



HC  
**CAR GO**

Your Expert  
in Parts

**STARTERS & ALTERNATORS**  
**DC-MOTORS & DYNASTARTERS**  
**2017-2019**



# HC-CARGO Always Online

The products you require are only a few clicks away!

[www.hc-cargo.com](http://www.hc-cargo.com)

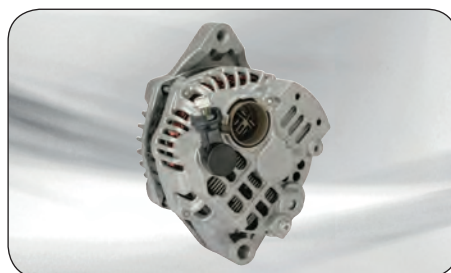






# STARTERS & ALTERNATORS

## DC-MOTORS & DYNASTARTERS



Edition 2017-2019





## HC-CARGO Starter and Alternator program

- High EU Market coverage for passenger cars > 90%
- More than 1500 starter numbers
- More than 1500 alternator numbers
- Also available on TecDoc

We continuously strive for extending the program to offer the most comprehensive solution whether it is a simple replacement of a complete unit or a spare. Read more about our spare parts program in the 2 according catalogues - or in our web catalogue on our website [www.hc-cargo.com](http://www.hc-cargo.com) where you always can see an up-to-date and complete program.

The catalogue also includes a complete cross reference list. More than 175.000 references to search amongst.

Our program has applications for cars, trucks, industrial machines, agricultural, marine and various outdoor power equipment. We offer applications for multiple purposes!

With the HC-CARGO program, you have a one-stop-supplier opportunity for parts for units.



## High Quality Alternatives in HC-CARGO

We offer a high quality guarantee with thorough testing carried out by our quality assurance department. Our engineers test the parts in terms of interaction, perfect fit and easy installation before the products are approved and released for sale. This procedure ensures that we keep the promised high quality. You can easily find our recommendations - look for these logos:

### Quality Stamps @ HC-CARGO



The 5 star icon will help you to make the right product choice. If you see the icon, the part is OE quality, i.e. 1:1 the quality of the original part. If no icon appears, the part is aftermarket quality, i.e. the high quality you are familiar with from HC-CARGO - tested at our own test facilities before launch.

The HC-CARGO 5-star program contains products known in the automotive aftermarket as "original spare parts". The suppliers of these parts are OE manufacturers.

You will find the entire HC-CARGO product portfolio available on our online shop.



Automotive

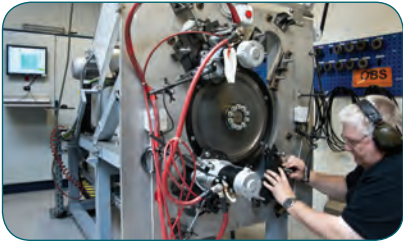


Trucks, trailers & buses



Agriculture





Comparison/endurance test: Starter



Alternator duration test



Test of components

## Our Quality - Your assurance

Quality is key to us at HC-CARGO. Even though the products are developed by our manufacturer network, the HC-CARGO logo on the packaging stands for high quality standards.

To constantly ensure high quality, our processes follow strict regulations.

The HC-CARGO ordering and management processes are certified to DIN EN ISO 9001. Certified management processes are also something we expect and require from our suppliers. They are all DIN EN ISO 9001 or TS 16949 certified.

Supplier release is an important foundation for what we really care about: our products. We have particularly high demands on the reliability of materials and components of our products, as reliability contributes to the overall HC-CARGO quality assurance. Reliability plays the most important role in HC-CARGO quality assurance.

Only when the product has passed all tests, it has proved to be an excellent HC-CARGO product and is then released. From the first delivery, random samples are taken and tested. When the test has been successful, the products are approved and released for sales.

Thus, our customers can always rely on our quality.

Our quality standard applies also in terms of service, technical expertise and advice. Our dedicated employees are happy to assist you with know-how and experience in your daily business.



Industrial



Marine



Motorcycle

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A: Pulley distance, B: Width of holder arm, C: Mounting bracket distance

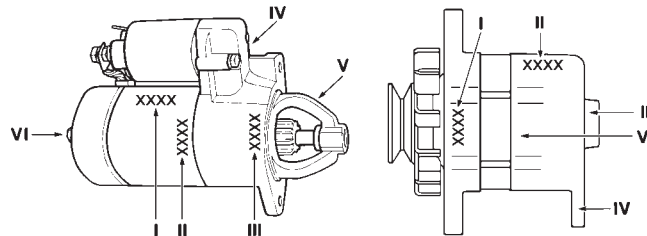
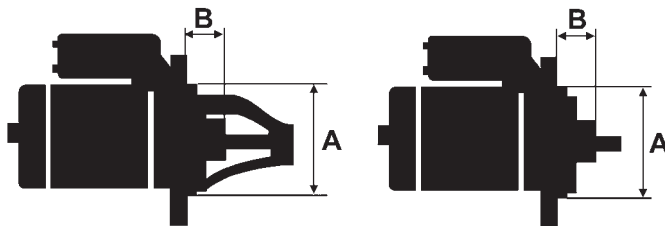


Remarks: Serpentine pulley



Threaded fixing holes

A: Mounting flange, B: Drive distance



O.E.M.	STARTER MOTORS		ALTERNATORS	
	Pos.	Example	Pos.	Example
Bosch (Bo)	II	0001 234 123	V	0120 489 789
Delco Remy (DR)	II	(3471) 152	I	(3472) 042
Denso (De)	I	028000-1971	II	021000-0327
Ducellier (Du)	II	6236, 534046	III	7586, 516023
Femsa (Fe)	II	MTA 12-40	III/IV/V	ALP 12-17
Hitachi (Hi)	III	S114-173B	I	LT 135-13
Iskra (Is)	II	AZE 3512-12V	V	AAK 1105
Lucas (Lu)	II	25061	II/III	23779
Magneti Marelli (MM)	IV/V	MT 68 AA, 63221403	II/III	AA125-14V-45A
Magneton (Mt)	II	02 8946.08	II	443 113 456
Mando Melroe (Md)			V	AB170035
Mitsubishi (Mi)	III/IV	MEA 12-1, M03T 25781	II/III	AQ 2240 K1
Motorola (Mo)			II/III	9AR 2518 F
Paris Rhone (PR)	II	D 11 E 176	II/III	A 13 N 104
SEV (SE)			II/III	34810, 712 71302
Valeo (Va)	II	433257 KO	V/III	A 13 N 38
Visteon (Vi)	I	20-100-01010		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

TERMINAL CHART	Field / Rotor	Ground	Charging Lamp	Ignition	Point Central	Tacho / Stator	CPU Control	Battery Sense	Battery	Dummy
BOSCH	DF/F1/F2	B-/D-	D+/61/L/61E	15		W	COM/DF DFM/FR LI/RC LIN	S	B+	
BUTEC	F	-	D+						B+	
CHRYSLER	F1/F2/FLD	GRD							B+	
REMY	F	GRD	D+/L/1	I/IG		P/R/W	F	M/S/2	B+	
DELPHI			L				DFM		B+	
DUCELLIER	EXC	-/B-	D+	+		W			B+	
ELMOT	67	31	15			W			B+	
FORD (VISTEON)	DF/F/FLD	D-/VE	D+/IND/I			W/STA/S			B+/Bat	
HITACHI	F	E	L	IG/R	N	P	FR/G	S	B/A	D
ISKRA	DF	D-	D+			W			B+	
LADA	67	31	15						B+/30	
LUCAS	F	-	D+			STA/W		S	B+	
PAL/MAGNETON	M	-	R						B+	
VALEO	F	E	L/I	IG/R	N	P		S	B/A	D
MARELLI	67	31	15		C	W	FR/SIG LI/STD PHIN/RC		B+/30	
MITSUBISHI	F	E	L	IG/R	N	P	FR/G/D	S	B/A	D
MOTOROLA	EXC	-/B-	D+			W			B+	
DENSO	F/F1/F2	E-	L	IG/R	N	P	FR/C/M	S	B/A	D
PARIS RHONE	EXC	-/B-	L			W			B+	
SEV MARCHAL	DF	-/B-	61+			W			B+	
VALEO	EXC	-	L/D+/61E	15/+		W	COM/FR DF/DFM LIN		B+'	

### ABBREVIATIONS:

ACR =Anti-clockwise rotation, AC=Air condition, ACPS= Air conditioning and auxiliary control, Amp.=Ampere, AT=Automatic transmission, AT6S=6 gears AT, AT7S=7 gears AT, ATAC= Automatic transmission and air conditioning, BS=Battery sense, Chas.=Chassis,

CR =Clockwise rotation, D=Insulated, DD=Direct drive, DF=DF plug, DKG= For vehicles with double clutch, DP=Double pulley, DSG= Direct gear, ECO=Ecomatic, EF=External fan, Eng.=Engine, Eur.=European application, FW=Free wheel pulley, GR=Gear reduction, HD=Heavy duty, HP=Horsepower, ID=Inner diameter, IF=Internal fan, IR=Internal regulator, kW=Kilowatt, LHD=Left hand drive, RC=Load response control, OD=Outer diameter, P=Pulley, PS=Power steering, RHD=Right hand drive, SP=Serpentine pulley, SP/FW=Serpentine/Free-wheel, 4SP=4 gears, 5SP=5 gears, 6SP=6 gears, V=Volt, VP=Vacuum pump, w/=with, w/o=without, W= RPM connection, 15=Connection for the auxiliary start, 30h=W/ additional terminal 30h, 3(2)=Number of fixing holes - Number in brackets represent threaded holes,

=Number of theeth, ( )=Vehicle type, [ ]=Engine type, ▲=Can be replaced if pulley is changed, #=Available while stock last, \*=Program development, A10=W/ immobilizer A11=w/o Choke, A12=Catalyst, A13=Cold climate, A14=W/ computer, A15=DK,IS,N,S,SF, A16=CH,DK,N,S, A17=For cooling-water heating, A18=Direct automatic transmission, A19=w/ electrical heating system, A20=Additionally mounted, A21=w/ glowplug heating, A22=Heated windscreen, A23=Heated windscreen + Air condition, A24=Tiptronic, A25=w/ start / stop, A26=Charging lamp, A27=Connection L, A28=Connection L + Ign., A29=Specially sealed, A30=Volt-meter, A31=W/ heat cap, A32=Automatic Transmission and Cold Climate, A33=Taxi, A34=Manual and automatic Transmission, A35=Water cooled, A36=W/ bendixhousing, A37=w/o bendixhousing, A38=Manual air conditioning, A39=Automatic air conditioning, A40=Starter-Alternator, A41=Sequential manual transmission, A42=Tropical climate, A43=Manual transmission, A44=Automatic transmission and start / stop system, A45=w/ safety switch, A46=w/ pulley, A47=w/o pulley, A49=5 Star, BO=Bosch type, BOGR=Bosch gear reduction, DR=Delco Remy type, HI=Hitachi type, IS=Iskra type, LM=Small starter edition, LU=Lucas type, MA=Marelli type, MAG=Magnetron type, MI=Mitsubishi type, MS=Mitsuba type, ND=Nippondenso type, PL=Prestolite type, PR=Paris Rhone type, SM=Large starter edition, VA=Valeo type

Care is taken to ensure the accuracy of descriptions and applications of each item, but assumes no responsibility for possible errors.  
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ISO 9001  
BUREAU VERITAS  
Certification

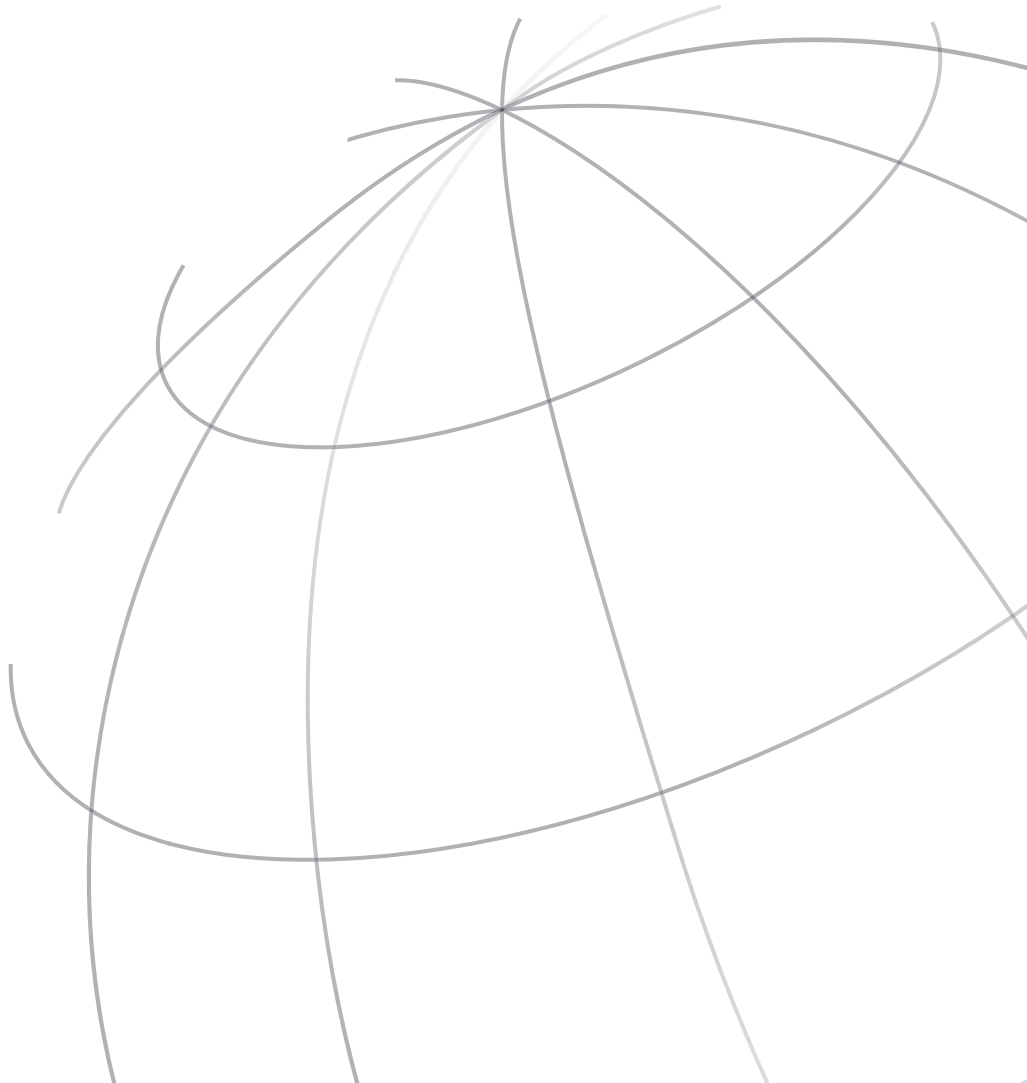


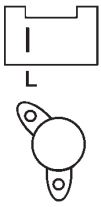




# Alternators

Edition 2017-2019





**110048** Alternator 14 V, 35 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 0120400618  
 Servicing: Farymann, Renault, Volvo Penta  
 Grooves 1, Total length 180.00,  
 Pulley SP, Fan EF, Insulated return  
 A: 72.00 B: 51.00 mm



**110077** Alternator 14 V, 50 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 0120339525, 0120339524,  
 0120300531, 0120300530  
 Servicing: Case, Citroen, Deutz-Fahr, Fendt,  
 Goldoni, Opel, Peugeot, Vauxhall  
 Grooves 1, Total length 171.00, Pulley P,  
 Fan EF  
 A: 78.50 B: 56.00 mm



**110105** Alternator 14 V, 55 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 0120489704, 0120489703,  
 0120488290, 0120488267, 0120488218,  
 0120300545, 0120300535, 0120300516  
 Servicing: John Deere  
 Grooves 1, Total length 178.00, Pulley P,  
 Fan EF  
 A: 83.30 B: 56.00 mm



**110112** Alternator 28 V, 40 Amp  
 Replacing: 9129080088, 9120080114,  
 9120080088, 0986031190, 0120489643  
 Servicing: Volvo, Volvo Penta  
 Terminal W, Total length 175.50,  
 Pulley w/o, Fan w/o  
 B: 51.00 mm



**110113** Alternator 28 V, 27 Amp  
 Replacing: 0120489728, 0120489727,  
 0120489284, 0120489231, 0120489225,  
 0120489221, 0120400774  
 Servicing: Mercedes-Benz  
 Total length 165.00, Pulley w/o, Fan EF  
 B: 80.00 mm



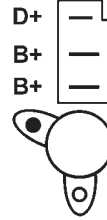
**110116** Alternator 28 V, 35 Amp  
 Replacing: 0120489827, 0120489684,  
 0120489230, 0120489053, 0120488289,  
 0120488273, 0120488208, 0120400796  
 Servicing: DAF, Ford, MAN  
 Terminal W, Total length 180.00,  
 Pulley w/o, Fan w/o  
 B: 80.00 mm



**110117** Alternator 28 V, 35 Amp  
 Manufacturer: Valeo  
 Replacing: 0120489731  
 Servicing: Iveco, Magirus-Deutz, Steyr,  
 Various Agriculture Vehicles  
 Total length 183.50, Pulley w/o, Fan EF  
 B: 56.00 mm



**110127** Alternator 14 V, 70 Amp  
 Replacing: 0120489779, 0120400778  
 Servicing: Farymann, Volvo Penta  
 Terminal W, Grooves 1,  
 Total length 179.00, Pulley P, Fan EF,  
 Insulated return  
 A: 79.00 B: 51.00 mm



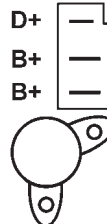
**110178** Alternator 14 V, 36 Amp  
 Manufacturer: Lucas  
 Replacing: 9120331913, 9120331901,  
 9120331502, 0120389503, 0120389502,  
 0120339510, 0120339509, 0120339506  
 Servicing: Austin, Bedford, Case, Ford,  
 Jensen, Land Rover, Lotus, Massey Ferguson,  
 MG, Morris, New Holland, Plymouth, Rover  
 Total length 164.00, Pulley w/o, Fan EF  
 B: 10.00 C: 87.00 mm



**110318** Alternator 14 V, 50 Amp  
 Replacing: 9120690078  
 Servicing: Dodge, Mazda, Mitsubishi, Plymouth  
 Grooves 1, Total length 170.90, Pulley P,  
 Fan EF  
 A: 42.00 B: 12.50 C: 55.00 mm

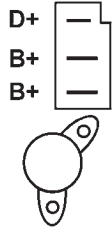


**110348** Alternator 14 V, 55 Amp  
 Replacing: 9120331882, 0120488280  
 Servicing: Lada  
 Grooves 1, Total length 162.00, Pulley P,  
 Fan EF  
 A: 45.00 B: 19.60 C: 63.00 mm



**110358** Alternator 14 V, 55 Amp  
 Replacing: 9120144270, 9120144269,  
 0120489933, 0120489931, 0120489918,  
 0120489917, 0120489828, 0120489683  
 Servicing: Mercedes-Benz, Seat  
 Grooves 1, Total length 162.50, Pulley P,  
 Fan EF  
 A: 77.50 B: 56.00 mm

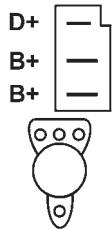




**110360** Alternator 14 V, 45 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 9120080139, 9120080120, 9120080089, 9120080056, 0120489965, 0120489964, 0120489961, 0120489960  
 Servicing: Audi, Deutz-Fahr, VW  
 Total length 154.00, Pulley w/o, Fan w/o  
 B: 56.00 mm



**110371** Alternator 14 V, 50 Amp  
 Replacing: 9127041242, 9127041241, 9127041233  
 Servicing: Carrier Transcold, Kubota  
 Terminal W, Grooves 1,  
 Total length 188.00, Pulley P, Fan EF  
 B: 27.00 mm



**110497** Alternator 14 V, 70 Amp  
 Replacing: 9120690170  
 Servicing: Austin-Healey, Various Agriculture Vehicles  
 Terminal W, Grooves 1,  
 Total length 166.00, Pulley P, Fan EF  
 w/ mounting bearing bracket for left and right engine side.  
 A: 42.50 B: 10.50 C: 84.00 mm



**110619** Alternator 14 V, 70 Amp  
 Replacing: 0120335007  
 Servicing: Citroen, Peugeot  
 Grooves 1, Total length 170.00, Pulley P, Fan IF  
 A: 95.00 B: 56.10 mm



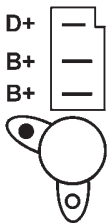
**110641** Alternator 14 V, 33 Amp  
 Replacing: 0120339552, 0120339531, 0120339514, 0120300514  
 Servicing: Bosch, BPM, Case, Claas, Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer, Lamborghini, Liebherr, Linde  
 Terminal W, Grooves 1,  
 Total length 162.00, Pulley P, Fan EF  
 A: 76.50 B: 56.00 mm



**110743** Alternator 14 V, 30 Amp  
 Replacing: 9120331301  
 Servicing: Citroen  
 Grooves 1, Total length 155.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 130679.  
 A: 61.00 B: 40.00 mm



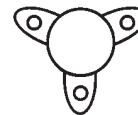
**110751**<sup>#</sup> Alternator 14 V, 35 Amp  
 Replacing: 9120080183, 9120080148, 0120489724, 0120489723  
 Servicing: Mercedes-Benz  
 Terminal W, Total length 166.50,  
 Pulley w/o, Fan w/o  
 B: 80.00 mm



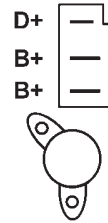
**110759** Alternator 14 V, 35 Amp  
 Replacing: 0120489940, 0120489894, 0120489804, 0120489803, 0120489616, 0120489562, 0120489561, 0120489536  
 Servicing: Austin, Ford, Mercury  
 Grooves 1, Total length 160.00, Pulley P, Fan EF  
 A: 36.15 B: 10.50 C: 79.00 mm



**110761**<sup>#</sup> Alternator 28 V, 35 Amp  
 Replacing: 0120489944, 0120488271  
 Servicing: Deutz-Fahr, MAN, Mercedes-Benz  
 Terminal W, Total length 183.50,  
 Pulley w/o, Fan w/o  
 Fan: HC-CARGO 133875.  
 B: 80.00 mm



**110766** Alternator 28 V, 27 Amp  
 Replacing: 0120489730, 0120489707, 0120489023, 0120488224, 0120400805, 0120400791, 0120400790, 0120400760  
 Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr  
 Terminal W, Total length 170.00,  
 Pulley w/o, Fan EF  
 B: 56.00 mm



**110770** Alternator 14 V, 55 Amp  
 Replacing: 0986033950  
 Servicing: Austin, LDV, Massey Ferguson, MG, Rover  
 Terminal W, Total length 166.00,  
 Pulley w/o, Fan w/o  
 B: 12.00 C: 82.00 mm



**110801** Alternator 28 V, 45 Amp  
 Replacing: 0122469003, 0122469001  
 Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International  
 Terminal W, Total length 270.00,  
 Pulley w/o, Fan EF  
 B: 14.80 C: 100.00 mm

## ALTERNATORS



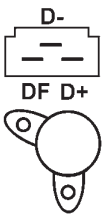
**110877** Alternator 14 V, 65 Amp  
 Replacing: 0120489648, 0120489647, 0120489646, 0120489645, 0120489644, 0120489619, 0120489618, 0120489608, 0120400752, 0120400753  
 Servicing: BMW  
 Total length 159.00, Pulley w/o, Fan EF  
 B: 51.00 mm



**110881** Alternator 14 V, 55 Amp  
 Replacing: 0120489309, 0120489296, 0120489286, 0120489183, 0120489070, 0120489069, 0120488258, 0120488257  
 Servicing: Deutz-Fahr, Fendt, Kramer, Marshall, Volvo  
 Terminal W, Grooves 2,  
 Total length 170.00, Pulley DP, Fan EF  
 A: 88.00 B: 56.00 mm



**110882** Alternator 14 V, 45 Amp  
 Replacing: 0120489765, 0120489762, 0120489761, 0120489145, 0120489106  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same  
 Grooves 1, Total length 181.50, Pulley P, Fan w/o  
 A: 47.00 B: 16.25 C: 63.00 mm



**110887** Alternator 14 V, 45 Amp  
 Replacing: 0120400848, 0120400847, 0120400787, 0120400786  
 Servicing: Alfa Romeo  
 Grooves 1, Total length 170.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 130675.  
 A: 51.20 B: 27.00 mm



**110890** Alternator 14 V, 55 Amp  
 Replacing: 9120331881, 0120489838, 0120489770, 0120489763, 0120489151, 0120489147, 0120489146, 0120489134  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same  
 Grooves 1, Total length 169.00, Pulley P, Fan w/o  
 A: 49.00 B: 17.00 C: 63.00 mm



**110891** Alternator 14 V, 70 Amp  
 Replacing: 0120489984, 0120489408, 0120489347, 0120489346, 0120488286, 0120488228, 0120488211  
 Servicing: Ford, Land Rover, MG  
 Terminal W, Total length 169.00,  
 Pulley w/o, Fan w/o  
 As HC-CARGO 114788, but w/o pulley.  
 B: 11.30 C: 83.00 mm



**110895** Alternator 28 V, 55 Amp  
 Replacing: 6033GB3055, 6033GB3053, 6033GB3047, 0120469982, 0120469686, 0120469518, 0120469509, 0120469103  
 Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong  
 Terminal W, Total length 196.50,  
 Pulley w/o, Fan EF  
 B: 80.00 mm



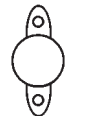
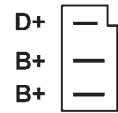
**110899** Alternator 14 V, 33 Amp  
 Replacing: 0120300569, 0120300568, 0120300559, 0120300558, 0120300529, 0120300528  
 Servicing: Agrifull, DAF, Fiat, Volvo  
 Grooves 1, Total length 162.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 130675.  
 A: 48.45 B: 24.00 C: 74.00 mm



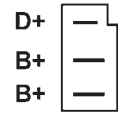
**110906** Alternator 28 V, 30 Amp  
 Replacing: 0120489316  
 Servicing: Mercedes-Benz  
 Terminal W, Total length 187.00,  
 Pulley w/o, Fan w/o  
 B: 80.00 mm



**110911** Alternator 14 V, 55 Amp  
 Replacing: 0120489760, 0120489759, 0120489735, 0120489659, 0120489657, 0120489654, 0120489653  
 Servicing: Audi, Peugeot, Saab, VW  
 Grooves 1, Total length 171.00, Pulley P, Fan EF  
 A: 77.64 B: 56.00 mm

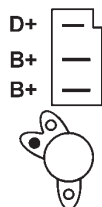


**110912** Alternator 14 V, 55 Amp  
 Replacing: 9120144239, 9120144238, 9120144202, 9120144201, 0986033891, 0986033890, 0120489753, 0120489752  
 Servicing: Abarth, Alfa Romeo, Ferrari, Fiat, Fiat-Allis, Lancia, Pininfarina, Seat  
 Grooves 1, Total length 162.50, Pulley P, Fan EF  
 A: 44.50 B: 16.40 C: 66.00 mm



**110913** Alternator 14 V, 70 Amp  
 Replacing: 0120489981, 0120489980, 0120489873, 0120489872, 0120489871, 0120489870, 0120489868, 0120489774  
 Servicing: Audi, VW  
 Terminal W, Pulley w/o, Fan w/o  
 B: 56.00 mm



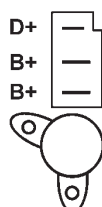

**110919** Alternator 14 V, 70 Amp

Replacing: 0120489249, 0120489248, 0120489196, 0120489195, 0120469501

Servicing: Audi, VW

Grooves 1, Total length 185.00, Pulley P, Fan EF

A: 110.00 B: 56.00 mm

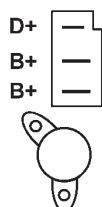

**110923** Alternator 14 V, 55 Amp

Replacing: 0120489355, 0120489354, 0120489333, 0120489332, 0120489331, 0120489324, 0120489323, 0120489302

Servicing: Mercedes-Benz

Grooves 6, Total length 176.00, Pulley SP, Fan EF

A: 92.00 B: 56.00 mm


**110972** Alternator 14 V, 65 Amp

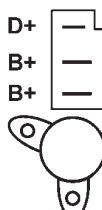
Manufacturer: Prestolite

Replacing: 0120489124, 0120489123, 0120489121

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

Grooves 1, Total length 167.50, Pulley P, Fan EF

A: 87.90 B: 56.00 mm


**110975** Alternator 14 V, 65 Amp

Manufacturer: Prestolite

Replacing: 0120489999, 0120489975, 0120489789, 0120489569, 0120489551, 0120489058, 0120400670, 0120300584

Servicing: Audi, Various Agriculture Vehicles, VW

Terminal W, Grooves 1, Total length 167.00, Pulley P, Fan EF

A: 82.85 B: 56.25 mm

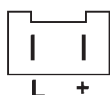

**111035** Alternator 14 V, 65 Amp

Replacing: 0120489188, 0120489187, 0120489186, 0120489126

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

Terminal W, Grooves 1, Total length 164.50, Pulley P, Fan EF

A: 52.00 B: 23.00 C: 74.00 mm

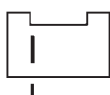

**111072** Alternator 14 V, 50 Amp

Replacing: 9120144284, 9120144283

Servicing: Renault, VW

Grooves 1, Total length 164.00, Pulley P, Fan IF

A: 49.40 B: 27.00 C: 66.00 mm

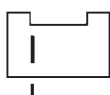

**111075** Alternator 14 V, 55 Amp

Replacing: 0120489194, 0120489193

Servicing: Citroen, Peugeot, Talbot, Vauxhall

Grooves 1, Total length 161.50, Pulley P, Fan EF

A: 59.50 B: 40.00 mm


**111076** Alternator 14 V, 50 Amp

Replacing: 0120489270, 0120489259, 0120489258, 0120489158, 0120489157, 0120488215, 0120488214

Servicing: Citroen, Opel, Peugeot, Talbot

Grooves 4, Total length 163.50, Pulley SP, Fan EF

A: 46.35 B: 26.80 C: 66.00 mm

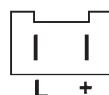

**111078** Alternator 14 V, 45 Amp

Replacing: 9120144241, 9120144240, 9120144229, 9120144228

Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava

Grooves 1, Total length 169.00, Pulley P, Fan EF

A: 53.25 B: 23.50 mm


**111082** Alternator 14 V, 60 Amp

Replacing: 9120144277

Servicing: Renault

Grooves 1, Total length 178.25, Pulley P, Fan EF

A: 100.95 B: 56.00 mm


**111085** Alternator 14 V, 55 Amp

Replacing: 0120489066, 0120489065

Servicing: Volvo

Grooves 2, Total length 172.25, Pulley DP, Fan EF

A: 91.95 B: 71.00 mm


**111086** Alternator 14 V, 65 Amp

Manufacturer: Mahle Letrika

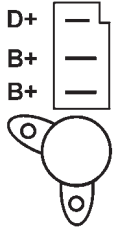
Replacing: 9120450018, 9120450012, 9120334323, 0120489938, 0120489851, 0120489850, 0120489849, 0120489847

Servicing: Austin, Ford, Mercury, MG, Rover

Grooves 1, Total length 170.00, Pulley P, Fan IF

A: 34.60 B: 10.80 C: 81.00 mm





**111093** Alternator 14 V, 70 Amp

Replacing: 0120489330, 0120489329, 0120489328, 0120489327, 0120489326, 0120489325, 0120489322, 0120489321

Servicing: Mercedes-Benz

Grooves 6, Total length 183.50, Pulley SP, Fan EF

A: 92.00 B: 56.00 mm



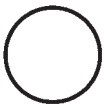
**111094** Alternator 14 V, 65 Amp

Replacing: 9120690438, 0120489369/370, 0120485008, 0120485007

Servicing: Audi, VW

Terminal W, Grooves 1, Total length 187.25, Pulley P, Fan EF

A: 109.00 B: 56.00 mm



**111096** Alternator 14 V, 51 Amp

Replacing: F000LD0108, 9120080122, 9120080061, 0120489584, 0120489583, 0120489566, 0120489565, 0120400863

Servicing: VW

Total length 261.00, Pulley w/o, Fan w/o



**111138** Alternator 14 V, 45 Amp

Replacing: 9120144209, 9120144208, 0986031411, 0120489921, 0120489920, 0120489741, 0120489740, 0120489673

Servicing: Fiat, Lancia, Seat

Grooves 1, Total length 167.00, Pulley P, Fan EF

A: 46.35 B: 17.00 C: 63.00 mm



**111139** Alternator 14 V, 75 Amp

Replacing: B120421870, 0120469554, 0120469536, 0120469533, 0120469528, 0120469525, 0120469524, 0120469505

Servicing: Audi, Porsche, VW

Grooves 1, Total length 171.00, Pulley P, Fan EF

A: 82.30 B: 56.00 mm



**111141** Alternator 14 V, 55 Amp

Replacing: 0120489757, 0120489726, 0120489725, 0120489315, 0120489032, 0120488282, 0120400700

Servicing: MAN, Mercedes-Benz

Terminal W, Total length 167.70, Pulley w/o, Fan w/o

B: 80.00 mm



**111146** Alternator 28 V, 55 Amp

Replacing: 0120469983, 0120469891, 0120469761, 0120469692, 0120469592, 0120469562, 0120469527, 0120469038

Servicing: DAF, Ford, MAN

Terminal W, Total length 187.50, Pulley w/o, Fan w/o

B: 80.00 mm



**111147** Alternator 14 V, 80 Amp

Replacing: 0120469805, 0120469804, 0120469619, 0120469618, 0120469617, 0120469593, 0120469561, 0120469560

Servicing: BMW

Grooves 1, Total length 168.50, Pulley P, Fan EF

A: 78.00 B: 56.00 mm



**111148** Alternator 14 V, 65 Amp

Replacing: 0120489943, 0120489942, 0120489400, 0120489348, 0120489263, 0120489129, 0120489128, 0120488275

Servicing: Autobianchi, Fiat, Lancia, Zastava  
Grooves 1, Total length 165.50, Pulley P, Fan w/o

A: 52.25 B: 23.00 C: 73.00 mm



**111149** Alternator 14 V, 80 Amp

Replacing: 0120469945, 0120469944, 0120469844, 0120469642, 0120469591, 0120469590, 0120469589, 0120469588

Servicing: Mercedes-Benz

Grooves 1, Total length 176.75, Pulley P, Fan EF

A: 77.00 B: 56.00 mm



**111153** Alternator 14 V, 55 Amp

Replacing: 0120489904, 0120489903, 0120489550, 0120489549

Servicing: Alfa Romeo

Grooves 1, Total length 169.00, Pulley P, Fan EF

A: 52.00 B: 27.00 mm



**111154** Alternator 14 V, 65 Amp

Replacing: 0120489497, 0120489449, 0120489379, 0120489378, 0120488238, 0120488227, 0120488226

Servicing: Audi, Mercedes-Benz, Seat, VW

Terminal W, Grooves 1, Total length 176.50, Pulley P, Fan EF

A: 87.50 B: 56.00 mm


**111164** Alternator 14 V, 70 Amp

Replacing: 0986034450, 0120488012, 0120488009, 0120488001, 0120488000

Servicing: Opel, Vauxhall

Terminal W, Grooves 1,

Total length 224.00, Pulley P, Fan EF

A: 39.20 B: 13.50 C: 80.00 mm


**111166** Alternator 14 V, 70 Amp

Replacing: 0120489634, 0120489633, 0120489340, 0120489339, 0120489139, 0120489138, 0120488191, 0120488190

Servicing: Albin, Bedford, Lancia, Opel, Vauxhall

Grooves 1, Total length 168.75, Pulley P, Fan EF

A: 77.00 B: 56.00 mm


**111168** Alternator 14 V, 55 Amp

Replacing: 0120489952, 0120489951, 0120489950, 0120489948, 0120489947, 0120489125, 0120489124, 0120489123

Servicing: Ferrari, Opel, Vauxhall

Terminal W, Grooves 1,

Total length 169.00, Pulley P, Fan EF

A: 84.00 B: 56.00 mm


**111169** Alternator 14 V, 70 Amp

Replacing: 0120488193, 0120488192, 0120488173, 0120488172

Servicing: Opel, Vauxhall

Grooves 1, Total length 169.50, Pulley P, Fan EF

A: 85.00 B: 56.00 mm

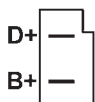

**111170** Alternator 14 V, 65 Amp

Replacing: 0120489489, 0120489488, 0120489421, 0120489418, 0120488201, 0120488200, 0120488166, 0120488161

Servicing: Opel, Vauxhall

Grooves 1, Total length 171.55, Pulley P, Fan EF

A: 34.85 B: 10.80 C: 81.00 mm

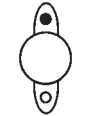

**111180** Alternator 14 V, 33 Amp

Replacing: 0986030120, 0120339528, 0120339527, 0120339516, 0120339515

Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava

Grooves 1, Pulley P, Fan EF

A: 49.00 B: 25.00 C: 74.00 mm


**111216** Alternator 14 V, 37 Amp

Replacing: 9120060027, 0120488297

Servicing: Thermo King

Terminal W, Total length 176.00,

Pulley w/o, Fan EF

B: 51.00 mm


**111261** Alternator 28 V, 50 Amp

Replacing: 0122469004, 0122469002

Servicing: Caterpillar

Total length 306.00, Pulley w/o, Fan EF

B: 14.10 C: 102.00 mm


**111279** Alternator 14 V, 50 Amp

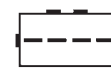
Replacing: 9120334318, 9120334317, 0123115013

Servicing: Chevrolet, GEO, Pontiac, Suzuki

Grooves 4, Total length 160.00,

Pulley SP, Fan IF

A: 37.50 B: 20.00 C: 66.00 mm


**111280** Alternator 14 V, 65 Amp

Replacing: 0123115010, 0123115008, 0120335008

Servicing: Nissan

Grooves 6, Total length 156.50,

Pulley SP, Fan IF

A: 38.25 B: 24.80 C: 66.80 mm


**111287** Alternator 14 V, 70 Amp

Replacing: 0120489496, 0120489495, 0120489433, 0120489432, 0120489427

Servicing: VW

Terminal W, Grooves 1,

Total length 190.00, Pulley P, Fan EF

A: 109.50 B: 56.00 mm


**111288** Alternator 14 V, 65 Amp

Manufacturer: Mahle Letrika

Replacing: 0120489442, 0120489375, 0120489374, 0120489240, 0120489198, 0120488240, 0120488237, 0120488199

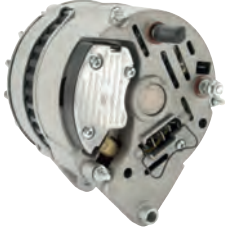
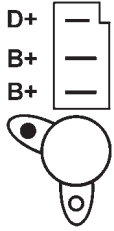
Servicing: Seat, VW

Terminal W, Grooves 1,

Total length 168.00, Pulley P, Fan EF

A: 75.00 B: 56.00 mm





**111289** Alternator 14 V, 70 Amp

Replacing: 9120331872, 9120331864, 9120331854, 0986030760, 0120489957, 0120489896, 0120489895, 0120489889

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

Terminal W, Grooves 1,  
Total length 175.00, Pulley P, Fan EF  
A: 35.00 B: 12.50 C: 80.00 mm



**111293** Alternator 14 V, 70 Amp

Replacing: 0123310014, 0120485029

Servicing: Ford

Grooves 6, Total length 172.00,  
Pulley SP, Fan IF  
A: 33.00 B: 14.00 C: 80.00 mm



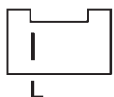
**111318** Alternator 14 V, 80 Amp

Replacing: 0123310013, 0123310011

Servicing: Citroen, Fiat, Lancia, Peugeot

Grooves 6, Total length 174.00,  
Pulley SP, Fan IF

A: 92.35 B: 56.00 mm



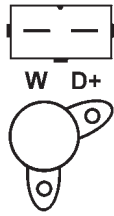
**111321** Alternator 14 V, 70 Amp

Replacing: 0120489491

Servicing: Volvo

Grooves 6, Total length 166.00,  
Pulley SP, Fan EF

A: 46.50 B: 27.00 C: 69.50 mm

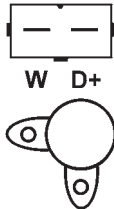


**111352** Alternator 14 V, 70 Amp

Replacing: B120411204, B120310087, 0123315001, 0123310020, 0123310002, 0123114005, 0123110002, 0120485034

Servicing: Seat, Skoda, VW

Terminal W, Grooves 6,  
Total length 190.50, Pulley SP, Fan IF  
A: 39.45 B: 14.65 C: 59.80 mm



**111353** Alternator 14 V, 70 Amp

Replacing: 0123315002, 0123310032, 0123310025, 0123310019, 0123310001, 0120485043

Servicing: Audi, Ford, Seat, Skoda, VW

Grooves 6, Total length 187.50,  
Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 60.00 mm



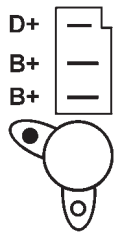
**111354** Alternator 14 V, 70 Amp

Replacing: 0986036820, 0123315005, 0123310005, 0120485022, 0120485012, 0120485011

Servicing: Mercedes-Benz

Terminal W, Grooves 6,  
Total length 190.00, Pulley SP, Fan IF

A: 92.35 B: 56.00 mm



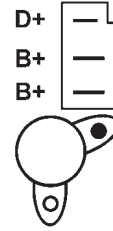
**111355** Alternator 14 V, 65 Amp

Replacing: 0120489385, 0120489384, 0120489293

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

Terminal W, Grooves 1,  
Total length 163.50, Pulley P, Fan EF

A: 37.00 B: 11.50 C: 81.00 mm

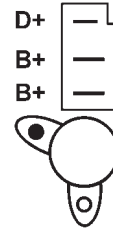


**111356** Alternator 14 V, 55 Amp

Replacing: 0120488189

Servicing: Ford, Various Agriculture Vehicles

Terminal W, Grooves 3, Pulley SP, Fan EF  
A: 43.00 B: 10.80 C: 81.00 mm



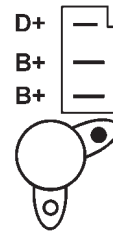
**111362** Alternator 14 V, 55 Amp

Replacing: 0120489345, 0120489290

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

Terminal W, Grooves 1,  
Total length 165.50, Pulley P, Fan EF

A: 34.50 B: 11.00 C: 81.00 mm



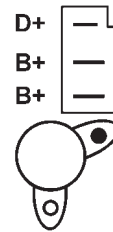
**111364** Alternator 14 V, 55 Amp

Replacing: 0120489292, 0120489252, 0120489251, 0120489245

Servicing: Ford, Rover

Terminal W, Grooves 1,  
Total length 166.00, Pulley P, Fan EF

A: 35.50 B: 12.50 C: 81.00 mm



**111366** Alternator 14 V, 45 Amp

Replacing: 9120144290, 9120144289

Servicing: Land Rover, LDV

Terminal W, Total length 166.00,  
Pulley w/o, Fan w/o

B: 11.00 C: 81.00 mm



**111369** Alternator 14 V, 90 Amp  
 Replacing: 9123369044, 0986039740, 0123335007, 0123335006, 0123335002, 0123320044  
 Servicing: Mercedes-Benz, Various Agriculture Vehicles  
 Terminal W, Grooves 6, Total length 189.50, Pulley SP, Fan IF  
 A: 92.00 B: 56.00 mm



**111416** Alternator 14 V, 65 Amp  
 Replacing: 0124215002  
 Servicing: Citroen, Fiat  
 Grooves 6, Total length 199.00, Pulley SP, Fan IF  
 A: 41.00 B: 17.00 C: 82.00 mm



**111418** Alternator 14 V, 60 Amp  
 Replacing: 0120489336, 0120488284  
 Servicing: Alfa Romeo, Fiat, Iveco  
 Grooves 1, Total length 165.50, Pulley P, Fan EF  
 Alternative no.: 115873   
 A: 49.00 B: 17.00 C: 66.00 mm



**111419** Alternator 28 V, 55 Amp  
 Replacing: 0120469890, 0120469634, 0120469549  
 Servicing: Allis Chalmers, BENFRA, Fiat-Allis, Iveco, Laverda  
 Terminal W, Grooves 2, Total length 188.00, Pulley DP, Fan EF  
 A: 50.00 B: 17.45 C: 63.00 mm



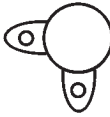
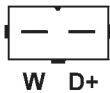
**111426** Alternator 14 V, 100 Amp  
 Replacing: 0124415008, 0123505002  
 Servicing: Isuzu, Opel, Vauxhall  
 Grooves 6, Total length 180.00, Pulley SP, Fan IF  
 A: 51.00 B: 33.75 C: 56.00 mm



**111427** Alternator 14 V, 90 Amp  
 Replacing: 0123212001  
 Servicing: Ford  
 Grooves 6, Total length 167.50, Pulley SP, Fan IF  
 A: 34.50 B: 13.50 C: 81.00 mm



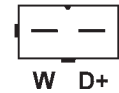
**111468** Alternator 14 V, 80 Amp  
 Replacing: 0123325013, 0123325003, 0123325000  
 Servicing: Toyota  
 Grooves 5, Total length 162.50, Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm



**111477** Alternator 14 V, 90 Amp  
 Replacing: 9123320007, 0123340003, 0123320017, 0123320007, 0123320001, 0120485038  
 Servicing: Ford, Seat, Skoda, VW  
 Terminal W, Grooves 6, Total length 187.00, Pulley SP, Fan IF  
 A: 39.50 B: 13.50 C: 59.00 mm



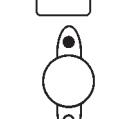
**111478** Alternator 14 V, 90 Amp  
 Manufacturer: Valeo  
 Replacing: 9123320016, 0123320054, 0123320052, 0123320016  
 Servicing: Audi, VW  
 Grooves 5, Total length 185.00, Pulley SP, Fan IF  
 A: 35.00 B: 14.00 C: 82.00 mm



**111479** Alternator 14 V, 90 Amp  
 Replacing: 0123340002, 0123320006, 0123320002, 0120485036  
 Servicing: Seat, VW  
 Terminal W, Grooves 6, Total length 185.00, Pulley SP, Fan IF  
 A: 39.00 B: 14.00 C: 59.00 mm



**111514** Alternator 14 V, 100 Amp  
 Replacing: 0123505003  
 Servicing: Opel, Saab, Vauxhall  
 Grooves 6, Total length 183.00, Pulley SP, Fan IF  
 A: 52.00 B: 34.00 C: 56.00 mm



**111515** Alternator 14 V, 70 Amp  
 Replacing: F002G10951  
 Servicing: AC, Opel, Vauxhall  
 Grooves 1, Total length 215.00, Pulley P, Fan IF  
 A: 42.50 B: 13.00 C: 78.50 mm

## ALTERNATORS





**111528** Alternator 28 V, 55 Amp  
 Replacing: 0986033840, 0120469523  
 Servicing: Volvo, Volvo BM, Volvo Penta  
 Terminal W, Total length 180.75,  
 Pulley w/o, Fan EF  
 B: 51.50 mm



**111620** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 0120489824, 0120489823,  
 0120489319, 0120489318, 0120489307,  
 0120489273, 0120489272, 0120488254  
 Servicing: Abarth, Alfa Romeo, Ferrari, Fiat,  
 Lancia, Pininfarina, Various Agriculture Vehicles  
 Grooves 5, Total length 172.00,  
 Pulley SP, Fan EF  
 A: 47.75 B: 16.30 C: 63.00 mm



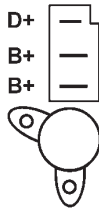
**111629** Alternator 28 V, 120 Amp  
 Replacing: 0120689591, 0120689551,  
 0120689533, 0120689532, 0120689520,  
 0120689515, 0120689513, 0120689512  
 Servicing: MAN, Mercedes-Benz, Setra  
 Terminal W, Total length 310.50,  
 Pulley w/o, Fan EF  
 B- M8. Shaft 30 mm. Heavy duty type: HC-  
 CARGO 113589. 180 A.  
 B: 15.00 C: 180.00 mm



**111631** Alternator 28 V, 55 Amp  
 Replacing: 6033GB3020, 6033G3073B,  
 6033G3020B, 0120469044, 0120469033, 0120469018  
 Servicing: Volvo  
 Terminal W, Total length 185.00,  
 Pulley w/o, Fan EF  
 B: 14.10 C: 100.00 mm



**111649** Alternator 14 V, 33 Amp  
 Replacing: 0120400775, 0120339545,  
 0120339544, 0120339543, 0120339513,  
 0120339512, 0120339511, 0120300562  
 Servicing: Claas, Eicher, John Deere,  
 Lamborghini, Same  
 Grooves 1, Total length 168.50, Pulley P,  
 Fan EF  
 A: 76.00 B: 56.00 mm



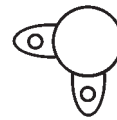
**111653** Alternator 14 V, 45 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 0120489988, 0120489987,  
 0120489986, 0120489893, 0120489892,  
 0120489860, 0120489859, 0120489858  
 Servicing: Audi, VW  
 Grooves 1, Total length 188.00, Pulley P,  
 Fan EF  
 A: 109.50 B: 56.00 mm



**111656** Alternator 14 V, 45 Amp  
 Replacing: 0120489767, 0120489766,  
 0120489117, 0120489116  
 Servicing: Bedford, Opel, Vauxhall  
 Grooves 1, Total length 165.50, Pulley P,  
 Fan EF  
 A: 77.00 B: 56.00 mm



**111662** Alternator 14 V, 33 Amp  
 Replacing: 0120339536, 0120339521  
 Servicing: Agrifull, Arona, Case, Ferrari,  
 Goldoni, Lombardini  
 Terminal W, Total length 156.00,  
 Pulley w/o, Fan EF  
 B: 56.00 mm



**111676** Alternator 14 V, 90 Amp  
 Replacing: B120411182, 0123340001, 0123320048,  
 0123320003, 0120485020, 0120485019  
 Servicing: Audi, Skoda, VW  
 Terminal W, Grooves 6,  
 Total length 198.00, Pulley SP, Fan IF  
 A: 41.00 B: 14.80 C: 59.00 mm



**111686** Alternator 14 V, 65 Amp  
 Replacing: 0120489338, 0120489219,  
 0120489212, 0120489153, 0120489152,  
 0120489136, 0120489018, 0120488251  
 Servicing: Alfa Romeo, Fiat, Iveco,  
 Lamborghini, Lancia, Laverda  
 Grooves 1, Total length 166.50, Pulley P,  
 Fan EF  
 A: 49.50 B: 17.00 C: 64.50 mm



**111732** Alternator 14 V, 120 Amp  
 Replacing: 0124515086, 0123510063, 0123505001  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 182.00,  
 Pulley SP, Fan IF  
 A: 51.00 B: 34.00 C: 56.00 mm



**111741** Alternator 14 V, 70 Amp  
 Replacing: 0120488243, 0120488242, 0120488181,  
 0120488180, 0120488179, 0120488178, 0120488149  
 Servicing: Ford  
 Terminal W, Total length 170.00,  
 Pulley w/o, Fan w/o  
 B: 11.50 C: 81.00 mm



**111746** Alternator 28 V, 80 Amp  
 Replacing: 6033GB3021, 0120468144,  
 0120468135, 0120468093  
 Servicing: Volvo  
 Terminal W, Total length 196.00,  
 Pulley w/o, Fan EF  
 B: 14.50 C: 112.40 mm



**111795** Alternator 14 V, 80 Amp  
 Replacing: 9124476602  
 Servicing: Ford  
 Grooves 6, Total length 164.00,  
 Pulley SP, Fan IF  
 A: 12.50 B: 72.00 C: 53.00 mm



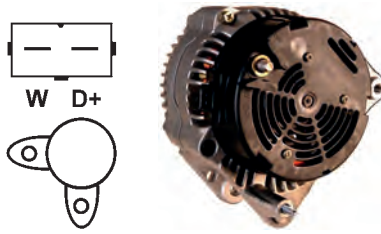
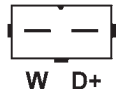
**111800** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 0120489343, 0120489341  
 Terminal W, Grooves 1,  
 Total length 171.00, Pulley P, Fan EF  
 A: 85.00 B: 56.00 mm



**111812** Alternator 14 V, 90 Amp  
 Replacing: 9120335001, 9120335000  
 Servicing: Nissan  
 Grooves 2, Total length 246.00,  
 Pulley DP, Fan EF  
 A: 42.00 B: 13.00 C: 81.00 mm



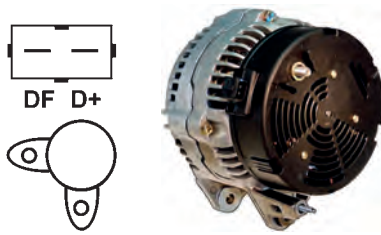
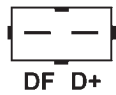
**111814**<sup>#</sup> Alternator 14 V, 120 Amp  
 Replacing: 0120450029  
 Servicing: Chrysler  
 Grooves 5, Total length 182.00,  
 Pulley SP, Fan EF  
 Regulator: HC-CARGO 131280.  
 A: 34.00 B: 12.00 C: 54.00 mm



**111820** Alternator 14 V, 90 Amp  
 Replacing: 0123320034, 0123320027,  
 0123320019, 0123320008  
 Servicing: Audi, Skoda, VW  
 Terminal W, Grooves 6,  
 Total length 185.40, Pulley SP, Fan IF  
 A: 39.50 B: 14.00 C: 59.00 mm



**111824** Alternator 14 V, 70 Amp  
 Replacing: 0124225049, 0124225041,  
 0124225022, 0124225018, 0124225001,  
 0123110008  
 Servicing: Opel, Vauxhall  
 Grooves 5, Total length 180.75,  
 Pulley SP, Fan IF  
 A: 53.00 B: 33.70 C: 56.00 mm



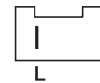
**111828** Alternator 14 V, 120 Amp  
 Replacing: 0123515020, 0123515017  
 Servicing: Ford, Seat, Volvo, VW  
 Total length 200.00, Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 139281.  
 B: 14.10 C: 59.00 mm



**111833** Alternator 28 V, 140 Amp  
 Replacing: 0120689587, 0120689574,  
 0120689571, 0120689535, 0120689530  
 Servicing: Drögmöller, Mercedes-Benz, Setra,  
 Various Agriculture Vehicles  
 Terminal W, Total length 302.00,  
 Pulley w/o, Fan EF  
 w/ bushing in rear brackethole. B- M8. Shaft 30  
 mm. Heavy duty type: HC-CARGO 113589. 180 A.  
 Alternative no.: 116063  
 B: 15.70 C: 182.00 mm



**111834** Alternator 28 V, 55 Amp  
 Replacing: 9120145002, 0986032720,  
 0120469960, 0120469959, 0120469900,  
 0120469826, 0120469807, 0120469763  
 Servicing: Scania  
 Terminal W, Total length 180.00,  
 Pulley w/o, Fan EF  
 Heavy duty type: HC-CARGO 112182 (80 A).  
 B: 80.00 mm



**111841** Alternator 14 V, 50 Amp  
 Replacing: 0120489476, 0120489467  
 Servicing: Citroen, Peugeot  
 Grooves 1, Total length 167.00, Pulley P,  
 Fan EF  
 A: 95.50 B: 56.00 mm



**111842** Alternator 28 V, 140 Amp  
 Replacing: B120600100, 0120689582,  
 0120689575, 0120689569, 0120689541,  
 0120689540, 0120689527, 0120689522  
 Servicing: Ikarus, MAN, Mercedes-Benz, Neoplan  
 Terminal W, Total length 313.00,  
 Pulley w/o, Fan EF  
 B- M8. Shaft 30 mm.  
 B: 15.00 C: 180.00 mm



**111843** Alternator 14 V, 95 Amp

Replacing: F005A00024, 9120060041, 6033G2019B, 0120484218, 0120484050, 0120484026, 0120484018, 0120484011

Servicing: Case, John Deere  
Terminal W, Total length 174.00,  
Pulley w/o, Fan w/o  
B- M8.

B: 51.00 mm



**111850** Alternator 14 V, 143 Amp

Replacing: 0123520008, 0123520007, 0123510021, 0123510018, 0123510004

Servicing: Mercedes-Benz  
Grooves 6, Total length 191.00,  
Pulley SP, Fan IF

A: 81.80 B: 56.00 mm

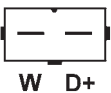


**111883** Alternator 14 V, 115 Amp

Replacing: 0123510101, 0123510080, 0123510049, 0123510038

Servicing: Mercedes-Benz  
Grooves 6, Total length 205.00,  
Pulley SP/FW, Fan IF

A: 92.00 B: 56.00 mm



**111884** Alternator 14 V, 90 Amp

Replacing: 0123320038, 0123310049

Servicing: Seat, VW  
Terminal W, Grooves 6,  
Total length 188.00, Pulley SP/FW, Fan IF

A: 39.50 B: 14.00 C: 61.50 mm



**111886** Alternator 28 V, 65 Amp

Replacing: 6033GB3034, 6033GB3033, 0120468131

Servicing: Scania  
Terminal W, Total length 190.00,  
Pulley w/o, Fan w/o  
B: 23.25 C: 68.70 mm



**111888** Alternator 14 V, 65 Amp

Replacing: F005A00023, 0120489475, 0120488293, 0120488205

Servicing: Case, John Deere  
Terminal W, Grooves 8,  
Total length 192.00, Pulley SP, Fan EF  
A: 81.00 B: 50.60 mm



**111890** Alternator 14 V, 90 Amp

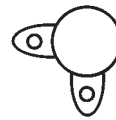
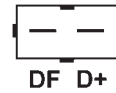
Replacing: 0123340007, 0123320041

Servicing: Mercedes-Benz  
Terminal W, Grooves 6,  
Total length 192.00, Pulley SP/FW, Fan IF  
A: 92.00 B: 56.00 mm



**111893** Alternator 14 V, 70 Amp

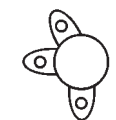
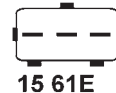
Replacing: 0123310012  
Servicing: Citroen, Fiat, Peugeot  
Grooves 6, Total length 177.00.00,  
Pulley SP, Fan EF  
A: 91.45 B: 56.00 mm



**111894** Alternator 14 V, 115 Amp

Replacing: 0123515028, 0123515013

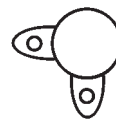
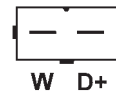
Servicing: Volvo  
Terminal DF, Grooves 6,  
Total length 198.00, Pulley SP, Fan IF  
A: 40.50 B: 14.00 C: 59.00 mm



**111895#** Alternator 14 V, 140 Amp

Replacing: B120510510, 0123515023, 0123515010, 0123515002, 0123515001

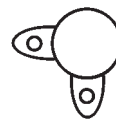
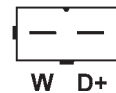
Servicing: BMW  
Grooves 7, Total length 201.00,  
Pulley SP, Fan IF  
A: 65.50 B: 28.00 mm



**111898** Alternator 14 V, 120 Amp

Replacing: B120510614, 0123515016, 0123510026, 0123505016

Servicing: VW  
Terminal W, Grooves 6,  
Total length 205.00, Pulley SP, Fan IF  
A: 40.00 B: 14.25 C: 61.00 mm



**111899** Alternator 14 V, 90 Amp

Replacing: 0123320018  
Servicing: VW  
Terminal W, Grooves 6,  
Total length 188.00, Pulley SP, Fan IF  
A: 39.50 B: 14.00 C: 61.00 mm




**111902** Alternator 14 V, 115 Amp

Replacing: 0123510100, 0123510081, 0123510079, 0123510068, 0123510050, 0123510022

Servicing: Mercedes-Benz, VW

Grooves 6, Total length 186.00, Pulley SP, Fan IF

A: 82.00 B: 56.10 mm


**111967** Alternator 14 V, 90 Amp

Replacing: 0124325023

Servicing: Mercedes-Benz

Grooves 5, Total length 177.00, Pulley SP, Fan IF

A: 30.00 B: 140.00 C: 41.20 mm


**111978** Alternator 14 V, 120 Amp

Replacing: 6033GB2009, 0120484021, 0120484015

Servicing: Claas, Fendt

Terminal W, Total length 170.00, Pulley w/o, Fan EF

B: 56.00 mm


**111980** Alternator 14 V, 70 Amp

Replacing: 0123310051, 0123310033

Servicing: Ford, Nissan

Grooves 1, Total length 179.00, Pulley P, Fan IF

No W terminal.

A: 42.00 B: 13.00 C: 80.90 mm

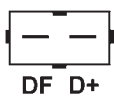

**111987** Alternator 28 V, 55 Amp

Replacing: 6333G3013B, 0120469999, 0120469978, 0120469849, 0120469679, 0120469673, 0120469113, 0120469110

Servicing: Iveco

Terminal W, Total length 178.00, Pulley w/o, Fan EF

B: 17.00 C: 63.80 mm


**111988** Alternator 14 V, 120 Amp

Replacing: 0123515018, 0123515014, 0123510027, 0123505011

Servicing: Ford, Seat, VW

Grooves 6, Total length 194.00, Pulley SP, Fan IF

A: 39.00 B: 13.90 C: 59.00 mm


**111989** Alternator 14 V, 90 Amp

Replacing: 0124325137, 0124325135, 0124325003

Servicing: Audi, Seat, Skoda, VW

Grooves 6, Total length 186.50, Pulley SP, Fan IF

 Alternative no.: 115482 ★

A: 39.60 B: 14.00 C: 61.00 mm

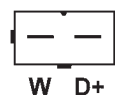

**111990** Alternator 14 V, 70 Amp

Replacing: 0124225050, 0124225046, 0124225024, 0124225002

Servicing: Opel, Vauxhall

Grooves 5, Total length 178.00, Pulley SP, Fan IF

A: 55.00 B: 33.50 C: 56.00 mm


**111991** Alternator 14 V, 120 Amp

Replacing: 0123510005, 0123505010, 0120465021

Servicing: VW

Terminal W, Grooves 7, Total length 201.00, Pulley SP, Fan IF

A: 42.50 B: 14.00 C: 59.00 mm


**112002** Alternator 14 V, 120 Amp

Replacing: 0124515125, 0124515124, 0124515121, 0124515117, 0124515110, 0124515012, 0124515011, 0124515010

Servicing: Audi, Ford, Seat, Skoda, VW

Terminal W, Total length 180.00, Pulley w/o, Fan IF

Free wheel pulley: HC-CARGO 230293. Washer Bosch: HC-CARGO 139931. Washer hitachi: HC-CARGO 133948. As HC-CARGO 114797, but w/o pulley.

 Alternative no.: 115483 ★

B: 14.50 C: 61.00 mm


**112038** Alternator 28 V, 100 Amp

Replacing: 0120468066

Servicing: Timberjack

Terminal W, Total length 176.00, Pulley w/o, Fan w/o

B: 56.00 mm


**112043** Alternator 14 V, 90 Amp

Replacing: 0124325004

Servicing: VW

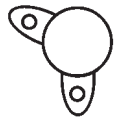
Terminal DF, Grooves 6, Total length 184.50, Pulley SP, Fan IF

A: 40.00 B: 14.00 C: 61.00 mm





**112045** Alternator 14 V, 120 Amp  
 Replacing: 0123515008  
 Servicing: Audi, VW  
 Terminal DF, Grooves 5,  
 Total length 184.00, Pulley SP, Fan IF  
 A: 30.00 B: 14.00 C: 59.00 mm



**112046** Alternator 14 V, 95 Amp  
 Replacing: 0986041840, 0120484001  
 Servicing: Deutz-Fahr, Iveco  
 Terminal W, Total length 170.00,  
 Pulley w/o, Fan EF  
 B: 56.00 mm



**112056** Alternator 14 V, 70 Amp  
 Replacing: 0120489342, 0120488204,  
 0120488202, 0120488187, 0120488186,  
 0120488169, 0120488168, 0120488100  
 Servicing: Opel, Vauxhall  
 Terminal W, Grooves 1,  
 Total length 165.00, Pulley P, Fan EF  
 A: 87.00 B: 56.00 mm



**112062** Alternator 14 V, 115 Amp  
 Manufacturer: Bosch  
 Replacing: 0986046030, 0124515126,  
 0123512500  
 Servicing: John Deere  
 Total length 177.00, Pulley w/o, Fan SP/IF  
 SP/IF: HC-CARGO 235718 can be used.  
 B: 56.00 mm



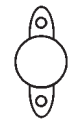
**112072** Alternator 14 V, 120 Amp  
 Replacing: 0124515054, 0124515019  
 Servicing: Volvo  
 Grooves 6, Total length 194.00,  
 Pulley SP/IF, Fan IF  
 A: 44.50 B: 20.20 C: 82.00 mm



**112073** Alternator 14 V, 80 Amp  
 Manufacturer: Bosch  
 Replacing: 0124325006  
 Servicing: Chrysler, Honda  
 Grooves 6, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 90.80 B: 56.00 mm



**112075** Alternator 14 V, 70 Amp  
 Replacing: 0124315035, 0124315004,  
 0124315003  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 182.00,  
 Pulley SP, Fan IF  
 A: 40.00 B: 14.00 C: 60.75 mm



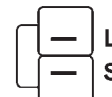
**112076** Alternator 28 V, 80 Amp  
 Replacing: 0120468999, 0120468139,  
 0120468130, 0120468129, 0120468124,  
 0120468116, 0120468094, 0120468065  
 Servicing: Iveco, Renault V.I., Scania  
 Terminal W, Total length 183.00,  
 Pulley w/o, Fan EF  
 B: 27.00 C: 72.10 mm



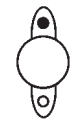
**112078** Alternator 14 V, 120 Amp  
 Replacing: 0124515018, 0124515017  
 Servicing: Volvo  
 Grooves 6, Total length 194.00,  
 Pulley SP, Fan IF  
 A: 44.50 C: 82.00 mm



**112079** Alternator 14 V, 90 Amp  
 Replacing: 0124325149, 0124325131,  
 0124325101, 0124325088, 0124325073,  
 0124325012, 0124325001  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Grooves 6, Total length 170.00,  
 Pulley SP/IF, Fan IF  
 Alternative no.: 114789   
 A: 39.00 B: 14.00 C: 61.00 mm



**112086** Alternator 14 V, 60 Amp  
 Replacing: 9120334632, 9120334631  
 Servicing: Audi, Ford, Nissan  
 Grooves 1, Total length 247.00, Pulley P,  
 Fan EF  
 A: 42.00 B: 13.10 C: 80.40 mm



**112087** Alternator 14 V, 55 Amp  
 Replacing: 9120334640, 9120334636,  
 9120334628, 9120334627, 9120144616,  
 9120144615, 9120144611, 9120144610  
 Servicing: Nissan  
 Grooves 1, Total length 222.00, Pulley P,  
 Fan EF  
 A: 44.50 B: 13.50 C: 80.50 mm


**112097** Alternator 28 V, 30 Amp

Replacing: 0986041940, 0986031340, 0120489796, 0120489795, 0120489794, 0120489793, 0120489792, 0120489639

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

Grooves 1, Total length 174.00, Pulley P, Fan w/o

A: 45.00 B: 17.00 C: 63.00 mm


**112098** Alternator 14 V, 65 Amp

Replacing: 0986039800, 0986038050, 0986031270, 0986030170, 0986030150, 0120489711, 0120489710, 0120489294

Servicing: Case, Claas, Eicher, Iveco, Lamborghini, Mercedes-Benz, NSU, Steyr, Zetor

Terminal W, Grooves 1, Total length 171.00, Pulley P, Fan EF

A: 77.00 B: 56.00 mm


**112144** Alternator 14 V, 98 Amp

Replacing: 0124415043, 0124415041, 0124415040, 0124415038, 0124415014, 0124415013, 0124415007, 0124325185

Servicing: Dacia, Nissan, Renault

Total length 194.00, Pulley w/o, Fan IF Freewheel Pulley: HC-CARGO 332319.

A: 19.50 B: 80.10 C: 40.50 mm


**112149** Alternator 14 V, 65 Amp

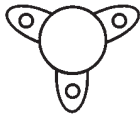
Manufacturer: Bosch

Replacing: 9127041201, 9127041200, 0120489437, 0120489436, 0120489365, 0120489363, 0120489362, 0120489185

Servicing: Audi, Seat, VW

Terminal W, Grooves 1, Pulley P, Fan EF

A: 109.80 B: 56.00 mm


**112159** Alternator 28 V, 80 Amp

Replacing: B120500755, 6033GB3054, 6033GB3006, 0120468138, 0120468137, 0120468118, 0120468117, 0120468115

Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.

Terminal W, Total length 186.00, Pulley w/o, Fan EF

B: 80.40 mm


**112160** Alternator 28 V, 75 Amp

Replacing: 0986081030

Servicing: Cummins, International Harv., John Deere, Komatsu, New Holland, Timberjack

Total length 215.50, Pulley w/o, Fan EF

Replacing: 21SI. One wire system.

B: 14.25 C: 101.50 mm


**112170** Alternator 28 V, 45 Amp

Replacing: 0120489481, 0120489071, 0120488294, 0120488206

Servicing: Case, John Deere, Komatsu

Terminal W, Total length 172.30,

Pulley w/o, Fan EF

Dust proof.

B: 51.00 mm


**112182** Alternator 28 V, 80 Amp

Replacing: 112182

Servicing: Scania

Terminal W, Total length 182.00,

Pulley w/o, Fan w/o

As HC-CARGO 111834 (55 A).

B: 80.10 mm


**112189** Alternator 28 V, 80 Amp

Replacing: 0120468162, 0120468154, 0120468140

Servicing: Renault V.I.

Terminal W, Total length 185.50,

Pulley w/o, Fan EF, Insulated return

B: 27.00 C: 71.25 mm


**112190** Alternator 14 V, 90 Amp

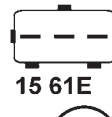
Replacing: 0124415011, 0124325145, 0124325059, 0124325058, 0124325009

Servicing: Fiat, Lancia

Grooves 5, Total length 194.00,

Pulley SP, Fan IF

A: 58.35 B: 25.00 C: 70.65 mm



15 61E


**112193** Alternator 14 V, 120 Amp

Replacing: 0124515050, 0123515022, 0123515004

Servicing: BMW

Grooves 6, Total length 236.00,

Pulley SP, Fan IF

A: 69.00 B: 28.00 C: 74.50 mm


**112194** Alternator 14 V, 120 Amp

Replacing: 0986037990, 0986037380, 0986037340, 0123545004, 0123540004, 0123540003, 0123540002, 0123510023

Servicing: Mercedes-Benz, Ssangyong, Various Agriculture Vehicles

Terminal W, Grooves 6,

Total length 184.00, Pulley SP, Fan IF

A: 82.20 B: 56.00 mm





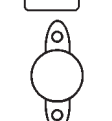
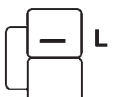
**112196** Alternator 14 V, 143 Amp  
 Manufacturer: Bosch  
 Replacing: 0986043130, 0986041060,  
 0124615053, 0123510075, 0123510074, 0123510060  
 Servicing: Fendt, Mercedes-Benz  
 Total length 177.00, Pulley w/o, Fan IF  
 Bosch Type.  
 Alternative no.: 115987  
 B: 56.00 mm



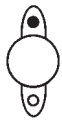
**112197** Alternator 14 V, 115 Amp  
 Replacing: 0124615035, 0124515118,  
 0124515114, 0124515091, 0124515064,  
 0124515061, 0123510108, 0123510107  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 176.00,  
 Pulley SP/FW, Fan IF  
 A: 31.00 B: 69.80 C: 56.00 mm



**112198<sup>#</sup>** Alternator 14 V, 105 Amp  
 Replacing: 0124415006  
 Servicing: Ford  
 Grooves 6, Total length 178.00,  
 Pulley SP, Fan IF  
 A: 33.50 B: 14.00 C: 59.00 mm



**112207** Alternator 14 V, 70 Amp  
 Replacing: 9120334635  
 Servicing: Nissan  
 Grooves 2, Total length 250.50,  
 Pulley DP, Fan EF  
 A: 41.85 B: 13.00 C: 80.00 mm



**112229** Alternator 14 V, 70 Amp  
 Replacing: 0124225028, 0123120001  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 183.00,  
 Pulley SP, Fan IF  
 A: 51.00 B: 33.50 C: 57.50 mm



**112230** Alternator 14 V, 80 Amp  
 Replacing: 0120335012  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 42.00 B: 27.20 C: 66.50 mm



**112273** Alternator 14 V, 70 Amp  
 Replacing: 0124315005  
 Servicing: Seat, Skoda, VW  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 41.00 B: 14.00 C: 60.80 mm



**112274** Alternator 14 V, 90 Amp  
 Replacing: 0124325150, 0124325032,  
 0124325013  
 Servicing: Seat, Skoda, VW  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 39.50 B: 14.10 C: 61.40 mm



**112288** Alternator 28 V, 55 Amp  
 Replacing: B120421892, 0986034070,  
 0120469753, 0120469752, 0120469580,  
 0120469579, 0120450015, 0120450010  
 Servicing: MAN, Mercedes-Benz, Steyr  
 Terminal W, Total length 177.50,  
 Pulley w/o, Fan w/o  
 B: 56.00 mm



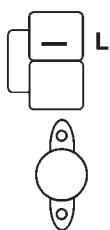
**112302** Alternator 28 V, 120 Amp  
 Replacing: 0120689550, 0120689539,  
 0120689538, 0120689524, 0120689516  
 Servicing: Iveco  
 Total length 313.00, Pulley w/o, Fan EF  
 B- M8.  
 B: 16.00 C: 86.00 mm



**112310** Alternator 14 V, 55 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 0986031070, 0120489534, 0120489533  
 Servicing: BMW, Volvo BM  
 Grooves 1, Total length 168.00, Pulley P,  
 Fan EF  
 A: 74.00 B: 50.70 mm



**112325** Alternator 14 V, 70 Amp  
 Replacing: 9124476048  
 Servicing: Ford  
 Terminal W, Grooves 5,  
 Total length 170.00, Pulley SP, Fan IF  
 D+ may be w/ M4.  
 A: 33.00 B: 14.20 C: 75.50 mm



**112329** Alternator 14 V, 70 Amp  
 Replacing: 9120334626, 9120334625,  
 0120334625  
 Servicing: Nissan  
 Terminal W, Grooves 2,  
 Total length 250.00, Pulley DP, Fan EF  
 A: 43.00 B: 13.20 C: 80.40 mm



**112343** Alternator 28 V, 140 Amp  
 Replacing: 0120689573, 0120689566,  
 0120689561, 0120689552, 0120689548,  
 0120689543, 0120689514, 0120689511  
 Servicing: Renault V.I., Scania, Volvo  
 Terminal W, Total length 304.50,  
 Pulley w/o, Fan EF  
 B- M8. Shaft 30 mm.  
 B: 15.30 C: 182.00 mm



**112345** Alternator 28 V, 55 Amp  
 Replacing: 0120469798, 0120469014  
 Servicing: Volvo  
 Terminal W, Total length 179.50,  
 Pulley w/o, Fan w/o  
 B: 51.50 mm



**112394** Alternator 14 V, 70 Amp  
 Replacing: 9120334642, 6033GB4018  
 Servicing: Nissan  
 Grooves 1, Total length 234.00, Pulley P,  
 Fan EF  
 A: 41.90 B: 13.50 C: 80.00 mm



**112396** 5★ Alternator 14 V, 90 Amp  
 Manufacturer: Valeo  
 Replacing: 0124325049, 0124325018  
 Servicing: Audi, VW  
 Grooves 5, Total length 174.00,  
 Pulley SP/FW, Fan IF  
 A: 30.00 B: 14.00 C: 60.85 mm



**112397** Alternator 14 V, 120 Amp  
 Replacing: 0124515083, 0124515026  
 Servicing: Audi, Skoda, VW  
 Grooves 5, Total length 188.00,  
 Pulley SP/FW, Fan IF  
 A: 29.85 B: 14.10 C: 61.00 mm



**112399** 5★ Alternator 14 V, 90 Amp  
 Manufacturer: Valeo  
 Replacing: 0124325025, 0124325019,  
 0124325017  
 Servicing: Audi, Skoda, VW  
 Grooves 5, Total length 163.50,  
 Pulley SP, Fan IF  
 A: 34.65 B: 14.00 C: 82.50 mm



**112402** 5★ Alternator 14 V, 120 Amp  
 Manufacturer: Bosch  
 Replacing: 0124515057, 0124515035  
 Servicing: Audi, Skoda, VW  
 Terminal W, Grooves 6,  
 Total length 193.50, Pulley SP, Fan IF  
 A: 39.00 B: 14.50 C: 61.40 mm



**112406** Alternator 14 V, 90 Amp  
 Replacing: 0123315503, 0123315500  
 Servicing: Iveco  
 Grooves 1, Total length 200.50, Pulley P,  
 Fan IF  
 A: 48.30 B: 14.00 C: 82.00 mm



**112407** Alternator 14 V, 90 Amp  
 Replacing: 0124320001  
 Servicing: Iveco, Multicar  
 Grooves 6, Total length 190.50,  
 Pulley SP, Fan IF  
 A: 46.50 B: 14.00 C: 82.00 mm



**112413** 5★ Alternator 14 V, 90 Amp  
 Manufacturer: Valeo  
 Replacing: 0123325015, 0123325011,  
 0123315022  
 Servicing: BMW  
 Grooves 6, Total length 206.00,  
 Pulley SP, Fan IF  
 A: 47.00 B: 20.00 C: 74.00 mm



**112414** Alternator 14 V, 85 Amp  
 Replacing: 0124225011, 0124225010  
 Servicing: MG, Rover  
 Grooves 5, Total length 177.50,  
 Pulley SP, Fan IF  
 A: 89.50 B: 58.00 mm

## ALTERNATORS

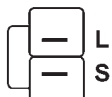




**112415** Alternator 14 V, 120 Amp  
 Replacing: Bosch  
 Replacing: 0124515080, 0124515005  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 51.00 B: 33.40 C: 57.20 mm



**112416** Alternator 14 V, 100 Amp  
 Replacing: 0124425022, 0124415002  
 Servicing: Holden, Opel, Vauxhall  
 Grooves 5, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 53.50 B: 33.50 C: 58.30 mm



**112418** Alternator 14 V, 90 Amp  
 Replacing: 0124325008  
 Servicing: Mitsubishi  
 Grooves 5, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 38.00 B: 12.90 C: 66.40 mm



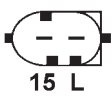
**112419** Alternator 14 V, 70 Amp  
 Replacing: 0124315014  
 Servicing: Seat, Skoda  
 Grooves 5, Total length 177.00,  
 Pulley SP, Fan IF  
 A: 35.00 B: 14.00 C: 81.60 mm



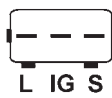
**112424** Alternator 28 V, 140 Amp  
 Replacing: 0120689562  
 Servicing: Scania  
 Total length 285.00, Pulley w/o, Fan EF  
 B- M8. Shaft 30 mm.  
 B: 15.50 C: 182.00 mm



**112425** Alternator 14 V, 150 Amp  
 Replacing: 0124615033, 0124615019,  
 0124615015, 0123520023  
 Servicing: Mercedes-Benz  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 86.00 B: 70.00 C: 65.00 mm



**112426** Alternator 14 V, 150 Amp  
 Replacing: 0122468015, 01220AA1J0,  
 01220AA1H0  
 Servicing: BMW, Land Rover  
 Grooves 6, Total length 160.00,  
 Pulley SP, Fan w/o  
 Water cooled.



**112427** Alternator 28 V, 90 Amp  
 Replacing: 0123525502  
 Servicing: Iveco  
 Grooves 12, Total length 198.00,  
 Pulley SP, Fan IF  
 Alternative no.: 115871   
 A: 90.00 B: 57.60 mm



**112428** Alternator 14 V, 150 Amp  
 Replacing: 01220AA3D0, 01220AA2A0,  
 01220AA1P0, 01220AA1A0, 01220AA0R0,  
 01220AA0D0, 01220AA0B0, 01220AA000  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 248.00,  
 Pulley SP/FW, Fan w/o  
 Water cooled.  
 Alternative no.: 115673   
 A: 63.75 B: 90.15 C: 146.00 mm



**112453** Alternator 14 V, 85 Amp  
 Replacing: 0120469860/875, 0120469710,  
 0120469666, 0120469647, 0120469646  
 Servicing: Alfa Romeo, Fiat, Iveco, Lancia  
 Total length 174.00, Pulley w/o, Fan EF  
 B: 16.90 C: 63.00 mm



**112460** Alternator 14 V, 150 Amp  
 Replacing: 0124615002  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 177.00,  
 Pulley SP, Fan IF  
 A: 43.60 B: 22.00 C: 45.60 mm



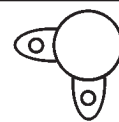
**112461** Alternator 14 V, 150 Amp  
 Replacing: 0124615027  
 Servicing: Alfa Romeo, Citroen, Fiat, Lancia,  
 Peugeot, Suzuki  
 Grooves 6, Total length 188.00,  
 Pulley SP/FW, Fan IF  
 A: 42.50 B: 22.00 C: 45.00 mm



**112493** Alternator 28 V, 65 Amp  
 Replacing: 0120468147, 0120468054  
 Servicing: Case  
 Terminal W, Total length 232.00,  
 Pulley w/o, Fan EF  
 B: 14.00 C: 100.00 mm



**112539** Alternator 14 V, 110 Amp  
 Replacing: 0986037970, 0123510059, 0123510040,  
 0120465017, 0120465016, 0120465014  
 Servicing: Mercedes-Benz  
 Terminal W, Grooves 6,  
 Total length 194.00, Pulley SP, Fan IF  
 A: 84.00 B: 56.00 mm



**112687** Alternator 14 V, 80 Amp  
 Replacing: 0120485048, 0120469967  
 Servicing: BMW  
 Grooves 6, Total length 236.00,  
 Pulley SP, Fan IF  
 A: 69.00 B: 28.00 C: 76.50 mm



**112529** Alternator 14 V, 90 Amp  
 Replacing: 0986046000, 0986041040,  
 0986038176, 0986038170, 0123335003,  
 0123320061, 0123320045, 0123320010  
 Servicing: Daewoo, John Deere, Mercedes-Benz,  
 Ssangyong  
 Terminal W, Grooves 6,  
 Total length 200.00, Pulley SP, Fan IF  
 A: 92.00 B: 56.10 mm



**112557** Alternator 14 V, 120 Amp  
 Replacing: B120510079, B120510078,  
 0123545003, 0123545001, 0123505014,  
 0123500014, 0123500004, 0123315021  
 Servicing: Renault, Volvo  
 Grooves 6, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 47.80 B: 21.00 C: 55.50 mm



**112689#** Alternator 14 V, 55 Amp  
 Replacing: 0123100002  
 Servicing: Opel, Vauxhall  
 Grooves 1, Total length 176.00, Pulley P,  
 Fan IF  
 A: 53.00 B: 34.00 C: 59.00 mm



**112530** Alternator 14 V, 120 Amp  
 Replacing: 0123510067, 0123510066,  
 0123510051, 0123510039, 0123510012  
 Servicing: Daewoo, Mercedes-Benz,  
 Ssangyong  
 Grooves 6, Total length 201.00,  
 Pulley SP, Fan IF  
 A: 92.50 B: 56.10 mm



**112561** Alternator 28 V, 80 Amp  
 Replacing: 6033GB3027, 6033GB3022,  
 6033GB3019, 0120469117, 0120469116, 0120469115  
 Servicing: Mercedes-Benz  
 Terminal W, Total length 188.00,  
 Pulley w/o, Fan EF  
 B: 80.00 mm



**112693** Alternator 14 V, 115 Amp  
 Manufacturer: Bosch  
 Replacing: 0120468125, 0120468101,  
 0120468029  
 Servicing: Porsche  
 Pulley w/o, Fan IF



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**112535** Alternator 14 V, 120 Amp  
 Replacing: 0124515045  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 192.90,  
 Pulley SP, Fan IF  
 A: 91.95 B: 56.00 mm



**112680** Alternator 14 V, 70 Amp  
 Replacing: B120411528, 0123310053,  
 0123310029  
 Servicing: Ford  
 Terminal W, Grooves 6,  
 Total length 173.00, Pulley SP, Fan IF  
 A: 33.50 B: 14.00 C: 80.00 mm



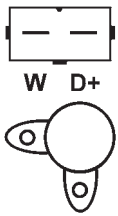
B+D+ W



**112698** Alternator 14 V, 100 Amp  
 Replacing: F010LD0201  
 Servicing: Ford  
 Terminal W, Grooves 6,  
 Total length 178.00, Pulley SP, Fan IF  
 A: 33.00 B: 14.10 C: 83.30 mm

## ALTERNATORS

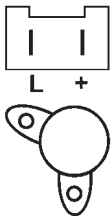




**112709** Alternator 14 V, 120 Amp  
 Replacing: 0123510053, 0123510007  
 Servicing: Ford, VW  
 Terminal W, Grooves 7,  
 Total length 195.00, Pulley SP, Fan IF  
 A: 43.00 B: 14.00 C: 61.00 mm



**112720** Alternator 14 V, 100 Amp  
 Replacing: 0124415010  
 Servicing: Opel, Vauxhall  
 Grooves 1, Total length 173.00, Pulley P,  
 Fan IF  
 A: 53.50 B: 33.40 C: 57.00 mm



**112728** Alternator 14 V, 55 Amp  
 Replacing: 9120144278, 9120144268,  
 9120144267  
 Servicing: Renault  
 Grooves 1, Total length 176.00, Pulley P,  
 Fan EF  
 A: 102.00 B: 56.00 mm



**112729** Alternator 14 V, 90 Amp  
 Replacing: 0120469863, 0120469768,  
 0120469739, 0120469738, 0120469737,  
 0120469736, 0120469735, 0120469734  
 Servicing: Audi, VW  
 Terminal W, Grooves 1,  
 Total length 170.00, Pulley P, Fan EF  
 A: 84.00 B: 55.60 mm



**112734** Alternator 14 V, 80 Amp  
 Replacing: 0120469948, 0120469946,  
 0120469928, 0120469897, 0120469896,  
 0120469894, 0120469812, 0120469811  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 188.00,  
 Pulley SP, Fan EF  
 A: 91.50 B: 56.00 mm



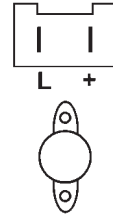
**112735** Alternator 14 V, 45 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 9120690298, 9120690291, 0120489444,  
 0120489443, 0120489368, 0120489367  
 Servicing: Audi, VW  
 Terminal W, Grooves 1,  
 Total length 186.00, Pulley P, Fan EF  
 A: 109.50 B: 56.30 mm



**112736** Alternator 14 V, 65 Amp  
 Replacing: 0986031330, 0120489756  
 Servicing: Deutz-Fahr, Fahr, Iveco  
 Terminal W, Grooves 1,  
 Total length 166.00, Pulley P, Fan EF  
 A: 76.50 B: 56.10 mm



**112742** Alternator 14 V, 90 Amp  
 Replacing: 0986032710, 0120469749,  
 0120469522, 0120469507  
 Servicing: Valtra, Volvo, Volvo BM  
 Terminal W, Grooves 2, Pulley DP,  
 Fan w/o  
 A: 72.50 B: 51.00 mm



**112744** Alternator 14 V, 60 Amp  
 Replacing: 9120144296, 9120144295  
 Servicing: Renault, Volvo  
 Grooves 5, Total length 162.50,  
 Pulley SP, Fan EF  
 A: 45.00 B: 27.00 C: 66.00 mm



**112746** Alternator 14 V, 80 Amp  
 Replacing: 0120469793, 0120469787,  
 0120469786, 0120469785, 0120469784  
 Servicing: Volvo  
 Grooves 2, Total length 163.00,  
 Pulley DP, Fan EF  
 A: 93.00 B: 71.00 mm

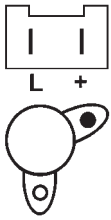


**112747** Alternator 28 V, 55 Amp  
 Replacing: 0986034430, 0120469772,  
 0120469585, 0120469521, 0120469520,  
 0120469519, 0120469102, 0120469030  
 Servicing: Deutz-Fahr, Ford, Iveco, KHD  
 Terminal W, Total length 177.00,  
 Pulley w/o, Fan EF  
 B: 56.00 mm



**112750** Alternator 14 V, 90 Amp  
 Replacing: 0120469953, 0120469889,  
 0120469888, 0120469839, 0120469832,  
 0120469823, 0120469822, 0120468122  
 Servicing: Audi, Seat, VW  
 Grooves 1, Total length 177.50, Pulley P,  
 Fan EF  
 A: 31.50 B: 14.00 C: 82.00 mm





**112756** Alternator 14 V, 60 Amp  
 Replacing: 9120144303, 9120144302  
 Servicing: Renault  
 Grooves 1, Total length 160.00, Pulley P, Fan EF  
 A: 56.00 B: 27.00 C: 65.00 mm



**112757** Alternator 28 V, 55 Amp  
 Replacing: 0120469963, 0120469920  
 Servicing: Scania, Volvo  
 Terminal W, Total length 185.00,  
 Pulley w/o, Fan EF  
 Bosch 0 120 469 963 = Insulated, HC-CARGO  
 112757 is not insulated.  
 B: 27.50 C: 68.00 mm



**112763** Alternator 14 V, 55 Amp  
 Replacing: 0120489383, 0120489382,  
 0120489005, 0120488265, 0120488239,  
 0120488197  
 Servicing: Seat, VW  
 Grooves 1, Total length 167.00, Pulley P,  
 Fan EF  
 A: 78.50 B: 56.00 mm



**112765** Alternator 14 V, 90 Amp  
 Replacing: B120500331, B120500330,  
 0120469723, 0120469722, 0120469021  
 Servicing: VW  
 Terminal W, Grooves 1,  
 Total length 185.00, Pulley P, Fan EF  
 A: 100.00 B: 55.80 mm



**112768** Alternator 14 V, 55 Amp  
 Replacing: 0986036230, 0120489457,  
 0120489402, 0120489019, 0120488195,  
 0120488194  
 Servicing: Alfa Romeo, Goldoni  
 Terminal W, Grooves 1,  
 Total length 172.00, Pulley P, Fan EF  
 A: 47.00 B: 15.00 C: 70.00 mm



**112771** Alternator 14 V, 90 Amp  
 Replacing: 0120469939, 0120469938,  
 0120469859, 0120469858  
 Servicing: Alfa Romeo, Fiat, Lancia  
 Grooves 5, Total length 180.00,  
 Pulley SP, Fan EF  
 A: 39.50 B: 14.30 C: 82.00 mm



**112773** Alternator 14 V, 135 Amp  
 Replacing: 0120468055  
 Servicing: Case, Cummins, John Deere, New  
 Holland  
 Terminal W, Total length 222.50,  
 Pulley w/o, Fan EF  
 B: 14.22 C: 100.00 mm



**112775** Alternator 14 V, 70 Amp  
 Replacing: 0120488255  
 Servicing: Opel, Vauxhall  
 Grooves 1, Total length 182.00, Pulley P,  
 Fan EF  
 A: 90.00 B: 55.90 mm



**112777** Alternator 14 V, 115 Amp  
 Replacing: B120501043, 0120468141,  
 0120468123, 0120468108, 0120468070,  
 0120468052, 0120468044, 0120468024  
 Servicing: Alfa Romeo, Audi, Lancia  
 Grooves 1, Total length 179.00, Pulley P,  
 Fan EF  
 A: 31.00 B: 14.00 C: 83.00 mm



**112780** Alternator 14 V, 90 Amp  
 Replacing: 0120469940, 0120469937,  
 0120469936, 0120469893, 0120469848,  
 0120469847, 0120469028  
 Servicing: BMW, Fiat, Lancia  
 Grooves 5, Total length 190.00,  
 Pulley SP, Fan EF  
 A: 48.75 B: 13.00 C: 82.00 mm



**112784** Alternator 28 V, 45 Amp  
 Replacing: 0120489303, 0120489060,  
 0120488643  
 Servicing: Volvo, Volvo Penta  
 Terminal W, Total length 174.00,  
 Pulley w/o, Fan w/o  
 B: 50.00 mm



**112799** Alternator 14 V, 100 Amp  
 Replacing: 0120468119, 0120468085,  
 0120468084  
 Servicing: VW  
 Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 100.00 B: 56.00 mm

## ALTERNATORS



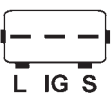
**112803** Alternator 28 V, 80 Amp  
 Replacing: 0120468114, 0120468037  
 Servicing: Volvo  
 Terminal W, Total length 181.50,  
 Pulley w/o, Fan EF  
 B: 51.00 mm



**112806** Alternator 14 V, 120 Amp  
 Replacing: 0123510061, 0123510014,  
 0123505009, 0123505007, 0120465023,  
 0120465022, 0120465008, 0120465007  
 Servicing: Audi, Vauxhall, VW  
 Grooves 6, Total length 198.00,  
 Pulley SP, Fan IF  
 A: 30.00 B: 14.10 C: 82.00 mm



**112810** Alternator 14 V, 65 Amp  
 Replacing: 0120488262, 0120488261,  
 0120488230  
 Servicing: Volvo  
 Grooves 2, Total length 170.00,  
 Pulley DP, Fan EF  
 A: 91.00 B: 71.00 mm



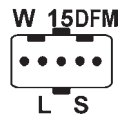
**112860<sup>#</sup>** Alternator 14 V, 80 Amp  
 Replacing: 0123325014, 0123325012,  
 0123325002  
 Servicing: GEO, Toyota  
 Grooves 5, Total length 179.00,  
 Pulley SP, Fan EF  
 Replacing: CS121.  
 A: 52.00 B: 28.00 C: 42.00 mm



**113186** Alternator 28 V, 55 Amp  
 Replacing: 0120469032  
 Servicing: Volvo  
 Terminal W, Total length 175.00,  
 Pulley w/o, Fan EF  
 Heavy duty type: HC-CARGO 113650 (80 A)..  
 B: 13.80 C: 83.00 mm



**113187** Alternator 14 V, 85 Amp  
 Manufacturer: Bosch  
 Replacing: 0120484009  
 Servicing: Citroen, Ferrari, Fiat, Lancia  
 Total length 168.00, Pulley w/o, Fan w/o  
 B: 17.00 C: 70.10 mm



**113188** Alternator 28 V, 70 Amp  
 Replacing: 0124555005  
 Servicing: Ginaf, Iveco  
 Terminal W, Total length 194.00,  
 Pulley w/o, Fan IF  
 Alternative no.: 115484   
 B: 14.10 C: 80.90 mm



**113252** Alternator 14 V, 140 Amp  
 Replacing: 0124525089, 0124525010  
 Servicing: Audi, VW  
 Total length 180.00, Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 332295.  
 B: 14.00 C: 61.00 mm



**113272** Alternator 14 V, 140 Amp  
 Replacing: 0124525029, 0124525014,  
 0124525001  
 Servicing: Volvo  
 Grooves 6, Total length 191.00,  
 Pulley SP/FW, Fan IF  
 A: 45.00 B: 30.00 C: 82.00 mm



**113273** Alternator 14 V, 140 Amp  
 Replacing: 0124525016  
 Servicing: Saab  
 Grooves 6, Total length 217.50,  
 Pulley SP, Fan IF  
 A: 118.40 B: 56.00 mm



**113274** Alternator 14 V, 200 Amp  
 Replacing: 0124625002  
 Servicing: Mercedes-Benz  
 Grooves 6, Pulley SP, Fan IF  
 A: 31.00 B: 93.35 C: 56.00 mm



**113275** Alternator 14 V, 120 Amp  
 Manufacturer: Bosch  
 Replacing: 0124525027, 0124515022  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 198.50,  
 Pulley SP/FW, Fan IF  
 A: 38.90 B: 14.25 C: 61.35 mm



L DFM


**113279** Alternator 14 V, 110 Amp

Replacing: 0124325053

Servicing: Fiat, Iveco

Grooves 7, Total length 188.50,

Pulley SP, Fan IF

A: 40.50 B: 13.90 C: 81.25 mm



L


**113280** Alternator 14 V, 90 Amp

Replacing: 0124325052, 0124320002

Servicing: Iveco, Renault V.I.

Terminal W, Grooves 6,

Total length 191.00, Pulley SP, Fan IF

A: 46.75 B: 13.70 C: 81.10 mm



L DFM


**113283** Alternator 14 V, 120 Amp

 Replacing: 0124515034, 0124515027,  
0124515024

Servicing: Audi, Skoda, VW

Grooves 5, Total length 181.50,

Pulley SP, Fan IF

A: 34.25 B: 14.00 C: 82.00 mm

W 15DFM



L S


**113284** Alternator 28 V, 80 Amp

 Replacing: 0124555041, 0124555040,  
0124555003

Servicing: Bova, DAF, Solaris

Terminal W, Total length 183.50,

Pulley w/o, Fan IF

Alternative no.: 115491

B: 80.50 mm



LDFMS


**113285** Alternator 14 V, 75 Amp

 Replacing: B120416351, 0124315100,  
0124315027, 0124315019

Servicing: Ford

Grooves 7, Total length 218.50,

Pulley SP/FW, Fan IF

w/ single pulley: HC-CARGO 113544.

A: 38.60 B: 55.25 C: 74.50 mm



15 W


**113289** Alternator 28 V, 90 Amp

Replacing: 0123525501

Servicing: MAN, Neoplan

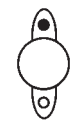
Terminal W, Total length 189.00,

Pulley w/o, Fan IF

B: 80.20 mm



W L


**113291** Alternator 14 V, 55 Amp

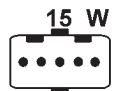
Replacing: 9120334641, 6033GB4009

Servicing: Nissan

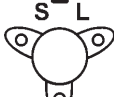
Terminal W, Grooves 1,

Total length 231.00, Pulley P, Fan EF

A: 39.30 B: 13.40 C: 80.00 mm



15 W


**113295** Alternator 28 V, 55 Amp

Replacing: 0123325500

Servicing: MAN

Terminal W, Total length 180.00,

Pulley w/o, Fan IF

B: 80.25 mm


 S DFM  
M  
IG L

**113296** Alternator 14 V, 80 Amp

 Replacing: 0124315029, 0124315025,  
0124315024, 0124315016

Servicing: Toyota

Grooves 6, Total length 169.00,

Pulley SP, Fan IF

A: 33.45 B: 17.85 C: 40.00 mm



LDFMS


**113298** Alternator 14 V, 105 Amp

 Replacing: 0124415032, 0124415030,  
0124415016

Servicing: Ford

Grooves 6, Total length 179.50,

Pulley SP, Fan IF

A: 40.00 B: 56.00 C: 75.00 mm



L DFM


**113300** Alternator 14 V, 120 Amp

Replacing: 0124515046

Servicing: Mercedes-Benz

Grooves 6, Total length 193.00,

Pulley SP, Fan IF

A: 92.00 B: 56.00 mm



L DFM


**113301** Alternator 14 V, 90 Amp

Replacing: 0124325045, 0124325040

Servicing: Mercedes-Benz

Grooves 6, Total length 183.00,

Pulley SP, Fan IF

A: 91.50 B: 56.00 mm

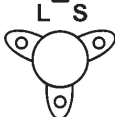
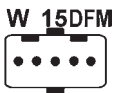




**113302** Alternator 14 V, 120 Amp  
 Replacing: 0124515132, 0124515056  
 Servicing: Chrysler, Mercedes-Benz  
 Grooves 6, Total length 184.50,  
 Pulley SP, Fan IF  
 A: 82.00 B: 56.00 mm



**113340** Alternator 14 V, 70 Amp  
 Replacing: 0124315032, 0124315001  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 192.50,  
 Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.00 C: 62.00 mm



**113351** Alternator 28 V, 100 Amp  
 Replacing: 0124655097, 0124655034,  
 0124655023, 0124655016, 0124655004,  
 0124655002, 0124655001, 0124555065  
 Servicing: Mercedes-Benz  
 Terminal W, Total length 196.00,  
 Pulley w/o, Fan IF  
 Alternative no.: 115557 5★  
 B: 80.00 mm



**113352** Alternator 14 V, 120 Amp  
 Replacing: 0124515095, 0124515033,  
 0124425056, 0124425053, 0124425019,  
 0124425004, 0124415026, 0124415025  
 Servicing: Holden, Opel, Saab, Vauxhall  
 Grooves 5, Total length 186.00,  
 Pulley SP, Fan IF  
 A: 32.00 B: 79.50 C: 57.00 mm



**113376** Alternator 14 V, 55 Amp  
 Replacing: 0120489769, 0120489768,  
 0120489636, 0120489635, 0120489626,  
 0120489625, 0120489586, 0120489585  
 Servicing: Bedford, Opel, Vauxhall  
 Terminal W, Grooves 1,  
 Total length 167.50, Pulley P, Fan EF  
 A: 76.60 B: 56.20 mm



**113442** Alternator 14 V, 90 Amp  
 Replacing: 0123320062, 0123320047  
 Servicing: Mercedes-Benz  
 Terminal W, Grooves 6,  
 Total length 186.50, Pulley SP/FW, Fan IF  
 A: 84.80 B: 56.00 mm



**113447** Alternator 14 V, 70 Amp  
 Replacing: 0123310054, 0123310050,  
 0123310023  
 Servicing: Ford, Mazda  
 Grooves 6, Total length 174.00,  
 Pulley SP, Fan IF  
 A: 33.00 B: 13.90 C: 80.20 mm



**113448** Alternator 28 V, 100 Amp  
 Replacing: 6033GB3083, 6033GB3023,  
 6033GB3010, 0120501151, 0120469119,  
 0120468145, 0120468143  
 Servicing: Mercedes-Benz  
 Terminal W, Total length 211.00,  
 Pulley w/o, Fan EF  
 B: 80.00 mm



**113469** 5★ Alternator 14 V, 33 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 0986033070, 0120339526  
 Servicing: Marshall, Steyr  
 Grooves 1, Total length 156.00, Pulley P,  
 Fan EF  
 Dust proof.  
 A: 75.50 B: 55.90 mm



**113470** Alternator 28 V, 35 Amp  
 Replacing: 0120488283, 0120488234, 0120488153  
 Servicing: Iveco, KHD, Liebherr  
 Terminal W, Grooves 1,  
 Total length 174.00, Pulley P, Fan w/o  
 A: 77.00 B: 55.80 mm



**113474** 5★ Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 9124476014  
 Servicing: Austin, Landini, Massey Ferguson,  
 Rover  
 Terminal W, Grooves 1,  
 Total length 171.50, Pulley P, Fan EF  
 A: 35.90 B: 11.00 C: 82.55 mm



**113477** Alternator 28 V, 55 Amp  
 Replacing: 0986033841  
 Servicing: DAF, Volvo, Volvo BM, Volvo Penta  
 Terminal W, Total length 184.00,  
 Pulley w/o, Fan EF, Insulated return  
 B: 50.80 mm



**113485** Alternator 14 V, 80 Amp  
 Replacing: 0123310010  
 Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki  
 Grooves 6, Total length 166.00,  
 Pulley SP, Fan IF  
 A: 92.00 B: 56.00 mm



**113486** Alternator 14 V, 90 Amp  
 Replacing: 0123320058, 0123320035  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 168.50,  
 Pulley SP, Fan IF  
 A: 91.85 B: 56.00 mm



**113489** Alternator 14 V, 150 Amp  
 Replacing: 0123520017, 0123520013,  
 0123520012, 0123520011, 0123520006  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 192.50,  
 Pulley SP, Fan IF  
 A: 82.30 B: 56.00 mm



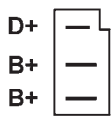
**113510** Alternator 14 V, 140 Amp  
 Replacing: 0124615007, 0124525520,  
 0124525087, 0124525008  
 Servicing: Audi, Skoda, VW  
 Grooves 6, Total length 181.00,  
 Pulley SP, Fan IF  
 A: 30.00 B: 14.10 C: 82.00 mm



**113531** Alternator 14 V, 120 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: F005A00025, 9120060042,  
 0986039810, 0120484019, 0120484017, 0120484012  
 Servicing: John Deere  
 Terminal W, Total length 172.00,  
 Pulley w/o, Fan w/o  
 B: 56.20 mm



**113536** Alternator 14 V, 90 Amp  
 Replacing: 0124325148, 0124325060  
 Servicing: Alfa Romeo  
 Grooves 6, Total length 197.00,  
 Pulley SP, Fan IF  
 A: 44.50 B: 16.90 C: 54.30 mm



**113574** Alternator 14 V, 65 Amp  
 Replacing: 0986033940, 0120489959,  
 0120489958  
 Servicing: Case, New Holland, Valtra  
 Terminal W, Grooves 1,  
 Total length 177.50, Pulley P, Fan EF  
 A: 36.85 B: 10.40 C: 83.00 mm



**113611** Alternator 14 V, 90 Amp  
 Replacing: 0986034940, 0986033090,  
 0120469895, 0120469687, 0120469540,  
 0120469526, 0120469506, 0120469013  
 Servicing: Claas, Mercedes-Benz  
 Terminal W, Total length 185.00,  
 Pulley w/o, Fan EF  
 B: 80.10 mm



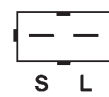
**113632** Alternator 14 V, 85 Amp  
 Manufacturer: Bosch  
 Replacing: 0986037450, 0986036800,  
 012060040, 0120489317, 0120489156,  
 0120488217, 0120484020, 0120484016  
 Servicing: John Deere, Lada  
 Terminal W, Total length 170.00,  
 Pulley w/o, Fan IF  
 B: 56.10 mm



**113640** Alternator 14 V, 150 Amp  
 Replacing: 0124525035  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 Grooves 6, Total length 177.50,  
 Pulley SP/FW, Fan IF  
 As HC-CARGO 116067, but w/ pulley.  
 Alternative no.: 116067  
 A: 42.50 B: 21.20 C: 45.80 mm



**113707** Alternator 14 V, 200 Amp  
 Manufacturer: Bosch  
 Replacing: 0124625031  
 Servicing: John Deere, Various Industrial  
 applications  
 Total length 174.50, Pulley w/o, Fan IF  
 B: 56.00 mm



**113716** Alternator 14 V, 120 Amp  
 Replacing: F005A00020, 9120060038, 9120060028,  
 9120060023, 0120488296, 0120484049, 0120484028  
 Servicing: Thermo King, Yanmar  
 Terminal W, Total length 167.50,  
 Pulley w/o, Fan EF  
 B: 51.00 mm

## ALTERNATORS





**113722** Alternator 14 V, 90 Amp  
 Manufacturer: Valeo  
 Replacing: 0124225063  
 Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki, Vauxhall  
 Grooves 6, Total length 187.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 115963  
 A: 40.20 B: 64.15 C: 56.00 mm



**113751** Alternator 14 V, 120 Amp  
 Replacing: 0124515058, 0124515040, 0124515028  
 Servicing: Audi, VW  
 Grooves 6, Total length 165,0, Pulley SP,  
 Fan IF  
 A: 30.00 B: 14.00 C: 82.00 mm



**113754** Alternator 14 V, 120 Amp  
 Replacing: B120516076, 0124515068,  
 0124515038, 0124515021, 0124515020, 0124515013  
 Servicing: Volvo, VW  
 Grooves 6, Total length 193.00,  
 Pulley SP, Fan IF  
 A: 39.00 B: 14.10 C: 61.20 mm



**113755** Alternator 14 V, 150 Amp  
 Replacing: 0124525034  
 Servicing: Citroen, Fiat, Lancia, Peugeot,  
 Suzuki, Toyota  
 Grooves 6, Total length 175.00,  
 Pulley SP, Fan IF  
 A: 43.00 B: 21.00 C: 45.10 mm



**113758** Alternator 14 V, 120 Amp  
 Replacing: 0123515024, 0123515012,  
 0123510028, 0120468109  
 Servicing: Audi, Skoda, VW  
 Terminal DF, Grooves 6,  
 Total length 188.00, Pulley SP, Fan IF  
 A: 30.00 B: 13.90 C: 81.70 mm



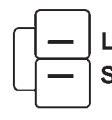
**113770** Alternator 14 V, 120 Amp  
 Replacing: 0123515003  
 Servicing: Audi, VW  
 Terminal DF, Grooves 5,  
 Total length 193.50, Pulley SP/FW, Fan IF  
 A: 29.00 B: 14.00 C: 60.60 mm



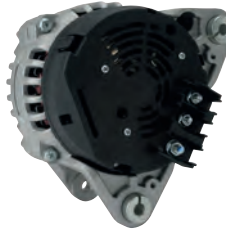
**113786** Alternator 14 V, 90 Amp  
 Replacing: 9120335002, 6033GB5009,  
 6033GB5007  
 Servicing: Nissan  
 Grooves 2, Total length 243.00,  
 Pulley DP, Fan IF  
 A: 41.50 B: 13.20 C: 80.70 mm



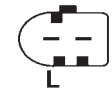
**113791** Alternator 14 V, 70 Amp  
 Replacing: 0124220008  
 Servicing: Hyundai, Kia  
 Grooves 4, Total length 169.00,  
 Pulley SP, Fan IF  
 A: 38.50 B: 13.00 C: 48.00 mm



**113832** Alternator 14 V, 90 Amp  
 Replacing: 0124325010, 0123315018,  
 0123315017, 0123315015, 0123315008  
 Servicing: Mitsubishi  
 Grooves 4, Pulley SP  
 A: 46.00 C: 65.00 mm



**113833** Alternator 14 V, 90 Amp  
 Replacing: 0123320067, 0123320050  
 Servicing: Ford  
 Terminal DF, Grooves 6,  
 Total length 174.00, Pulley SP, Fan IF  
 DF M5.  
 A: 33.00 B: 13.80 C: 78.60 mm



**113835** Alternator 14 V, 120 Amp  
 Replacing: 0124515131, 0124515055  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 181.00,  
 Pulley SP, Fan IF  
 A: 82.40 B: 56.00 mm



**113836** Alternator 14 V, 120 Amp  
 Manufacturer: Bosch  
 Replacing: 0124515090, 0124515087  
 Servicing: Alfa Romeo  
 Grooves 6, Pulley SP, Fan IF  
 A: 29.50 B: 14.50 C: 59.00 mm

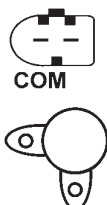




**113837** Alternator 14 V, 150 Amp

Replacing: 0124525533, 0124525141, 0124525133, 0124525084, 0124525044

Servicing: Nissan, Opel, Renault, Vauxhall  
Grooves 7, Total length 192.00, Pulley SP  
A: 33.00 B: 14.30 C: 60.00 mm



**113858** 5★ Alternator 14 V, 150 Amp

Manufacturer: Bosch

Replacing: 0124525080, 0124525026

Servicing: BMW

Grooves 6, Total length 193.00,  
Pulley SP, Fan IF

Alternative no.: 115976

A: 69.00 B: 28.00 C: 77.00 mm



**113871** 5★ Alternator 14 V, 150 Amp

Manufacturer: Bosch

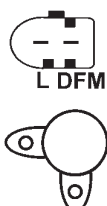
Replacing: 0124525561, 0124525059, 0124525045, 0124525042, 0124515098, 0124325072, 0124325062

Servicing: BMW

Grooves 6, Total length 193.50,  
Pulley SP/FW, Fan IF

Alternative no.: 115867

A: 29.60 B: 62.85 C: 41.65 mm



**113874** 5★ Alternator 14 V, 110 Amp

Manufacturer: Bosch

Replacing: 0124325160, 0124325127, 0124325125, 0124325090, 0124325081, 0124325056

Servicing: Seat, Skoda, VW

Grooves 6, Total length 187.00,  
Pulley SP, Fan IF

A: 39.30 B: 14.15 C: 61.15 mm



**113877** 5★ Alternator 14 V, 120 Amp

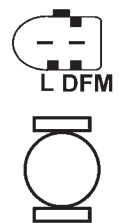
Manufacturer: Bosch

Replacing: 0124515198, 0124515088

Servicing: Mercedes-Benz

Grooves 7, Total length 197.50,  
Pulley SP/FW, Fan IF

A: 30.50 B: 69.90 C: 56.55 mm



**113878** 5★ Alternator 14 V, 120 Amp

Manufacturer: Bosch

Replacing: 0124515059, 0124515053

Servicing: Audi, BMW

Grooves 6, Total length 191.00,  
Pulley SP/FW, Fan IF

A: 28.00 B: 70.00 C: 56.00 mm



**113879** 5★ Alternator 14 V, 100 Amp

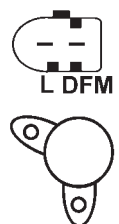
Manufacturer: Bosch

Replacing: 0124415005, 0124225023, 0124225004

Servicing: Opel, Vauxhall

Grooves 6, Total length 170.50,  
Pulley SP, Fan IF

A: 50.50 B: 33.50 C: 57.00 mm



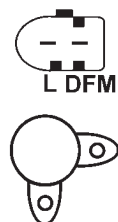
**113882** Alternator 14 V, 120 Amp

Replacing: 0124515025

Servicing: Audi, VW

Grooves 5, Total length 181.50,  
Pulley SP/FW, Fan IF

A: 34.40 B: 14.00 C: 82.60 mm



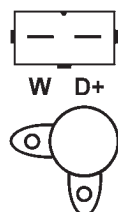
**113884** Alternator 14 V, 150 Amp

Replacing: 0124615040, 0124615038, 0124615017, 0124615006, 0124525128, 0124525098

Servicing: Ford, Jeep, Mitsubishi, Seat, VW

Grooves 6, Total length 201.50,  
Pulley SP/FW, Fan IF

A: 39.00 B: 14.35 C: 59.00 mm



**113885** 5★ Alternator 14 V, 150 Amp

Manufacturer: Bosch

Replacing: 0123520002

Servicing: Audi, Ford, Mercedes-Benz, Seat, VW

Terminal W, Grooves 7,  
Total length 208.50, Pulley SP, Fan IF

A: 42.85 B: 14.15 C: 61.00 mm



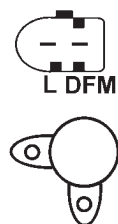
**113887** Alternator 14 V, 90 Amp

Replacing: 0124325140, 0124325074, 0124325070, 0124325011

Servicing: Audi, Skoda, VW

Grooves 6, Pulley SP, Fan IF

A: 40.00 B: 14.00 C: 61.00 mm



**113888** Alternator 14 V, 90 Amp

Replacing: 0124325097, 0124325035, 0124325022, 0124325021

Servicing: VW

Terminal W, Grooves 6,  
Total length 188.00, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm

## ALTERNATORS



**113889** Alternator 14 V, 90 Amp  
 Replacing: 0124325105, 0124325093, 0124325046, 0124325039, 0123320065, 0123320051  
 Servicing: Mercedes-Benz  
 Terminal W, Grooves 6,  
 Total length 193.00, Pulley SP/FW, Fan IF  
 Alternative no.: 115485 5★  
 A: 32.00 B: 70.00 C: 56.00 mm



**113895** Alternator 28 V, 80 Amp  
 Replacing: 6033GB3045, 0120468146  
 Servicing: Various Industrial applications  
 Terminal W, Total length 190.50,  
 Pulley w/o, Fan EF  
 B: 56.00 mm



**113899** Alternator 14 V, 150 Amp  
 Replacing: 0124615029, 0123515502  
 Servicing: John Deere  
 Terminal W, Grooves 8,  
 Total length 200.40, Pulley SP, Fan IF  
 A: 86.50 B: 56.00 mm



**113913** Alternator 14 V, 110 Amp  
 Replacing: 0124325100  
 Servicing: Ford  
 Total length 196.40, Pulley w/o, Fan IF  
 B: 55.00 C: 74.00 mm



**113920** Alternator 28 V, 35 Amp  
 Replacing: 0120488291, 0120488278, 0120488277, 0120488256, 0120400728  
 Servicing: MAN, Mercedes-Benz, Padane  
 Terminal W, Total length 176.00,  
 Pulley w/o, Fan w/o  
 B: 80.40 mm



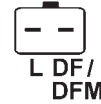
**113923** Alternator 28 V, 90 Amp  
 Replacing: 0123525503, 0123525500  
 Servicing: Iveco  
 Grooves 10, Total length 213.00,  
 Pulley SP, Fan IF  
 Alternative no.: 115879 5★  
 A: 90.00 B: 58.10 mm



**113942** Alternator 14 V, 100 Amp  
 Replacing: 0124415015  
 Servicing: Alfa Romeo, Fiat, Lancia  
 Grooves 6, Total length 202.00,  
 Pulley SP, Fan IF  
 A: 43.60 B: 22.60 C: 54.27 mm



**113944** Alternator 14 V, 200 Amp  
 Replacing: 0124625019  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 160.00,  
 Pulley SP/FW, Fan IF  
 A: 31.00 B: 93.00 mm



**113945** Alternator 14 V, 150 Amp  
 Replacing: 0124525028  
 Servicing: Renault  
 Total length 195.00, Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 230309.  
 B: 14.00 C: 60.00 mm



**113947** Alternator 14 V, 180 Amp  
 Replacing: 0124625018, 0124615031, 0121715004, 0121615029, 0121615013  
 Servicing: VW  
 Total length 172.00, Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 236531.  
 B: 14.50 C: 61.00 mm



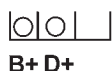
**113949** Alternator 14 V, 150 Amp  
 Replacing: 0986047210, 0124525147, 0123515503, 0123515501, 0123515500  
 Servicing: Claas, John Deere, Renault  
 Terminal W, Total length 185.00,  
 Pulley w/o, Fan IF  
 B: 56.00 mm



**113951** Alternator 14 V, 200 Amp  
 Replacing: 0124625006  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 196.00,  
 Pulley SP/FW, Fan IF  
 A: 31.00 B: 70.00 C: 56.00 mm



**113953** Alternator 14 V, 200 Amp  
 Replacing: 0124625045, 0124625014  
 Servicing: Mercedes-Benz  
 Pulley w/o, Fan IF  
*Freewheel Pulley: HC-CARGO 332308.*  
 B: 93.20 C: 55.50 mm



**113955** Alternator 14 V, 105 Amp  
 Replacing: 0124425100  
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall  
 Grooves 6, Total length 191.00,  
 Pulley SP/FW, Fan IF  
 A: 112.50 B: 61.00 mm

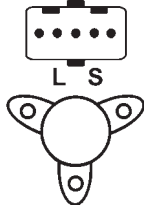


**113958** Alternator 14 V, 150 Amp  
 Replacing: 0125711059, 0125711017,  
 0121615002  
 Servicing: Citroen, Fiat, Ford, Peugeot  
 Grooves 6, Pulley SP/FW, Fan IF  
 Alternative no.: 115499 **5★**  
 A: 43.00 B: 92.80 C: 74.00 mm



**113992** Alternator 14 V, 140 Amp  
 Replacing: 0124525525, 0124525102,  
 0124525092, 0124525091, 0124525067,  
 0124525066, 0124525050, 0124525039  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 178.00,  
 Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.60 C: 61.30 mm

W 15DFM



**113998** Alternator 28 V, 110 Amp  
 Replacing: 0124655011, 0124655009  
 Servicing: MAN  
 Terminal W, Total length 198.00,  
 Pulley w/o, Fan IF  
 Alternative no.: 115492 **5★**  
 B: 79.50 mm

W 15DFM



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**114007\*** Alternator 28 V, 80 Amp  
 Replacing: 0124555013  
 Servicing: MAN  
 Terminal W, Pulley w/o, Fan IF  
 Alternative no.: 115486 **5★**  
 B: 80.00 mm

W 15DFM



**114008** Alternator 28 V, 80 Amp  
 Replacing: 0124555015, 0124555014  
 Servicing: MAN  
 Total length 191.00, Pulley w/o, Fan IF  
 B: 80.00 mm



**114019** **5★** Alternator 14 V, 110 Amp  
 Manufacturer: Bosch  
 Replacing: 0124325178  
 Servicing: LDV  
 Grooves 6, Total length 192.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 116047  
 A: 39.00 B: 14.00 C: 61.10 mm



**114024** Alternator 14 V, 80 Amp  
 Replacing: 0124315033  
 Servicing: Toyota  
 Grooves 7, Total length 168.00,  
 Pulley SP/FW, Fan IF  
 A: 95.00 B: 58.00 mm



**114027** Alternator 14 V, 110 Amp  
 Replacing: 0124325051, 0124325016  
 Servicing: VW  
 Grooves 6, Pulley SP, Fan IF  
 A: 39.00 B: 14.00 C: 61.00 mm

W 15DFM



**114028** Alternator 28 V, 80 Amp  
 Replacing: 0124555008  
 Servicing: Scania  
 Terminal W, Grooves 8, Pulley SP, Fan IF  
 Alternative no.: 115493 **5★**  
 A: 18.50 B: 85.00 C: 35.50 mm

W 15DFM



**114036** Alternator 28 V, 100 Amp  
 Replacing: 0124655006, 0124555006  
 Servicing: DAF  
 Grooves 8, Total length 194.00,  
 Pulley SP, Fan IF  
 A: 37.00 B: 14.00 C: 80.00 mm

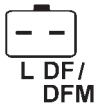




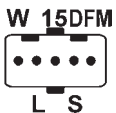
**114040** Alternator 14 V, 85 Amp  
 Replacing: 0124225037, 0124225020  
 Servicing: Smart (MCC)  
 Grooves 5, Total length 172.00,  
 Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm



**114064** Alternator 14 V, 150 Amp  
 Replacing: 0121615103, 0121615003  
 Servicing: Ford, Land Rover  
 Total length 167.00, Pulley w/o  
 Freewheel Pulley: HC-CARGO 235720.  
 B: 93.00 C: 74.00 mm



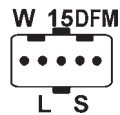
**114076** Alternator 14 V, 120 Amp  
 Replacing: 0124425026  
 Servicing: Opel, Vauxhall  
 Grooves 5, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 32.00 B: 79.00 C: 56.00 mm



**114078** Alternator 28 V, 120 Amp  
 Replacing: 0124655332, 0124655331,  
 0124655021  
 Servicing: Volvo  
 Grooves 8, Pulley SP, Fan IF  
 Alternative no.: 115494   
 A: 45.00 B: 14.00 C: 105.50 mm



**114088** Alternator 14 V, 140 Amp  
 Replacing: 0124425097, 0124425059  
 Servicing: Opel, Saab, Vauxhall  
 Grooves 6, Total length 193.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 115487   
 A: 112.00 B: 61.00 mm



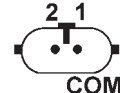
**114089** Alternator 28 V, 80 Amp  
 Replacing: 0124555118, 0124555117,  
 0124555018  
 Servicing: Bova, DAF, Solaris  
 Terminal W, Total length 178.80, Fan IF  
 Alternative no.: 115495   
 B: 97.00 C: 41.50 mm



**114109** Alternator 14 V, 180 Amp  
 Replacing: 0124625028  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 190.00,  
 Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.50 C: 60.60 mm



**114122** Alternator 14 V, 150 Amp  
 Replacing: 0124525135, 0124525132,  
 0124525049, 0124525043  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 Grooves 6, Total length 183.00,  
 Pulley SP, Fan IF  
 A: 32.50 B: 14.50 C: 60.80 mm



**114131** Alternator 14 V, 90 Amp  
 Replacing: 0124325186, 0124325176,  
 0124325139, 0124325102  
 Servicing: Renault  
 Grooves 7, Total length 182.00,  
 Pulley SP, Fan IF  
 A: 32.00 B: 14.25 C: 61.00 mm



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**114143\*** Alternator 14 V, 125 Amp  
 Replacing: 6004ML0021, 6004ML0017  
 Grooves 6, Pulley SP, Fan IF

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**114146** Alternator 14 V, 120 Amp  
 Replacing: 0124425077  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 195.00,  
 Pulley SP/FW, Fan IF  
 A: 31.00 B: 70.00 C: 56.00 mm



**114200** Alternator 14 V, 100 Amp  
 Replacing: 0124325108  
 Servicing: Mini  
 Grooves 6, Total length 169.00,  
 Pulley SP, Fan IF  
 A: 18.50 B: 81.00 mm



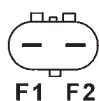
**114202** Alternator 14 V, 100 Amp  
 Replacing: 0124325172  
 Servicing: Opel, Saab, Vauxhall  
 Grooves 6, Total length 191.00,  
 Pulley SP/FW, Fan IF  
 A: 113.00 B: 61.00 mm



**114257** Alternator 14 V, 140 Amp  
 Replacing: 0124525017  
 Servicing: Saab  
 Grooves 5, Total length 180.00,  
 Pulley SP/FW, Fan IF  
 A: 31.50 B: 79.00 C: 55.00 mm



**114311** Alternator 14 V, 90 Amp  
 Replacing: 0124225051  
 Servicing: Toyota  
 Grooves 6, Total length 168.00,  
 Pulley SP, Fan IF  
 A: 29.60 B: 19.30 C: 37.00 mm



**114210** Alternator 14 V, 120 Amp  
 Replacing: 0124515115, 0124515084  
 Servicing: Jeep  
 Pulley w/o, Fan IF  
*Freewheel Pulley: HC-CARGO 332302. SP/FW.*  
 B: 70.00 C: 56.00 mm



**114290** Alternator 14 V, 80 Amp  
 Replacing: 0124225052  
 Servicing: Toyota  
 Grooves 6, Total length 173.00,  
 Pulley SP, Fan IF  
 A: 29.00 B: 19.00 C: 37.00 mm

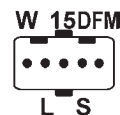


**114312** Alternator 14 V, 140 Amp  
 Replacing: 0124525060  
 Servicing: Volvo  
 Grooves 6, Total length 195.00,  
 Pulley SP/FW, Fan IF  
 A: 45.00 B: 20.00 C: 82.00 mm

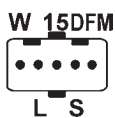
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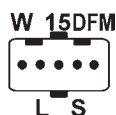
**114291** Alternator 14 V, 90 Amp  
 Replacing: 0124225055  
 Servicing: Toyota  
 Total length 160.00, Pulley w/o, Fan IF  
*Freewheel Pulley: HC-CARGO 330185.*  
 B: 16.43 C: 41.24 mm



**114314** Alternator 28 V, 110 Amp  
 Replacing: 0124655294, 0124655293,  
 0124655014  
 Servicing: Bova, DAF, Solaris  
 Total length 194.00, Pulley w/o, Fan IF  
 B: 97.00 C: 40.00 mm



**114211** Alternator 14 V, 200 Amp  
 Replacing: 0124625030, 0124625029  
 Servicing: John Deere  
 Total length 181.00, Pulley w/o, Fan IF  
 B: 56.00 mm



**114296** Alternator 28 V, 90 Amp  
 Replacing: 0124655082, 0124655005  
 Servicing: Ginaf, Iveco  
 Pulley w/o, Fan IF  
 Alternative no.: 115489   
 B: 14.00 C: 81.00 mm



**114322** Alternator 14 V, 140 Amp  
 Manufacturer: Valeo  
 Replacing: 0124525114  
 Servicing: Audi  
 Grooves 6, Pulley SP/FW, Fan IF  
 B: 14.00 C: 61.00 mm



**114353** Alternator 14 V, 150 Amp  
 Replacing: 0124525047  
 Servicing: Renault  
 Grooves 6, Total length 194.50,  
 Pulley SP/FW, Fan IF  
 A: 33.00 B: 14.20 C: 60.20 mm



**114354** Alternator 14 V, 150 Amp  
 Replacing: 0124525140, 0124525082  
 Servicing: Nissan, Renault  
 Grooves 6, Total length 205.00,  
 Pulley SP/FW  
 A: 38.50 B: 14.00 C: 60.50 mm



**114355** Alternator 28 V, 55 Amp  
 Replacing: 9120060033  
 Servicing: Various  
 Terminal W, Grooves 2,  
 Total length 172.00, Pulley DP, Fan EF  
 A: 50.00 B: 50.80 mm



**114365** Alternator 28 V, 140 Amp  
 Replacing: 0120689553  
 Servicing: Deutz-Fahr, KHD, MAN  
 Terminal W, Total length 284.00,  
 Pulley w/o, Fan EF  
 B: 15.00 C: 180.00 mm



**114379** Alternator 14 V, 150 Amp  
 Replacing: 0124615043  
 Servicing: John Deere  
 Total length 180.00, Pulley w/o, Fan IF  
 B: 56.30 mm



**114380** Alternator 14 V, 180 Amp  
 Manufacturer: Bosch  
 Replacing: 0121715115, 0121715015,  
 0121715011  
 Servicing: Mercedes-Benz  
 Grooves 7, Total length 183.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 116060  
 A: 31.00 B: 70.00 C: 56.00 mm

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**114381** Alternator 14 V, 120 Amp  
 Replacing: 0123510089  
 Servicing: Saab  
 Grooves 6, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 51.50 B: 33.50 C: 57.00 mm

**114383** Alternator 14 V, 105 Amp  
 Manufacturer: Bosch  
 Replacing: F002G10862  
 Servicing: VM (Stabilimenti Mec)  
 Grooves 6, Pulley SP/FW, Fan EF



**114391** Alternator 14 V, 180 Amp  
 Replacing: 0121715001  
 Servicing: Citroen, Peugeot  
 Grooves 6, Total length 192.00,  
 Pulley SP/FW, Fan IF  
 A: 42.50 B: 21.00 C: 45.00 mm



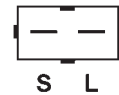
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**114392\*** Alternator 14 V, 90 Amp  
 Replacing: 0124325170, 0124325169  
 Servicing: Mercedes-Benz  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 31.00 B: 70.00 C: 56.00 mm



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**114408** Alternator 14 V, 180 Amp  
 Replacing: 0121715020  
 Servicing: Audi, VW  
 Grooves 6, Total length 182.00,  
 Pulley SP, Fan IF  
 A: 30.00 B: 14.00 C: 60.80 mm



**114413** Alternator 14 V, 85 Amp  
 Replacing: 9120484038, 9120060891,  
 9120060031  
 Servicing: Chevrolet, Holden  
 Terminal W, Grooves 1,  
 Total length 170.50, Pulley P  
 A: 30.50 B: 58.00 mm





**114431** Alternator 14 V, 120 Amp  
 Replacing: 0124425020, 0124425005  
 Servicing: Alfa Romeo, Fiat, Holden, Opel, Vauxhall  
 Grooves 5, Total length 184.00,  
 Pulley SP, Fan IF  
 A: 64.70 B: 23.00 C: 57.20 mm



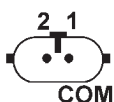
**114452** Alternator 14 V, 150 Amp  
 Replacing: 0123520022  
 Servicing: Land Rover  
 Grooves 7, Pulley SP, Fan IF  
 A: 83.00 B: 56.00 mm



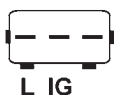
**114453** Alternator 14 V, 180 Amp  
 Replacing: 0124625010  
 Servicing: VW  
 Grooves 6, Total length 196.00,  
 Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.00 C: 61.00 mm



**114454** Alternator 14 V, 180 Amp  
 Replacing: 0124625023  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 194.00,  
 Pulley SP, Fan IF  
 A: 32.00 B: 70.00 C: 56.00 mm



**114463** Alternator 14 V, 120 Amp  
 Replacing: 0124425111, 0124425093,  
 0124425071, 0124425037, 0124425029,  
 0124425013  
 Servicing: Renault  
 Total length 165.00, Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 333136.  
 B: 14.00 C: 61.00 mm



**114466** Alternator 14 V, 55 Amp  
 Manufacturer: Bosch  
 Replacing: 0124120001  
 Servicing: VM (Stabilimenti Mec)  
 Grooves 2, Pulley DP, Fan IF  
 A: 42.50 B: 18.00 C: 67.50 mm



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**114468** Alternator 14 V, 140 Amp  
 Replacing: 0124525015  
 Servicing: Saab  
 Grooves 6, Pulley SP, Fan IF  
 A: 51.40 B: 33.50 C: 56.30 mm



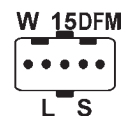
**114492** Alternator 14 V, 100 Amp  
 Replacing: 0124325171  
 Servicing: Opel, Vauxhall  
 Grooves 5, Pulley SP, Fan IF  
 A: 54.00 B: 33.50 C: 57.00 mm



**114510** Alternator 14 V, 120 Amp  
 Replacing: 0124425096, 0124425058  
 Servicing: Opel, Vauxhall  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 113.0 B: 61.00 mm



**114524** Alternator 14 V, 180 Amp  
 Manufacturer: Valeo  
 Replacing: 0121715012  
 Servicing: BMW  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 29.50 B: 62.50 C: 41.50 mm



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**114528\*** Alternator 28 V, 120 Amp  
 Replacing: 0986049820, 0124655025  
 Servicing: MAN, Neoplan, Temsa  
 Pulley w/o, Fan IF  
 Alternative no.: 115496   
 B: 80.00 mm



**114656** Alternator 14 V, 140 Amp  
 Replacing: 0124525040, 0124525030  
 Servicing: Opel, Saab, Vauxhall  
 Grooves 6, Pulley SP, Fan IF  
 A: 51.00 B: 34.00 C: 58.00 mm



DFM L



**114658** Alternator 14 V, 140 Amp  
 Replacing: 0124525031  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 176.00,  
 Pulley SP, Fan IF  
 A: 51.00 B: 34.00 C: 56.00 mm



DFM L



**114668** Alternator 14 V, 100 Amp  
 Replacing: 0124325163  
 Servicing: Opel, Vauxhall  
 Grooves 5, Total length 181.00,  
 Pulley SP, Fan IF  
 A: 62.00 B: 23.00 C: 57.00 mm



L



**114701** Alternator 14 V, 120 Amp  
 Replacing: 0124515120, 0124515113,  
 0124510001  
 Servicing: Renault V.I.  
 Terminal W, Grooves 6,  
 Total length 196.00, Pulley SP, Fan IF  
 A: 47.44 B: 14.00 C: 80.00 mm



F1 F2



**114663** Alternator 14 V, 150 Amp  
 Replacing: 0124615032, 0124615018  
 Servicing: Chrysler  
 Total length 173.00, Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 332302.  
 B: 70.00 C: 56.00 mm



**114681** Alternator 14 V, 90 Amp  
 Replacing: 0124325166  
 Servicing: John Deere  
 Pulley w/o, Fan IF  
 B: 56.00 mm



L



**114705** Alternator 14 V, 140 Amp  
 Replacing: 0124525064, 0124325122  
 Servicing: Citroen, Fiat, Iveco, Peugeot  
 Total length 175.00, Pulley w/o, Fan IF  
 Alternative no.: 115490 ★  
 B: 14.00 C: 81.00 mm



COM



**114666** Alternator 14 V, 180 Amp  
 Replacing: 0121715129, 0121715029  
 Servicing: Mercedes-Benz  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 31.00 B: 93.50 C: 56.00 mm



L DFM



**114697** Alternator 14 V, 180 Amp  
 Replacing: 0121715042  
 Servicing: Skoda, VW  
 Grooves 6, Total length 167.00,  
 Pulley SP/FW, Fan IF  
 A: 39.50 B: 14.00 C: 61.00 mm



S, IG, DFM, M, L

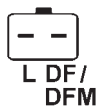


**114709** ★ Alternator 14 V, 90 Amp  
 Manufacturer: Bosch  
 Replacing: 0124325080, 0124325079  
 Servicing: Toyota  
 Grooves 6, Total length 173.00,  
 Pulley SP, Fan IF  
 A: 34.00 B: 18.00 C: 40.00 mm



S, IG, DFM, M, L

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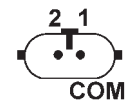


L DF/DFM



**114667\*** Alternator 14 V, 90 Amp  
 Replacing: 0124225053  
 Servicing: Toyota  
 Grooves 6, Pulley SP, Fan IF

**114700** Alternator 14 V, 150 Amp  
 Replacing: 0124525137, 0124525076  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 Grooves 7, Total length 196.00,  
 Pulley SP/FW, Fan IF  
 A: 33.30 B: 14.00 C: 61.60 mm



2, 1, COM



**114721** ★ Alternator 14 V, 150 Amp  
 Manufacturer: Bosch  
 Replacing: 0124525534, 0124525139,  
 0124525081  
 Servicing: Renault  
 Grooves 6, Total length 200.00,  
 Pulley SP/FW, Fan IF  
 A: 38.50 B: 14.00 C: 61.50 mm



**114722** Alternator 14 V, 140 Amp  
 Replacing: F00BL0809, 0124525088, 0124525009  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 29.00 B: 70.00 C: 56.00 mm



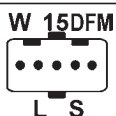
**114724** Alternator 14 V, 150 Amp  
 Replacing: 0121615009  
 Servicing: Ford, Mazda, Volvo  
 Grooves 6, Total length 170.00, Pulley SP/FW, Fan IF  
 A: 42.90 B: 21.00 C: 46.50 mm



**114735** Alternator 14 V, 150 Amp  
 Replacing: 0123520015  
 Servicing: Claas, Fendt, John Deere  
 Terminal W, Pulley w/o, Fan IF  
 B: 56.00 mm



**114737** Alternator 14 V, 180 Amp  
 Replacing: 0124625007  
 Servicing: Mercedes-Benz  
 Grooves 6, Pulley SP, Fan IF  
 A: 82.00 B: 55.80 mm



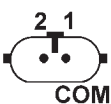
**114753\*** Alternator 28 V, 100 Amp  
 Replacing: 0124655026, 0124655007, 0124555034  
 Servicing: Scania  
 Terminal W, Grooves 8, Total length 195.00, Pulley SP, Fan IF  
 Alternative no.: 115498 **5★**  
 A: 20.00 B: 85.00 C: 35.50 mm

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**114756\*** Alternator 14 V, 180 Amp  
 Replacing: 0121715009  
 Servicing: Volvo  
 Pulley w/o, Fan IF



**114765** Alternator 14 V, 140 Amp  
 Replacing: 0124525020  
 Servicing: Fiat, Iveco  
 Grooves 7, Total length 191.00, Pulley SP, Fan IF  
 A: 40.00 B: 14.00 C: 81.50 mm



**114768** Alternator 14 V, 120 Amp  
 Replacing: 0124425074, 0124425018  
 Servicing: Peugeot, Renault  
 Grooves 7, Pulley SP/FW, Fan IF  
 A: 32.50 B: 14.50 C: 61.00 mm



**114769** Alternator 14 V, 110 Amp  
 Replacing: 0124325128, 0124325095, 0124325044  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Pulley SP, Fan IF  
 A: 30.00 B: 14.00 C: 61.00 mm

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**114771\*** Alternator 14 V, 150 Amp  
 Replacing: 0125711011, 0121615127, 0121615027, 0121615012  
 Servicing: Citroen, Mini, Peugeot  
 Grooves 6, Pulley SP



**114780** **5★** Alternator 14 V, 140 Amp  
 Manufacturer: Bosch  
 Replacing: 0124525531, 0124525116  
 Servicing: Audi  
 Grooves 6, Total length 183.00, Pulley SP, Fan IF  
 A: 30.00 B: 14.40 C: 61.40 mm



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**114781** Alternator 14 V, 110 Amp  
 Replacing: 0124325116, 0124325087  
 Servicing: BMW  
 Grooves 6, Total length 192.00, Pulley SP/FW, Fan IF  
 A: 30.50 B: 63.00 C: 41.00 mm

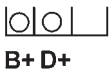




**114789** Alternator 14 V, 90 Amp  
 Replacing: Bosch  
 Replacing: 0124325101, 0124325001  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Grooves 6, Pulley SP/FW, Fan IF  
 Alternative no.: 112079  
 A: 39.55 B: 14.00 C: 61.00 mm



**114797** Alternator 14 V, 120 Amp  
 Replacing: 0124515125, 0124515124,  
 0124515121, 0124515117, 0124515110,  
 0124515012, 0124515011, 0124515010  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Grooves 6, Pulley SP/FW, Fan IF  
 As HC-CARGO 112002, but w/ pulley.  
 Alternative no.: 115483 , 112002  
 A: 39.00 B: 14.50 C: 60.50 mm



**114801** Alternator 14 V, 105 Amp  
 Replacing: 0124425100  
 Servicing: Fiat, Opel, Vauxhall  
 Grooves 6, Pulley SP/FW, Fan IF  
 As HC-CARGO 113955, but with pulley.  
 A: 112.50 B: 61.00 mm

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**114825\*** Alternator 14 V, 150 Amp  
 Replacing: 0124615041  
 Fan IF



**114829** Alternator 14 V, 120 Amp  
 Replacing: 0124425112, 0124425041  
 Servicing: Alfa Romeo  
 Grooves 5, Total length 195.00,  
 Pulley SP/FW, Fan IF  
 A: 32.00 B: 79.00 mm



**114834** Alternator 14 V, 150 Amp  
 Replacing: 0124615030  
 Servicing: Claas  
 Terminal W, Total length 185.00,  
 Pulley w/o, Fan IF  
 B: 80.00 mm



**114836** Alternator 14 V, 150 Amp  
 Replacing: 0124615049, 0124615044,  
 0124615012  
 Servicing: Mercedes-Benz  
 Grooves 6, Pulley SP, Fan IF  
 A: 82.00 B: 56.00 mm



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**114844\*** Alternator 14 V, 145 Amp  
 Replacing: 0124525526, 0124525126  
 Servicing: Mini, Skoda  
 Grooves 6, Pulley SP/FW, Fan IF



**114884** Alternator 14 V, 140 Amp  
 Replacing: 0124525527, 0124525093,  
 0124525074  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 192.00,  
 Pulley SP/FW, Fan IF  
 A: 29.00 C: 62.50 mm



**114898** Alternator 14 V, 150 Amp  
 Replacing: 0121615108, 0121615008  
 Servicing: Ford  
 Pulley w/o, Fan IF  
 A: 80.00 B: 14.50 C: 51.50 mm



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**115304\*** Alternator 14 V, 120 Amp  
 Replacing: 0124425057  
 Servicing: Opel, Vauxhall  
 Grooves 5, Total length 174.00,  
 Pulley SP, Fan IF  
 A: 54.50 B: 33.50 C: 56.00 mm



**115306** Alternator 14 V, 120 Amp  
 Replacing: 0124425050  
 Servicing: Opel, Vauxhall  
 Grooves 5, Pulley SP, Fan IF  
 A: 63.00 B: 23.00 C: 57.50 mm



**115318** Alternator 14 V, 200 Amp  
 Manufacturer: Bosch  
 Replacing: 0124625020  
 Servicing: Mercedes-Benz  
 Grooves 6, Pulley SP/FW, Fan IF



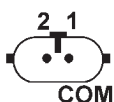
**115365** Alternator 14 V, 150 Amp  
 Replacing: 0121615128, 0121615028  
 Servicing: Ford, Volvo  
 Grooves 6, Total length 182.00,  
 Pulley SP/FW, Fan IF  
 A: 42.50 B: 21.20 C: 46.70 mm



**115367** Alternator 14 V, 140 Amp  
 Replacing: 0124525226, 0124525113  
 Servicing: Audi  
 Grooves 6, Pulley SP/FW, Fan SF  
 A: 28.00 B: 70.00 C: 56.50 mm



**115370** Alternator 14 V, 110 Amp  
 Replacing: 0124325130, 0124325083  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Pulley SP/FW, Fan SF  
 A: 39.50 B: 14.50 C: 62.00 mm



**115382** alternator 14 V, 120 Amp  
 Replacing: 0124425070, 0124425034  
 Servicing: Renault  
 Grooves 6, Total length 119.00,  
 Pulley SP, Fan IF  
 A: 38.50 B: 14.00 C: 60.50 mm

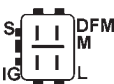


**115383** alternator 14 V, 200 Amp  
 Replacing: 0124625022  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 193.00,  
 Pulley SP/FW, Fan IF  
 A: 30.50 B: 70.00 C: 57.00 mm



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**115412** Alternator 14 V, 180 Amp  
 Replacing: 0125811020, 0125811005,  
 0121715108, 0121715079, 0121715008  
 Servicing: Volvo  
 Grooves 5, Total length 194.00,  
 Pulley SP/FW, Fan IF  
 A: 61.00 B: 32.00 C: 92.00 mm



**115416** Alternator 14 V, 100 Amp  
 Replacing: 0124325085, 0124325084  
 Servicing: Toyota  
 Grooves 7, Pulley SP, Fan IF  
 A: 35.00 B: 18.00 C: 45.00 mm



**115417** Alternator 14 V, 150 Amp  
 Replacing: 0121615006  
 Servicing: Ford  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 40.00 B: 70.00 C: 74.00 mm



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**115433\*** Alternator 14 V, 140 Amp  
 Replacing: 0124525542, 0124525187  
 Servicing: Audi, Mercedes-Benz, Seat, Skoda,  
 VW  
 Grooves 6, Pulley SP/FW, Fan IF



**115434** Alternator 14 V, 150 Amp  
 Replacing: 0121615105, 0121615005  
 Servicing: Ford, Volvo  
 Grooves 5, Total length 190.00,  
 Pulley SP/FW, Fan IF  
 A: 61.00 B: 31.50 C: 91.00 mm



**115452** Alternator 14 V, 150 Amp  
 Replacing: 0124525125  
 Servicing: Fiat  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 38.00 B: 14.00 C: 82.00 mm



**115455** 5★ Alternator 14 V, 150 Amp  
 Manufacturer: Bosch  
 Replacing: F000BL0705  
 Servicing: Fiat, Iveco  
 Grooves 7, Total length 181.20,  
 Pulley SP, Fan IF  
 A: 67.00 B: 14.00 C: 81.30 mm



**115458** 5★ Alternator 14 V, 150 Amp  
 Manufacturer: Bosch  
 Replacing: F000BL0704  
 Servicing: Fiat, Iveco  
 Total length 166.00, Fan IF  
 B: 14.00 C: 81.00 mm

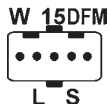
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**115461\*** Alternator 14 V, 150 Amp  
 Replacing: 0125711132, 0125711131,  
 0125711102, 0125711101, 0125711058,  
 0125711001  
 Servicing: Citroen, Ford, Peugeot  
 Grooves 6, Total length 184.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 116061 5★  
 A: 43.20 B: 92.50 C: 73.75 mm



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**115473** Alternator 14 V, 180 Amp  
 Replacing: 01220AA160, 01220AA090  
 Servicing: BMW  
 Grooves 6, Total length 157.70,  
 Pulley SP, Fan IF  
 A: 41.00 B: 22.00 mm



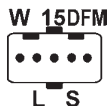
**115481** 5★ Alternator 28 V, 110 Amp  
 Manufacturer: Bosch  
 Replacing: 0124655065  
 Terminal W, Grooves 8,  
 Total length 208.00, Pulley SP, Fan IF  
 A: 37.50 B: 14.00 C: 81.50 mm



**115482** 5★ Alternator 14 V, 90 Amp  
 Manufacturer: Bosch  
 Replacing: 0124325135, 0124325003  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 186.00,  
 Pulley SP, Fan IF  
 Alternative no.: 111989  
 A: 39.00 B: 14.00 C: 61.00 mm



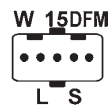
**115483** 5★ Alternator 14 V, 120 Amp  
 Manufacturer: Bosch  
 Replacing: 0124515010  
 Servicing: Audi, Chrysler, Ford, Seat, Skoda, VW  
 Grooves 6, Total length 190.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 112002  
 A: 39.00 B: 14.50 C: 60.00 mm



**115484** 5★ Alternator 28 V, 70 Amp  
 Manufacturer: Bosch  
 Replacing: 0124555005  
 Servicing: Ginaf, Iveco  
 Grooves 8, Total length 194.00,  
 Pulley SP, Fan IF  
 Alternative no.: 113188  
 A: 37.00 B: 14.10 C: 80.60 mm



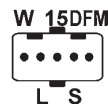
**115485** 5★ Alternator 14 V, 90 Amp  
 Manufacturer: Bosch  
 Replacing: 0124325093  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 171.50,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 113889  
 A: 31.00 B: 70.00 C: 56.00 mm



**115486** 5★ Alternator 28 V, 80 Amp  
 Manufacturer: Bosch  
 Replacing: 0124555013  
 Servicing: MAN  
 Total length 194.00, Pulley w/o, Fan IF  
 Alternative no.: 114007  
 B: 80.00 C: 3.00 mm

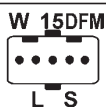


**115487** 5★ Alternator 14 V, 140 Amp  
 Manufacturer: Bosch  
 Replacing: 0124425077  
 Servicing: Opel, Saab, Vauxhall  
 Grooves 6, Total length 193.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 114088  
 A: 112.50 B: 61.50 mm

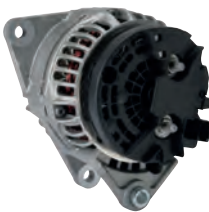


**115488** 5★ Alternator 28 V, 110 Amp  
 Manufacturer: Bosch  
 Replacing: 0124655012  
 Servicing: Renault V.I., Volvo  
 Grooves 8, Total length 217.00,  
 Pulley SP, Fan IF  
 Alternative no.: 114212  
 A: 44.50 B: 13.80 C: 106.00 mm

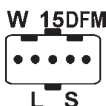




**115489** 5★ Alternator 28 V, 90 Amp  
 Manufacturer: Bosch  
 Replacing: 0124655005  
 Servicing: Ginaf, Iveco  
 Terminal W, Grooves 8,  
 Total length 197.00, Pulley SP, Fan IF  
 Alternative no.: 114296  
 A: 37.00 B: 14.00 C: 82.00 mm



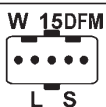
**115490** 5★ Alternator 14 V, 140 Amp  
 Manufacturer: Bosch  
 Replacing: 0124525064  
 Servicing: Citroen, Fiat, Iveco, Peugeot  
 Total length 180.00, Pulley w/o, Fan IF  
 Alternative no.: 114705  
 B: 14.00 C: 81.00 mm



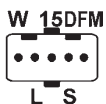
**115491** 5★ Alternator 28 V, 80 Amp  
 Manufacturer: Bosch  
 Replacing: 0124555041, 0124555040, 0124555003  
 Servicing: Bova, DAF, Solaris  
 Terminal W, Total length 192.00,  
 Pulley w/o, Fan IF  
 Alternative no.: 113284  
 B: 80.00 mm



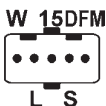
**115492** 5★ Alternator 28 V, 110 Amp  
 Manufacturer: Bosch  
 Replacing: 0124655011  
 Servicing: MAN  
 Terminal W, Total length 198.00,  
 Pulley w/o, Fan IF  
 Alternative no.: 113998  
 B: 80.00 mm



**115493** 5★ Alternator 28 V, 80 Amp  
 Manufacturer: Bosch  
 Replacing: 0124555008  
 Servicing: Scania  
 Terminal W, Grooves 8,  
 Total length 227.00, Pulley SP, Fan IF  
 Alternative no.: 114028  
 A: 21.00 B: 85.00 C: 35.50 mm



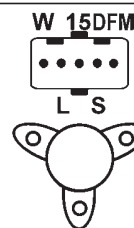
**115494** 5★ Alternator 28 V, 120 Amp  
 Manufacturer: Bosch  
 Replacing: 0124655332, 0124655331, 0124655021  
 Servicing: Volvo  
 Terminal W, Grooves 8,  
 Total length 223.00, Pulley SP, Fan IF  
 Alternative no.: 114078  
 A: 45.00 B: 13.60 C: 107.00 mm



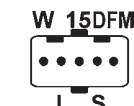
**115495** 5★ Alternator 28 V, 80 Amp  
 Manufacturer: Bosch  
 Replacing: 0124555118, 0124555117, 0124555018  
 Servicing: Bova, DAF, Solaris  
 Grooves 7, Total length 204.50,  
 Pulley SP, Fan IF  
 Alternative no.: 114089  
 A: 56.00 B: 97.00 C: 40.50 mm



**115496** 5★ Alternator 28 V, 120 Amp  
 Manufacturer: Bosch  
 Replacing: 0986049820, 0124655025  
 Servicing: MAN, Neoplan, Temsa  
 Total length 205.00, Pulley w/o, Fan IF  
 Alternative no.: 114528  
 B: 80.00 mm



**115497** 5★ Alternator 28 V, 80 Amp  
 Manufacturer: Bosch  
 Replacing: 0124555065  
 Servicing: Audi, Mercedes-Benz  
 Terminal W, Total length 196.00,  
 Pulley w/o, Fan IF  
 B: 80.00 mm



**115498** 5★ Alternator 28 V, 100 Amp  
 Manufacturer: Bosch  
 Replacing: 0124655007  
 Servicing: Scania  
 Terminal W, Grooves 8,  
 Total length 207.00, Pulley SP, Fan IF  
 Alternative no.: 114753  
 A: 20.00 B: 85.00 C: 35.50 mm



**115499** 5★ Alternator 14 V, 150 Amp  
 Manufacturer: Bosch  
 Replacing: 0125711059  
 Servicing: Citroen, Fiat, Ford, Peugeot  
 Grooves 6, Total length 183.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 113958  
 A: 43.00 B: 97.00 C: 74.00 mm



**115532** Alternator 14 V, 180 Amp  
 Replacing: 0121715114, 0121715107,  
 0121715014, 0121715007, 0121715006  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 182.00,  
 Pulley SP, Fan IF  
 A: 32.00 B: 70.00 C: 56.00 mm



**115541** Alternator 14 V, 150 Amp  
 Replacing: 0124525063  
 Servicing: Citroen, Peugeot  
 Grooves 6, Total length 178.00,  
 Pulley SP, Fan IF  
 A: 42.00 B: 21.00 C: 45.00 mm

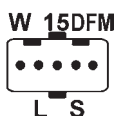


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**115544\*** Alternator 14 V, 150 Amp  
 Replacing: 0121615021  
 Servicing: Ford, Land Rover  
 Grooves 6, Pulley SP/FW, Fan IF

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**115545\*** Alternator 14 V, 200 Amp  
 Replacing: 0124625059  
 Pulley w/o, Fan IF



**115557** Alternator 28 V, 100 Amp  
 Manufacturer: Bosch  
 Replacing: 0124655023  
 Servicing: Mercedes-Benz  
 Terminal W, Total length 197.00,  
 Pulley w/o, Fan IF  
 Alternative no.: 113351  
 B: 80.00 mm

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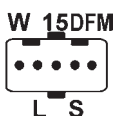
**115576\*** Alternator 14 V, 150 Amp  
 Replacing: 0125711103, 0125711046,  
 0125711005  
 Servicing: Ford  
 Grooves 7, Pulley SP/FW, Fan IF



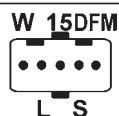
**115605** Alternator 14 V, 120 Amp  
 Replacing: 0120484027  
 Servicing: John Deere  
 Terminal W, Grooves 8, Pulley SP,  
 Fan EF  
 A: 78.00 B: 51.00 mm



**115606** Alternator 14 V, 150 Amp  
 Replacing: 0125711014, 0121615114,  
 0121615014  
 Servicing: Changan Ford Mazda, Ford, Volvo  
 Grooves 5, Total length 170.00,  
 Pulley SP/FW, Fan IF  
 A: 34.00 B: 33.00 C: 91.00 mm



**115617** Alternator 28 V, 100 Amp  
 Manufacturer: Bosch  
 Replacing: 0124655039, 0124655037,  
 0124655036, 0124655003  
 Servicing: Bova, DAF, Solaris  
 Pulley w/o, Fan IF  
 Alternative no.: 115618  
 B: 80.00 mm



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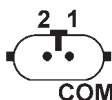
**115618** Alternator 28 V, 100 Amp  
 Replacing: 0124655039, 0124655037,  
 0124655036, 0124655003  
 Servicing: Bova, DAF, Solaris  
 Total length 193.00, Pulley w/o, Fan IF  
 Alternative no.: 115617   
 B: 80.10 mm



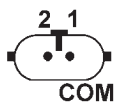
**115619** Alternator 14 V, 120 Amp  
 Replacing: 0124515004, 0124425027,  
 0124425009  
 Servicing: Holden, Opel, Saab, Vauxhall  
 Grooves 5, Pulley SP, Fan IF  
 A: 54.50 B: 33.50 C: 59.00 mm



**115621** Alternator 14 V, 110 Amp  
 Replacing: 0124325129, 0124325096,  
 0124325091  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 186.00,  
 Pulley SP, Fan IF  
 A: 39.00 B: 14.00 C: 60.50 mm



**115648** Alternator 14 V, 85 Amp  
 Manufacturer: Bosch  
 Replacing: 0124225056  
 Servicing: Renault  
 Grooves 4, Total length 177.00,  
 Pulley SP, Fan IF  
 A: 54.00 B: 27.00 C: 66.00 mm



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**115649\*** Alternator 14 V, 150 Amp  
 Replacing: 0124525538, 0124525151, 0124525101  
 Servicing: Renault  
 Grooves 7, Total length 193.00,  
 Pulley SP, Fan IF  
 A: 33.00 B: 14.00 C: 61.00 mm



**115658** Alternator 14 V, 110 Amp  
 Replacing: 0124325158, 0124325157  
 Servicing: Mini  
 Grooves 6, Pulley SP, Fan IF  
 A: 19.50 B: 81.50 C: 43.50 mm



**115671** Alternator 14 V, 180 Amp  
 Replacing: 0121715124, 0121715024  
 Servicing: Land Rover  
 Grooves 6, Total length 185.00,  
 Pulley SP/FW, Fan IF  
 A: 43.00 B: 21.00 C: 47.00 mm



**115673** Alternator 14 V, 150 Amp  
 Manufacturer: Bosch  
 Replacing: 01220AA3D0, 01220AA0D0  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 248.00,  
 Pulley SP/FW, Fan w/o  
 Water cooled.  
 Alternative no.: 112428  
 A: 63.75 B: 90.15 C: 146.00 mm



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**115677** Alternator 14 V, 120 Amp  
 Replacing: 0124515105  
 Servicing: BMW  
 Grooves 6, Total length 190.00,  
 Pulley SP, Fan IF  
 A: 69.00 B: 28.00 C: 76.80 mm



**115678** Alternator 14 V, 150 Amp  
 Replacing: 0124525057, 0124525056  
 Servicing: Porsche  
 Grooves 6, Total length 184.00,  
 Pulley SP/FW, Fan IF  
 A: 32.00 B: 14.00 C: 82.00 mm

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**115695\*** Alternator 14 V, 110 Amp  
 Replacing: F00BL06A0, F00BL0636  
 Servicing: Seat, Skoda, VW  
 Grooves 6, Pulley SP, Fan IF  
 mm



**115707** Alternator 14 V, 110 Amp  
 Manufacturer: Valeo  
 Replacing: 0124325190  
 Servicing: Audi, VW  
 Grooves 6, Total length 190.70,  
 Pulley SP/FW, Fan IF  
 A: 39.50 B: 14.00 C: 61.00 mm



**115708** Alternator 14 V, 160 Amp  
 Manufacturer: Bosch  
 Replacing: 0124625024  
 Servicing: Volvo  
 Grooves 6, Total length 198.00,  
 Pulley SP/FW, Fan IF  
 A: 45.50 B: 109.50 C: 82.00 mm



**115709** Alternator 14 V, 160 Amp  
 Replacing: 0124625003  
 Servicing: Volvo  
 Grooves 6, Total length 192.00,  
 Pulley SP/FW, Fan IF  
 A: 45.00 B: 20.00 C: 82.00 mm



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**115712** Alternator 14 V, 180 Amp  
 Replacing: 0125811028, 0125811027, 0121715171, 0121715071  
 Servicing: Seat, Skoda, VW  
 Grooves 6, Total length 193.00,  
 Pulley SP/FW, Fan IF  
 A: 39.50 B: 14.35 C: 64.10 mm



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**115714** Alternator 14 V, 110 Amp  
 Replacing: 0124325142  
 Servicing: Seat, Skoda  
 Grooves 6, Pulley SP/FW, Fan IF





**115716** Alternator 14 V, 150 Amp  
 Replacing: 0124525136, 0124525070  
 Servicing: Renault  
 Grooves 6, Total length 195.00,  
 Pulley SP, Fan IF  
 A: 38.50 B: 14.50 C: 61.20 mm



**115718** Alternator 14 V, 140 Amp  
 Replacing: 0124525119  
 Servicing: Case  
 Grooves 8, Pulley SP, Fan IF  
 A: 37.50 B: 14.00 C: 80.00 mm



**115730** Alternator 14 V, 140 Amp  
 Replacing: 0124525146  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 195.00,  
 Pulley SP/FW, Fan IF  
 A: 39.50 B: 14.10 C: 61.00 mm



**115739** Alternator 14 V, 180 Amp  
 Manufacturer: Bosch  
 Replacing: 0125811029, 0125811021  
 Servicing: Citroen, Peugeot  
 Grooves 6, Pulley SP/FW, Fan IF



**115746** Alternator 14 V, 90 Amp  
 Replacing: 0124225058  
 Servicing: Smart (MCC)  
 Grooves 5, Total length 174.00,  
 Pulley SP, Fan IF  
 A: 90.50 B: 58.20 mm



**115753** Alternator 14 V, 180 Amp  
 Replacing: 0121715102, 0121715002  
 Servicing: Volvo  
 Grooves 6, Total length 170.00,  
 Pulley SP, Fan IF  
 A: 23.50 B: 70.75 C: 85.00 mm

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**115759\*** Alternator 14 V, 150 Amp  
 Replacing: 0125711028  
 Servicing: Mercedes-Benz  
 Grooves 5, Pulley SP, Fan IF



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**115763** Alternator 14 V, 150 Amp  
 Replacing: 0124615021  
 Grooves 5, Pulley SP/FW, Fan IF



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**115764** Alternator 14 V, 90 Amp  
 Replacing: 0124515067, 0124325141  
 Servicing: Seat, Skoda  
 Grooves 6, Pulley SP/FW, Fan IF



**115765** Alternator 14 V, 140 Amp  
 Replacing: 0124525545, 0124525201  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 192.00,  
 Pulley SP/FW, Fan IF  
 A: 30.00 B: 15.00 C: 61.20 mm

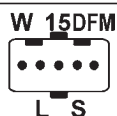
**NEW PRODUCT**  
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**115767\*** Alternator 14 V, 140 Amp  
 Replacing: 0124525544, 0124525200  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Pulley SP/FW, Fan IF  
 mm



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**115804** Alternator 14 V, 180 Amp  
 Replacing: 0121715116, 0121715016  
 Servicing: BMW  
 Grooves 7, Pulley SP/FW, Fan IF



**115805** Alternator 28 V, 150 Amp  
 Manufacturer: Bosch  
 Replacing: 0124655292, 0124655291, 0124655073  
 Servicing: Mercedes-Benz  
 Total length 198.00, Pulley w/o, Fan IF  
 B: 80.20 mm

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**115808** Alternator 28 V, 150 Amp  
 Replacing: 0124655161, 0124655125  
 Servicing: Mercedes-Benz  
 Pulley w/o, Fan IF



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**115835** Alternator 14 V, 120 Amp  
 Replacing: 0124515073, 0124515072  
 Servicing: Porsche  
 Grooves 6, Total length 187.00,  
 Pulley SP/FW, Fan IF  
 A: 32.00 B: 14.00 C: 82.00 mm



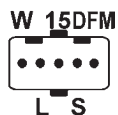
**115837** Alternator 14 V, 70 Amp  
 Replacing: 0123310052  
 Servicing: Ford, Nissan  
 Terminal W, Grooves 1,  
 Total length 153.00, Pulley P, Fan IF  
*Like HC-CARGO 111980, but with W terminal.*  
 A: 42.00 B: 13.00 C: 80.50 mm



**115843** Alternator 14 V, 120 Amp  
 Replacing: 0124425060  
 Servicing: Opel, Vauxhall  
 Grooves 5, Total length 185.00,  
 Pulley SP/FW, Fan IF  
 A: 64.00 B: 23.00 C: 57.00 mm



**115844** Alternator 14 V, 130 Amp  
 Replacing: 0124615055, 0123510073  
 Servicing: Land Rover  
 Grooves 7, Total length 189.00,  
 Pulley SP, Fan IF  
 A: 83.00 B: 56.00 mm



**115845** Alternator 28 V, 100 Amp  
 Replacing: 0124655013  
 Servicing: John Deere  
 Grooves 8, Total length 216.00,  
 Pulley SP, Fan IF  
 A: 44.50 B: 13.50 C: 106.00 mm



**115846** Alternator 14 V, 120 Amp  
 Replacing: 0124425015  
 Servicing: Opel, Vauxhall  
 Grooves 5, Total length 192.00,  
 Pulley SP/FW, Fan IF  
 A: 69.00 B: 33.50 mm



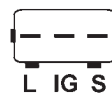
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**115847\*** Alternator 14 V, 150 Amp  
 Replacing: 0121615107, 0121615007  
 Servicing: Ford  
 Grooves 6, Pulley SP, Fan IF



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**115867\*** Alternator 14 V, 150 Amp  
 Replacing: 0124525561, 0124525059,  
 0124525045, 0124525042, 0124325072,  
 0124325062  
 Servicing: BMW  
 Grooves 6, Pulley SP/FW, Fan IF  
 Alternative no.: 113871



**115871** Alternator 28 V, 90 Amp  
 Manufacturer: Mitsubishi  
 Replacing: 0123525502  
 Servicing: Iveco  
 Grooves 12, Total length 204.00,  
 Pulley SP, Fan IF  
 Alternative no.: 112427  
 A: 90.00 B: 58.00 mm



**115873** Alternator 14 V, 55 Amp  
 Manufacturer: Marelli  
 Replacing: 0120489336, 0120488284  
 Servicing: Alfa Romeo, Fiat, Iveco  
 Grooves 1, Total length 172.00, Pulley P,  
 Fan EF  
 Alternative no.: 111418  
 A: 49.00 B: 17.00 C: 65.00 mm



**115879** Alternator 28 V, 90 Amp  
 Manufacturer: Mitsubishi  
 Replacing: 0123525503, 0123525500  
 Servicing: Iveco  
 Grooves 10, Total length 196.00,  
 Pulley SP, Fan IF  
 Alternative no.: 113923  
 A: 90.00 B: 58.00 mm



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**115897\*** Alternator 14 V, 200 Amp  
 Replacing: 0124625017  
 Servicing: Mercedes-Benz  
 Grooves 7, Pulley SP/FW, Fan IF



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**115904\*** Alternator 14 V, 150 Amp  
 Replacing: 0124525083  
 Servicing: BMW, Brilliance BMW  
 Grooves 6, Pulley SP/FW, Fan IF



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**115905** Alternator 14 V, 150 Amp  
 Manufacturer: Bosch  
 Replacing: 0124525055, 0124525054  
 Servicing: Beijing Benz (BBDC), Mercedes-Benz  
 Grooves 6, Pulley SP, Fan IF



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**115906** Alternator 14 V, 180 Amp  
 Replacing: 0121715151, 0121715051,  
 0121715041  
 Servicing: Audi  
 Grooves 6, Total length 175.00,  
 Pulley SP, Fan IF  
 A: 30.00 B: 13.00 C: 61.00 mm

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**115907** Alternator 14 V, 140 Amp  
 Replacing: 0124525019  
 Servicing: Saab  
 Grooves 6, Total length 200.00,  
 Pulley SP/FW, Fan IF  
 A: 60.00 B: 33.50 C: 56.90 mm

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**115908\*** Alternator 14 V, 150 Amp  
 Replacing: 0121615132, 0121615032  
 Servicing: Changan Volvo, Volvo  
 Grooves 6, Pulley SP/FW, Fan IF



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**115909\*** Alternator 14 V, 220 Amp  
 Replacing: 0121813005  
 Servicing: Mercedes-Benz  
 Grooves 8, Total length 191.00,  
 Pulley SP/FW, Fan IF  
 A: 40.00 B: 90.20 C: 52.00 mm



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**115910** Alternator 14 V, 180 Amp  
 Replacing: 0121715180, 0121715176,  
 0121715080, 0121715076  
 Servicing: Audi  
 Grooves 6, Total length 179.00,  
 Pulley SP, Fan IF  
 A: 30.00 B: 14.50 C: 62.30 mm



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**115952\*** Alternator 14 V, 90 Amp  
 Replacing: 0124225064  
 Servicing: Smart (MCC)  
 Grooves 5, Pulley SP/FW, Fan IF



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**115955** Alternator 14 V, 150 Amp  
 Replacing: 0124525130  
 Servicing: Fiat  
 Grooves 7, Total length 191.00,  
 Pulley SP, Fan IF  
 A: 41.30 B: 14.00 C: 80.00 mm



**115963** Alternator 14 V, 90 Amp  
 Replacing: 0124225063  
 Servicing: Alfa Romeo, Fiat, Lancia, Opel,  
 Suzuki, Vauxhall  
 Grooves 6, Total length 196.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 113722   
 A: 41.00 B: 64.20 C: 55.00 mm





**115976** Alternator 14 V, 150 Amp  
 Replacing: 0124525080, 0124525026  
 Servicing: BMW  
 Grooves 6, Total length 176.00,  
 Pulley SP, Fan IF  
 Alternative no.: 113858   
 A: 68.50 B: 28.00 C: 75.00 mm



**115987** Alternator 14 V, 143 Amp  
 Replacing: 0986043130, 0986041060,  
 0124615053, 0123510075, 0123510074,  
 0123510060  
 Servicing: Fendt  
 Total length 184.00, Pulley w/o, Fan IF  
*Bosch Type.*  
 Alternative no.: 112196   
 B: 56.00 mm



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**116012\*** Alternator 14 V, 150 Amp  
 Replacing: 0121615110, 0121615010  
 Servicing: BMW  
 Grooves 6, Total length 170.00,  
 Pulley SP/FW, Fan IF  
 A: 30.00 B: 63.00 C: 41.00 mm



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**116017** Alternator 14 V, 90 Amp  
 Replacing: 0124325020  
 Servicing: VW  
 Grooves 6, Total length 182.00,  
 Pulley SP/FW, Fan IF  
 A: 33.00 B: 13.50 C: 82.00 mm



**116038** Alternator 14 V, 180 Amp  
 Replacing: 0121715103, 0121715003  
 Servicing: VW  
 Grooves 6, Total length 193.00  
 A: 39.50 B: 14.20 C: 61.00 mm

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**116047** Alternator  
 Replacing: 0124325178  
 Servicing: LDV  
 Alternative no.: 114019

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**116057\*** Alternator 14 V, 220 Amp  
 Replacing: 0121813114, 0121813014  
 Servicing: Mercedes-Benz  
 Grooves 6



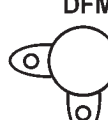
**116060** Alternator 14 V, 180 Amp  
 Replacing: 0121715115, 0121715015,  
 0121715011  
 Servicing: Mercedes-Benz  
 Grooves 7, Total length 183.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 114380   
 A: 31.00 B: 70.00 C: 56.00 mm



**116061** Alternator 14 V, 150 Amp  
 Manufacturer: Bosch  
 Replacing: 0125711132, 0125711131,  
 0125711102, 0125711101, 0125711058,  
 0125711001  
 Servicing: Citroen, Ford, Peugeot  
 Grooves 6, Total length 184.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 115461  
 A: 43.20 B: 92.50 C: 73.75 mm



**116063** Alternator 28 V, 140 Amp  
 Replacing: 0120689587, 0120689574,  
 0120689571, 0120689535, 0120689530  
 Servicing: Drögmöller, Mercedes-Benz, Setra,  
 Various Agriculture Vehicles  
 Terminal W, Total length 302.00,  
 Pulley w/o, Fan EF  
*w/o bushing in rear brackethole. B- M8.*  
*Shaft 30 mm. Heavy duty type: HC-CARGO*  
 113589. 180 A.  
 Alternative no.: 111833  
 B: 15.70 C: 182.00 mm



**116067** Alternator 14 V, 150 Amp  
 Replacing: 0124525035  
 Servicing: Citroen, Peugeot  
 Total length 177.50, Pulley w/o, Fan IF  
*As HC-CARGO 113640, but w/o pulley.*  
 Alternative no.: 113640  
 B: 21.20 C: 45.80 mm

**116075\*** Alternator 14 V, 60 Amp  
 Replacing: 0123105003  
 Servicing: BMW  
 Pulley w/o, Fan IF

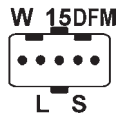


**116080\*** Alternator 14 V, 220 Amp  
 Replacing: 0121813120, 0121813020  
 Servicing: Mercedes-Benz  
 Grooves 7, Pulley SP/FW, Fan IF  
 Regulator F00M346081 = HC-CARGO 235822.



**116081\*** Alternator 14 V, 220 Amp  
 Replacing: 0121813101, 0121813001  
 Servicing: Mercedes-Benz  
 Grooves 6, Pulley SP, Fan IF  
 Regulator F00M346081 = HC-CARGO 235822.

**116095\*** Alternator 14 V, 90 Amp  
 Replacing: F000BL0410  
 Servicing: Dacia, Renault  
 Grooves 7, Pulley SP/FW, Fan IF



**116098** Alternator 28 V, 150 Amp  
 Manufacturer: Bosch  
 Replacing: 0124655102, 0124655057  
 Servicing: Volvo  
 Grooves 8, Pulley SP, Fan IF  
 A: 44.50 B: 13.50 C: 107.00 mm

**116100\*** Alternator 14 V, 220 Amp  
 Replacing: 0121813102, 0121813002  
 Servicing: Mercedes-Benz  
 Grooves 7, Pulley SP, Fan IF

**116101\*** Alternator 14 V, 220 Amp  
 Replacing: 0121813106, 0121813006  
 Servicing: Mercedes-Benz  
 Grooves 6



**111388** Alternator 14 V, 100/105 Amp

Replacing: 390555, 296028

Servicing: Buick, Chevrolet, Oldsmobile, Pontiac

Grooves 6, Total length 169.50,

Pulley SP, Fan EF

Replacing: CS130.

A: 73.00 B: 51.00 mm



**115319** Alternator 14 V, 45 Amp

Replacing: 825577

Servicing: Briggs & Stratton

Pulley w/o, Fan IF

B: 21.00 mm





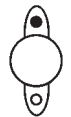
**110077** Alternator 14 V, 50 Amp  
 Replacing: 860150, 858885  
 Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall  
 Grooves 1, Total length 171.00, Pulley P, Fan EF  
 A: 78.50 B: 56.00 mm



**110113** Alternator 28 V, 27 Amp  
 Replacing: 857479, 857475  
 Servicing: Mercedes-Benz  
 Total length 165.00, Pulley w/o, Fan EF  
 B: 80.00 mm



**110116** Alternator 28 V, 35 Amp  
 Replacing: 860155, 859020, 858773  
 Servicing: DAF, Ford, MAN  
 Terminal W, Total length 180.00, Pulley w/o, Fan w/o  
 B: 80.00 mm



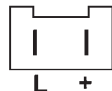
**110173** Alternator 28 V, 75 Amp  
 Replacing: LNA7524/1, LNA7524, 859866Z  
 Servicing: Clark, DAF  
 Total length 246.00, Pulley w/o, Fan EF, Insulated return  
 B: 14.50 C: 101.50 mm



**110175** Alternator 28 V, 100 Amp  
 Replacing: 859490PB  
 Servicing: Volvo Penta  
 Total length 249.00, Pulley w/o, Fan EF, Insulated return  
 Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.  
 B: 14.75 C: 103.00 mm



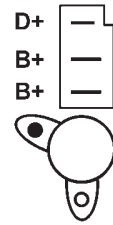
**110176** Alternator 28 V, 175 Amp  
 Replacing: 859477PB, 859477B  
 Servicing: Volvo Penta  
 Terminal W, Total length 278.00, Pulley w/o, Fan EF, Insulated return  
 B: 14.75 C: 101.50 mm



**110889** Alternator 14 V, 75 Amp  
 Replacing: 860140  
 Servicing: Renault, Renault V.I.  
 Terminal W, Grooves 1, Total length 186.50, Pulley P, Fan EF  
 A: 57.90 B: 26.90 C: 69.00 mm



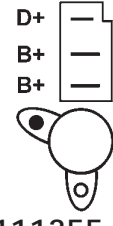
**110895** Alternator 28 V, 55 Amp  
 Replacing: 859820  
 Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong  
 Terminal W, Total length 196.50, Pulley w/o, Fan EF  
 B: 80.00 mm



**110968** Alternator 14 V, 70 Amp  
 Replacing: 858787  
 Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra  
 Grooves 1, Total length 167.00, Pulley P, Fan EF  
 Pulley distance is ok from 34.00 to 43.00 mm.  
 A: 34.00 B: 11.00 C: 82.00 mm



**111295** Alternator 28 V, 55 Amp  
 Manufacturer: Prestolite  
 Replacing: LNA5524/7, LNA5524/3, LNA5524/2, LNA5524/1, LNA5524/0, A5524/58, A5524/56, A5524/46, A5524/37  
 Servicing: Cummins, Perkins  
 Terminal W, Total length 188.60, Pulley w/o, Fan EF, Insulated return  
 Shaft dia. 19.00 mm.  
 B: 76.25 mm



**111355** Alternator 14 V, 65 Amp  
 Replacing: 858776  
 Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra  
 Terminal W, Grooves 1, Total length 163.50, Pulley P, Fan EF  
 A: 37.00 B: 11.50 C: 81.00 mm



**111568** Alternator 14 V, 85 Amp  
 Replacing: 859023  
 Servicing: Citroen, Fiat  
 Grooves 6, Total length 200.50, Pulley SP, Fan IF  
 A: 41.00 B: 17.00 C: 82.00 mm



**111629** Alternator 28 V, 120 Amp  
 Replacing: 860170, 860166  
 Servicing: MAN, Mercedes-Benz, Setra  
 Terminal W, Total length 310.50,  
 Pulley w/o, Fan EF  
 B- M8. Shaft 30 mm. Heavy duty type: HC-CARGO 113589. 180 A.  
 B: 15.00 C: 180.00 mm



**111746** Alternator 28 V, 80 Amp  
 Replacing: 860551  
 Servicing: Volvo  
 Terminal W, Total length 196.00,  
 Pulley w/o, Fan EF  
 B: 14.50 C: 112.40 mm



**111834** Alternator 28 V, 55 Amp  
 Replacing: 858882  
 Servicing: Scania  
 Terminal W, Total length 180.00,  
 Pulley w/o, Fan EF  
 Heavy duty type: HC-CARGO 112182 (80 A).  
 B: 80.00 mm



**111886** Alternator 28 V, 65 Amp  
 Replacing: 860306  
 Servicing: Scania  
 Terminal W, Total length 190.00,  
 Pulley w/o, Fan w/o  
 B: 23.25 C: 68.70 mm



**112076** Alternator 28 V, 80 Amp  
 Replacing: 860560, 860134  
 Servicing: Iveco, Renault V.I., Scania  
 Terminal W, Total length 183.00,  
 Pulley w/o, Fan EF  
 B: 27.00 C: 72.10 mm



**112159** Alternator 28 V, 80 Amp  
 Replacing: 860558, 860151  
 Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.  
 Terminal W, Total length 186.00,  
 Pulley w/o, Fan EF  
 B: 80.40 mm



**112343** Alternator 28 V, 140 Amp  
 Replacing: 860138  
 Servicing: Renault V.I., Scania, Volvo  
 Terminal W, Total length 304.50,  
 Pulley w/o, Fan EF  
 B- M8. Shaft 30 mm.  
 B: 15.30 C: 182.00 mm



**112345** Alternator 28 V, 55 Amp  
 Replacing: 860135, 858880  
 Servicing: Volvo  
 Terminal W, Total length 179.50,  
 Pulley w/o, Fan w/o  
 B: 51.50 mm



**112493** Alternator 28 V, 65 Amp  
 Replacing: 860568  
 Servicing: Case  
 Terminal W, Total length 232.00,  
 Pulley w/o, Fan EF  
 B: 14.00 C: 100.00 mm



**112561** Alternator 28 V, 80 Amp  
 Replacing: 860559  
 Servicing: Mercedes-Benz  
 Terminal W, Total length 188.00,  
 Pulley w/o, Fan EF  
 B: 80.00 mm



**112757** Alternator 28 V, 55 Amp  
 Replacing: 860157  
 Servicing: Scania, Volvo  
 Terminal W, Total length 185.00,  
 Pulley w/o, Fan EF  
 Bosch 0 120 469 963 = Insulated, HC-CARGO 112757 is not insulated.  
 B: 27.50 C: 68.00 mm



**112803** Alternator 28 V, 80 Amp  
 Replacing: 860562, 859983  
 Servicing: Volvo  
 Terminal W, Total length 181.50,  
 Pulley w/o, Fan EF  
 B: 51.00 mm




**114296** Alternator 28 V, 90 Amp

Replacing: 860810

Servicing: Ginaf, Iveco

Pulley w/o, Fan IF

Alternative no.: 115489 

B: 14.00 C: 81.00 mm

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**110112** Alternator 28 V, 40 Amp  
 Replacing: 2998054  
 Servicing: Volvo, Volvo Penta  
 Terminal W, Total length 175.50,  
 Pulley w/o, Fan w/o  
 B: 51.00 mm



**110116** Alternator 28 V, 35 Amp  
 Replacing: 2998055  
 Servicing: DAF, Ford, MAN  
 Terminal W, Total length 180.00,  
 Pulley w/o, Fan w/o  
 B: 80.00 mm



**111295** Alternator 28 V, 55 Amp  
 Manufacturer: Prestolite  
 Replacing: AC5RS-24, 1268690, 1268660,  
 1268650, 1268630M, 1268620, 1268610,  
 1268600M, 1268590M, 1268590C  
 Servicing: Cummins, Perkins  
 Terminal W, Total length 188.60,  
 Pulley w/o, Fan EF, Insulated return  
 Shaft dia. 19.00 mm.  
 B: 76.25 mm



**111578** Alternator 14 V, 60 Amp  
 Replacing: S11524-18X  
 Servicing: Honda, Rover  
 Grooves 3, Total length 153.00,  
 Pulley SP, Fan IF  
 A: 89.50 B: 58.25 mm



**111629** Alternator 28 V, 120 Amp  
 Replacing: 1277640  
 Servicing: MAN, Mercedes-Benz, Setra  
 Terminal W, Total length 310.50,  
 Pulley w/o, Fan EF  
 B- M8. Shaft 30 mm. Heavy duty type: HC-  
 CARGO 113589. 180 A.  
 B: 15.00 C: 180.00 mm



**111833** Alternator 28 V, 140 Amp  
 Replacing: 1277670  
 Servicing: Drögmöller, Mercedes-Benz, Setra,  
 Various Agriculture Vehicles  
 Terminal W, Total length 302.00,  
 Pulley w/o, Fan EF  
 w/ bushing in rear brackethole. B- M8. Shaft  
 30 mm. Heavy duty type: HC-CARGO 113589.  
 180 A.  
 Alternative no.: 116063  
 B: 15.70 C: 182.00 mm



**111842** Alternator 28 V, 140 Amp  
 Replacing: 1277720, 1277690  
 Servicing: Ikarus, MAN, Mercedes-Benz,  
 Neoplan  
 Terminal W, Total length 313.00,  
 Pulley w/o, Fan EF  
 B- M8. Shaft 30 mm.  
 B: 15.00 C: 180.00 mm



**112097** Alternator 28 V, 30 Amp  
 Replacing: 2998230  
 Servicing: Allis Chalmers, Astra, Fahr, Iveco,  
 Laverda  
 Grooves 1, Total length 174.00, Pulley P,  
 Fan w/o  
 A: 45.00 B: 17.00 C: 63.00 mm



**112343** Alternator 28 V, 140 Amp  
 Replacing: 1277680  
 Servicing: Renault V.I., Scania, Volvo  
 Terminal W, Total length 304.50,  
 Pulley w/o, Fan EF  
 B- M8. Shaft 30 mm.  
 B: 15.30 C: 182.00 mm



**116063** Alternator 28 V, 140 Amp  
 Replacing: 1277670  
 Servicing: Drögmöller, Mercedes-Benz, Setra,  
 Various Agriculture Vehicles  
 Terminal W, Total length 302.00,  
 Pulley w/o, Fan EF  
 w/o bushing in rear brackethole. B- M8.  
 Shaft 30 mm. Heavy duty type: HC-CARGO  
 113589. 180 A.  
 Alternative no.: 111833  
 B: 15.70 C: 182.00 mm



**110074** Alternator 14 V, 60 Amp  
 Replacing: 3000011, 3000010, 2875844, 2642121  
 Servicing: Chrysler, Dodge, Plymouth  
 Grooves 2, Total length 183.00,  
 Pulley DP, Fan IF  
 Regulator: HC-CARGO 130504.  
 A: 31.00 B: 12.80 C: 60.50 mm



**110236** Alternator 14 V, 60 Amp  
 Replacing: 3874777, 3856713, 3780589,  
 3755413, 3656570, 3656459, 3656455,  
 3656397, 3656395, 3656131, 3656130  
 Servicing: Chrysler, Dodge, Plymouth  
 Grooves 2, Total length 165.00,  
 Pulley DP, Fan IF  
 2 fields. Regulator: HC-CARGO 131280.  
 A: 31.50 B: 12.70 C: 59.90 mm



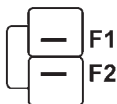
**110514** Alternator 14 V, 78 Amp  
 Replacing: 5226135, 5213763, 5213762, 5213541,  
 5213540, 5213079, 5213053, 5206981, 5206971  
 Servicing: Chrysler, Dodge, Plymouth  
 Grooves 1, Total length 156.00, Pulley P,  
 Fan IF  
 Square back. Regulator: HC-CARGO 131280.  
 A: 32.00 B: 13.00 C: 61.50 mm



**110986** Alternator 14 V, 100/105 Amp  
 Replacing: 53002898  
 Servicing: Jeep  
 Grooves 6, Total length 174.00,  
 Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.00 B: 50.80 mm



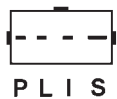
**111193** Alternator 14 V, 90 Amp  
 Replacing: 56005684, 5234031, 5234027,  
 5234026, 5233718, 5233416  
 Servicing: Chrysler, Dodge, Jeep, Plymouth  
 Total length 179.00, Pulley w/o, Fan IF  
 Regulator: HC-CARGO 131280.  
 B: 12.65 C: 54.00 mm



**111530**<sup>#</sup> Alternator 14 V, 90 Amp  
 Replacing: 4793190, 4793189, 4686106,  
 4671041  
 Servicing: Chrysler, Dodge, Eagle, Mitsubishi,  
 Plymouth  
 Grooves 4, Total length 175.00,  
 Pulley SP, Fan IF  
 A: 33.00 B: 12.30 C: 54.10 mm



**111814**<sup>#</sup> Alternator 14 V, 120 Amp  
 Replacing: 4727036, 4686021  
 Servicing: Chrysler  
 Grooves 5, Total length 182.00,  
 Pulley SP, Fan EF  
 Regulator: HC-CARGO 131280.  
 A: 34.00 B: 12.00 C: 54.00 mm



**112447** Alternator 14 V, 105 Amp  
 Replacing: 4609003, 33002941  
 Servicing: Dodge, Eagle  
 Grooves 6, Total length 172.00,  
 Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 33.00 B: 12.90 C: 81.80 mm



**112583** Alternator 14 V, 90 Amp  
 Replacing: 4727220, 4686098  
 Servicing: Chrysler  
 Grooves 6, Total length 184.00,  
 Pulley SP, Fan IF  
 A: 33.50 B: 12.00 C: 54.00 mm



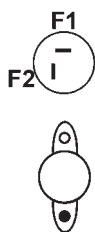
**113051**<sup>#</sup> Alternator 14 V, 120 Amp  
 Replacing: 5233608  
 Servicing: Chrysler, Dodge, Plymouth  
 Grooves 4, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 34.00 B: 12.00 C: 54.00 mm



**113063** Alternator 14 V, 90 Amp  
 Replacing: 59005685, 56005685AB, 56005685  
 Servicing: Dodge, Jeep  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 34.00 B: 14.30 C: 54.00 mm



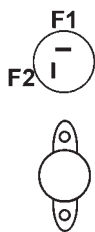
**113067** Alternator 14 V, 90 Amp  
 Replacing: 4609415  
 Servicing: Chrysler, Dodge, Plymouth  
 Grooves 6, Total length 183.00,  
 Pulley SP, Fan IF  
 A: 34.00 B: 22.00 C: 54.00 mm



**113069** Alternator 14 V, 125 Amp  
 Replacing: 4671320  
 Servicing: Chrysler  
 Grooves 6, Total length 184.50,  
 Pulley SP, Fan IF  
 A: 33.80 B: 22.30 C: 54.00 mm



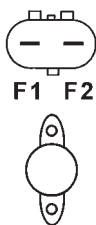
**113071** Alternator 14 V, 136 Amp  
 Replacing: 56027913  
 Servicing: Dodge, Jeep  
 Grooves 7, Total length 193.00,  
 Pulley SP, Fan IF  
 A: 34.50 B: 12.00 C: 54.00 mm



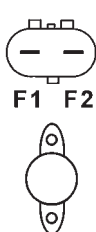
**113235** Alternator 14 V, 130 Amp  
 Replacing: 5104775AA, 4727329AA,  
 4727329A, 4727329, 4727325AA, 4727325,  
 4727221, 4686099, 38522264F, 04727325  
 Servicing: Chrysler, Dodge  
 Grooves 6, Total length 191.00,  
 Pulley SP, Fan IF  
 A: 35.00 B: 12.00 C: 54.00 mm



**113302** Alternator 14 V, 120 Amp  
 Replacing: 5097755AA  
 Servicing: Chrysler, Mercedes-Benz  
 Grooves 6, Total length 184.50,  
 Pulley SP, Fan IF  
 A: 82.00 B: 56.00 mm



**113358** Alternator 14 V, 117 Amp  
 Replacing: 56041822AA, 56005685AC  
 Servicing: Dodge, Jeep  
 Grooves 6, Total length 187.00,  
 Pulley SP, Fan IF  
 A: 33.20 B: 13.30 C: 54.00 mm



**113362** Alternator 14 V, 136 Amp  
 Replacing: 56027221AB  
 Servicing: Dodge  
 Grooves 8, Total length 193.00,  
 Pulley SP, Fan IF  
 A: 33.50 B: 13.00 C: 54.00 mm



**113365** Alternator 14 V, 120 Amp  
 Replacing: 4609999AB, 4609999  
 Servicing: Chrysler, Dodge  
 Grooves 6, Total length 170.50,  
 Pulley SP, Fan IF  
 A: 26.00 B: 12.00 C: 68.00 mm



**113559** Alternator 14 V, 136 Amp  
 Replacing: 56041324AC, 56041324  
 Servicing: Dodge, Jeep  
 Grooves 6, Total length 173.00,  
 Pulley SP, Fan IF  
 A: 27.00 B: 12.00 C: 68.00 mm



**113607** Alternator 14 V, 136 Amp  
 Replacing: 56041693AC, 56041693AB,  
 56041693AA, 56029700AA, 5170746AA  
 Servicing: Dodge, Jeep  
 Grooves 6, Total length 168.00,  
 Pulley SP, Fan IF  
 A: 27.00 B: 12.00 C: 68.00 mm



**113803** Alternator 14 V, 160 Amp  
 Replacing: 4868430AF, 4868430AE,  
 4868430AD, 4868430AC, 4868430AB,  
 04868431AC, 04868431AB, 04868430AF  
 Servicing: Chrysler, Dodge  
 Grooves 6, Total length 164.00,  
 Pulley SP/FW, Fan IF  
 A: 50.50 B: 30.00 mm



**113884** Alternator 14 V, 150 Amp  
 Replacing: 5033757AB, 05033757AB,  
 05033757AA  
 Servicing: Ford, Jeep, Mitsubishi, Seat, VW  
 Grooves 6, Total length 201.50,  
 Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.35 C: 59.00 mm



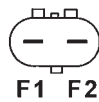
**114011** Alternator 14 V, 160 Amp  
 Replacing: 4868429AD, 4868429AC, 4868429AB,  
 04868429AD, 04868429AC, 04868429AB  
 Servicing: Chrysler  
 Grooves 6, Total length 202.00,  
 Pulley SP/FW, Fan IF  
 A: 46.00 B: 14.00 C: 60.00 mm

## ALTERNATORS

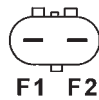




**114042** Alternator 14 V, 180 Amp  
 Manufacturer: Valeo  
 Replacing: 04801250AD, 04801250AC, 04801250AB, 04801250AA  
 Servicing: Jeep, Mercedes-Benz  
 Grooves 7, Total length 187.00,  
 Pulley SP/FW, Fan IF  
 Can also be supplied w/ 1 plug (PLUG125).  
 Alternative no.: 116113  
 A: 31.00 B: 70.00 mm



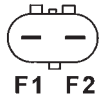
**114210** Alternator 14 V, 120 Amp  
 Replacing: 5073920AC, 5073920AB, 5073920AA, 05073920AC, 05073920AB, 05073920AA  
 Servicing: Jeep  
 Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 332302. SP/FW.  
 B: 70.00 C: 56.00 mm



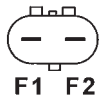
**114243** Alternator 14 V, 130 Amp  
 Replacing: 38522276F, 38522276  
 Servicing: Jeep  
 Grooves 8, Total length 183.00,  
 Pulley SP, Fan IF  
 A: 28.00 B: 12.15 C: 68.00 mm



**114300** Alternator 14 V, 120 Amp  
 Replacing: 38522267F  
 Servicing: Land Rover  
 Grooves 7, Total length 236.00,  
 Pulley SP, Fan IF  
 A: 143.00 B: 69.70 mm



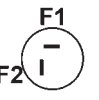
**114377** Alternator 14 V, 110 Amp  
 Replacing: 56041578AE, 56041578AD  
 Servicing: Jeep  
 Grooves 6, Total length 180.00,  
 Pulley SP/FW, Fan IF  
 A: 28.00 B: 12.80 C: 68.00 mm



**114511** Alternator 14 V, 120 Amp  
 Replacing: 4606755AC, 04606755AD, 04606755AC  
 Servicing: Chrysler, Dodge  
 Grooves 6, Total length 158.00,  
 Pulley SP, Fan IF  
 A: 22.50 B: 69.30 C: 86.00 mm



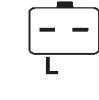
**114663** Alternator 14 V, 150 Amp  
 Replacing: 5080464AB, 05080464AD, 05080464AB  
 Servicing: Chrysler  
 Total length 173.00, Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 332302.  
 B: 70.00 C: 56.00 mm



**114828** Alternator 14 V, 90 Amp  
 Replacing: 4864441, 38522255F, 38522237F  
 Servicing: Jeep  
 Grooves 8, Total length 245.00,  
 Pulley SP, Fan IF  
 A: 142.00 B: 70.00 mm



**114832** Alternator 14 V, 180 Amp  
 Replacing: 04996808AC, 04896808AC, 04896808AB, 04896808AA  
 Servicing: Beijing Benz (BBDC), Chrysler  
 Grooves 7, Total length 200.00,  
 Pulley SP/FW, Fan IF  
 A: 31.00 B: 70.00 C: 56.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115527** Alternator 14 V, 150 Amp  
 Replacing: 56044672AB, 56044672AA  
 Servicing: Jeep  
 Grooves 6, Total length 191.00,  
 Pulley SP/FW, Fan IF  
 A: 51.00 B: 30.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115679** Alternator 14 V, 130 Amp  
 Replacing: P56029574AA, 56029574AA  
 Servicing: Chrysler, Fiat  
 Grooves 6, Total length 197.00,  
 Pulley SP/FW, Fan IF  
 A: 113.50 B: 61.50 C: 61.50 mm

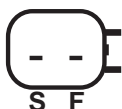


**115701** Alternator 14 V, 210 Amp  
 Replacing: 4801338AB, 04801338AB  
 Servicing: Jeep  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 52.00 B: 70.00 C: 42.00 mm

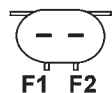


**NEW PRODUCT**  
www.hc-cargo.com

**115752** Alternator 14 V, 90 Amp  
Replacing: 38522262F  
Grooves 8, Pulley SP, Fan IF

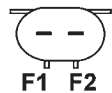


**115925** Alternator 14 V, 115 Amp  
Replacing: 4801323AD, 4801323AC,  
4801323AB, 04801323AD, 04801323AC,  
04801323AB  
Servicing: Chrysler, Dodge, Jeep  
Grooves 6, Total length 198.00,  
Pulley SP/FW, Fan IF  
A: 34.00 B: 12.70 C: 53.80 mm



**NEW PRODUCT**  
www.hc-cargo.com

**115935** Alternator 14 V, 130 Amp  
Replacing: 56044532AD, 56044532AC,  
56044532AB, 56044532AA, 56044530AC,  
56044530AB, 56044530AA  
Servicing: Jeep  
Grooves 6, Pulley SP/FW, Fan IF  
A: 27.00 B: 12.00 C: 67.50 mm

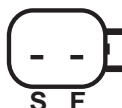


**115936** Alternator 14 V, 150 Amp  
Replacing: 4868324AA, 4727324AB,  
04868324AA, 04727324AB  
Servicing: Chrysler, Dodge  
Grooves 6, Total length 174.50,  
Pulley SP, Fan IF  
A: 22.20 B: 69.00 C: 84.50 mm



**NEW PRODUCT**  
www.hc-cargo.com

**116020** Alternator 14 V, 100 Amp  
Replacing: 5033253AA  
Servicing: Chrysler, Dodge  
Grooves 4, Total length 172.00,  
Pulley SP, Fan IF  
A: 36.50 B: 12.00 C: 51.00 mm



**NEW PRODUCT**  
www.hc-cargo.com

**116037\*** Alternator 14 V, 160 Amp  
Replacing: 4801490AA  
Servicing: Dodge  
Grooves 6, Pulley SP/FW, Fan IF

**NEW PRODUCT**  
www.hc-cargo.com

**116113** Alternator  
Replacing: 04801250AD, 04801250AC,  
04801250AB, 04801250AA  
Servicing: Jeep, Mercedes-Benz  
Alternative no.: 114042


**S I L P**

**112165** Alternator 14 V, 75 Amp

Replacing: 461

Servicing: Renault

Grooves 4, Total length 179.00,

Pulley SP, Fan IF

A: 46.70 B: 27.00 C: 66.50 mm


**L DFM**

**113771** Alternator 14 V, 190 Amp

Replacing: 10480407, 10480403

Servicing: Mercedes-Benz

Grooves 6, Total length 196.00,

Pulley SP/FW, Fan IF

*Water cooled.*

A: 30.50 B: 93.45 C: 56.75 mm


**L DFM**

**113772** Alternator 14 V, 190 Amp

Replacing: 10480408, 10480404

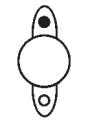
Servicing: Mercedes-Benz

Grooves 6, Total length 195.00,

Pulley SP/FW, Fan IF

*Water cooled.*

A: 31.00 B: 93.50 C: 56.00 mm


**L IG/R**

**114114** Alternator 14 V, 65 Amp

 Replacing: 96380673, 219292, 219235,  
219170

Servicing: Chevrolet, Daewoo

 Grooves 1, Total length 166.50, Pulley P,  
Fan IF

A: 42.00 B: 14.35 C: 66.00 mm


**115380** Alternator 14 V, 120 Amp

Replacing: 96627029KJ, 96627029

Servicing: Chevrolet, Opel

Grooves 6, Total length 190.00,

Pulley SP/FW, Fan IF

A: 61.00 B: 32.00 C: 57.50 mm





**110117** Alternator 28 V, 35 Amp  
 Manufacturer: Valeo  
 Replacing: 100211-4201, 100211-4200  
 Servicing: Iveco, Magirus-Deutz, Steyr, Various Agriculture Vehicles  
 Total length 183.50, Pulley w/o, Fan EF  
 B: 56.00 mm



**110137** Alternator 14 V, 30 Amp  
 Replacing: 021000-9561, 021000-9560, 021000-8680, 021000-8120, 021000-6861, 021000-6860, 021000-6851  
 Servicing: Daihatsu, Komatsu, Kubota, Suzuki, Toyota  
 Grooves 1, Total length 147.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 130627.  
 A: 43.00 B: 13.00 C: 67.00 mm



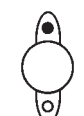
**110138** Alternator 14 V, 40 Amp  
 Replacing: 121000-7560, 121000-2110, 121000-2030, 021000-8030, 021000-8021, 021000-8020, 021000-8011  
 Servicing: Daihatsu, Honda, Mitsubishi, Toyota  
 Grooves 1, Total length 162.00, Pulley P, Fan EF  
 A: 42.50 B: 11.00 C: 75.75 mm



**110248** Alternator 14 V, 40 Amp  
 Replacing: 121000-7501, 121000-7500, 121000-7050, 121000-2970, 121000-0441, 121000-0440, 121000-0432  
 Servicing: Buick, Daihatsu, Honda, Isuzu, Opel, Toyota, VW  
 Grooves 4, Total length 160.00, Pulley SP, Fan EF  
 Regulator: HC-CARGO 130627.  
 A: 44.50 B: 12.30 C: 76.00 mm



**110250** Alternator 14 V, 50 Amp  
 Replacing: 121000-1012, 121000-1011, 121000-1010, 121000-0451, 121000-0450  
 Servicing: Toyota  
 Grooves 5, Total length 165.50, Pulley SP, Fan EF  
 Regulator: HC-CARGO 130627.  
 A: 41.00 B: 12.00 C: 66.50 mm



**110258** Alternator 14 V, 35 Amp  
 Replacing: 121000-1730, 121000-1590, 121000-0920, 121000-0580, 021000-8640, 021000-8620, 021000-8160  
 Servicing: Daihatsu, Suzuki, Toyota  
 Grooves 1, Total length 148.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 130627.  
 A: 42.00 B: 12.00 C: 67.50 mm



**110374** Alternator 14 V, 45 Amp  
 Replacing: 101211-2841, 100211-4390, 100211-4180, 100211-4120, 100211-4080, 100211-1402, 100211-1401  
 Servicing: Daihatsu  
 Grooves 1, Total length 169.00, Pulley P, Fan IF  
 A: 43.50 B: 19.00 mm



**110445** Alternator 14 V, 90 Amp  
 Replacing: 100211-5800, 100211-0790, 100211-0292, 100211-0291, 100211-0290, 100211-0281, 100211-0280  
 Servicing: John Deere  
 Total length 167.00, Pulley w/o, Fan EF  
 B: 51.00 mm



**110496** Alternator 14 V, 60 Amp  
 Replacing: 100211-9711, 100211-9710, 100211-9400, 100211-3761, 100211-3760, 100211-3740, 100211-3611  
 Servicing: Toyota  
 Grooves 5, Total length 153.50, Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm



**110563** Alternator 28 V, 15 Amp  
 Replacing: 021000-4510, 021000-4271  
 Servicing: Toyota  
 Grooves 1, Total length 161.25, Pulley P, Fan EF  
 Regulator: HC-CARGO 132628.  
 A: 48.15 B: 12.25 C: 76.00 mm



**110564** Alternator 14 V, 40 Amp  
 Replacing: 100211-4004, 100211-4003, 100211-4002, 100211-4001, 100211-4000  
 Servicing: Komatsu  
 Grooves 1, Total length 150.50, Pulley P, Fan IF  
 A: 48.55 B: 20.00 C: 67.00 mm



**110620** Alternator 14 V, 35 Amp  
 Replacing: 100211-4701, 100211-4700, 100211-4531, 100211-4530, 100211-1662, 100211-1661, 100211-1660  
 Servicing: Aixam, Kubota, Various Agriculture Vehicles, Yanmar  
 Grooves 1, Total length 143.00, Pulley P, Fan IF  
 A: 44.00 B: 23.50 mm

## ALTERNATORS



**110628** Alternator 14 V, 45 Amp

Replacing: 100211-6861, 100211-6860, 100211-4400, 100211-4290, 100211-4280, 100211-4171, 100211-4170

Servicing: Toyota

Grooves 4, Total length 147.00, Pulley SP, Fan IF

A: 90.00 B: 58.10 mm



**110629** Alternator 14 V, 35 Amp

Replacing: 100211-4540

Servicing: Toyota

Grooves 1, Total length 143.25, Pulley P, Fan IF

A: 44.00 B: 24.10 mm



**110675** Alternator 14 V, 75 Amp

Replacing: 100211-7451, 100211-7450, 100211-745, 100211-7061, 100211-7060, 100211-706, 100211-3261

Servicing: Isuzu, Toyota

Grooves 5, Pulley SP, Fan IF

A: 89.85 B: 57.90 mm



**110679** Alternator 14 V, 60 Amp

Replacing: 100211-2360, 100211-2291, 100211-2290, 100211-2231, 100211-2230, 100211-2221, 100211-1331

Servicing: Isuzu, Opel

Grooves 4, Total length 166.50, Pulley SP, Fan IF

A: 92.25 B: 58.00 mm



**110682** Alternator 14 V, 70 Amp

Replacing: 10211-7000, 100211-8031, 100211-8030, 100211-7052, 100211-7051, 100211-7050, 100211-7001

Servicing: GEO, Toyota

Grooves 5, Total length 160.00, Pulley SP, Fan IF

A: 87.50 B: 58.00 mm



**110801** Alternator 28 V, 45 Amp

Replacing: 100211-0860

Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International

Terminal W, Total length 270.00, Pulley w/o, Fan EF

B: 14.80 C: 100.00 mm



**110882** Alternator 14 V, 45 Amp

Replacing: 021000-0320

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

Grooves 1, Total length 181.50, Pulley P, Fan w/o

A: 47.00 B: 16.25 C: 63.00 mm



**110927** Alternator 14 V, 55 Amp

Replacing: 100211-2211, 100211-2210, 100211-1381, 100211-1278, 100211-1277, 100211-1271, 100211-1270

Servicing: Honda, Rover

Grooves 3, Total length 153.00, Pulley SP, Fan IF

A: 90.45 B: 57.90 mm



**110965** Alternator 14 V, 50 Amp

Replacing: 100211-6270, 100211-4071, 100211-4070, 100211-1551, 100211-1550, 100211-1411, 100211-1410

Servicing: Chevrolet, Pontiac, Suzuki

Grooves 1, Total length 156.25, Pulley P, Fan IF

A: 42.15 B: 20.00 C: 66.88 mm



**110967** Alternator 14 V, 50 Amp

Replacing: 101211-2120, 100211-6721, 100211-6720, 100211-672, 100211-6710, 100211-6600, 100211-2120

Servicing: Chevrolet, GEO, Pontiac, Suzuki

Grooves 4, Total length 156.65, Pulley SP, Fan IF

A: 37.30 B: 19.90 C: 67.00 mm



**111017** Alternator 14 V, 50 Amp

Replacing: 100211-4210

Servicing: Toyota

Grooves 1, Total length 160.50, Pulley P, Fan IF

A: 45.00 B: 20.00 C: 67.30 mm



**111018** Alternator 14 V, 50 Amp

Replacing: 100211-6971, 100211-6970, 100211-6961, 100211-6960, 100211-6931, 100211-6930

Servicing: Toyota

Grooves 1, Total length 156.50, Pulley P, Fan IF

A: 44.00 B: 20.00 C: 67.00 mm


**111042** Alternator 14 V, 35 Amp

Replacing: 021000-6980

Servicing: Iseki, Mitsubishi

Grooves 1, Total length 152.00, Pulley P, Fan EF

A: 42.50 B: 12.10 C: 66.90 mm


**111048** Alternator 14 V, 40 Amp

Replacing: 101211-2480, 101211-1320, 101211-1230, 101211-1181, 101211-1180, 101211-1040, 100211-4690

Servicing: Daihatsu, Iseki, Kubota, Piaggio

Grooves 1, Total length 143.00, Pulley P, Fan IF

A: 43.00 B: 24.00 mm


**111193** Alternator 14 V, 90 Amp

Replacing: 121000-3442, 121000-3440, 121000-3420, 121000-3410, 121000-3381, 121000-3380, 121000-3340

Servicing: Chrysler, Dodge, Jeep, Plymouth

Total length 179.00, Pulley w/o, Fan IF Regulator: HC-CARGO 131280.

B: 12.65 C: 54.00 mm


**111195** Alternator 14 V, 35 Amp

Replacing: 121000-0980, 121000-0600

Servicing: Kubota

Grooves 1, Total length 158.00, Pulley P, Fan EF

Regulator: HC-CARGO 130627.

A: 43.45 B: 13.00 C: 67.40 mm


**111215** Alternator 14 V, 120 Amp

Replacing: 100211-6051, 100211-6050, 100211-6031, 100211-6030

Servicing: John Deere

Grooves 2, Total length 179.75, Pulley DP, Fan IF

A: 94.60 B: 57.65 mm


**111279** Alternator 14 V, 50 Amp

Replacing: 100211-3810, 100211-3800

Servicing: Chevrolet, GEO, Pontiac, Suzuki

Grooves 4, Total length 160.00, Pulley SP, Fan IF

A: 37.50 B: 20.00 C: 66.00 mm

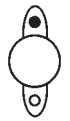

**111285** Alternator 14 V, 70 Amp

Replacing: 101211-0250, 101211-0240, 100211-9770, 100211-9760, 100211-7340

Servicing: Honda

Grooves 4, Total length 150.00, Pulley SP, Fan IF

A: 90.00 B: 57.80 mm


**111428** Alternator 14 V, 60 Amp

Replacing: 100211-8070, 100211-7600, 100211-7440, 100211-3680, 100211-3200, 100211-3111, 100211-3110

Servicing: Daihatsu, Toyota

Grooves 5, Total length 155.00, Pulley SP, Fan IF

A: 90.00 B: 58.50 mm

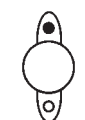

**111435** Alternator 14 V, 70 Amp

Replacing: 101211-5220, 101211-5210, 100211-8810, 100211-8590, 100211-8470, 100211-8340, 100211-8331

Servicing: Toyota

Grooves 5, Total length 179.00, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm

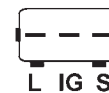

**111437** Alternator 14 V, 45 Amp

Replacing: 101211-3770, 101211-3370, 100211-6730, 100211-6660, 100211-5730, 100211-3370

Servicing: Daihatsu, Piaggio

Grooves 1, Total length 165.50, Pulley P, Fan IF

A: 95.75 B: 58.00 mm


**111468** Alternator 14 V, 80 Amp

Replacing: 102211-1480, 102211-1340, 102211-1240, 102211-124, 102211-1230, 101211-9670, 101211-9580

Servicing: Toyota

Grooves 5, Total length 162.50, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm


**111480** Alternator 14 V, 70 Amp

Replacing: 100211-7930, 100211-7461, 100211-7460, 100211-3321, 100211-3320

Servicing: Toyota

Grooves 6, Total length 163.00, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm

## ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

 All measurements are in mm, unless else stated.  
 \*Available while stock last, \* Program development.





**111483** Alternator 14 V, 55 Amp

Replacing: 100210-3821, 100210-3820, 100210-3810, 100210-3770, 100210-3680, 100210-3580, 100210-3460

Servicing: Toyota, VW

Grooves 2, Total length 280.00, Pulley DP, Fan EF

Regulator: HC-CARGO 132627.

A: 52.00 B: 13.50 C: 97.00 mm



**111484** Alternator 28 V, 50 Amp

Replacing: 100210-2290, 021000-9980

Servicing: Toyota

Grooves 1, Total length 276.00, Pulley P, Fan EF

Regulator: HC-CARGO 135376.

A: 63.00 B: 14.20 C: 97.00 mm



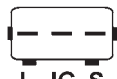
**111507** Alternator 14 V, 80 Amp

Replacing: 101211-5120, 101211-5100

Servicing: Toyota

Grooves 1, Pulley P, Fan IF

A: 96.00 B: 53.00 mm



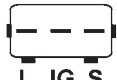
**111517** Alternator 14 V, 70 Amp

Replacing: 101211-4420, 101211-4161, 101211-4160, 101211-0851, 101211-0850, 101211-0510, 101211-0381

Servicing: Toyota

Grooves 5, Total length 163.25, Pulley SP, Fan IF

A: 89.70 B: 58.00 mm



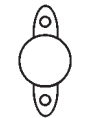
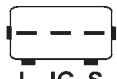
**111518** Alternator 14 V, 70 Amp

Replacing: 102211-5091, 102211-5090, 101211-5970, 101211-5151, 101211-5150, 101211-0741, 101211-0740

Servicing: Toyota

Grooves 4, Total length 154.75, Pulley SP, Fan IF

A: 89.00 B: 58.00 mm



**111537** Alternator 14 V, 70 Amp

Replacing: 101211-5720, 101211-0582, 101211-0581, 101211-0580

Servicing: Toyota

Grooves 6, Total length 188.00, Pulley SP, Fan IF

A: 89.50 B: 57.80 mm



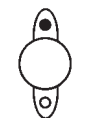
**111538** Alternator 14 V, 80 Amp

Replacing: 100211-8440, 100211-8381, 100211-8380, 100211-8060, 100211-7820

Servicing: Toyota

Grooves 4, Total length 161.00, Pulley SP, Fan IF

A: 90.50 B: 58.00 mm



**111578** Alternator 14 V, 60 Amp

Replacing: 100211-3931, 100211-3930, 100211-3891, 100211-3890, 100211-3880, 100211-3870, 100211-3661

Servicing: Honda, Rover

Grooves 3, Total length 153.00, Pulley SP, Fan IF

A: 89.50 B: 58.25 mm



**111579** Alternator 14 V, 70 Amp

Replacing: 101211-5240, 101211-5080, 101211-5020, 101211-4580, 101211-0182, 101211-0181, 101211-0180

Servicing: GEO, Toyota

Grooves 5, Total length 156.00, Pulley SP, Fan IF

A: 53.00 B: 28.00 C: 44.00 mm



**111596** Alternator 28 V, 50 Amp

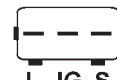
Replacing: 121000-1770, 121000-0041, 100210-2980, 100210-2302

Servicing: Toyota

Grooves 1, Total length 277.00, Pulley P, Fan EF

Regulator: HC-CARGO 132628.

A: 65.00 B: 14.00 C: 106.00 mm



**111598** Alternator 14 V, 80 Amp

Replacing: 101211-5170, 101211-5130

Servicing: Toyota

Grooves 1, Total length 162.00, Pulley P, Fan IF

A: 96.00 B: 53.00 mm



**111601** Alternator 14 V, 70 Amp

Replacing: 100213-1911, 100213-1910, 100213-1900, 100211-5252, 100211-5251, 100211-5250

Servicing: Toyota

Grooves 2, Total length 231.00, Pulley DP, Fan IF

A: 146.50 B: 69.00 mm



**111605** Alternator 14 V, 70 Amp  
 Replacing: 100213-1250, 100213-1240, 100213-1230, 100213-1150, 100213-1140, 100213-1130, 100213-1050  
 Servicing: Toyota  
 Grooves 2, Total length 231.00,  
 Pulley DP, Fan IF  
 A: 146.50 B: 69.50 mm



**111678** Alternator 14 V, 60 Amp  
 Replacing: 101211-3030  
 Servicing: Toyota  
 Grooves 4, Total length 145.00,  
 Pulley SP, Fan IF  
 A: 90.00 B: 58.30 mm



**111782** Alternator 28 V, 30 Amp  
 Replacing: 100211-7850  
 Servicing: Toyota  
 Grooves 2, Total length 163.50,  
 Pulley DP, Fan IF  
 A: 92.00 B: 58.00 mm



**111609** Alternator 14 V, 70 Amp  
 Replacing: 101211-0033, 101211-0030, 100211-9980, 100211-7811, 100211-7810, 100211-7770, 100211-3311  
 Servicing: Honda  
 Grooves 5, Total length 166.00,  
 Pulley SP, Fan IF  
 A: 91.00 B: 56.50 mm



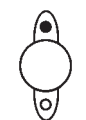
**111705** Alternator 14 V, 70 Amp  
 Replacing: 100211-9801, 100211-9800, 100211-9780, 100211-8130, 100211-8121, 100211-8120, 100211-8090  
 Servicing: Toyota  
 Grooves 5, Total length 158.50,  
 Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm



**111795** Alternator 14 V, 80 Amp  
 Replacing: 102211-8041, 102211-8040, 100211-8040  
 Servicing: Ford  
 Grooves 6, Total length 164.00,  
 Pulley SP, Fan IF  
 A: 12.50 B: 72.00 C: 53.00 mm



**111610** Alternator 14 V, 45 Amp  
 Replacing: 101211-3200, 101211-2100, 100211-9310, 100211-6990  
 Servicing: Daihatsu  
 Grooves 4, Total length 143.00,  
 Pulley SP, Fan IF  
 A: 89.00 B: 58.00 mm



**111779** Alternator 14 V, 70 Amp  
 Replacing: 102211-5610, 102211-5280, 102211-5161, 102211-5160, 102211-5151, 102211-5150, 102211-5070  
 Servicing: Suzuki  
 Grooves 4, Total length 159.50,  
 Pulley SP, Fan IF  
 A: 90.50 B: 58.00 mm



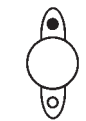
**111796** Alternator 14 V, 40 Amp  
 Replacing: 100211-0230, 100211-0014, 100211-0010, 021000-8420  
 Servicing: Caterpillar  
 Grooves 1, Total length 170.00, Pulley P, Fan EF  
 A: 45.50 B: 13.50 C: 73.40 mm



**111613** Alternator 28 V, 50 Amp  
 Replacing: 121000-0670, 100210-2991, 100210-2990, 100210-2861, 100210-2860, 100210-2570, 100210-2251  
 Servicing: Toyota  
 Grooves 1, Total length 274.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 135376.  
 A: 63.50 B: 13.00 C: 96.50 mm

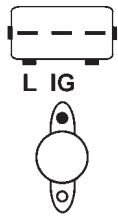


**111781** Alternator 14 V, 80 Amp  
 Replacing: 100211-8410  
 Servicing: Toyota  
 Grooves 2, Total length 167.00,  
 Pulley DP, Fan IF  
 A: 92.00 B: 58.10 mm

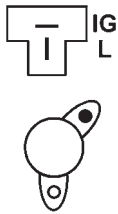


**111830** Alternator 14 V, 140 Amp  
 Replacing: 100211-6420  
 Servicing: John Deere  
 Grooves 8, Total length 178.00,  
 Pulley SP, Fan IF  
 A: 90.50 B: 58.00 mm

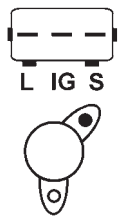
## ALTERNATORS



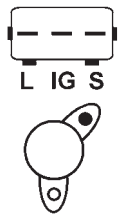
**111950** Alternator 14 V, 85 Amp  
 Replacing: 104210-8140, 102211-2430, 102211-1430, 101211-9180  
 Servicing: Suzuki  
 Grooves 4, Total length 160.00,  
 Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm



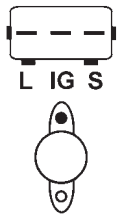
**111951** Alternator 14 V, 40 Amp  
 Replacing: 100211-4621, 100211-4620  
 Servicing: Daihatsu  
 Grooves 1, Total length 141.50, Pulley P,  
 Fan IF  
 A: 45.00 B: 24.00 mm



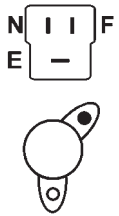
**111960** Alternator 14 V, 80 Amp  
 Replacing: 100213-2660, 100213-2520, 100213-2460, 100213-2450, 100213-2440, 100213-2280, 100213-1920  
 Servicing: Toyota  
 Grooves 2, Total length 229.00,  
 Pulley DP, Fan IF  
 A: 147.00 B: 71.00 mm



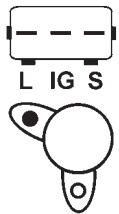
**111963** Alternator 14 V, 70 Amp  
 Replacing: 100213-2920, 100213-2580, 100213-2500, 100213-2480, 100213-2471, 100213-2470, 100213-2400  
 Servicing: Toyota  
 Grooves 2, Total length 230.00,  
 Pulley DP, Fan IF  
 A: 146.50 B: 71.00 mm



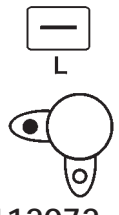
**111965** Alternator 14 V, 80 Amp  
 Replacing: 101211-5110  
 Servicing: Toyota  
 Grooves 6, Total length 168.00,  
 Pulley SP, Fan IF  
 A: 93.50 B: 58.00 mm



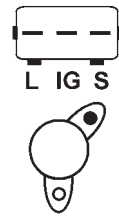
**112054** Alternator 14 V, 45 Amp  
 Replacing: 121000-8230, 100210-3840, 100210-3760, 100210-3660  
 Servicing: Toyota  
 Grooves 2, Total length 271.50,  
 Pulley DP, Fan EF  
 Regulator: HC-CARGO 135662.  
 A: 52.70 B: 14.50 C: 97.00 mm



**112063** Alternator 14 V, 70 Amp  
 Replacing: 102211-5003, 102211-5002, 102211-5001, 102211-5000, 101211-5780, 101211-0972, 101211-0971  
 Servicing: Toyota  
 Grooves 2, Total length 168.00,  
 Pulley DP, Fan IF  
 A: 94.00 B: 58.10 mm



**112072** Alternator 14 V, 120 Amp  
 Replacing: 102211-0500  
 Servicing: Volvo  
 Grooves 6, Total length 194.00,  
 Pulley SP/FW, Fan IF  
 A: 44.50 B: 20.20 C: 82.00 mm



**112101** Alternator 14 V, 80 Amp  
 Replacing: 101211-5460  
 Servicing: Toyota  
 Grooves 4, Total length 179.00,  
 Pulley SP, Fan IF  
 A: 90.50 B: 58.10 mm



**112102** Alternator 14 V, 90 Amp  
 Replacing: 100211-6360, 100211-6110  
 Servicing: Toyota  
 Grooves 4, Total length 167.00,  
 Pulley SP, Fan IF  
 A: 90.00 B: 58.10 mm



**112142** Alternator 14 V, 90 Amp  
 Replacing: 102211-8081, 102211-8080, 102211-8071, 102211-8070, 102211-8061, 102211-8060  
 Servicing: Ford  
 Total length 168.00, Pulley w/o, Fan IF  
 B: 14.00 C: 63.20 mm



**112143** Alternator 14 V, 80 Amp  
 Replacing: 102211-8031, 102211-8030  
 Servicing: Ford, Lister  
 Grooves 6, Total length 166.00,  
 Pulley SP, Fan IF  
 A: 34.00 B: 13.80 C: 62.40 mm




**112252** Alternator 28 V, 25 Amp

Replacing: 100211-6951, 100211-6950, 100211-6941, 100211-6940

Servicing: Toyota

Grooves 1, Total length 150.00, Pulley P, Fan IF

A: 48.00 B: 20.10 C: 66.80 mm


**112261** Alternator 28 V, 60 Amp

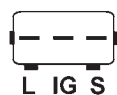
Replacing: 100211-0890

Servicing: Caterpillar

Total length 268.00, Pulley w/o, Fan EF, Insulated return

Replacing: 30SI.

B: 14.00 C: 101.00 mm


**112356** Alternator 14 V, 80 Amp

Replacing: 102211-1361, 102211-1360, 101211-5330, 101211-5261, 101211-5260

Servicing: Toyota

Grooves 2, Total length 167.00, Pulley DP, Fan IF

A: 93.00 B: 58.10 mm


**112357** Alternator 14 V, 70 Amp

Replacing: 102211-5052, 102211-5051, 102211-5050, 101211-0522, 101211-0521, 101211-0520

Servicing: Toyota

Grooves 5, Total length 167.00, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm


**112358** Alternator 14 V, 55 Amp

Replacing: 102211-5200, 101211-4370, 101211-0543, 101211-0542, 101211-0541, 101211-0540

Servicing: Toyota

Grooves 5, Total length 157.00, Pulley SP, Fan IF

A: 89.50 B: 58.00 mm


**112360** Alternator 14 V, 60 Amp

Replacing: 102211-5111, 102211-5110, 101211-0272, 101211-0271, 101211-0270

Servicing: Toyota

Grooves 2, Total length 164.50, Pulley DP, Fan IF

A: 93.50 B: 58.30 mm


**112363** Alternator 14 V, 80 Amp

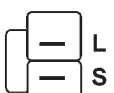
Replacing: 101211-9520, 101211-9360

Servicing: Toyota

Grooves 1, Total length 162.00, Pulley P, Fan IF

B belt.

A: 96.00 B: 53.10 mm


**112531** Alternator 14 V, 60 Amp

Replacing: 101211-0560

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

Grooves 4, Total length 162.50, Pulley SP, Fan IF

A: 37.45 B: 13.00 C: 55.00 mm


**112557** Alternator 14 V, 120 Amp

Replacing: 101211-9000, 101211-5571, 101211-5570, 100211-8960

Servicing: Renault, Volvo

Grooves 6, Total length 180.00, Pulley SP, Fan IF

A: 47.80 B: 21.00 C: 55.50 mm

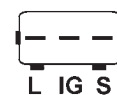

**112583** Alternator 14 V, 90 Amp

Replacing: 121000-3523, 121000-3521, 121000-3520

Servicing: Chrysler

Grooves 6, Total length 184.00, Pulley SP, Fan IF

A: 33.50 B: 12.00 C: 54.00 mm


**112669** Alternator 14 V, 80 Amp

Replacing: 101211-5300

Servicing: Yanmar

Grooves 2, Total length 167.00, Pulley DP, Fan IF

A: 92.00 B: 58.30 mm


**112721** Alternator 14 V, 55 Amp

Replacing: 101211-8771, 101211-8770, 101211-2850

Servicing: Fiat, Kubota

Grooves 1, Total length 143.00, Pulley P, Fan IF

A: 44.50 B: 21.30 mm

## ALTERNATORS



**112746** Alternator 14 V, 80 Amp  
 Replacing: 100211-8371, 100211-8370  
 Servicing: Volvo  
 Grooves 2, Total length 163.00,  
 Pulley DP, Fan EF  
 A: 93.00 B: 71.00 mm



**112860**# Alternator 14 V, 80 Amp  
 Replacing: 102211-1210, 102211-1200,  
 101211-9500, 101211-9280  
 Servicing: GEO, Toyota  
 Grooves 5, Total length 179.00,  
 Pulley SP, Fan EF  
 Replacing: CS121.  
 A: 52.00 B: 28.00 C: 42.00 mm



**113051**# Alternator 14 V, 120 Amp  
 Replacing: 121000-4050, 121000-4000  
 Servicing: Chrysler, Dodge, Plymouth  
 Grooves 4, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 34.00 B: 12.00 C: 54.00 mm



**113063** Alternator 14 V, 90 Amp  
 Replacing: 121000-3452, 121000-3450  
 Servicing: Dodge, Jeep  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 34.00 B: 14.30 C: 54.00 mm



**113067** Alternator 14 V, 90 Amp  
 Replacing: 121000-3510  
 Servicing: Chrysler, Dodge, Plymouth  
 Grooves 6, Total length 183.00,  
 Pulley SP, Fan IF  
 A: 34.00 B: 22.00 C: 54.00 mm



**113069** Alternator 14 V, 125 Amp  
 Replacing: 121000-4211, 121000-4210  
 Servicing: Chrysler  
 Grooves 6, Total length 184.50,  
 Pulley SP, Fan IF  
 A: 33.80 B: 22.30 C: 54.00 mm



**113071** Alternator 14 V, 136 Amp  
 Replacing: 121000-4171, 121000-4170,  
 121000-417  
 Servicing: Dodge, Jeep  
 Grooves 7, Total length 193.00,  
 Pulley SP, Fan IF  
 A: 34.50 B: 12.00 C: 54.00 mm



**113076** Alternator 14 V, 75 Amp  
 Replacing: 101211-0830, 100211-9732,  
 100211-9731, 100211-9730  
 Servicing: Isuzu  
 Grooves 4, Total length 155.00,  
 Pulley SP, Fan IF  
 A: 91.20 B: 57.80 mm



**113077** Alternator 14 V, 70 Amp  
 Replacing: 100211-9840, 100211-7571,  
 100211-7570, 100211-3551, 100211-3550,  
 100211-355, 100211-3161  
 Servicing: Toyota, VW  
 Grooves 1, Total length 152.00, Pulley P,  
 Fan IF  
 A: 92.60 B: 58.75 mm



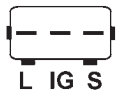
**113085** Alternator 14 V, 100 Amp  
 Replacing: 100211-6350, 100211-6060  
 Servicing: Lexus  
 Grooves 6, Total length 187.00,  
 Pulley SP, Fan IF  
 A: 90.50 B: 58.20 mm



**113089** Alternator 14 V, 80 Amp  
 Replacing: 966121-9935, 101211-9410,  
 101211-9350, 101211-9160, 101211-5450  
 Servicing: Lexus, Toyota  
 Grooves 6, Total length 167.00,  
 Pulley SP, Fan IF  
 A: 88.20 B: 56.70 mm



**113090** Alternator 14 V, 100 Amp  
 Replacing: 101211-7180, 100211-6440,  
 100211-6390  
 Servicing: Lexus  
 Grooves 6, Total length 186.00,  
 Pulley SP, Fan IF  
 A: 89.50 B: 57.80 mm


**113091** Alternator 14 V, 60 Amp

Replacing: 101211-0531, 101211-0530, 101211-053

Servicing: Toyota

 Grooves 5, Total length 155.50,  
Pulley SP, Fan IF

A: 90.00 B: 58.00 mm


**113235** Alternator 14 V, 130 Amp

Replacing: 121000-4332, 121000-4331, 121000-4330, 121000-4320, 121000-4161, 121000-4160

Servicing: Chrysler, Dodge

 Grooves 6, Total length 191.00,  
Pulley SP, Fan IF

A: 35.00 B: 12.00 C: 54.00 mm

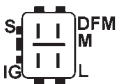

**113246** Alternator 14 V, 90 Amp

Replacing: 102211-8571, 102211-8570, 102211-8410

Servicing: Citroen, Peugeot

 Grooves 6, Total length 179.00,  
Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.40 mm

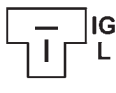

**113296** Alternator 14 V, 80 Amp

Replacing: 102211-8490

Servicing: Toyota

 Grooves 6, Total length 169.00,  
Pulley SP, Fan IF

A: 33.45 B: 17.85 C: 40.00 mm

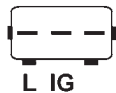

**113306** Alternator 14 V, 60 Amp

Replacing: 101211-2751, 101211-2750, 101211-2731, 101211-2730

Servicing: Daihatsu

 Grooves 4, Total length 145.00,  
Pulley SP, Fan IF

A: 48.00 B: 29.20 mm


**113322** Alternator 14 V, 60 Amp

Replacing: 102211-5231, 102211-5230, 102211-5013, 102211-5012, 102211-5011

Servicing: Suzuki

 Grooves 4, Total length 157.50,  
Pulley SP, Fan IF

A: 89.85 B: 58.00 mm


**113358** Alternator 14 V, 117 Amp

Replacing: 121000-3671, 121000-3670, 121000-3620

Servicing: Dodge, Jeep

 Grooves 6, Total length 187.00,  
Pulley SP, Fan IF

A: 33.20 B: 13.30 C: 54.00 mm

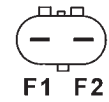

**113362** Alternator 14 V, 136 Amp

Replacing: 121000-4280

Servicing: Dodge

 Grooves 8, Total length 193.00,  
Pulley SP, Fan IF

A: 33.50 B: 13.00 C: 54.00 mm

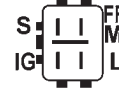

**113365** Alternator 14 V, 120 Amp

Replacing: 121000-4233, 121000-4232, 121000-4231, 121000-4230

Servicing: Chrysler, Dodge

 Grooves 6, Total length 170.50,  
Pulley SP, Fan IF

A: 26.00 B: 12.00 C: 68.00 mm


**113433<sup>#</sup>** Alternator 14 V, 110 Amp

Replacing: 101211-7270, 101211-7230

Servicing: Acura

 Grooves 5, Total length 187.50,  
Pulley SP, Fan IF

A: 90.60 B: 58.40 mm


**113535** Alternator 14 V, 85 Amp

Replacing: 102211-8471, 102211-8470, 102211-8451, 102211-8450

Servicing: Fiat, Ford, Lancia

 Grooves 5, Total length 184.50,  
Pulley SP, Fan IF

A: 16.30 B: 24.20 C: 51.00 mm


**113536** Alternator 14 V, 90 Amp

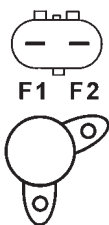
Replacing: 101210-1530

Servicing: Alfa Romeo

 Grooves 6, Total length 197.00,  
Pulley SP, Fan IF

A: 44.50 B: 16.90 C: 54.30 mm





**113559** Alternator 14 V, 136 Amp  
 Replacing: 121000-4400, 121000-4251, 121000-4250, 121000-1670  
 Servicing: Dodge, Jeep  
 Grooves 6, Total length 173.00, Pulley SP, Fan IF  
 A: 27.00 B: 12.00 C: 68.00 mm



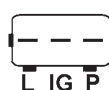
**113575** Alternator 14 V, 80 Amp  
 Replacing: 102211-8400  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 162.00, Pulley SP, Fan IF  
 A: 42.00 B: 22.00 C: 45.00 mm



**113607** Alternator 14 V, 136 Amp  
 Replacing: 421000-0100, 121000-4540, 121000-4440, 121000-4410  
 Servicing: Dodge, Jeep  
 Grooves 6, Total length 168.00, Pulley SP, Fan IF  
 A: 27.00 B: 12.00 C: 68.00 mm



**113631** Alternator 14 V, 90 Amp  
 Manufacturer: Prestolite  
 Replacing: 100211-7210  
 Servicing: BMW, BUKH, Volvo Penta  
 Terminal W, Grooves 1, Total length 178.00, Pulley P, Fan EF, Insulated return  
 A: 79.25 B: 51.00 mm



**113715** Alternator 14 V, 80 Amp  
 Replacing: 101211-9940, 100211-9941, 100211-9940  
 Servicing: Yanmar  
 Terminal W, Grooves 2, Total length 167.00, Pulley DP, Fan IF  
 A: 92.00 B: 57.50 mm



**113718** Alternator 14 V, 70 Amp  
 Replacing: 102211-8441, 102211-8440, 102211-8431, 102211-8430, 102211-8230  
 Servicing: Citroen, Fiat, Lancia, Renault  
 Grooves 5, Total length 184.60, Pulley SP, Fan IF  
 A: 16.50 B: 23.50 C: 50.00 mm



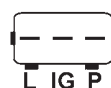
**113720** Alternator 14 V, 75 Amp  
 Manufacturer: Valeo  
 Replacing: 102211-8612, 102211-8611, 102211-8610, 101210-1181, 101210-1180, 101210-1111, 101210-1110  
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall  
 Grooves 6, Total length 184.00, Pulley SP/FW, Fan IF  
 Alternative no.: 116064  
 A: 41.50 B: 64.00 C: 55.00 mm



**113721** Alternator 14 V, 75 Amp  
 Manufacturer: Valeo  
 Replacing: 101211-1211, 101210-1211, 101210-1210  
 Servicing: Fiat, Lancia  
 Grooves 6, Total length 174.00, Pulley SP, Fan IF  
 A: 41.00 B: 64.40 C: 55.00 mm



**113722** Alternator 14 V, 90 Amp  
 Manufacturer: Valeo  
 Replacing: 101210-1191, 101210-1190, 101210-1121, 101210-1120  
 Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki, Vauxhall  
 Grooves 6, Total length 187.00, Pulley SP/FW, Fan IF  
 Alternative no.: 115963  
 A: 40.20 B: 64.15 C: 56.00 mm



**113742** Alternator 14 V, 40 Amp  
 Replacing: 101211-1380, 101211-1170  
 Servicing: John Deere, Yanmar  
 Grooves 1, Total length 143.00, Pulley P, Fan IF  
 A: 43.00 B: 21.00 mm



**113755** Alternator 14 V, 150 Amp  
 Replacing: 104210-4270, 104210-3241, 104210-3240, 104210-3171, 104210-3170  
 Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki, Toyota  
 Grooves 6, Total length 175.00, Pulley SP, Fan IF  
 A: 43.00 B: 21.00 C: 45.10 mm



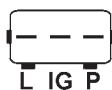
**113763** Alternator 14 V, 85 Amp  
 Replacing: 102211-8181, 102211-8180, 102211-8171, 102211-8170, 102211-8161, 102211-8160  
 Servicing: JCB, Land Rover, Various Industrial applications  
 Terminal W, Pulley w/o, Fan IF  
 C: 82.00 mm



**113803** Alternator 14 V, 160 Amp  
 Replacing: 421000-0028, 421000-0027,  
 421000-0026, 421000-0025, 421000-0024,  
 421000-0023, 421000-0022  
 Servicing: Chrysler, Dodge  
 Grooves 6, Total length 164.00,  
 Pulley SP/FW, Fan IF  
 A: 50.50 B: 30.00 mm



**113849** Alternator 14 V, 150 Amp  
 Manufacturer: Marelli  
 Replacing: 104210-5711, 104210-5710,  
 104210-3524, 104210-3523, 104210-3522,  
 104210-3521, 104210-3520  
 Servicing: Ford, Mazda, Volvo  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 42.50 B: 21.00 C: 45.00 mm



**113856** Alternator 14 V, 40 Amp  
 Replacing: 100211-4733, 100211-4732,  
 100211-4731, 100211-4730  
 Servicing: Kubota, Steiner  
 Total length 143.50, Pulley w/o, Fan IF  
 B: 24.20 mm



**113902** Alternator 14 V, 100 Amp  
 Replacing: 102211-0780, 102211-0770,  
 101211-7410, 101211-7400  
 Servicing: Toyota  
 Grooves 7, Total length 171.00,  
 Pulley SP, Fan IF  
 A: 35.50 B: 18.00 C: 46.00 mm



**113904** Alternator 14 V, 130 Amp  
 Replacing: 102211-8662, 102211-8661,  
 102211-8660  
 Servicing: Opel, Saab, Vauxhall  
 Terminal DF, Grooves 6,  
 Total length 215.00, Pulley SP/FW, Fan IF  
 A: 113.00 B: 61.00 mm



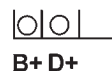
**113921** Alternator 14 V, 40 Amp  
 Replacing: 101211-1361, 101211-1360,  
 100211-4771, 100211-4770, 100211-4740,  
 100211-4650, 100211-4610  
 Servicing: Daihatsu, Iseki, Kubota, Piaggio  
 Grooves 1, Total length 159.00, Pulley P,  
 Fan IF  
 A: 43.50 B: 24.00 mm



**113922** Alternator 14 V, 120 Amp  
 Replacing: 104210-3514, 104210-3513,  
 104210-3512, 104210-3511, 104210-3510  
 Servicing: Ford, Mazda, Volvo  
 Grooves 6, Total length 170.00,  
 Pulley SP/FW, Fan IF  
 A: 43.00 B: 22.00 C: 45.00 mm



**113943** Alternator 14 V, 100 Amp  
 Replacing: 101210-1510  
 Servicing: Alfa Romeo, Fiat, Lancia  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 44.00 B: 22.20 C: 54.75 mm



**113955** Alternator 14 V, 105 Amp  
 Replacing: 102211-8642, 102211-8641,  
 102211-8640  
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall  
 Grooves 6, Total length 191.00,  
 Pulley SP/FW, Fan IF  
 A: 112.50 B: 61.00 mm



**113967** Alternator 14 V, 120 Amp  
 Replacing: 102211-8131, 102211-8130  
 Servicing: Caterpillar, Perkins  
 Terminal W, Total length 182.00,  
 Pulley w/o  
 B: 13.00 C: 83.00 mm



**113969** Alternator 14 V, 100 Amp  
 Replacing: 104210-5442, 104210-5441,  
 104210-5440, 104210-3411, 104210-3410  
 Servicing: Toyota  
 Grooves 7, Pulley SP/FW, Fan IF  
 A: 95.00 B: 42.00 mm



**113970** Alternator 14 V, 100 Amp  
 Replacing: 104210-3732, 104210-3731,  
 104210-3730  
 Servicing: Mini  
 Grooves 7, Total length 181.00,  
 Pulley SP/FW, Fan IF  
 A: 31.40 B: 16.30 C: 41.70 mm



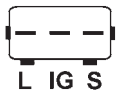
**113972** Alternator 14 V, 100 Amp

Replacing: 104210-5591, 104210-5151, 104210-5150, 104210-4102, 104210-4101, 104210-4100

Servicing: Toyota

Grooves 6, Pulley SP/FW, Fan IF

A: 31.00 B: 16.00 C: 39.00 mm



**113975** Alternator 14 V, 150 Amp

Replacing: 104210-3921, 104210-3920

Servicing: John Deere

Grooves 8, Pulley SP, Fan IF

B: 58.00 C: 0.00 mm



**113978** Alternator 14 V, 120 Amp

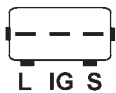
Replacing: 104210-5790, 104210-3762, 104210-3761, 104210-3760

Servicing: Ford, Volvo

Pulley w/o, Fan IF

Freewheel Pulley: HC-CARGO 237619.

B: 72.00 C: 68.80 mm



**113989** Alternator 14 V, 50 Amp

Replacing: 101211-8700, 101211-3860

Servicing: Toyota

Grooves 1, Total length 152.00, Pulley P, Fan IF

A: 99.00 B: 58.00 mm



**113990** Alternator 14 V, 150 Amp

Replacing: 104210-4012, 104210-4011, 104210-4010

Servicing: Land Rover

Grooves 8, Total length 170.00,

Pulley SP, Fan IF

A: 22.50 B: 50.00 C: 47.00 mm



**113996** Alternator 14 V, 140 Amp

Replacing: 102211-8270, 101210-0990

Servicing: Alfa Romeo, Fiat, Lancia, Suzuki

Grooves 6, Total length 210.00,

Pulley SP/FW, Fan IF

A: 113.00 B: 61.30 mm



**114005** Alternator 14 V, 70 Amp

Replacing: 102211-8190, 102211-8000, 102211-5300

Servicing: Toyota

Grooves 6, Total length 166.00,

Pulley SP, Fan IF

A: 48.00 B: 27.00 C: 39.00 mm



**114006** Alternator 14 V, 90 Amp

Replacing: 102211-8200, 102211-8010

Servicing: Toyota

Grooves 6, Total length 170.00,

Pulley SP, Fan IF

A: 48.00 B: 26.00 C: 38.00 mm



**114009** Alternator 14 V, 105 Amp

Replacing: 102211-8356, 102211-8355, 102211-8354, 102211-8353, 102211-8352, 102211-8351

Servicing: Ford

Grooves 6, Total length 160.00,

Pulley SP, Fan IF

A: 10.00 B: 72.00 C: 52.00 mm



**114010** Alternator 14 V, 100 Amp

Replacing: 104210-3431, 104210-3430, 102211-2760

Servicing: Toyota

Grooves 5, Total length 152.00,

Pulley SP/FW, Fan IF

A: 92.50 B: 51.70 mm



**114011** Alternator 14 V, 160 Amp

Replacing: 421000-0086, 421000-0085, 421000-0084, 421000-0083, 421000-0082, 421000-0081, 421000-0080

Servicing: Chrysler

Grooves 6, Total length 202.00,

Pulley SP/FW, Fan IF

A: 46.00 B: 14.00 C: 60.00 mm



**114012** Alternator 14 V, 90 Amp

Replacing: 102211-2770

Servicing: Toyota

Grooves 5, Total length 162.00,

Pulley SP, Fan IF

A: 31.00 B: 18.20 C: 41.70 mm

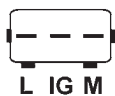




**114023** Alternator 14 V, 70 Amp  
 Replacing: 102211-8560  
 Servicing: Subaru, Suzuki  
 Grooves 4, Total length 183.00,  
 Pulley SP, Fan IF  
 A: 90.50 B: 59.00 mm



**114024** Alternator 14 V, 80 Amp  
 Replacing: 104210-9410, 104210-9351,  
 104210-9340, 104210-9231, 104210-9230,  
 104210-9011, 104210-9010  
 Servicing: Toyota  
 Grooves 7, Total length 168.00,  
 Pulley SP/FW, Fan IF  
 A: 95.00 B: 58.00 mm



**114041** Alternator 14 V, 70 Amp  
 Replacing: 102211-5660  
 Servicing: Toyota  
 Grooves 5, Total length 150.00,  
 Pulley SP/FW, Fan IF  
 A: 31.50 B: 16.00 C: 40.50 mm



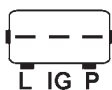
**114043** Alternator 14 V, 55 Amp  
 Replacing: 101211-2771, 101211-2770  
 Servicing: Caterpillar  
 Grooves 1, Total length 152.00, Pulley P,  
 Fan IF  
 A: 43.20 B: 12.00 C: 72.00 mm



**114065** Alternator 14 V, 120 Amp  
 Manufacturer: Denso  
 Replacing: 104210-5800, 104210-3532,  
 104210-3531, 104210-3530  
 Servicing: Ford  
 Grooves 6, Total length 165.00,  
 Pulley SP, Fan IF  
 A: 75.00 B: 72.00 C: 68.50 mm



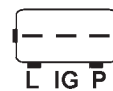
**114083** Alternator 14 V, 150 Amp  
 Replacing: 104210-5770, 104210-3821,  
 104210-2750  
 Servicing: Volvo  
 Grooves 6, Total length 180.00,  
 Pulley SP/FW, Fan IF  
*Freewheel pulley 237619.*  
 A: 75.00 B: 72.00 C: 68.00 mm



**114085** Alternator 14 V, 40 Amp  
 Replacing: 101211-1030  
 Servicing: Kubota  
 Grooves 1, Total length 145.00, Pulley P,  
 Fan IF  
 A: 44.00 B: 24.00 mm



**114090** Alternator 14 V, 70 Amp  
 Replacing: 102211-8731, 102211-8730,  
 101210-1400  
 Servicing: Citroen, Peugeot, Toyota  
 Grooves 6, Total length 170.00,  
 Pulley SP, Fan IF  
 A: 29.20 B: 22.00 C: 42.50 mm



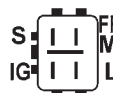
**114097** Alternator 14 V, 60 Amp  
 Replacing: 101211-2941, 101211-2940  
 Servicing: Cummins, Komatsu  
 Grooves 1, Total length 152.00, Pulley P,  
 Fan IF  
 A: 99.00 B: 57.00 mm



**114099** Alternator 14 V, 80 Amp  
 Replacing: 102211-8741, 102211-8740,  
 101210-1410  
 Servicing: Citroen, Peugeot, Toyota  
 Grooves 6, Total length 162.00,  
 Pulley SP, Fan IF  
 A: 29.00 B: 20.00 C: 42.00 mm



**114113** Alternator 28 V, 60 Amp  
 Replacing: 102211-4050, 101211-7960  
 Servicing: Komatsu  
 Grooves 8, Total length 193.00,  
 Pulley SP, Fan IF  
 A: 89.80 B: 57.70 mm



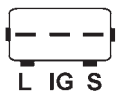
**114115** Alternator 14 V, 130 Amp  
 Replacing: 104210-3981, 104210-3980,  
 104210-3252, 104210-3251, 104210-3250,  
 104210-3052, 104210-3051  
 Servicing: Toyota  
 Grooves 5, Total length 153.00,  
 Pulley SP/FW, Fan IF  
 A: 93.90 B: 53.70 mm



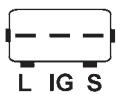
**114147** Alternator 14 V, 105 Amp  
 Replacing: 102211-2223, 102211-2222, 102211-2221, 102211-2220  
 Servicing: Mini  
 Grooves 6, Total length 182.00,  
 Pulley SP, Fan IF  
 A: 34.50 B: 76.00 mm



**114157** Alternator 14 V, 120 Amp  
 Replacing: 104210-3551, 104210-3550  
 Servicing: Ford  
 Grooves 5, Total length 170.00,  
 Pulley SP/FW, Fan IF  
 A: 73.20 B: 38.20 C: 90.00 mm



**114158** Alternator 14 V, 70 Amp  
 Replacing: 102211-5640, 102211-5360  
 Servicing: Toyota  
 Grooves 6, Pulley SP, Fan IF  
 A: 34.00 B: 18.00 C: 40.50 mm



**114186** Alternator 14 V, 90 Amp  
 Replacing: 102211-2250, 102211-2120  
 Servicing: Toyota  
 Grooves 7, Total length 170.00,  
 Pulley SP, Fan IF  
 A: 34.00 B: 17.00 C: 46.00 mm



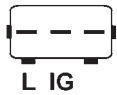
**114188** Alternator 14 V, 90 Amp  
 Replacing: 101211-9020, 101211-9010  
 Servicing: Caterpillar  
 Grooves 2, Total length 177.00,  
 Pulley DP, Fan IF  
 A: 97.00 B: 58.10 mm



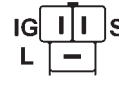
**114190** Alternator 14 V, 60 Amp  
 Replacing: 101211-2040  
 Servicing: Iseki  
 Grooves 1, Pulley P, Fan IF  
 A: 43.50 B: 21.50 mm



**114191** Alternator 14 V, 90 Amp  
 Replacing: 102211-9090  
 Servicing: Case, Deutz-Fahr  
 Grooves 8, Total length 178.00,  
 Pulley SP, Fan EF  
 A: 74.80 B: 51.00 mm



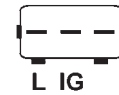
**114201** Alternator 14 V, 100 Amp  
 Replacing: 102213-2993, 100213-2993, 100213-2992, 100213-2991, 100213-2990, 100213-2982, 100213-2980  
 Servicing: Hyundai  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 150.50 B: 72.00 mm



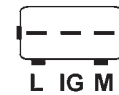
**114203** Alternator 14 V, 60 Amp  
 Replacing: 100213-1700, 100213-1520, 100213-1300, 100213-1180, 100213-0790, 100213-0770, 100213-0291  
 Servicing: Toyota, VW  
 Grooves 2, Total length 268.00,  
 Pulley DP, Fan EF  
 A: 48.00 B: 14.00 C: 98.00 mm



**114204** Alternator 14 V, 120 Amp  
 Replacing: 102211-8652, 102211-8651, 102211-8650, 102211-8261, 102211-8260  
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall  
 Grooves 6, Total length 193.00,  
 Pulley SP/FW, Fan IF  
 A: 112.50 B: 61.50 mm



**114205** Alternator 14 V, 40 Amp  
 Replacing: 101211-1100  
 Servicing: Bobcat  
 Grooves 1, Total length 141.00, Pulley P  
 A: 41.50 B: 21.00 mm



**114206** Alternator 14 V, 90 Amp  
 Replacing: 102211-2780  
 Servicing: Toyota  
 Total length 159.00, Pulley w/o  
 Freewheel Pulley: HC-CARGO 237587.  
 B: 18.00 C: 42.00 mm



**114208** Alternator 14 V, 120 Amp  
 Replacing: 104210-4860, 104210-3911  
 Servicing: Honda  
 Grooves 7, Total length 188.00,  
 Pulley SP/FW, Fan IF  
 A: 35.50 B: 46.00 C: 44.00 mm



**114215** Alternator 14 V, 75 Amp  
 Replacing: 102211-2600  
 Servicing: Suzuki  
 Grooves 4, Total length 163.00,  
 Pulley SP, Fan IF  
 A: 90.00 B: 56.00 mm



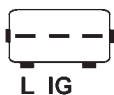
**114218** Alternator 14 V, 55 Amp  
 Replacing: 101211-2310, 101211-2240  
 Servicing: Caterpillar  
 Grooves 2, Total length 160.00,  
 Pulley DP, Fan IF  
 A: 95.00 B: 57.00 mm



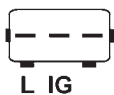
**114227** Alternator 14 V, 120 Amp  
 Replacing: 102211-4121, 102211-4120,  
 102211-0670  
 Servicing: Toyota  
 Grooves 1, Total length 168.00, Pulley P,  
 Fan IF  
 A: 96.00 B: 53.20 mm



**114231** Alternator 14 V, 90 Amp  
 Replacing: 102211-1680, 102211-1670  
 Servicing: Toyota  
 Grooves 4, Pulley SP, Fan IF  
 A: 48.00 B: 22.40 C: 39.00 mm



**114241** Alternator 14 V, 90 Amp  
 Replacing: 101211-9921, 101211-9920  
 Servicing: Land Rover  
 Grooves 5, Total length 187.00,  
 Pulley SP, Fan IF  
 A: 90.00 B: 58.50 mm



**114242** Alternator 14 V, 105 Amp  
 Replacing: 101211-9931  
 Servicing: Land Rover  
 Grooves 5, Total length 162.00,  
 Pulley SP, Fan IF  
 A: 89.00 B: 57.50 mm



**114243** Alternator 14 V, 130 Amp  
 Replacing: 121000-4391, 121000-4390  
 Servicing: Jeep  
 Grooves 8, Total length 183.00,  
 Pulley SP, Fan IF  
 A: 28.00 B: 12.15 C: 68.00 mm



**114248** Alternator 14 V, 150 Amp  
 Replacing: 104210-3642, 104210-3641,  
 104210-3640, 104210-2731, 104210-2730  
 Servicing: Ford  
 Total length 153.00, Pulley w/o, Fan IF  
 B: 14.00 C: 52.00 mm



**114249** Alternator 14 V, 70 Amp  
 Replacing: 101210-0940  
 Servicing: Opel, Vauxhall  
 Grooves 5, Total length 190.00,  
 Pulley SP, Fan IF  
 A: 54.50 B: 33.50 C: 59.50 mm



**114250** Alternator 14 V, 120 Amp  
 Replacing: 104210-3630  
 Servicing: Ford  
 Total length 165.00, Pulley w/o, Fan IF  
 B: 17.20 C: 52.20 mm



**114251** Alternator 14 V, 60 Amp  
 Replacing: 101211-2850  
 Servicing: Kubota  
 Grooves 1, Total length 143.00, Pulley P,  
 Fan IF  
 A: 43.50 B: 21.28 mm





**114256** Alternator 14 V, 70 Amp  
 Replacing: 102211-5700, 102211-1440, 101211-4280, 101211-0690  
 Servicing: Various Agriculture Vehicles, Various Industrial applications  
 Grooves 1, Total length 155.00, Pulley P, Fan IF  
 A: 92.60 B: 58.30 mm



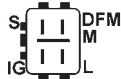
**114258** Alternator 14 V, 105 Amp  
 Replacing: 102211-2234, 102211-2233, 102211-2232, 102211-2231, 102211-2230  
 Servicing: Mini  
 Grooves 6, Total length 200.00, Pulley SP, Fan IF  
 A: 55.00 B: 83.00 C: 43.00 mm



**114263** Alternator 14 V, 50 Amp  
 Replacing: 101211-3410  
 Servicing: John Deere  
 Grooves 1, Total length 145.00, Pulley SP, Fan IF  
 A: 44.00 B: 21.10 mm



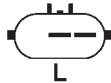
**114272** Alternator 14 V, 100 Amp  
 Replacing: 104210-4733, 104210-4732, 104210-4731, 104210-4730, 104210-3293, 104210-3292, 104210-3291  
 Servicing: Honda  
 Grooves 7, Total length 177.00, Pulley SP, Fan IF  
 A: 39.50 B: 40.90 C: 45.10 mm



**114273** Alternator 14 V, 100 Amp  
 Replacing: 104210-3780, 102211-0750  
 Servicing: Toyota  
 Grooves 7, Total length 161.00, Pulley SP, Fan IF  
 A: 36.00 B: 17.50 C: 46.50 mm



**114284** Alternator 14 V, 130 Amp  
 Replacing: 101210-0162, 101210-0161, 101210-0160  
 Servicing: Cadillac, Saab  
 Grooves 6, Total length 200.00, Pulley SP/FW, Fan IF  
 A: 112.00 B: 61.00 mm



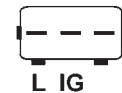
**114287** Alternator 14 V, 110 Amp  
 Manufacturer: Denso  
 Replacing: 02131-9212  
 Servicing: Kia  
 Grooves 7, Total length 195.00, Pulley SP/FW, Fan IF  
 A: 43.00 B: 28.00 C: 54.30 mm



**114288** Alternator 14 V, 50 Amp  
 Replacing: 121000-0930, 121000-0830, 121000-0820, 100210-3080, 100210-2750, 100210-2700, 100210-2660  
 Servicing: Toyota  
 Grooves 2, Total length 263.00, Pulley DP, Fan EF  
 Regulator: HC-CARGO 132111.  
 A: 49.50 B: 14.50 C: 97.00 mm



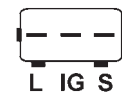
**114290** Alternator 14 V, 80 Amp  
 Replacing: 104210-9240, 104210-8161, 104210-8160  
 Servicing: Toyota  
 Grooves 6, Total length 173.00, Pulley SP, Fan IF  
 A: 29.00 B: 19.00 C: 37.00 mm



**114300** Alternator 14 V, 120 Amp  
 Replacing: 100213-2530, 100213-2391  
 Servicing: Land Rover  
 Grooves 7, Total length 236.00, Pulley SP, Fan IF  
 A: 143.00 B: 69.70 mm



**114302** Alternator 28 V, 75 Amp  
 Replacing: 102211-8151, 102211-8150  
 Servicing: Caterpillar, Various Industrial applications  
 Terminal W, Grooves 1, Total length 184.50, Pulley P, Fan IF  
 A: 36.40 B: 13.40 C: 83.20 mm



**114361** Alternator 14 V, 80 Amp  
 Replacing: 102211-5511, 102211-5510, 102211-2340, 102211-2290, 102211-2180, 102211-2022, 102211-2020  
 Servicing: Toyota  
 Grooves 6, Total length 168.70, Pulley SP, Fan IF  
 A: 34.00 B: 22.00 C: 40.50 mm


**114362** Alternator 14 V, 80 Amp

Replacing: 102211-5042, 102211-5041, 102211-5040, 101211-9590, 101211-4132, 101211-4131, 101211-4130

Servicing: Toyota

Grooves 4, Total length 160.70, Pulley SP

A: 90.50 B: 58.00 mm


**114363** Alternator 28 V, 60 Amp

Replacing: 101211-7910

Servicing: Toyota

Grooves 2, Total length 173.80, Pulley DP

A: 92.00 B: 58.40 mm


**114364** Alternator 28 V, 70 Amp

Replacing: 101211-7920

Servicing: Caterpillar

Grooves 2, Total length 184.30, Pulley DP, Fan IF

A: 98.00 B: 58.00 mm


**114369** Alternator 14 V, 100 Amp

Replacing: 100213-1930

Servicing: Toyota

Grooves 2, Total length 236.60, Pulley DP

A: 147.00 B: 20.00 mm


**114371** Alternator 14 V, 50 Amp

Replacing: 100213-2560

Servicing: Isuzu

Grooves 1, Pulley P

A: 47.00 B: 12.50 C: 80.00 mm

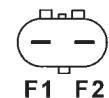

**114372** Alternator 14 V, 50 Amp

Replacing: 100210-4620

Servicing: Toyota

Grooves 2, Total length 273.00, Pulley DP

A: 50.00 B: 14.00 C: 97.00 mm

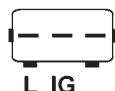

**114377** Alternator 14 V, 110 Amp

Replacing: 121000-3846, 121000-3843, 121000-3842, 121000-3841

Servicing: Jeep

Grooves 6, Total length 180.00, Pulley SP/FW, Fan IF

A: 28.00 B: 12.80 C: 68.00 mm


**114386** Alternator 14 V, 90 Amp

Replacing: 100213-2790, 100213-2750, 100213-2638, 100213-2630, 100213-2272, 100213-2270

Servicing: Honda, Land Rover, MG, Rover

Grooves 6, Total length 224.00, Pulley SP, Fan IF

A: 143.00 B: 69.80 mm

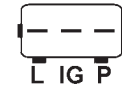

**114390** Alternator 14 V, 100 Amp

Replacing: 104211-3410, 104211-3062, 104211-3061, 104211-3060, 104210-4521, 104210-4520

Servicing: Toyota

Grooves 7, Total length 167.50, Pulley SP/FW, Fan IF

A: 24.50 B: 60.20 C: 71.30 mm


**114403** Alternator 14 V, 120 Amp

Replacing: 102211-0830

Servicing: Komatsu

Grooves 2, Pulley DP, Fan IF

A: 94.00 B: 58.00 mm


**114405** Alternator 14 V, 110 Amp

Replacing: 121000-3700

Grooves 8, Pulley SP, Fan IF

A: 34.00 B: 12.00 C: 54.00 mm


**114409** Alternator 14 V, 100 Amp

Replacing: 101210-0961, 101210-0960

Servicing: Opel, Vauxhall

Grooves 6, Total length 193.00, Pulley SP/FW, Fan IF

A: 41.00 B: 64.00 C: 55.00 mm



**114410** Alternator 14 V, 130 Amp  
 Replacing: 104210-4771, 104210-4770, 104210-4591, 104210-1882, 104210-1881, 104210-1880  
 Servicing: Lexus, Toyota  
 Grooves 7, Total length 151.70, Pulley SP/FW, Fan IF  
 A: 24.00 B: 60.00 C: 71.00 mm



**114411** Alternator 14 V, 40 Amp  
 Replacing: 101211-3723, 101211-3722, 101211-3721, 101211-3720  
 Servicing: Arctic Cat  
 Grooves 1, Total length 141.00, Pulley P, Fan IF  
 A: 61.20 B: 29.00 mm



**114433** Alternator 14 V, 80 Amp  
 Replacing: 102211-1370, 101211-7861, 101211-7860  
 Servicing: Lexus, Toyota  
 Grooves 6, Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm



**114434** Alternator 14 V, 100 Amp  
 Replacing: 102211-0610  
 Servicing: Toyota  
 Grooves 6, Total length 172.00, Pulley SP, Fan IF  
 A: 91.00 B: 58.00 mm



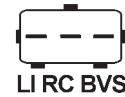
**114455** Alternator 14 V, 90 Amp  
 Replacing: 101210-0912, 101210-0911, 101210-0910  
 Servicing: Toyota  
 Grooves 6, Total length 168.00, Pulley SP/FW, Fan IF  
 A: 33.50 B: 20.00 C: 51.00 mm



**114462** Alternator 14 V, 70 Amp  
 Replacing: 102211-8310, 102211-8281, 102211-8280  
 Servicing: Alfa Romeo, Fiat, Ford, Lancia  
 Grooves 4, Pulley SP, Fan IF  
 A: 68.10 B: 32.50 mm



**114490** Alternator 14 V, 100 Amp  
 Replacing: 104210-5140, 104210-2220  
 Servicing: Toyota  
 Grooves 7, Total length 151.70, Pulley SP/FW, Fan IF  
 A: 23.98 B: 60.00 C: 71.50 mm



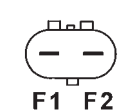
**114491** Alternator 14 V, 150 Amp  
 Replacing: 104210-3691, 104210-3690  
 Servicing: Land Rover  
 Grooves 6, Total length 166.00, Pulley SP, Fan IF  
 A: 28.50 B: 50.50 C: 45.00 mm



**114493** Alternator 14 V, 100 Amp  
 Replacing: 101210-1430, 101210-1091, 101210-1090  
 Servicing: Alfa Romeo, Fiat, Lancia, Opel  
 Total length 188.00, Fan IF  
 Freewheel Pulley: HC-CARGO 330287.  
 B: 61.20 mm



**114494** Alternator 14 V, 90 Amp  
 Replacing: 101210-0871, 101210-0870  
 Servicing: Fiat, Lancia  
 Grooves 6, Total length 201.00, Pulley SP/FW, Fan IF  
 A: 45.00 B: 17.00 C: 54.50 mm



**114511** Alternator 14 V, 120 Amp  
 Replacing: 421000-0232, 421000-0230  
 Servicing: Chrysler, Dodge  
 Grooves 6, Total length 158.00, Pulley SP, Fan IF  
 A: 22.50 B: 69.30 C: 86.00 mm

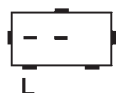




**114515** Alternator 14 V, 45 Amp  
 Replacing: 100211-6780  
 Servicing: Kubota  
 Grooves 2, Total length 154.00,  
 Pulley DP, Fan IF  
 A: 42.50 B: 24.00 mm



**114518** Alternator 14 V, 55 Amp  
 Replacing: 101211-2951, 101211-2950  
 Servicing: Case, John Deere  
 Grooves 1, Total length 150.00, Pulley P,  
 Fan IF  
 A: 43.00 B: 21.00 mm



**114662** Alternator 14 V, 120 Amp  
 Replacing: 02131-9221  
 Servicing: Kia  
 Grooves 5, Pulley SP/FW, Fan IF  
 A: 46.50 B: 22.00 C: 53.00 mm



**114679** Alternator 14 V, 35 Amp  
 Replacing: 101211-1242, 101211-1240,  
 100211-4710  
 Servicing: John Deere  
 Grooves 1, Total length 140.00, Pulley P,  
 Fan IF  
 A: 40.00 B: 24.00 mm



**114682** Alternator 14 V, 100 Amp  
 Replacing: 104210-2310  
 Servicing: Daihatsu, Toyota  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 29.00 B: 20.00 C: 36.50 mm



**114683** Alternator 28 V, 80 Amp  
 Replacing: 101211-8272, 101211-8271,  
 101211-8270  
 Servicing: Caterpillar, Daihatsu  
 Total length 215.00, Pulley w/o, Fan EF  
 B: 13.70 C: 103.00 mm



**114694** Alternator 14 V, 100 Amp  
 Replacing: 104211-3420, 104211-3052,  
 104211-3051, 104211-3050, 104210-2181,  
 104210-2180  
 Servicing: Toyota  
 Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 332486.  
 B: 20.00 C: 51.50 mm



**114704** Alternator 14 V, 150 Amp  
 Replacing: 104210-3711, 104210-3710  
 Servicing: Land Rover  
 Grooves 8, Total length 173.00,  
 Pulley SP/FW, Fan IF  
 A: 22.00 B: 50.00 C: 47.00 mm



**114706** Alternator 14 V, 120 Amp  
 Manufacturer: Marelli  
 Replacing: 101210-1470, 101210-1381,  
 101210-1380  
 Servicing: Fiat, Ford, Lancia  
 Grooves 5, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 16.00 B: 24.00 C: 50.00 mm



**114708** Alternator 14 V, 50 Amp  
 Replacing: 101211-3451, 101211-3450  
 Servicing: Daihatsu  
 Grooves 4, Total length 143.00,  
 Pulley SP, Fan IF  
 A: 47.50 B: 29.50 mm



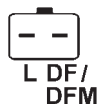
**114709** Alternator 14 V, 90 Amp  
 Manufacturer: Bosch  
 Replacing: 102211-9280, 102211-8500,  
 101210-0891, 101210-0890  
 Servicing: Toyota  
 Grooves 6, Total length 173.00,  
 Pulley SP, Fan IF  
 A: 34.00 B: 18.00 C: 40.00 mm



**114714** Alternator 28 V, 80 Amp  
 Replacing: 102211-8141, 102211-8140  
 Servicing: Caterpillar, Terex  
 Terminal W, Total length 178.00,  
 Pulley w/o, Fan IF  
 B: 14.00 C: 82.00 mm



**114725** Alternator 14 V, 50 Amp  
 Replacing: 101211-3580  
 Servicing: Toyota  
 Grooves 1, Total length 150.00, Pulley P, Fan IF  
 A: 94.00 B: 58.00 mm



**114749** Alternator 14 V, 150 Amp  
 Replacing: 104210-5021, 104210-5020, 104210-2780  
 Servicing: Alfa Romeo, Fiat  
 Grooves 5, Total length 167.00, Pulley SP/FW, Fan IF  
 A: 28.00 B: 14.20 C: 64.50 mm



**114751** Alternator 14 V, 45 Amp  
 Replacing: 101211-3781, 101211-3780  
 Servicing: Kubota  
 Grooves 1, Pulley P, Fan IF  
 A: 42.00 B: 21.00 mm



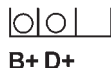
**114754** Alternator 14 V, 120 Amp  
 Replacing: 101210-0971, 101210-0970  
 Servicing: Opel, Renault, Vauxhall  
 Pulley w/o, Fan IF  
*Freewheel Pulley: HC-CARGO 332316.*  
 B: 64.0 C: 55.00 mm

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**114755** Alternator 14 V, 150 Amp  
 Replacing: 104210-4840  
 Servicing: Alfa Romeo  
 Grooves 5, Pulley SP/FW, Fan IF



**114770** Alternator 14 V, 80 Amp  
 Replacing: 102211-9050  
 Servicing: Various Industrial applications  
 Grooves 5, Total length 155.00, Pulley w/o, Fan IF  
 A: 90.70 B: 58.50 mm



**114801** Alternator 14 V, 105 Amp  
 Replacing: 102211-8642, 102211-8641, 102211-8640  
 Servicing: Fiat, Opel, Vauxhall  
 Grooves 6, Pulley SP/FW, Fan IF  
*As HC-CARGO 113955, but with pulley.*  
 A: 112.50 B: 61.00 mm



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**114804\*** Alternator 14 V, 105 Amp  
 Replacing: 101210-0921, 101210-0920  
 Pulley w/o, Fan IF  
 B: 14.50 C: 52.00 mm



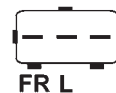
**114806** Alternator 14 V, 120 Amp  
 Replacing: 101210-1081, 101210-1080  
 Servicing: Abarth, Alfa Romeo, Fiat, Lancia  
 Grooves 5, Pulley SP/FW, Fan IF  
 Alternative no.: 115874   
 A: 16.00 B: 24.00 C: 50.00 mm



**114810** Alternator 14 V, 150 Amp  
 Replacing: 104210-4640, 104210-3560  
 Servicing: Volvo  
 Grooves 5, Pulley SP/FW, Fan IF  
 A: 33.50 B: 33.00 C: 91.50 mm



**114813** Alternator 28 V, 65 Amp  
 Replacing: 101211-8140  
 Servicing: Various Agriculture Vehicles, Various Industrial applications  
 Total length 230.00, Pulley w/o, Fan EF  
 B: 13.00 C: 102.00 mm



**114827** Alternator 14 V, 120 Amp  
 Replacing: 02131-9132, 02131-9131, 02131-9130  
 Servicing: Hyundai, Kia  
 Grooves 6, Total length 193.00, Pulley SP/FW, Fan IF  
 A: 43.00 B: 20.00 C: 55.50 mm



**114828** Alternator 14 V, 90 Amp  
 Replacing: 100210-4520, 100210-4510  
 Servicing: Jeep  
 Grooves 8, Total length 245.00,  
 Pulley SP, Fan IF  
 A: 142.00 B: 70.00 mm



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**114881** Alternator 14 V, 80 Amp  
 Replacing: 102211-9260  
 Servicing: Suzuki  
 Grooves 5, Total length 170.00,  
 Pulley SP, Fan IF  
 A: 90.00 B: 57.50 mm



**114895** Alternator 14 V, 70 Amp  
 Replacing: 101210-0951, 101210-0950  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 170.00,  
 Pulley SP/FW, Fan IF  
 A: 40.00 B: 64.00 C: 55.00 mm



**114897** Alternator 14 V, 80 Amp  
 Manufacturer: Denso  
 Replacing: 104210-9290, 104210-9250,  
 104210-8350  
 Servicing: Daihatsu, Toyota  
 Grooves 6, Pulley SP, Fan IF  
 A: 29.50 B: 19.00 C: 36.30 mm



**114899** Alternator 14 V, 70 Amp  
 Replacing: 102211-8221, 102211-8220  
 Servicing: Fiat, Lancia  
 Grooves 4, Total length 184.00,  
 Pulley SP, Fan IF  
 A: 54.95 B: 32.00 mm



**114900** Alternator 14 V, 100 Amp  
 Replacing: 104210-2470  
 Servicing: Daihatsu, Toyota  
 Grooves 6, Total length 173.00,  
 Pulley SP/FW, Fan IF  
 A: 29.00 B: 19.00 C: 37.40 mm



**114902** Alternator 14 V, 90 Amp  
 Replacing: 102211-9010, 102211-1830  
 Servicing: Caterpillar  
 Grooves 2, Total length 174.00,  
 Pulley DP, Fan IF  
 A: 95.50 B: 58.00 mm

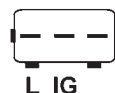


**114904** Alternator 14 V, 100 Amp  
 Replacing: 104210-2300  
 Servicing: Daihatsu, Toyota  
 Grooves 6, Total length 170.00,  
 Pulley SP/FW, Fan IF  
 A: 29.50 B: 19.00 C: 37.00 mm



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**115303\*** Alternator 14 V, 55 Amp  
 Replacing: 101211-2963, 101211-2962,  
 101211-2961, 101211-2960  
 Grooves 1, Pulley P, Fan IF



**115305** Alternator 14 V, 140 Amp  
 Replacing: 104210-4660  
 Servicing: Suzuki  
 Grooves 7, Total length 175.00,  
 Pulley SP/FW, Fan IF  
 A: 32.50 B: 16.00 C: 55.00 mm



**115308** Alternator 14 V, 120 Amp  
 Replacing: 102211-8631, 102211-8630  
 Servicing: Fiat, Lancia, Opel, Vauxhall  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 41.00 B: 64.50 C: 54.50 mm



**115319** Alternator 14 V, 45 Amp  
 Replacing: 101211-8680  
 Servicing: Briggs & Stratton  
 Pulley w/o, Fan IF  
 B: 21.00 mm





**115320** Alternator 14 V, 45 Amp  
 Replacing: 101211-2590  
 Servicing: John Deere  
 Grooves 1, Total length 141.00, Pulley P, Fan IF  
 A: 43.00 B: 20.75 mm



**115321** Alternator 14 V, 60 Amp  
 Replacing: 101211-8620  
 Servicing: John Deere  
 Total length 146.00, Pulley w/o, Fan IF  
 B: 24.00 mm



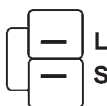
**115342** Alternator 14 V, 40 Amp  
 Replacing: 101211-1390  
 Servicing: Case, New Holland  
 Grooves 1, Pulley P, Fan IF  
 A: 43.00 B: 21.0 mm



**115346** Alternator 14 V, 120 Amp  
 Replacing: 101210-1391, 101210-1390  
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall  
 Grooves 6, Total length 198.00, Pulley SP/FW, Fan IF  
 A: 41.50 B: 64.00 C: 55.00 mm



**115385** alternator 28 V, 95 Amp  
 Replacing: 101211-8341, 101211-8340  
 Servicing: Caterpillar  
 Total length 230.00, Pulley w/o, Fan EF  
 B: 14.20 C: 102.00 mm



**115409** Alternator 14 V, 120 Amp  
 Replacing: 02131-9262, 02131-9261  
 Servicing: Hyundai, Kia  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 103.00 B: 63.00 mm



**115415** Alternator 14 V, 120 Amp  
 Replacing: 101211-7872, 101211-7871, 101211-7870  
 Servicing: Toyota  
 Grooves 2, Total length 171.00, Pulley DP, Fan IF  
 A: 91.50 B: 58.00 mm



**115435** Alternator 14 V, 50 Amp  
 Replacing: 101211-2201, 101211-2200  
 Servicing: John Deere  
 Grooves 1, Total length 145.00, Pulley P, Fan IF  
 A: 50.00 B: 21.00 mm



**115457** Alternator 14 V, 120 Amp  
 Manufacturer: Denso  
 Replacing: 101210-1670  
 Servicing: Alfa Romeo, Fiat, Lancia  
 Grooves 5, Total length 197.00, Pulley SP/FW, Fan IF  
 A: 17.00 B: 24.00 C: 50.00 mm



**115462** Alternator 14 V, 60 Amp  
 Replacing: 101211-2471, 101211-2470  
 Servicing: John Deere  
 Grooves 1, Total length 148.00, Pulley P, Fan IF  
 A: 46.50 B: 24.00 mm



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**115527** Alternator 14 V, 150 Amp  
 Replacing: 104210-4241, 104210-4240  
 Servicing: Jeep  
 Grooves 6, Total length 191.00, Pulley SP/FW, Fan IF  
 A: 51.00 B: 30.00 mm



**115546** Alternator 14 V, 80 Amp  
 Manufacturer: Denso  
 Replacing: 101210-1720  
 Servicing: Citroen, Peugeot  
 Grooves 6, Total length 177.40, Pulley SP/FW, Fan IF  
 A: 42.40 B: 21.00 C: 45.80 mm



**115579** Alternator 14 V, 120 Amp  
 Replacing: 104210-3840  
 Servicing: Ford  
 Grooves 6, Total length 168.00,  
 Pulley SP/FW, Fan IF  
 A: 41.50 B: 13.70 C: 52.00 mm



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**115601\*** Alternator 14 V, 120 Amp  
 Replacing: 104210-5760, 104210-4022,  
 104210-4021, 104210-4020  
 Servicing: Ford, Volvo  
 Grooves 6, Pulley SP, Fan IF



**115615** Alternator 14 V, 105 Amp  
 Replacing: 102211-8482, 102211-8481,  
 102211-8480, 102211-8461, 102211-8460  
 Servicing: Fiat  
 Grooves 5, Total length 183.00,  
 Pulley SP, Fan IF  
 A: 17.00 C: 50.00 mm



**115620** Alternator 14 V, 105 Amp  
 Replacing: 102211-8691, 102211-8690  
 Servicing: Alfa Romeo, Fiat, Lancia  
 Grooves 4, Total length 195.00,  
 Pulley SP, Fan IF  
 A: 68.50 B: 32.00 mm



**115632** Alternator 14 V, 150 Amp  
 Replacing: 104210-1060  
 Servicing: Hyundai, Kia  
 Grooves 6, Total length 172.00,  
 Pulley SP/FW, Fan IF  
 A: 52.00 B: 20.00 C: 38.00 mm



**115633** Alternator 28 V, 40 Amp  
 Replacing: 101211-6321, 101211-6320  
 Servicing: Hitachi  
 Grooves 3, Total length 215.00,  
 Pulley Triple Pulley, Fan EF  
 A: 60.50 B: 14.50 C: 71.50 mm



**115647** Alternator 14 V, 90 Amp  
 Replacing: 102211-8681, 102211-8680  
 Servicing: Alfa Romeo, Fiat  
 Grooves 4, Total length 210.00,  
 Pulley SP, Fan IF  
 A: 69.00 B: 32.00 mm



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**115657** Alternator 14 V, 100 Amp  
 Replacing: 104210-2520, 104210-2320  
 Servicing: Toyota  
 Grooves 6, Total length 169.50,  
 Pulley SP/FW, Fan IF  
 A: 47.00 B: 20.00 C: 42.50 mm



**115660** Alternator 14 V, 70 Amp  
 Replacing: 102211-5380, 102211-5260  
 Servicing: Toyota, VW  
 Grooves 4, Total length 160.00,  
 Pulley SP, Fan IF  
 A: 34.00 B: 18.00 C: 41.00 mm



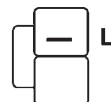
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**115669** Alternator 14 V, 150 Amp  
 Replacing: 104210-2370  
 Servicing: Toyota  
 Grooves 7, Total length 165.00,  
 Pulley SP/FW, Fan IF  
 A: 23.50 B: 60.00 C: 71.00 mm



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**115679** Alternator 14 V, 130 Amp  
 Replacing: 104210-1840  
 Servicing: Chrysler, Fiat  
 Grooves 6, Total length 197.00,  
 Pulley SP/FW, Fan IF  
 A: 113.50 B: 61.50 C: 61.50 mm



**115683** Alternator 14 V, 80 Amp  
 Replacing: 104210-9031  
 Servicing: Isuzu  
 Grooves 7, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 43.00 B: 13.00 C: 80.00 mm

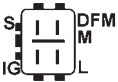


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**115700** Alternator 14 V, 150 Amp  
Replacing: 104210-4051, 104210-4050  
Servicing: Volvo  
Grooves 5, Total length 172.00,  
Pulley SP/FW, Fan IF  
B: 33.00 C: 91.00 mm



**115701** Alternator 14 V, 210 Amp  
Replacing: 104210-6080  
Servicing: Jeep  
Grooves 6, Pulley SP/FW, Fan IF  
A: 52.00 B: 70.00 C: 42.00 mm



**115704** Alternator 14 V, 150 Amp  
Replacing: 104210-3871, 104210-3870  
Servicing: Renault  
Grooves 6, Total length 170.00,  
Pulley SP/FW, Fan IF  
A: 96.50 B: 58.00 mm

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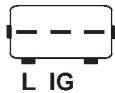
**115720\*** Alternator 14 V, 150 Amp  
Replacing: 104210-6120  
Servicing: Jaguar  
Grooves 6, Pulley SP/FW, Fan IF



**115724** Alternator 14 V, 45 Amp  
Replacing: 101211-3561, 101211-3560  
Servicing: Caterpillar, VM (Stabilimenti Mec)  
Pulley w/o, Fan IF  
B: 20.00 C: 66.00 mm



**115742** Alternator 14 V, 100 Amp  
Replacing: 102211-8121, 102211-8120  
Servicing: JCB  
Total length 177.00, Pulley w/o, Fan IF  
B: 14.00 C: 83.00 mm



**115748** Alternator 14 V, 120 Amp  
Replacing: 101211-7633, 101211-7632,  
101211-7631, 101211-7630  
Servicing: Jaguar  
Grooves 7, Total length 190.00,  
Pulley SP, Fan IF  
A: 90.50 B: 58.00 mm



**115750** Alternator 14 V, 150 Amp  
Replacing: 104210-5780, 104210-3542  
Servicing: Ford, Ford Australia  
Grooves 6, Total length 176.80,  
Pulley SP, Fan IF  
A: 74.60 B: 72.00 C: 68.30 mm



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**115752** Alternator 14 V, 90 Amp  
Replacing: 100213-2380  
Grooves 8, Pulley SP, Fan IF



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**115762\*** Alternator 14 V, 90 Amp  
Replacing: 102211-8052, 102211-8051,  
102211-8050  
Servicing: Ford  
Grooves 6, Pulley SP, Fan IF



**115787** Alternator 14 V, 120 Amp  
Replacing: 102211-0870  
Servicing: Jaguar  
Grooves 6, Total length 202.00,  
Pulley SP/FW, Fan IF  
A: 97.00 B: 58.00 mm



**115788** Alternator 14 V, 120 Amp  
Replacing: 102211-0860  
Servicing: Jaguar  
Grooves 6, Total length 197.00,  
Pulley SP, Fan IF  
A: 97.00 B: 58.00 mm





**115789** Alternator 14 V, 120 Amp  
 Replacing: 101211-7892, 101211-7891  
 Servicing: Jaguar  
 Grooves 6, Pulley SP, Fan IF  
 A: 40.00 C: 74.00 mm



**115790** Alternator 14 V, 100 Amp  
 Replacing: 101211-7370  
 Servicing: Lexus  
 Grooves 4, Total length 161.00,  
 Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm



**115791** Alternator 14 V, 90 Amp  
 Replacing: 102211-1960  
 Servicing: Toyota  
 Grooves 4, Pulley SP, Fan IF  
 A: 33.00 B: 18.00 C: 41.60 mm



**115792** Alternator 14 V, 130 Amp  
 Replacing: 101211-8390  
 Servicing: Kenworth  
 Pulley w/o, Fan EF  
 B: 80.00 C: 108.00 mm



**115793** Alternator 14 V, 130 Amp  
 Replacing: 101211-8360, 101211-8120  
 Servicing: Freightliner, Mack  
 Pulley w/o  
 B: 13.00 C: 102.00 mm



**115794** Alternator 28 V, 95 Amp  
 Replacing: 101211-8401, 101211-8400  
 Servicing: Caterpillar  
 Total length 221.00, Pulley w/o, Fan EF  
 B: 80.20 C: 107.80 mm



**115803** Alternator 14 V, 55 Amp  
 Replacing: 101211-8740  
 Servicing: Honda  
 Grooves 4, Total length 146.00,  
 Pulley SP, Fan IF  
 A: 76.50 B: 46.00 mm

**NEW PRODUCT**  
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**115813** Alternator 14 V, 150 Amp  
 Replacing: 104210-3370  
 Servicing: Renault  
 Grooves 6, Total length 204.00,  
 Pulley SP/FW, Fan IF  
 A: 96.00 B: 58.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

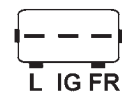
**115836\*** Alternator 14 V, 105 Amp  
 Replacing: 104210-5370  
 Servicing: Honda  
 Grooves 7, Total length 160.00,  
 Pulley SP, Fan IF  
 A: 45.00 B: 20.00 C: 38.00 mm



**115852** Alternator 14 V, 90 Amp  
 Replacing: 101210-1271, 101210-1270  
 Servicing: Alfa Romeo, Fiat  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 41.50 B: 64.00 C: 55.00 mm



**115863** Alternator 14 V, 100 Amp  
 Replacing: 104210-5352, 104210-5351,  
 104210-5350, 104210-5290  
 Servicing: Toyota  
 Grooves 6, Total length 175.00,  
 Pulley SP/FW, Fan IF  
 A: 33.00 B: 20.00 C: 51.00 mm



**115864** Alternator 14 V, 90 Amp  
 Replacing: 102211-1471  
 Servicing: MG, Rover  
 Grooves 6, Total length 168.00,  
 Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm



**115865** Alternator 14 V, 95 Amp  
 Replacing: 102211-1860, 102211-1850, 101211-9880, 101211-9821, 101211-9820  
 Servicing: Honda  
 Grooves 4, Total length 157.00,  
 Pulley SP, Fan IF  
 A: 32.00 B: 58.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115866\*** Alternator 14 V, 150 Amp  
 Replacing: 104210-1170  
 Grooves 6, Total length 192.00,  
 Pulley SP/FW, Fan IF  
 A: 112.50 B: 61.10 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115868** Alternator 14 V, 70 Amp  
 Replacing: 102211-6100  
 Servicing: Nissan, Suzuki  
 Grooves 5, Total length 168.00,  
 Pulley SP, Fan IF  
 A: 91.00 B: 58.25 mm

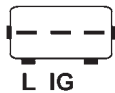


**115874** Alternator 14 V, 120 Amp  
 Manufacturer: Denso  
 Replacing: 101210-1081, 101210-1080  
 Servicing: Abarth, Alfa Romeo, Fiat, Lancia  
 Grooves 5, Total length 196.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 114806  
 A: 16.00 B: 24.00 C: 50.00 mm



**NEW PRODUCT**  
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**115928\*** Alternator 14 V, 150 Amp  
 Replacing: 104210-3701, 104210-3700  
 Servicing: Land Rover  
 Grooves 6, Total length 165.00,  
 Pulley SP, Fan IF  
 A: 29.00 B: 50.20 C: 47.00 mm



**115929** Alternator 14 V, 70 Amp  
 Replacing: 102211-5470, 102211-5450  
 Servicing: Daihatsu  
 Grooves 4, Total length 153.00,  
 Pulley SP, Fan IF  
 A: 48.00 B: 27.00 C: 39.50 mm



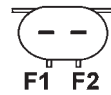
**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115930\*** Alternator 14 V, 150 Amp  
 Replacing: 104210-3951, 104210-3950  
 Servicing: Land Rover  
 Grooves 8, Total length 165.00,  
 Pulley SP/FW, Fan IF  
 A: 22.00 B: 50.00 C: 47.00 mm



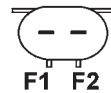
**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115931\*** Alternator 14 V, 170 Amp  
 Replacing: 104210-6022, 104210-6021, 104210-6020  
 Servicing: BMW  
 Grooves 7, Pulley SP/FW, Fan IF  
 mm

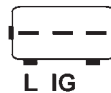


**NEW PRODUCT**  
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**115935** Alternator 14 V, 130 Amp  
 Replacing: 121000-4551, 121000-4550, 121000-4521, 121000-4520, 121000-3851, 121000-3850  
 Servicing: Jeep  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 27.00 B: 12.00 C: 67.50 mm



**115936** Alternator 14 V, 150 Amp  
 Replacing: 421000-0074, 421000-0070, 421000-0030  
 Servicing: Chrysler, Dodge  
 Grooves 6, Total length 174.50,  
 Pulley SP, Fan IF  
 A: 22.20 B: 69.00 C: 84.50 mm



**115957** Alternator 14 V, 70 Amp  
 Replacing: 104210-8121  
 Servicing: Suzuki  
 Grooves 5, Total length 153.00,  
 Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm



**115963** Alternator 14 V, 90 Amp  
 Replacing: 101210-1191, 101210-1190, 101210-1121, 101210-1120  
 Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki, Vauxhall  
 Grooves 6, Total length 196.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 113722   
 A: 41.00 B: 64.20 C: 55.00 mm



**NEW PRODUCT**  
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**115983\*** Alternator 14 V, 130 Amp  
Replacing: 104210-1150  
Servicing: Honda  
Grooves 7, Pulley SP/FW, Fan IF

**NEW PRODUCT**  
www.hc-cargo.com

**116007\*** Alternator 14 V, 150 Amp  
Replacing: 104210-2420  
Servicing: Land Rover  
Grooves 6, Pulley SP/FW, Fan IF



**116029** Alternator 28 V, 60 Amp  
Replacing: 100211-6260, 100211-6250, 100211-6240  
Servicing: Toyota  
Grooves 2, Total length 174.00,  
Pulley DP, Fan IF  
A: 92.00 B: 58.00 mm

**NEW PRODUCT**  
www.hc-cargo.com

**116055\*** Alternator 28 V, 60 Amp  
Replacing: 102211-4080  
Servicing: Komatsu  
Grooves 2, Pulley DP, Fan IF



**NEW PRODUCT**  
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**116056\*** Alternator 14 V, 150 Amp  
Replacing: 104210-3720  
Servicing: Jaguar  
Grooves 6, Pulley SP/FW, Fan IF



**NEW PRODUCT**  
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**116064** Alternator 14 V, 75 Amp  
Replacing: 102211-8612, 102211-8611, 102211-8610, 101210-1181, 101210-1180, 101210-1111, 101210-1110  
Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall  
Grooves 6, Total length 184.00,  
Pulley SP/FW, Fan IF  
Alternative no.: 113720   
A: 41.50 B: 64.00 C: 55.00 mm

**NEW PRODUCT**  
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**116089\*** Alternator 14 V, 120 Amp  
Replacing: 101210-1331  
Servicing: Abarth, Fiat  
Grooves 5, Pulley SP/FW, Fan IF



**NEW PRODUCT**  
www.hc-cargo.com

**116090\*** Alternator 14 V, 100 Amp  
Replacing: 104210-4920, 104210-4230  
Servicing: Faw Toyota, Toyota  
Grooves 7, Pulley SP, Fan IF

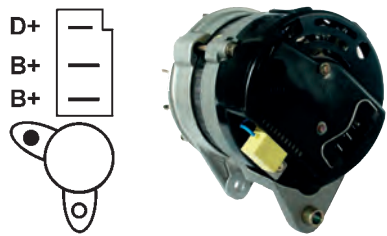
**NEW PRODUCT**  
www.hc-cargo.com

**116094\*** Alternator 14 V, 120 Amp  
Replacing: 101210-1710  
Servicing: Alfa Romeo, Fiat, Jeep  
Grooves 6, Pulley SP/FW, Fan IF

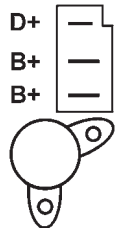
**NEW PRODUCT**  
www.hc-cargo.com

**116103\*** Alternator 14 V  
Replacing: 104210-8300  
Servicing: Suzuki  
Grooves 6, Pulley SP/FW, Fan IF





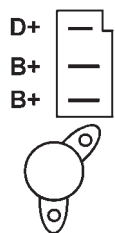
**110178** Alternator 14 V, 36 Amp  
 Manufacturer: Lucas  
 Replacing: 516011  
 Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Rover  
 Total length 164.00, Pulley w/o, Fan EF  
 B: 10.00 C: 87.00 mm



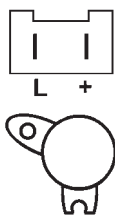
**110358** Alternator 14 V, 55 Amp  
 Replacing: 516055  
 Servicing: Mercedes-Benz, Seat  
 Grooves 1, Total length 162.50, Pulley P, Fan EF  
 A: 77.50 B: 56.00 mm



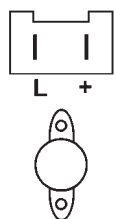
**110743** Alternator 14 V, 30 Amp  
 Replacing: 7542, 7536, 7534, 7532, 7522, 451003  
 Servicing: Citroen  
 Grooves 1, Total length 155.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 130679.  
 A: 61.00 B: 40.00 mm



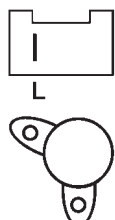
**110913** Alternator 14 V, 70 Amp  
 Replacing: 510018  
 Servicing: Audi, VW  
 Terminal W, Pulley w/o, Fan w/o  
 B: 56.00 mm



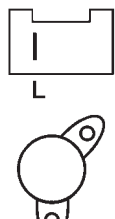
**111071** Alternator 14 V, 75 Amp  
 Manufacturer: Valeo  
 Replacing: 516015A, 516015, 516013C, 516013BC, 516013B, 516013A, 516013, 451068  
 Servicing: Citroen, Peugeot  
 Grooves 1, Total length 172.00, Pulley P, Fan EF  
 A: 61.85 B: 35.90 C: 53.00 mm



**111072** Alternator 14 V, 50 Amp  
 Replacing: 451076  
 Servicing: Renault, VW  
 Grooves 1, Total length 164.00, Pulley P, Fan IF  
 A: 49.40 B: 27.00 C: 66.00 mm



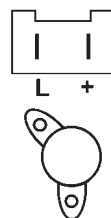
**111075** Alternator 14 V, 55 Amp  
 Replacing: 516051, 516039, 512010  
 Servicing: Citroen, Peugeot, Talbot, Vauxhall  
 Grooves 1, Total length 161.50, Pulley P, Fan EF  
 A: 59.50 B: 40.00 mm



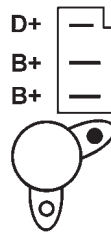
**111076** Alternator 14 V, 50 Amp  
 Replacing: 516043  
 Servicing: Citroen, Opel, Peugeot, Talbot  
 Grooves 4, Total length 163.50, Pulley SP, Fan EF  
 A: 46.35 B: 26.80 C: 66.00 mm



**111078** Alternator 14 V, 45 Amp  
 Replacing: 516032  
 Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava  
 Grooves 1, Total length 169.00, Pulley P, Fan EF  
 A: 53.25 B: 23.50 mm



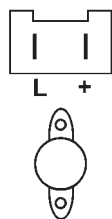
**111082** Alternator 14 V, 60 Amp  
 Replacing: 516074, 516064, 516062  
 Servicing: Renault  
 Grooves 1, Total length 178.25, Pulley P, Fan EF  
 A: 100.95 B: 56.00 mm



**111086** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 516027  
 Servicing: Austin, Ford, Mercury, MG, Rover  
 Grooves 1, Total length 170.00, Pulley P, Fan IF  
 A: 34.60 B: 10.80 C: 81.00 mm



**111138** Alternator 14 V, 45 Amp  
 Replacing: 514014  
 Servicing: Fiat, Lancia, Seat  
 Grooves 1, Total length 167.00, Pulley P, Fan EF  
 A: 46.35 B: 17.00 C: 63.00 mm



**111171** Alternator 14 V, 70 Amp

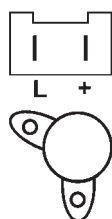
Replacing: 515016

Servicing: Renault

Terminal W, Grooves 1,

Total length 157.50, Pulley P, Fan EF

A: 49.65 B: 27.00 C: 66.50 mm



**112728** Alternator 14 V, 55 Amp

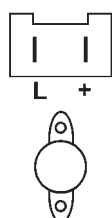
Replacing: 516058, 516053A

Servicing: Renault

Grooves 1, Total length 176.00, Pulley P,

Fan EF

A: 102.00 B: 56.00 mm



**112744** Alternator 14 V, 60 Amp

Replacing: 516067, 516038

Servicing: Renault, Volvo

Grooves 5, Total length 162.50,

Pulley SP, Fan EF

A: 45.00 B: 27.00 C: 66.00 mm



**112768** Alternator 14 V, 55 Amp

Replacing: 451013

Servicing: Alfa Romeo, Goldoni

Terminal W, Grooves 1,

Total length 172.00, Pulley P, Fan EF

A: 47.00 B: 15.00 C: 70.00 mm

## ALTERNATORS



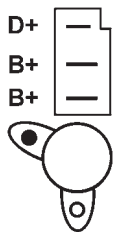
**110348** Alternator 14 V, 55 Amp  
 Replacing: A125-55S, A125-09  
 Servicing: Lada  
 Grooves 1, Total length 162.00, Pulley P, Fan EF  
 A: 45.00 B: 19.60 C: 63.00 mm



**110350** Alternator 14 V, 44 Amp  
 Replacing: A124-44S, A124-15  
 Servicing: Fiat, Lada  
 Grooves 1, Total length 182.00, Pulley P, Fan EF  
 A: 46.50 B: 19.50 C: 60.50 mm



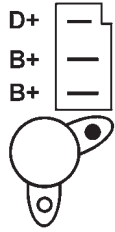
**110611** Alternator 14 V, 55 Amp  
 Replacing: A124N, 3370000  
 Servicing: Allis Chalmers, Fiat, Seat  
 Grooves 1, Total length 175.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 130613.  
 A: 48.00 B: 17.00 C: 65.00 mm



**110968** Alternator 14 V, 70 Amp  
 Replacing: ALT2N-14  
 Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra  
 Grooves 1, Total length 167.00, Pulley P, Fan EF  
 Pulley distance is ok from 34.00 to 43.00 mm.  
 A: 34.00 B: 11.00 C: 82.00 mm



**111036** Alternator 14 V, 45 Amp  
 Replacing: A125-45C  
 Servicing: Autobianchi, Fiat, Lancia  
 Grooves 1, Pulley P, Fan EF  
 A: 56.80 B: 32.25 mm



**111086** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: A155-55D, A125-07  
 Servicing: Austin, Ford, Mercury, MG, Rover  
 Grooves 1, Total length 170.00, Pulley P, Fan IF  
 A: 34.60 B: 10.80 C: 81.00 mm



**111148** Alternator 14 V, 65 Amp  
 Replacing: A125-65B, 283020.1  
 Servicing: Autobianchi, Fiat, Lancia, Zastava  
 Grooves 1, Total length 165.50, Pulley P, Fan w/o  
 A: 52.25 B: 23.00 C: 73.00 mm

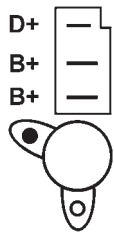


**111621** Alternator 14 V, 55 Amp  
 Replacing: A125-55G, 274020.0  
 Servicing: Autobianchi, Fiat, Lancia  
 Grooves 1, Total length 162.00, Pulley P, Fan EF  
 A: 57.50 B: 32.30 mm



**111687** Alternator 14 V, 55 Amp  
 Replacing: A125-55T, A125-55E  
 Servicing: Fiat  
 Grooves 1, Total length 174.00, Pulley P, Fan EF  
 A: 53.00 B: 23.50 mm





**110178** Alternator 14 V, 36 Amp  
 Manufacturer: Lucas  
 Replacing: ALT12N-39, ALT12N-14, ALT12N-11, ALP12N-2  
 Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Rover  
 Total length 164.00, Pulley w/o, Fan EF  
 B: 10.00 C: 87.00 mm



**110348** Alternator 14 V, 55 Amp  
 Replacing: ALS12N-82  
 Servicing: Lada  
 Grooves 1, Total length 162.00, Pulley P, Fan EF  
 A: 45.00 B: 19.60 C: 63.00 mm



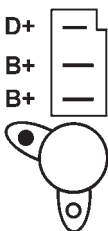
**110350** Alternator 14 V, 44 Amp  
 Replacing: ALS12-81  
 Servicing: Fiat, Lada  
 Grooves 1, Total length 182.00, Pulley P, Fan EF  
 A: 46.50 B: 19.50 C: 60.50 mm



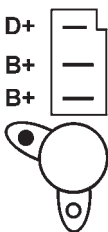
**110611** Alternator 14 V, 55 Amp  
 Replacing: ALB40-86, ALB40-68  
 Servicing: Allis Chalmers, Fiat, Seat  
 Grooves 1, Total length 175.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 130613.  
 A: 48.00 B: 17.00 C: 65.00 mm



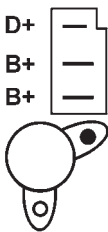
**110743** Alternator 14 V, 30 Amp  
 Replacing: ALN12-1, ALD12N-53  
 Servicing: Citroen  
 Grooves 1, Total length 155.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 130679.  
 A: 61.00 B: 40.00 mm



**110759** Alternator 14 V, 35 Amp  
 Replacing: ALP12N-12  
 Servicing: Austin, Ford, Mercury  
 Grooves 1, Total length 160.00, Pulley P, Fan EF  
 A: 36.15 B: 10.50 C: 79.00 mm



**110968** Alternator 14 V, 70 Amp  
 Replacing: ALT12N-2, ALT12N-13, ALF12-18  
 Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra  
 Grooves 1, Total length 167.00, Pulley P, Fan EF  
 Pulley distance is ok from 34.00 to 43.00 mm.  
 A: 34.00 B: 11.00 C: 82.00 mm



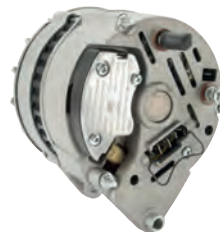
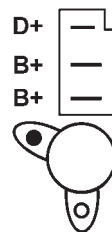
**110969** Alternator 14 V, 65 Amp  
 Manufacturer: Prestolite  
 Replacing: ALP12N-1  
 Servicing: Land Rover, Various Agriculture Vehicles  
 Grooves 1, Total length 167.50, Pulley P, Fan EF  
 A: 38.00 B: 11.00 C: 82.00 mm



**111078** Alternator 14 V, 45 Amp  
 Replacing: ALP12N-24, ALP12N-20  
 Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava  
 Grooves 1, Total length 169.00, Pulley P, Fan EF  
 A: 53.25 B: 23.50 mm



**111138** Alternator 14 V, 45 Amp  
 Replacing: ALS12N-56, ALS12N-55, ALS12N-24  
 Servicing: Fiat, Lancia, Seat  
 Grooves 1, Total length 167.00, Pulley P, Fan EF  
 A: 46.35 B: 17.00 C: 63.00 mm



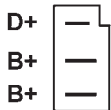
**111289** Alternator 14 V, 70 Amp  
 Replacing: ALS12N-75, ALS12N-72, ALS12N-51  
 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover  
 Terminal W, Grooves 1,  
 Total length 175.00, Pulley P, Fan EF  
 A: 35.00 B: 12.50 C: 80.00 mm



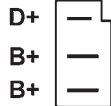
**110133** Alternator 14 V, 35 Amp  
 Replacing: GLE105A, GLE-105A, D47Z10346A, D47Z-10346-A  
 Servicing: Mazda  
 Grooves 1, Total length 155.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 130615, 6 pins.  
 Regulator: HC-CARGO 130616, 6+1 pins.  
 A: 42.00 B: 12.50 C: 80.50 mm



**110170** Alternator 14 V, 72 Amp  
 Replacing: D7NN10300B  
 Servicing: Ford  
 Grooves 1, Total length 206.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 131175.  
 A: 74.75 B: 51.25 mm



**110178** Alternator 14 V, 36 Amp  
 Manufacturer: Lucas  
 Replacing: 77FB10300FB, 77FB10300FA, 76BB10300ED, 76BB10300EA, 74DB10436A, 69EB10346AD, 5003897, 1537179  
 Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Rover  
 Total length 164.00, Pulley w/o, Fan EF  
 B: 10.00 C: 87.00 mm



**110179** Alternator 14 V, 36 Amp  
 Manufacturer: Lucas  
 Replacing: 86BB10300DB, 86AB10300DA  
 Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall  
 Total length 162.00, Pulley w/o, Fan EF  
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.  
 B: 9.75 C: 88.00 mm



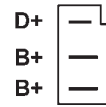
**110237** Alternator 14 V, 60 Amp  
 Replacing: E6SF10300EA, E27F10300BA, E1GF10300DA, E1EF10300HA, D9ZF10300AA, D9VY10346A, D9UF10300BA  
 Servicing: American Motors, Ford, Jeep, Lincoln, Mercury  
 Grooves 1, Pulley P, Fan EF  
 Replacing: 1G series. Regulator: HC-CARGO 130506.  
 A: 101.00 B: 76.25 mm



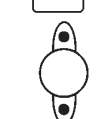
**110238** Alternator 14 V, 70 Amp  
 Replacing: F0PZ10346D, F0PZ10346C, E7PZ10346B, E7PZ10346A, E7PF10346PA, E6DZ10346D, E6DF10346DA, E6DF10300CA  
 Servicing: Ford, Lincoln, Mercury  
 Grooves 1, Total length 170.00, Pulley P, Fan EF  
 Replacing: 1G serie. Same as HC-CARGO 110239 (90 A). Regulator: HC-CARGO 130506.  
 A: 104.00 B: 76.25 mm



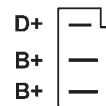
**110239** Alternator 14 V, 90 Amp  
 Replacing: E9DF10300DA, E8DF10300DE, E8DF10300DA, E7TF10300NA, E7DF10300EB, E7DF10300EA, D7ZF10300CA  
 Servicing: Ford  
 Total length 170.00, Pulley w/o, Fan w/o  
 Regulator: HC-CARGO 130506.  
 B: 76.25 mm



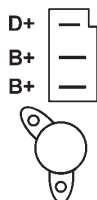
**110607** Alternator 14 V, 70 Amp  
 Replacing: U88VG10K359AA, R89FX10300BA, 894FX10300BA, 894FX10300AA, 894F10300BA, 884F10K359GB, 884F10K359AB  
 Servicing: Ford  
 Grooves 4, Total length 201.50, Pulley SP, Fan w/o  
 As HC-CARGO 111754, but w/o vacuum pump.  
 A: 33.70 B: 11.30 C: 83.00 mm



**110664** Alternator 14 V, 70 Amp  
 Replacing: E92Z10346A  
 Servicing: Ford, Mazda  
 Terminal W, Grooves 3, Total length 161.50, Pulley SP, Fan IF  
 A: 44.50 B: 13.10 C: 66.30 mm



**110759** Alternator 14 V, 35 Amp  
 Replacing: 80BB10300DB, 80BB10300DA, 72GB10300LB, 72GB10300LA, 71BB10300FB, 71BB10300FA, 6021771, 1553627  
 Servicing: Austin, Ford, Mercury  
 Grooves 1, Total length 160.00, Pulley P, Fan EF  
 A: 36.15 B: 10.50 C: 79.00 mm


**110770** Alternator 14 V, 55 Amp

Replacing: 873F10300BA, 86VB10300AA, 86VB10300A2A, 86VB10300A2

Servicing: Austin, LDV, Massey Ferguson, MG, Rover

Terminal W, Total length 166.00, Pulley w/o, Fan w/o

B: 12.00 C: 82.00 mm


**110891** Alternator 14 V, 70 Amp

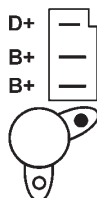
Replacing: R86AX10300MB, 91AX10300TA, 86AX10300MB, 86AB10346MA, 86AB10300NB, 86AB10300NA, 86AB10300MB

Servicing: Ford, Land Rover, MG

Terminal W, Total length 169.00, Pulley w/o, Fan w/o

As HC-CARGO 114788, but w/o pulley.

B: 11.30 C: 83.00 mm


**111086** Alternator 14 V, 65 Amp

Manufacturer: Mahle Letrika

Replacing: 84FB10300MA, 82HF10300A2A, 81BB10300EA, 80BB10300FB, 80BB10300FA, 78GB10300JD, 78GB10300JC

 Servicing: Austin, Ford, Mercury, MG, Rover  
 Grooves 1, Total length 170.00, Pulley P, Fan IF

A: 34.60 B: 10.80 C: 81.00 mm


**111176** Alternator 14 V, 75 Amp

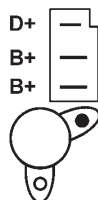
Replacing: V89AB10300AA, R89FF10300EC, R89FF10300EB, R86AX10300AAA, 91FX10300VA, 91FF10300TA, 89FX10300JA

Servicing: Ford, Land Rover, LDV, Rover

Terminal W, Total length 166.50, Pulley w/o, Fan w/o

As HC-CARGO 114795, but w/o pulley.

B: 11.25 C: 81.65 mm


**111184** Alternator 14 V, 43 Amp

Replacing: 5010556

Servicing: Ford, Land Rover, Massey Ferguson, Rover, Triumph, Vauxhall

 Total length 186.00, Pulley w/o, Fan w/o  
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.

B: 9.85 C: 87.00 mm


**111199** Alternator 14 V, 95 Amp

Replacing: GL308, GL-308, F7PZ10346LA, F7CU10300AB, F77U10300BB, F77U10300BA, F6PZ10346LA, F6PZ10346CA

Servicing: Ford, Mazda, Mercury

Grooves 6, Total length 162.50, Pulley SP, Fan IF

Replacing: 3G series.

A: 40.80 B: 55.20 C: 74.00 mm


**111200** Alternator 14 V, 130 Amp

Replacing: ZM2-18-300, XL3U10300CB, XL3U10300CA, F85U10300AB, F85U10300AA, F6UZ10346VA, F6UU10300FA

Servicing: Ford, Mazda

Grooves 6, Total length 161.50, Pulley SP, Fan IF

Replacing: 3G series.

A: 40.80 B: 55.00 C: 61.00 mm


**111252** Alternator 14 V, 75 Amp

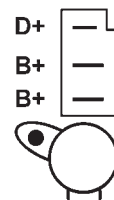
Replacing: GL263, GL252, GL246, FOTU10300EA, E9UF10300BA, E9SF10300BA, E9PF10346BA, E8TF10300BA, E7ZF10300FA

Servicing: Ford, Mercury

Grooves 6, Total length 157.00, Pulley SP, Fan IF

Replacing: 2G series.

A: 95.40 B: 76.10 mm


**111289** Alternator 14 V, 70 Amp

Replacing: R72GB10346NA, 89AX10300HA, 89AX10300EA, 89AB10300HA, 89AB10300GB, 89AB10300GA, 89AB10300EB

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

Terminal W, Grooves 1, Total length 175.00, Pulley P, Fan EF

A: 35.00 B: 12.50 C: 80.00 mm

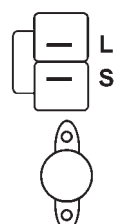

**111293** Alternator 14 V, 70 Amp

Replacing: 92FB10300FB, 92AB10300FB, 92AB10300FA, 92AB10300DD, 92AB10300DC, 91AB10300SA, 7275999

Servicing: Ford

Grooves 6, Total length 172.00, Pulley SP, Fan IF

A: 33.00 B: 14.00 C: 80.00 mm

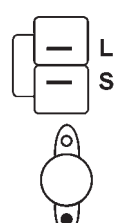

**111315** Alternator 14 V, 90 Amp

Replacing: F32Z10346B, 3395461

Servicing: Ford, Mazda

Grooves 5, Total length 155.50, Pulley SP, Fan IF

A: 37.65 B: 13.20 C: 66.45 mm


**111317** Alternator 14 V, 80 Amp

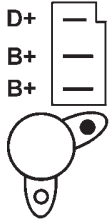
Replacing: 3465426

Servicing: Ford, Kia, Mazda

Grooves 4, Total length 164.00, Pulley SP, Fan IF

A: 38.50 B: 13.20 C: 66.80 mm





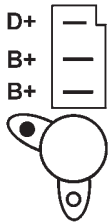
**111356** Alternator 14 V, 55 Amp

Replacing: R89FX10300GB, 89FF10300GB, 89FF10300GA, 89FF10300AC, 89FF10300AB, 89FF10300AA, 6181359

Servicing: Ford, Various Agriculture Vehicles

Terminal W, Grooves 3, Pulley SP, Fan EF

A: 43.00 B: 10.80 C: 81.00 mm



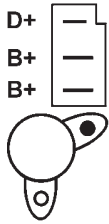
**111362** Alternator 14 V, 55 Amp

Replacing: R86AX10300AB, 87BB10300BA, 86AX10300DB, 86AX10300AB, 86AX10300AAA, 86AB10300EB, 86AB10300EA

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

Terminal W, Grooves 1, Total length 165.50, Pulley P, Fan EF

A: 34.50 B: 11.00 C: 81.00 mm



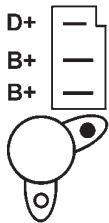
**111364** Alternator 14 V, 55 Amp

Replacing: 870G10300AA, 86FB10300BA, 86FB10300AA, 86AX10300ADA, 86AB10300ADA, 864F10300EA, 85BB10300GA

Servicing: Ford, Rover

Terminal W, Grooves 1, Total length 166.00, Pulley P, Fan EF

A: 35.50 B: 12.50 C: 81.00 mm



**111368** Alternator 14 V, 70 Amp

Replacing: V87VG10300AE, V87VG10300AB, V87VG10300AA, RV87VX10300AB, RV87VG10300AB

Servicing: Ford

Terminal W, Grooves 1, Total length 166.50, Pulley P, Fan EF

A: 34.90 B: 12.00 C: 82.60 mm



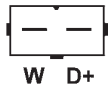
**111427** Alternator 14 V, 90 Amp

Replacing: R93BB10300AG, R93BB10300AE, 93BB10300CE, 93BB10300CD, 93BB10300CC, 93BB10300CB, 93BB10300AG

Servicing: Ford

Grooves 6, Total length 167.50, Pulley SP, Fan IF

A: 34.50 B: 13.50 C: 81.00 mm



**111477** Alternator 14 V, 90 Amp

Replacing: R95VW10300NA, 95VW10300RA, 95VW10300NA, 95VW10300AAA, 7203201, 1031896

Servicing: Ford, Seat, Skoda, VW

Terminal W, Grooves 6, Total length 187.00, Pulley SP, Fan IF

A: 39.50 B: 13.50 C: 59.00 mm



**111623** Alternator 14 V, 70 Amp

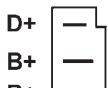
Replacing: V94GB10K359AD, V94GB10K359AC, V94GB10K359AB, RV94GB10300BB, R924X10300AB, R924X10300AA

Servicing: Ford

Terminal W, Grooves 4, Total length 201.50, Pulley SP, Fan EF

Alternative no.: 115890

A: 33.00 B: 11.80 C: 83.40 mm



**111739** Alternator 14 V, 55 Amp

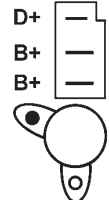
Replacing: F0NN10B376AB

Servicing: Ford, New Holland

Terminal BS/W, Total length 167.00, Pulley w/o, Fan EF

w/ battery sensor terminal.

B: 11.40 C: 82.30 mm



**111740** Alternator 14 V, 70 Amp

Replacing: E7NN10B376BB, E7NN10B376BA, E7NN10B376AB, E7NN10B376AA, E4NN10B376AB

Servicing: Ford

Terminal BS/W, Grooves 1, Total length 167.00, Pulley P, Fan EF

w/ battery sensor terminal.

A: 35.50 B: 11.30 C: 82.70 mm



**111741** Alternator 14 V, 70 Amp

Replacing: 92VB10300BB, 92VB10300BA, 92VB10300AB, 89BX10300LB, 89BX10300HB, 89BB10300MB, 89BB10300MA

Servicing: Ford

Terminal W, Total length 170.00, Pulley w/o, Fan w/o

B: 11.50 C: 81.00 mm



**111742** Alternator 14 V, 70 Amp

Replacing: R954F10300AA, 924X10300AB, 924FX10K359AA, 924FX10K359, 924F10K359AB, 924F10K359AA, 924F10300AB

Servicing: Ford

Terminal W, Grooves 4, Total length 258.50, Pulley SP, Fan EF

A: 34.00 B: 12.00 C: 83.00 mm



**111754** Alternator 14 V, 70 Amp

Replacing: R89FX10300AA, R894X10300BA, R894X10300AA, 894X10300BA, 864FX10K359FE, 864F10K359GL, 864F10K359GD

Servicing: Ford

Grooves 4, Total length 260.00, Pulley SP, Fan w/o

w/o vacuum pump: HC-CARGO 110607.

A: 33.65 B: 12.25 C: 82.70 mm



FRSIGALIRCA

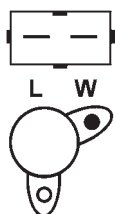

**111795** Alternator 14 V, 80 Amp

Replacing: 98AB10300GM, 98AB10300GL, 98AB10300GK, 98AB10300GJ, 98AB10300GH, 98AB10300GG, 98AB10300GF

Servicing: Ford

Grooves 6, Total length 164.00, Pulley SP, Fan IF

A: 12.50 B: 72.00 C: 53.00 mm



L W

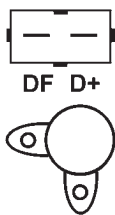

**111797** Alternator 14 V, 95 Amp

Replacing: 98VP10K359BB, 98VP10K359BA, 98VB10K359BC, 98VB10K359BB, 98VB10K359BA, 98VB10K359AB, 1086299

Servicing: Ford

Terminal W, Grooves 4, Total length 243.00, Pulley SP, Fan IF

A: 34.00 B: 13.30 C: 81.00 mm



DF D+

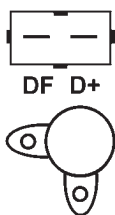

**111828** Alternator 14 V, 120 Amp

Replacing: 97VW10300EA, 1076005

Servicing: Ford, Seat, Volvo, VW

 Total length 200.00, Pulley w/o, Fan IF  
*Freewheel Pulley: HC-CARGO 139281.*

B: 14.10 C: 59.00 mm



DF D+

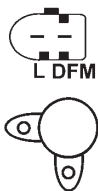

**111988** Alternator 14 V, 120 Amp

Replacing: R95VW10300ABA, 95VW10300ABA, 1031898, 1018818

Servicing: Ford, Seat, VW

Grooves 6, Total length 194.00, Pulley SP, Fan IF

A: 39.00 B: 13.90 C: 59.00 mm



L DFM


**112002** Alternator 14 V, 120 Amp

Replacing: YM2110300AA, 98VW10300EA, 3M2110300BA, 1253624, 1110413, 1100712

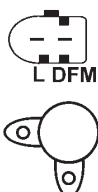
Servicing: Audi, Ford, Seat, Skoda, VW

Terminal W, Total length 180.00, Pulley w/o, Fan IF

*Free wheel pulley: HC-CARGO 230293. Washer Bosch: HC-CARGO 139931. Washer hitachi: HC-CARGO 133948. As HC-CARGO 114797, but w/o pulley.*

Alternative no.: 115483

B: 14.50 C: 61.00 mm



L DFM


**112079** Alternator 14 V, 90 Amp

Replacing: 98VW10300CA, 98VN10300CA, 3M2110300AA, 1100711

Servicing: Audi, Ford, Seat, Skoda, VW

Grooves 6, Total length 170.00, Pulley SP/FW, Fan IF

Alternative no.: 114789

A: 39.00 B: 14.00 C: 61.00 mm



B+D+ W


**112121** Alternator 14 V, 70 Amp

Replacing: R97AB10300AE, R97AB10300AD, 97AB10300AE, 97AB10300AD, 97AB10300AC, 97AB10300AB, 97AB10300AA

Servicing: Ford, Mazda

Terminal W, Grooves 5, Total length 178.00, Pulley SP, Fan IF

A: 33.00 B: 14.40 C: 55.50 mm



FRSIGALIRCA


**112142** Alternator 14 V, 90 Amp

Replacing: 98AB10300JG, 98AB10300JF, 98AB10300JE, 98AB10300JD, 98AB10300JC, 98AB10300JB, 98AB10300JA

Servicing: Ford

 Total length 168.00, Pulley w/o, Fan IF  
 B: 14.00 C: 63.20 mm


FRSIGALIRCA


**112143** Alternator 14 V, 80 Amp

Replacing: 98AB10300DJ, 98AB10300DH, 98AB10300DG, 98AB10300DF, 98AB10300DE, 98AB10300DD, 98AB10300DC

Servicing: Ford, Lister

Grooves 6, Total length 166.00, Pulley SP, Fan IF

A: 34.00 B: 13.80 C: 62.40 mm



I S A


**112151** Alternator 14 V, 95 Amp

Replacing: F5RU10316AA, 97BB10300BD, 97BB10300BC, 97BB10300BB, 97BB10300BA, 93BB10300FG, 93BB10300FF

Servicing: Ford

Terminal W, Grooves 5, Total length 158.50, Pulley SP, Fan IF

A: 46.00 B: 57.00 mm



LDFMS


**112198#** Alternator 14 V, 105 Amp

Replacing: 98BB10300BE, 98BB10300BD, 98BB10300BC, 1085875, 1073771

Servicing: Ford

Grooves 6, Total length 178.00, Pulley SP, Fan IF

A: 33.50 B: 14.00 C: 59.00 mm


**112298** Alternator 14 V, 80 Amp

Replacing: F6PU10346SA, F6PU10300SA

Servicing: Citroen, Fiat, Peugeot

Grooves 6, Total length 179.00, Pulley SP, Fan IF

A: 42.00 B: 26.10 C: 66.70 mm





**B+D+ W**



**112325** Alternator 14 V, 70 Amp

Replacing: R95FF10300AC, R95FF10300AA, 95FF10300AD, 95FF10300AC, 95FF10300AB, 95FF10300AA, 93FF10300AA

Servicing: Ford

Terminal W, Grooves 5, Total length 170.00, Pulley SP, Fan IF D+ may be w/ M4.

A: 33.00 B: 14.20 C: 75.50 mm



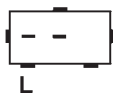
**112352** Alternator 14 V, 70 Amp

Replacing: XM3410300BA, XM3410300AA, 6M3410300AB, 4344538, 3601014, 1449569

Servicing: Ford, Mazda

Grooves 2, Total length 180.00, Pulley DP, Fan IF

A: 42.00 B: 13.00 C: 65.00 mm



**112654** Alternator 14 V, 90 Amp

Manufacturer: Marelli

Replacing: YS6110300BF, YS6110300BB, 1122105

Servicing: Ford

Total length 213.00, Pulley w/o, Fan IF

B: 17.25 C: 62.60 mm



**112680** Alternator 14 V, 70 Amp

Replacing: R95AB10300DB, 95AB10300DI, 95AB10300DC, 95AB10300DB, 95AB10300DA, 7355509, 5030656

Servicing: Ford

Terminal W, Grooves 6, Total length 173.00, Pulley SP, Fan IF

A: 33.50 B: 14.00 C: 80.00 mm



**B+D+ W**



**112698** Alternator 14 V, 100 Amp

Replacing: R95GB10300MB, R95GB10300MA, 95GB10300MB, 95GB10300MA, 95GB10300LB, 95GB10300LA, 7312901, 5030343

Servicing: Ford

Terminal W, Grooves 6,

Total length 178.00, Pulley SP, Fan IF

A: 33.00 B: 14.10 C: 83.30 mm



**112709** Alternator 14 V, 120 Amp

Replacing: R95VW10300KB, 95VW10300KB, 95VW10300KA, 7361230

Servicing: Ford, VW

Terminal W, Grooves 7,

Total length 195.00, Pulley SP, Fan IF

A: 43.00 B: 14.00 C: 61.00 mm



**B+D+ W**



**112718** Alternator 14 V, 100 Amp

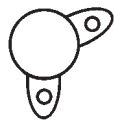
Replacing: F2NN10B376AA, F0NN10B376CA, F0NN10B376BB

Servicing: Ford, New Holland

Terminal W, Grooves 6,

Total length 189.00, Pulley SP, Fan IF

A: 32.00 B: 14.00 C: 83.80 mm



**112747** Alternator 28 V, 55 Amp

Replacing: 83DB10346AA, 1620918

Servicing: Deutz-Fahr, Ford, Iveco, KHD

Terminal W, Total length 177.00,

Pulley w/o, Fan EF

B: 56.00 mm



**A S I**



**112835** Alternator 14 V, 65 Amp

Replacing: GL253, GL248, GL241A, GL241-A, GL241, GL237, EDE7AF10300BA, E8SF0300BA, E8PZ10346A, E8PF10346AA

Servicing: Ford, Lincoln, Mercury

Grooves 6, Total length 159.00,

Pulley SP, Fan EF

Replacing: 2G series.

A: 95.50 B: 76.30 mm



**A S I**



**112842** Alternator 14 V, 75 Amp

Replacing: GL520, E9PZ10346A, E99F10300BA

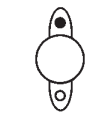
Servicing: Ford

Grooves 6, Total length 158.00,

Pulley SP, Fan EF

Replacing: 2G series.

A: 96.00 B: 76.20 mm



**112914** Alternator 14 V, 100 Amp

Replacing: E7TF10300GA, E1VF10300AA, E1VF10300A, E1BF10300CA, D9BF10300AA, D8VF10300BA

Servicing: Ford, Lincoln, Mercury

Grooves 1, Pulley P, Fan EF

Replacing: 1G series. Regulator: HC-CARGO 130506.

A: 104.50 B: 76.35 mm



**A S I**



**112921** Alternator 14 V, 95 Amp

Replacing: GL312, F3VU10300AA, F1VY10346B, F1VU10300BC, F1VU10300BB

Servicing: Ford, Lincoln, Mercury

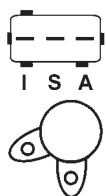
Grooves 7, Total length 173.00,

Pulley SP, Fan IF

Replacing: 3G series.

A: 50.00 B: 25.70 mm

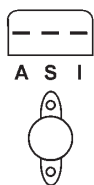



**112927** Alternator 14 V, 130 Amp

Replacing: GL317, GL-317, F6PU10346AA, F6PU-10346-AA, F6AZ10346AA, F6AZ-10346-AA, F3PU10346AC, F3PU-10346-AC

Servicing: Ford, Lincoln, Mercury  
Grooves 6/7, Total length 174.00,  
Pulley SP, Fan IF  
Replacing: 3G series.

A: 49.50 B: 25.30 mm


**112936** Alternator 14 V, 130 Amp

Replacing: GL428, GL-428, F8PZ10346CA, F8PZ-10346-CA, F8PU10346CA, F8PU-10346-CA, F8DU10300AA, F8DU-10300-AA

Servicing: Ford, Mercury  
Grooves 6, Total length 170.00,  
Pulley SP, Fan IF  
Replacing: 3G series.

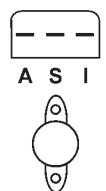
A: 97.50 B: 76.20 mm


**112943** Alternator 14 V, 130 Amp

Replacing: GL357, GL356, GL-357, GL-356, F6ZZ10346B, F6ZZ-10346-B, F6ZU10300BG, F6ZU10300BE, F6ZU10300BC

Servicing: Ford, Lincoln  
Grooves 6, Total length 131.00,  
Pulley SP, Fan IF  
Replacing: 4G series.

A: 49.00 B: 30.50 mm


**112931** Alternator 14 V, 130 Amp

Replacing: GL329, GL-329, F3DU10300BB, F3DU-10300-BB

Servicing: Ford, Mercury  
Grooves 6, Total length 170.00,  
Pulley SP, Fan EF  
Replacing: 3G series.

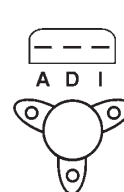
A: 97.00 B: 77.00 mm


**112939** Alternator 14 V, 130 Amp

Replacing: XS9110300AB, R96BB10300BA, GL481, GL416, GL385, GL347, F6RZ10346BB, F6RZ-10346-BB, F6RU10300AA

Servicing: Ford, Mercury  
Grooves 6, Total length 169.00,  
Pulley SP, Fan IF  
Replacing: 3G series.

A: 49.00 B: 25.75 mm


**112944<sup>#</sup>** Alternator 14 V, 130 Amp

Replacing: YF1Z10346E, YF1U10300EN, YF1U10300EB, YF0U10300EA, GL452RM, GL452, GL355, GL-355, F6DZ10346B

Servicing: Ford, Mercury  
Grooves 6, Total length 169.00,  
Pulley SP, Fan IF  
Replacing: 4G series.

A: 74.35 B: 45.00 mm


**112932** Alternator 14 V, 130 Amp

Replacing: F5AU10300AA, F3AZ10346A, F3AU10300CA, F3AU-10300-CA

Servicing: Ford, Lincoln, Mercury  
Grooves 6, Total length 173.00,  
Pulley SP, Fan IF  
Replacing: 3G series.

A: 49.00 B: 25.50 mm


**112940** Alternator 14 V, 95 Amp

Replacing: GL372, GL-372, F7UU10300AB, F7UU10300AA, F6PZ10346RA, F6PZ-10346-RA, F65U10300EA, F65U-10300-EA

Servicing: Ford  
Grooves 8, Total length 175.00,  
Pulley SP, Fan IF  
Replacing: 3G series.

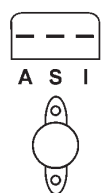
A: 48.50 B: 25.30 mm


**112946** Alternator 14 V, 130 Amp

Replacing: XL2Z10346AA, XL2Z-10346-AA, XL2U10300AA, GL423RM, GL423, GL363, GL-363, F7Z10346AB, F7Z-10346-AB

Servicing: Ford, Mercury  
Grooves 6, Total length 132.00,  
Pulley SP, Fan IF  
Replacing: 4G series.

A: 39.50 B: 55.50 C: 56.00 mm


**112933** Alternator 14 V, 130 Amp

Replacing: GL344, GL-344, F8ZU-10300-AA, F4ZU10300DA, F4ZU-10300-DA, F4SU10300AB, F4SU-10300-AB, F4PZ10346B

Servicing: Ford, Mercury  
Grooves 6, Total length 164.00,  
Pulley SP, Fan IF  
Replacing: 3G series.

A: 97.00 B: 76.25 mm


**112942** Alternator 14 V, 130 Amp

Replacing: XW7Z10346AA, XW7U10300AA, GL434RM, GL434, GL406, GL384, GL-406, GL-384, F8OZ10346CA, F8OZ-10346-CA

Servicing: Ford, Lincoln, Mercury  
Grooves 6, Total length 132.00,  
Pulley SP, Fan IF  
Replacing: 4G series.

A: 49.50 B: 30.60 mm


**112947** Alternator 14 V, 135 Amp

Replacing: GL407, GL-407, F8AZ10346AB, F8AZ-10346-AB, F8AU10300AD, F8AU10300AC, F8AU10300AB, F8AU-10300-AC

Servicing: Ford, Lincoln, Mercury  
Grooves 6, Total length 164.00,  
Pulley SP, Fan IF  
Replacing: 6G series.

A: 49.35 B: 25.75 mm

## ALTERNATORS



**112949** Alternator 14 V, 110 Amp  
 Replacing: GL412RM, GL412, F81Z10346EA, F81Z-10346-EA, F81U10300EB, F81U-10300-EB  
 Servicing: Ford  
 Grooves 8, Total length 167.00,  
 Pulley SP, Fan IF  
 Replacing: 6G series.  
 A: 40.00 B: 55.00 C: 74.00 mm



**112951** Alternator 14 V, 105 Amp  
 Replacing: XF2Z10346AA, XF2Z-10346-AA, XF2U10300AB, XF2U-10300-AB, GL425  
 Servicing: Ford  
 Grooves 6, Total length 162.00,  
 Pulley SP, Fan IF  
 HC-CARGO 210878 must be used when testing. Replacing: 6G series.  
 A: 98.00 B: 76.30 mm



**112954** Alternator 14 V, 105 Amp  
 Replacing: XR3Z10346AA, XR3Z-10346-AA, XR3U10300AC, XR3U10300AB, XR3U10300AA, XR3U-10300-AB, XR3U-10300-AA  
 Servicing: Ford  
 Grooves 6, Total length 165.00,  
 Pulley SP, Fan IF  
 Replacing: 6G series.  
 A: 50.00 B: 25.50 mm



**112956** Alternator 14 V, 130 Amp  
 Replacing: XF2Z10346BA, XF2Z-10346-BA, XF2U10300BE, XF2U10300BD, XF2U10300BC, XF2U-10300-BC, GL426RM, GL426  
 Servicing: Ford  
 Grooves 6, Total length 161.00,  
 Pulley SP, Fan IF  
 Replacing: 6G series.  
 A: 39.50 B: 55.50 C: 74.00 mm



**112958** Alternator 14 V, 110 Amp  
 Replacing: GL462RM, GL462, GL456RM, GL456, 98AZ10346EN, 98AZ10346EA, 98AZ-10346-EA, 98AB10300EB, 98AB-10300-EB  
 Servicing: Ford, Mazda  
 Grooves 6, Total length 162.50,  
 Pulley SP, Fan IF  
 Replacing: 6G series.  
 A: 33.85 B: 14.25 C: 63.30 mm



**112959** Alternator 14 V, 110 Amp  
 Replacing: GL455RM, GL455, 98AZ10346FA, 98AZ-10346-FA, 98AB10300FC, 98AB-10300-FC  
 Servicing: Ford  
 Grooves 6, Total length 162.50,  
 Pulley SP, Fan IF  
 Replacing: 6G series.  
 A: 40.00 B: 55.00 C: 75.00 mm



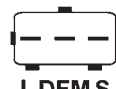
**112961** Alternator 14 V, 110 Amp  
 Replacing: GL463, 1L8Z10346CB, 1L8Z-10346-CB, 1L8U10300CE, 1L8U10300CD, 1L8U-10300-CE, 1L8U-10300-CD  
 Servicing: Ford, Mazda  
 Grooves 6, Total length 163.00,  
 Pulley SP, Fan IF  
 Replacing: 6G series.  
 A: 40.50 B: 55.20 C: 74.00 mm



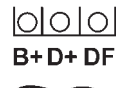
**112993** Alternator 14 V, 130 Amp  
 Replacing: GL358, GL332, GL-358, GL-332, F8ZU10300AA, F5HZ10346A, F4PU10346BA, F4HT10300KA, F4HT10300FA  
 Servicing: Cummins, Ford, International, Volvo  
 Terminal W, Total length 217.00,  
 Pulley w/o, Fan EF  
 Shaft is 7/8 In = 22.255 mm. Replacing: 21SI.  
 Negative grounding. One wire system. B+ 1/4".  
 B: 14.20 C: 101.50 mm



**113285** Alternator 14 V, 75 Amp  
 Replacing: YC1U10300DE, YC1U10300DC, YC1U10300DB, YC1U10300DA, YC1U10300BB, YC1T10300BJ, YC1T10300BH  
 Servicing: Ford  
 Grooves 7, Total length 218.50,  
 Pulley SP/FW, Fan IF  
 w/ single pulley: HC-CARGO 113544.  
 A: 38.60 B: 55.25 C: 74.50 mm



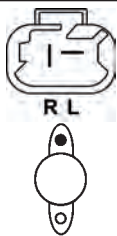
**113298** Alternator 14 V, 105 Amp  
 Replacing: 2C1T10300AB, 2C1T10300AA  
 Servicing: Ford  
 Grooves 6, Total length 179.50,  
 Pulley SP, Fan IF  
 A: 40.00 B: 56.00 C: 75.00 mm



**113447** Alternator 14 V, 70 Amp  
 Replacing: R96FB10300DD, R96FB10300DC, 96FB10300DE, 96FB10300DD, 96FB10300DC, 96FB10300DA, 1036244  
 Servicing: Ford, Mazda  
 Grooves 6, Total length 174.00,  
 Pulley SP, Fan IF  
 A: 33.00 B: 13.90 C: 80.20 mm

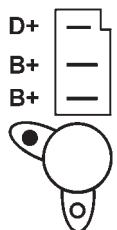


**113535** Alternator 14 V, 85 Amp  
 Replacing: 9S5110346BB, 9S5110346BA, 1673521, 1535437  
 Servicing: Fiat, Ford, Lancia  
 Grooves 5, Total length 184.50,  
 Pulley SP, Fan IF  
 A: 16.30 B: 24.20 C: 51.00 mm



**113562** Alternator 14 V, 40 Amp  
 Replacing: SBA185046320  
 Servicing: Ford, New Holland  
 Grooves 1, Total length 160.00, Pulley P, Fan IF

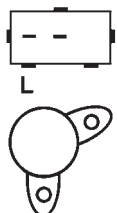
A: 42.00 B: 12.90 C: 81.50 mm



**113574** Alternator 14 V, 65 Amp  
 Replacing: 81DB10300BB, 81DB10300BA, 6173461

Servicing: Case, New Holland, Valtra  
 Terminal W, Grooves 1,  
 Total length 177.50, Pulley P, Fan EF

A: 36.85 B: 10.40 C: 83.00 mm



**113599** Alternator 14 V, 80 Amp  
 Replacing: YS6110300CC, YS6110300CB, YS6110300CA, YS1610300CC, 1128296

Servicing: Ford  
 Grooves 6, Total length 181.00,  
 Pulley SP, Fan IF

A: 33.20 B: 16.70 C: 53.90 mm



**113621** Alternator 14 V, 115 Amp  
 Replacing: 4170444, 1C1T10300BB  
 Servicing: Ford, New Holland

Grooves 6, Total length 188.50,  
 Pulley SP, Fan IF  
 A: 33.55 B: 14.10 C: 83.35 mm



**113708** Alternator 14 V, 115 Amp  
 Replacing: 1S7TT10300CC, 1S7TT10300CB, 1S7T10300CF, 1S7T10300CE, 1S7T10300CD, 1S7T10300CC, 1S7T10300CB

Servicing: Ford  
 Grooves 6, Total length 153.00,  
 Pulley SP/FW, Fan IF

A: 41.00 B: 55.00 C: 74.00 mm



**113709** Alternator 14 V, 115 Amp  
 Replacing: 1S7TBC, 1S7T10300DF, 1S7T10300DE, 1S7T10300DD, 1S7T10300DC, 1S7T10300DB, 1S7T10300DA, 1S7T10300BE

Servicing: Ford, Jaguar  
 Grooves 6, Pulley SP, Fan IF

A: 41.00 B: 55.00 C: 86.50 mm



**113710** Alternator 14 V, 140 Amp  
 Replacing: 5128967, 5128966, 4531026, 4531025, 4394204, 4374448, 4374447, 4371001, 4371000, 2T1UCF

Servicing: Ford  
 Pulley w/o, Fan IF

B: 14.00 C: 69.00 mm



**113765** Alternator 14 V, 90 Amp  
 Replacing: FOHU10346FA, FOHU10346CA, EZHT10346EB, E4HT10300AA, E2HT10300GA, E2HT10300FA, E2HT10300EB

Servicing: Various Industrial applications  
 Terminal W, Total length 202.00,  
 Pulley w/o  
 B: 76.05 mm



**113833** Alternator 14 V, 90 Amp  
 Replacing: R97KB10300AA, 97KB10300AB, 97KB10300AA, 1135454, 1032333, 1025547

Servicing: Ford  
 Terminal DF, Grooves 6,  
 Total length 174.00, Pulley SP, Fan IF  
 DF M5.

A: 33.00 B: 13.80 C: 78.60 mm



**113849** Alternator 14 V, 150 Amp  
 Manufacturer: Marelli

Replacing: 8M5T10300YB, 8M5T10300YA, 3M5T10300YE, 3M5T10300YD, 3M5T10300YC, 3M5T10300YB, 3M5T10300YA, 1708322

Servicing: Ford, Mazda, Volvo

Grooves 6, Pulley SP/FW, Fan IF

A: 42.50 B: 21.00 C: 45.00 mm



**113883** Alternator 14 V, 90 Amp  
 Replacing: 2S6T10300FC, 2S6T10300FB, 2S6T10300FA, 1479818, 1464755, 1145715

Servicing: Ford

Grooves 6, Total length 165.50,  
 Pulley SP, Fan IF

A: 39.58 B: 54.87 C: 74.00 mm

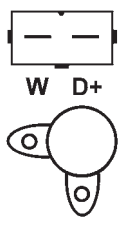


**113884** Alternator 14 V, 150 Amp  
 Replacing: YM2110300CA, 6M2110346CA, 1580265, 1188206, 1118206

Servicing: Ford, Jeep, Mitsubishi, Seat, VW  
 Grooves 6, Total length 201.50,  
 Pulley SP/FW, Fan IF

A: 39.00 B: 14.35 C: 59.00 mm





**113885** Alternator 14 V, 150 Amp  
 Manufacturer: Bosch  
 Replacing: R95VW10300SA, 95VW10300SA, 7361233, 1012459  
 Servicing: Audi, Ford, Mercedes-Benz, Seat, VW  
 Terminal W, Grooves 7,  
 Total length 208.50, Pulley SP, Fan IF  
 A: 42.85 B: 14.15 C: 61.00 mm



**113912** Alternator 14 V, 80 Amp  
 Manufacturer: Visteon  
 Replacing: 3S6TAA, 3S6T10300AD, 3S6T10300AC, 3S6T10300AB, 3S6T10300AA, 2S6T10300AC, 2S6T10300AB, 2S6T10300AA  
 Servicing: Ford, Mazda  
 Total length 151.00, Pulley w/o, Fan IF  
*Freewheel Pulley: HC-CARGO 235503.*  
 B: 21.00 C: 45.00 mm



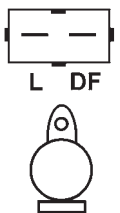
**113913** Alternator 14 V, 110 Amp  
 Replacing: YC1U10300EC, YC1U10300EB, YC1U10300EA, 4461712, 4362258, 2C1T10300BB, 2C1T10300BA  
 Servicing: Ford  
 Total length 196.40, Pulley w/o, Fan IF  
 B: 55.00 C: 74.00 mm



**113920** Alternator 28 V, 35 Amp  
 Replacing: 1021198  
 Servicing: MAN, Mercedes-Benz, Padane  
 Terminal W, Total length 176.00,  
 Pulley w/o, Fan w/o  
 B: 80.40 mm



**113922** Alternator 14 V, 120 Amp  
 Replacing: 3M5T10300PD, 3M5T10300PC, 3M5T10300PB, 3M5T10300PA, 1477737, 1255712, 1229258  
 Servicing: Ford, Mazda, Volvo  
 Grooves 6, Total length 170.00,  
 Pulley SP/FW, Fan IF  
 A: 43.00 B: 22.00 C: 45.00 mm



**113952** Alternator 14 V, 70 Amp  
 Replacing: 98MF10300CC, 98MF10300CB, 98MF10300CA, 1122238, 1098747, 1088304  
 Servicing: Ford  
 Grooves 6, Total length 159.00,  
 Pulley SP, Fan IF  
 A: 11.00 B: 72.00 C: 52.00 mm



**113958** Alternator 14 V, 150 Amp  
 Replacing: AC1T10300BB, AC1T10300BA, 6C1T10300BD, 6C1T10300BC, 6C1T10300BB, 6C1T10300BA, 1747021, 1712779  
 Servicing: Citroen, Fiat, Ford, Peugeot  
 Grooves 6, Pulley SP/FW, Fan IF  
 Alternative no.: 115499   
 A: 43.00 B: 92.80 C: 74.00 mm



**113978** Alternator 14 V, 120 Amp  
 Replacing: 3M5T10300VD, 3M5T10300VC, 3M5T10300VB, 3M5T10300VA, 1530299, 1256552  
 Servicing: Ford, Volvo  
 Pulley w/o, Fan IF  
*Freewheel Pulley: HC-CARGO 237619.*  
 B: 72.00 C: 68.80 mm



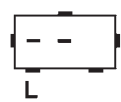
**114009** Alternator 14 V, 105 Amp  
 Replacing: 3N1110300AG, 3N1110300AF, 3N1110300AE, 3N1110300AD, 3N1110300AC, 3N1110300AB, 3N1110300AA, 1708472  
 Servicing: Ford  
 Grooves 6, Total length 160.00,  
 Pulley SP, Fan IF  
 A: 10.00 B: 72.00 C: 52.00 mm



**114064** Alternator 14 V, 150 Amp  
 Replacing: 1581844, 1404792, 1372737, 6C1T10300CD, 6C1T10300CC, 6C1T10300CB, 6C1T10300CA,  
 Servicing: Ford, Land Rover  
 Total length 167.00, Pulley w/o  
*Freewheel Pulley: HC-CARGO 235720.*  
 B: 93.00 C: 74.00 mm



**114065** Alternator 14 V, 120 Amp  
 Manufacturer: Denso  
 Replacing: 3M5T10300LD, 3M5T10300LC, 3M5T10300LB, 3M5T10300LA, 1530298, 1322879  
 Servicing: Ford  
 Grooves 6, Total length 165.00,  
 Pulley SP, Fan IF  
 A: 75.00 B: 72.00 C: 68.50 mm



**114066** Alternator 14 V, 90 Amp  
 Replacing: YS6110300DE, YS6110300DB, YS6110300DA, 1117829  
 Servicing: Ford  
 Grooves 6, Total length 179.00,  
 Pulley SP, Fan IF  
 A: 33.00 B: 14.00 C: 54.00 mm

All measurements are in mm, unless else stated.  
 \*Available while stock last, \* Program development. O.E.M. names and numbers are used for reference purposes only.



**114083** Alternator 14 V, 150 Amp  
 Replacing: 3M5T10300NC, 3M5T10300NB, 1633079  
 Servicing: Volvo  
 Grooves 6, Total length 180.00,  
 Pulley SP/FW, Fan IF  
 Freewheel pulley 237619.  
 A: 75.00 B: 72.00 C: 68.00 mm



**114157** Alternator 14 V, 120 Amp  
 Replacing: 3M5T10300JD, 3M5T10300JC, 3M5T10300JB, 3M5T10300JA, 1684865, 1374082  
 Servicing: Ford  
 Grooves 5, Total length 170.00,  
 Pulley SP/FW, Fan IF  
 A: 73.20 B: 38.20 C: 90.00 mm



**114724** Alternator 14 V, 150 Amp  
 Replacing: AV6N10300GC, AV6N10300GB, 8V2110300BB, 6G9N10300XC, 6G9N10300XB, 6G9N10300XA, 31285659, 1704769  
 Servicing: Ford, Mazda, Volvo  
 Grooves 6, Total length 170.00,  
 Pulley SP/FW, Fan IF  
 A: 42.90 B: 21.00 C: 46.50 mm



**114120** Alternator 14 V, 75 Amp  
 Replacing: F8RU10300BA  
 Servicing: Ford, Mazda  
 Terminal W, Grooves 2, Pulley DP,  
 Fan IF  
 A: 41.50 B: 13.00 C: 68.00 mm



**114248** Alternator 14 V, 150 Amp  
 Replacing: 4M5T10300UD, 4M5T10300UC, 4M5T10300UB, 4M5T10300UA, 1477740, 1352431  
 Servicing: Ford  
 Total length 153.00, Pulley w/o, Fan IF  
 B: 14.00 C: 52.00 mm



**114756\*** Alternator 14 V, 180 Amp  
 Replacing: 6G9N10300MA  
 Servicing: Volvo  
 Pulley w/o, Fan IF



**114128** Alternator 14 V, 150 Amp  
 Replacing: 5190803, 2S6T10300BC, 2S6T10300BB, 2S6T10300BA, 1485762, 1140136  
 Servicing: Ford, Mazda  
 Grooves 6, Pulley SP/FW, Fan SF  
 A: 42.50 B: 21.00 C: 45.00 mm



**114250** Alternator 14 V, 120 Amp  
 Replacing: 4M5T10300KB, 4M5T10300KA, 1302007  
 Servicing: Ford  
 Total length 165.00, Pulley w/o, Fan IF  
 B: 17.20 C: 52.20 mm



**114757** Alternator 14 V, 120 Amp  
 Manufacturer: Valeo  
 Replacing: 2S7T10300BC, 2S7T10300BB, 2S7T10300BA, 1319014  
 Servicing: Ford  
 Grooves 6, Total length 174.00,  
 Pulley SP/FW, Fan IF  
 A: 40.00 B: 55.50 C: 74.00 mm



**114129** Alternator 14 V, 90 Amp  
 Replacing: 2S6T10300DE, 2S6T10300DD, 2S6T10300DC, 2S6T10300DB, 2S6T10300DA, 2S6T10300CB, 1592234, 1478281  
 Servicing: Ford, Mazda  
 Grooves 6, Total length 160.00,  
 Pulley SP, Fan IF  
 A: 11.00 B: 72.00 C: 52.00 mm



**114462** Alternator 14 V, 70 Amp  
 Replacing: 9S5110346AB, 1673520  
 Servicing: Alfa Romeo, Fiat, Ford, Lancia  
 Grooves 4, Pulley SP, Fan IF  
 A: 68.10 B: 32.50 mm



**114797** Alternator 14 V, 120 Amp  
 Replacing: YM2110300AA, 98VW10300EA, 3M2110300BA, 1253624, 1110413, 1100712  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Grooves 6, Pulley SP/FW, Fan IF  
 As HC-CARGO 112002, but w/ pulley.  
 Alternative no.: 115483 , 112002  
 A: 39.00 B: 14.50 C: 60.50 mm



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**114804\*** Alternator 14 V, 105 Amp  
 Replacing: 4M5T10300LD, 4M5T10300LC, 4M5T10300LB, 4M5T10300LA, 1496231, 1464564  
 Pulley w/o, Fan IF  
 B: 14.50 C: 52.00 mm



**114805** Alternator 14 V, 150 Amp  
 Manufacturer: Valeo  
 Replacing: AG9T10300DA, AG9T10300BA, AG9T10300AA, 1684713, 1678608  
 Servicing: Ford  
 Grooves 6, Total length 190.00,  
 Pulley SP/FW, Fan IF  
 A: 42.50 B: 21.00 C: 45.00 mm



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**114810** Alternator 14 V, 150 Amp  
 Replacing: 3M5T10300SD, 3M5T10300SC  
 Servicing: Volvo  
 Grooves 5, Pulley SP/FW, Fan IF  
 A: 33.50 B: 33.00 C: 91.50 mm



COM



**114866** Alternator 14 V, 120 Amp  
 Replacing: 8V2110300AB, 1506299  
 Servicing: Ford  
 Grooves 6, Total length 186.00,  
 Pulley SP/FW, Fan IF  
 A: 42.00 B: 21.00 C: 45.70 mm

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114883\*** Alternator 14 V, 120 Amp  
 Replacing: AV6N10300HA, 7G9N10300CC, 7G9N10300CA, 1698214, 1685794, 1469714  
 Servicing: Ford  
 Grooves 6, Total length 177.30,  
 Pulley SP, Fan IF  
 A: 10.50 B: 72.40 C: 52.60 mm



COM



**114898** Alternator 14 V, 150 Amp  
 Replacing: 6G9N10300UD, 6G9N10300UC, 6G9N10300UB, 6G9N10300UA, 1420871  
 Servicing: Ford  
 Pulley w/o, Fan IF  
 A: 80.00 B: 14.50 C: 51.50 mm



COM



**115365** Alternator 14 V, 150 Amp  
 Replacing: 7GN10300EA, 7G9N10300EA, 1458640  
 Servicing: Ford, Volvo  
 Grooves 6, Total length 182.00,  
 Pulley SP/FW, Fan IF  
 A: 42.50 B: 21.20 C: 46.70 mm



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**NEW PRODUCT**  
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**115412** Alternator 14 V, 180 Amp  
 Replacing: 6G9N10300JD, 6G9N10300JB  
 Servicing: Volvo  
 Grooves 5, Total length 194.00,  
 Pulley SP/FW, Fan IF  
 A: 61.00 B: 32.00 C: 92.00 mm



COM



**115417** Alternator 14 V, 150 Amp  
 Replacing: 6G9N10300ABC, 6G9N10300ABB, 6G9N10300ABA, 1469391, 1388002, 1379699  
 Servicing: Ford  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 40.00 B: 70.00 C: 74.00 mm



COM



**115434** Alternator 14 V, 150 Amp  
 Replacing: 6G9N10300HD, 6G9N10300HC, 6G9N10300HB, 6G9N10300HA, 1425016, 1388004, 1379701  
 Servicing: Ford, Volvo  
 Grooves 5, Total length 190.00,  
 Pulley SP/FW, Fan IF  
 A: 61.00 B: 31.50 C: 91.00 mm



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**115460** Alternator 14 V, 160 Amp  
 Replacing: 8666580, 3M5T10300GA, 3M5T10300FA  
 Servicing: Ford, Mazda, Volvo  
 Grooves 6, Total length 170.00,  
 Pulley SP/FW, Fan IF  
 A: 42.00 B: 21.00 C: 45.00 mm

**NEW PRODUCT**  
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**115461\*** Alternator 14 V, 150 Amp  
 Replacing: CC1T10300BD, CC1T10300BC, CC1T10300BB, CC1T10300BA  
 Servicing: Citroen, Ford, Peugeot  
 Grooves 6, Total length 184.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 116061   
 A: 43.20 B: 92.50 C: 73.75 mm





**115543** Alternator 14 V, 90 Amp  
 Replacing: 3S5T10300AC, 3S5T10300AB, 3S5T10300AA, 1450644, 1229424  
 Servicing: Ford  
 Grooves 6, Total length 171.00,  
 Pulley SP, Fan IF  
 A: 41.00 B: 55.00 C: 74.00 mm



**NEW PRODUCT**  
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**115544\*** Alternator 14 V, 150 Amp  
 Replacing: 6G9N10300ADB, 6G9N10300ADA, 1455494, 1435647  
 Servicing: Ford, Land Rover  
 Grooves 6, Pulley SP/FW, Fan IF

**NEW PRODUCT**  
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**115576\*** Alternator 14 V, 150 Amp  
 Replacing: CC1T10300CC, CC1T10300CB, CC1T10300CA, 1800123  
 Servicing: Ford  
 Grooves 7, Pulley SP/FW, Fan IF



**115579** Alternator 14 V, 120 Amp  
 Replacing: 4M5T10300AB, 4M5T10300AA, 1352430  
 Servicing: Ford  
 Grooves 6, Total length 168.00,  
 Pulley SP/FW, Fan IF  
 A: 41.50 B: 13.70 C: 52.00 mm



**NEW PRODUCT**  
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**115601\*** Alternator 14 V, 120 Amp  
 Replacing: 3M5T10300KC, 3M5T10300KB, 3M5T10300KA, 1543764, 1353886, 1352858  
 Servicing: Ford, Volvo  
 Grooves 6, Pulley SP, Fan IF



**115606** Alternator 14 V, 150 Amp  
 Replacing: 6M5T10300SA  
 Servicing: Changan Ford Mazda, Ford, Volvo  
 Grooves 5, Total length 170.00,  
 Pulley SP/FW, Fan IF  
 A: 34.00 B: 33.00 C: 91.00 mm



**115615** Alternator 14 V, 105 Amp  
 Replacing: 9S5110346HA, 1705484  
 Servicing: Fiat  
 Grooves 5, Total length 183.00,  
 Pulley SP, Fan IF  
 A: 17.00 C: 50.00 mm



**115659** Alternator 14 V, 80 Amp  
 Replacing: 4S5T10300AC, 4S5T10300AB, 4S5T10300AA, 1486810, 1451865  
 Servicing: Ford  
 Grooves 6, Total length 164.00,  
 Pulley SP, Fan IF  
 A: 39.50 B: 55.00 C: 51.00 mm



**115671** Alternator 14 V, 180 Amp  
 Replacing: 6G9N10300YC  
 Servicing: Land Rover  
 Grooves 6, Total length 185.00,  
 Pulley SP/FW, Fan IF  
 A: 43.00 B: 21.00 C: 47.00 mm



**NEW PRODUCT**  
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**115700** Alternator 14 V, 150 Amp  
 Replacing: 3M5T10300UA  
 Servicing: Volvo  
 Grooves 5, Total length 172.00,  
 Pulley SP/FW, Fan IF  
 B: 33.00 C: 91.00 mm

**NEW PRODUCT**  
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**115720\*** Alternator 14 V, 150 Amp  
 Replacing: 8X2310300CB  
 Servicing: Jaguar  
 Grooves 6, Pulley SP/FW, Fan IF



**115750** Alternator 14 V, 150 Amp  
 Replacing: 3M5T10300XD, 3M5T10300XC, 1535294, 1387219  
 Servicing: Ford, Ford Australia  
 Grooves 6, Total length 176.80,  
 Pulley SP, Fan IF  
 A: 74.60 B: 72.00 C: 68.30 mm



**NEW PRODUCT**  
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**115762\*** Alternator 14 V, 90 Amp  
 Replacing: YS4D10300AH, YS4D10300AG, YS4D10300AF, YS4D10300AE, YS4D10300AC, YS4D10300AB, 1342191, 1306851  
 Servicing: Ford  
 Grooves 6, Pulley SP, Fan IF



**115787** Alternator 14 V, 120 Amp  
 Replacing: 1X4310300CB  
 Servicing: Jaguar  
 Grooves 6, Total length 202.00,  
 Pulley SP/FW, Fan IF  
 A: 97.00 B: 58.00 mm



**115788** Alternator 14 V, 120 Amp  
 Replacing: 1X4310300BD  
 Servicing: Jaguar  
 Grooves 6, Total length 197.00,  
 Pulley SP, Fan IF  
 A: 97.00 B: 58.00 mm



**115789** Alternator 14 V, 120 Amp  
 Replacing: XR8310300BC, XR8310300BA  
 Servicing: Jaguar  
 Grooves 6, Pulley SP, Fan IF  
 A: 40.00 C: 74.00 mm



**NEW PRODUCT**  
www.hc-cargo.com

**115847\*** Alternator 14 V, 150 Amp  
 Replacing: 6G9N10300DD, 6G9N10300DC, 6G9N10300DB, 6G9N10300DA, 1469400, 1388003, 1379700  
 Servicing: Ford  
 Grooves 6, Pulley SP, Fan IF



**115890** Alternator 14 V, 70 Amp  
 Manufacturer: Lucas  
 Replacing: V94GB10K359AD, V94GB10K359AC, V94GB10K359AB, RV94GB10300BB, R924X10300AB, R924X10300AA  
 Servicing: Ford  
 Terminal W, Total length 200.00,  
 Pulley w/o, Fan EF  
 Alternative no.: 111623  
 B: 11.80 C: 81.50 mm

**NEW PRODUCT**  
www.hc-cargo.com

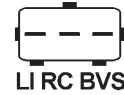
**115908\*** Alternator 14 V, 150 Amp  
 Replacing: 9G9N10300AA, 6G9N10300AA, 1682130  
 Servicing: Changan Volvo, Volvo  
 Grooves 6, Pulley SP/FW, Fan IF

**NEW PRODUCT**  
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**115959\*** Alternator 14 V, 120 Amp  
 Replacing: BV6N10300AA, 1704925  
 Servicing: Ford  
 Grooves 6, Total length 185.00,  
 Pulley SP/FW, Fan IF  
 A: 65.00 B: 71.50 C: 51.00 mm

**NEW PRODUCT**  
www.hc-cargo.com

**116007\*** Alternator 14 V, 150 Amp  
 Replacing: AH2210300AB  
 Servicing: Land Rover  
 Grooves 6, Pulley SP/FW, Fan IF

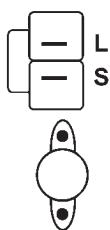


**NEW PRODUCT**  
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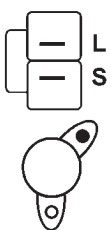
**116056\*** Alternator 14 V, 150 Amp  
 Replacing: 4R8310300AB  
 Servicing: Jaguar  
 Grooves 6, Pulley SP/FW, Fan IF



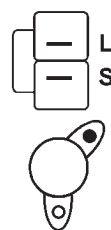
**116061** Alternator 14 V, 150 Amp  
 Manufacturer: Bosch  
 Replacing: CC1T10300BD, CC1T10300BC, CC1T10300BB, CC1T10300BA  
 Servicing: Citroen, Ford, Peugeot  
 Grooves 6, Total length 184.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 115461  
 A: 43.20 B: 92.50 C: 73.75 mm



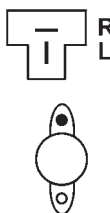
**110664** Alternator 14 V, 70 Amp  
 Replacing: HAB170144  
 Servicing: Ford, Mazda  
 Terminal W, Grooves 3,  
 Total length 161.50, Pulley SP, Fan IF  
 A: 44.50 B: 13.10 C: 66.30 mm



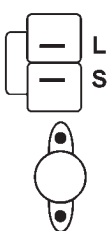
**110806** Alternator 14 V, 65 Amp  
 Replacing: HAD165500  
 Servicing: Mitsubishi  
 Grooves 1, Total length 223.50, Pulley P,  
 Fan EF  
 A: 44.40 B: 12.80 C: 56.30 mm



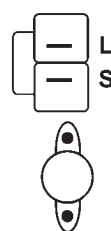
**111339** Alternator 14 V, 65 Amp  
 Replacing: HAD165504  
 Servicing: Mitsubishi  
 Grooves 1, Total length 223.00, Pulley P,  
 Fan EF  
 A: 44.70 B: 13.15 C: 54.50 mm



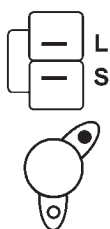
**110706** Alternator 14 V, 60 Amp  
 Replacing: HAD155500  
 Servicing: Ford, Kia, Mazda  
 Grooves 1, Total length 247.00, Pulley P,  
 Fan EF  
 A: 49.70 B: 13 C: 80.00 mm



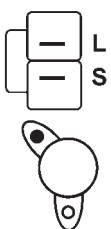
**111237** Alternator 14 V, 70 Amp  
 Replacing: HAB170140  
 Servicing: Kia, Mazda  
 Grooves 4, Total length 156.25,  
 Pulley SP, Fan IF  
 A: 37.75 B: 13.00 C: 66.55 mm



**111342** Alternator 14 V, 60 Amp  
 Replacing: HAB160102  
 Servicing: Mazda  
 Grooves 1, Total length 156.00, Pulley P,  
 Fan IF  
 A: 43.00 B: 13.00 C: 66.00 mm



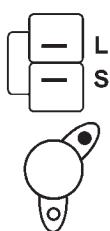
**110802** Alternator 14 V, 75 Amp  
 Replacing: HAB175120  
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi,  
 Plymouth  
 Grooves 4, Total length 159.50,  
 Pulley SP, Fan IF  
 A: 35.00 B: 13.25 C: 77.60 mm



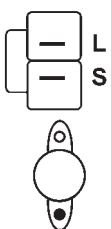
**111309** Alternator 14 V, 75 Amp  
 Replacing: HAB175200  
 Servicing: Hyundai, Proton  
 Grooves 4, Total length 161.50,  
 Pulley SP, Fan IF  
 A: 36.20 B: 13.15 C: 54.50 mm



**111405** Alternator 14 V, 90 Amp  
 Replacing: HAB190140  
 Servicing: Hyundai  
 Grooves 4, Total length 160.00,  
 Pulley SP, Fan IF  
 A: 35.00 B: 13.25 C: 55.45 mm



**110804** Alternator 14 V, 90 Amp  
 Replacing: HAB190120  
 Servicing: Dodge, Eagle, Hyundai, Kia,  
 Mitsubishi, Plymouth  
 Grooves 4, Total length 160.00,  
 Pulley SP, Fan IF  
 A: 35.00 B: 13.40 C: 77.40 mm

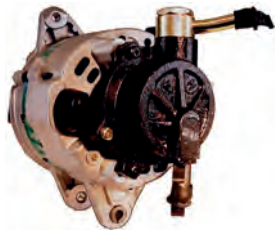


**111317** Alternator 14 V, 80 Amp  
 Replacing: HAB180101  
 Servicing: Ford, Kia, Mazda  
 Grooves 4, Total length 164.00,  
 Pulley SP, Fan IF  
 A: 38.50 B: 13.20 C: 66.80 mm



**111406** Alternator 14 V, 110 Amp  
 Replacing: HAB111100  
 Servicing: Dodge, Hyundai, Mitsubishi  
 Grooves 6, Total length 170.00,  
 Pulley SP, Fan IF  
 A: 23.50 B: 17.25 C: 55.40 mm





**111929** Alternator 14 V, 65 Amp

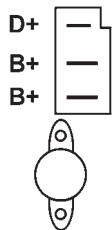
Replacing: HAD165520

Servicing: Hyundai

Grooves 1, Total length 221.00, Pulley P, Fan EF

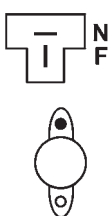
A: 44.50 B: 13.15 C: 54.50 mm

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**110107** Alternator 14 V, 55 Amp

Replacing: LR150-191, LR150-190

Servicing: Massey Ferguson

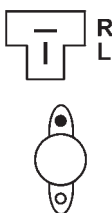
 Total length 165.00, Pulley w/o, Fan w/o  
 B: 27.00 mm

**110128** Alternator 14 V, 35 Amp

Replacing: LT135-69, LT135-54, LT135-36C, LT135-36, LT135-35C, LT135-35B, LT135-35A, LT135-35, LT135-30

Servicing: Chevrolet, Komatsu, Nissan, Subaru, TCM

Grooves 1, Total length 153.00, Pulley P, Fan EF

A: 42.00 B: 11.50 C: 80.50 mm

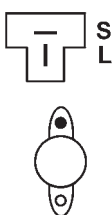

**110134** Alternator 14 V, 55 Amp

Replacing: LR150-165

Servicing: Mazda

Grooves 1, Total length 171.50, Pulley P, Fan EF

A: 41.00 B: 12.50 C: 80.50 mm

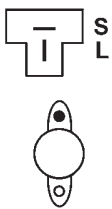

**110168** Alternator 14 V, 50 Amp

Replacing: LR150-99B, LR150-99, LR150-98E, LR150-98B, LR150-98, LR150-67, LR150-66, LR150-58, LR150-53

Servicing: Nissan

Grooves 1, Total length 171.00, Pulley P, Fan EF

A: 42.50 B: 13.00 C: 81.00 mm

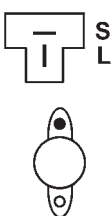

**110264** Alternator 14 V, 40 Amp

Replacing: LR140-133, LR140-132, LR138-01, LR135-70B, LR135-70, LR135-61B, LR135-61, LR135-133, LR135-132

Servicing: Nissan

Grooves 1, Total length 159.00, Pulley P, Fan EF

A: 41.50 B: 13.20 C: 80.20 mm

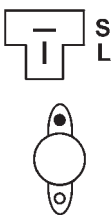

**110267** Alternator 14 V, 55 Amp

Replacing: LR160-138, LR160-137, LR155-25, LR155-18, LR155-17, LR155-15C, LR155-15B, LR155-15, LR150-110C

Servicing: Subaru

Grooves 1, Total length 172.00, Pulley P, Fan EF

A: 42.00 B: 13.00 C: 81.00 mm

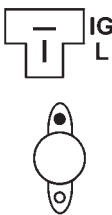

**110307** Alternator 14 V, 60 Amp

Replacing: LR160-78B, LR160-78, LR160-77, LR160-74, LR160-124, LR160-121, LR160-120, LR160-116, LR160-109C

Servicing: Mazda, Nissan

Grooves 1, Total length 166.20, Pulley P, Fan EF

A: 42.50 B: 13.10 C: 80.40 mm

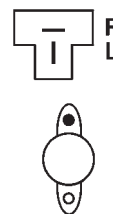

**110385** Alternator 14 V, 40 Amp

Replacing: LR140-128

Servicing: Bedford, Subaru, Suzuki

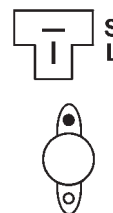
Grooves 1, Total length 144.00, Pulley P, Fan EF

A: 41.00 B: 15.00 C: 66.00 mm


**110448** Alternator 28 V, 20 Amp

Replacing: LR220-24, LR220-23

Servicing: Mitsubishi, Various Agriculture Vehicles

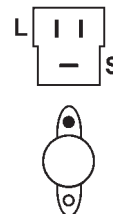
 Terminal W, Grooves 1,  
 Total length 165.00, Pulley P, Fan EF  
 A: 44.50 B: 13.50 C: 81.30 mm

**110458** Alternator 14 V, 60 Amp

Replacing: LR160-84B, LR160-84, LR160-82B, LR160-82, LR160-44

Servicing: Nissan

 Terminal W, Grooves 1,  
 Total length 177.60, Pulley P, Fan EF

A: 43.00 B: 13.00 C: 80.00 mm

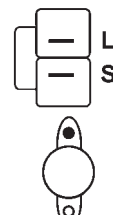

**110567** Alternator 28 V, 25 Amp

Replacing: LR225-67P, LR225-67B, LR225-67, LR225-65P, LR225-65E, LR225-65C, LR225-65B, LR225-65, LR225-60

Servicing: Nissan

 Grooves 2, Total length 248.00,  
 Pulley DP, Fan EF

A: 42.10 B: 13.67 C: 81.12 mm

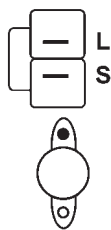

**110631** Alternator 14 V, 70 Amp

Replacing: LR170-738E, LR170-738C, LR170-738B, LR170-738, LR165-708E, LR165-708C, LR165-708B, LR165-708

Servicing: Nissan

Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 24.85 C: 82.20 mm



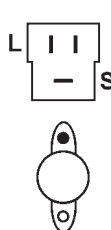
**110632** Alternator 14 V, 65 Amp

Replacing: LR165-707B, LR165-707

Servicing: Nissan

Grooves 4, Total length 161.00, Pulley SP, Fan IF

A: 38.00 B: 25.00 C: 81.00 mm



**110694** Alternator 14 V, 40 Amp

Replacing: LR140-408, LR140-402, LR140-130P, LR140-130B, LR140-130, LR140-119C, LR140-119

Servicing: Nissan

Grooves 1, Total length 226.00, Pulley P, Fan EF

A: 42.00 B: 13.10 C: 80.45 mm



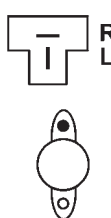
**110697** Alternator 14 V, 50 Amp

Replacing: LR150-55B, LR150-55, LR150-205B, LR150-205, LR150-201B, LR150-201, LR150-155B, LR150-155

Servicing: Chevrolet, Isuzu, Opel

Grooves 1, Total length 270.00, Pulley P, Fan EF

A: 48.85 B: 13.25 C: 99.40 mm



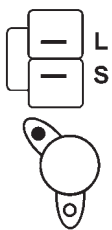
**110699** Alternator 14 V, 50 Amp

Replacing: LR155-414G, LR155-414F, LR155-414B, LR155-414, LR155-410G, LR155-410F, LR155-410BA, LR155-410B

Servicing: Ford, Mazda

Grooves 1, Total length 248.50, Pulley P, Fan EF

A: 50.90 B: 13.00 C: 80.25 mm



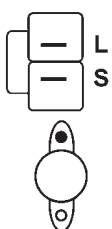
**110700** Alternator 14 V, 50 Amp

Replacing: LR150-443T, LR150-443S, LR150-428T, LR150-428S, LR150-428E, LR150-428C, LR150-428

Servicing: Nissan

Grooves 2, Total length 248.00, Pulley DP, Fan EF

A: 42.50 B: 13.00 C: 80.00 mm



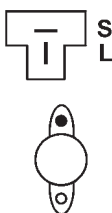
**110701** Alternator 14 V, 50 Amp

Replacing: LR150-435T, LR150-435S, LR150-435, LR150-430T, LR150-430S, LR150-430C, LR150-430

Servicing: Nissan

Grooves 2, Total length 258.00, Pulley DP, Fan EF

A: 41.80 B: 13.30 C: 80.50 mm



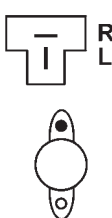
**110703** Alternator 14 V, 55 Amp

Replacing: LR155-23, LR150-64, LR150-200, LR150-199, LR150-151B, LR150-151, LR150-111

Servicing: Nissan, Subaru

Grooves 1, Total length 172.00, Pulley P, Fan EF

A: 42.66 B: 13.00 C: 80.25 mm



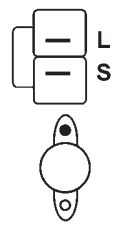
**110706** Alternator 14 V, 60 Amp

Replacing: LR160-450, LR160-441F, LR160-441, LR160-440G, LR160-440F, LR160-440, LR160-412S, LR160-412G

Servicing: Ford, Kia, Mazda

Grooves 1, Total length 247.00, Pulley P, Fan EF

A: 49.70 B: 13 C: 80.00 mm



**110707** Alternator 14 V, 60 Amp

Replacing: LR160-422B, LR160-422

Servicing: Nissan

Grooves 1, Total length 244.00, Pulley P, Fan EF

A: 42.00 B: 13.25 C: 80.50 mm



**111186** Alternator 14 V, 70 Amp

Replacing: LR170-427C, LR170-427BA, LR170-427B, LR170-427A, LR170-427, LR170-420B, LR170-420A, LR170-420

Servicing: Opel, Vauxhall

Grooves 1, Total length 215.00, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 78.20 mm



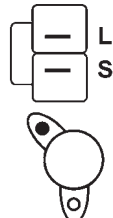
**111187** Alternator 14 V, 70 Amp

Replacing: LR170-411P, LR170-411F, LR170-411E, LR170-411D, LR170-411C, LR170-411B, LR170-411A, LR170-411

Servicing: Opel, Vauxhall

Grooves 1, Total length 219.00, Pulley P, Fan IF

A: 41.50 B: 13.15 C: 82.00 mm



**111264** Alternator 14 V, 80 Amp

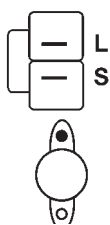
Replacing: LR180-737C, LR180-737B, LR180-736C, LR180-736B, LR180-736, LR180-725E, LR180-725C, LR180-725B

Servicing: Infiniti, Nissan

Grooves 6, Total length 159.00, Pulley SP, Fan IF

A: 37.85 B: 25.45 C: 81.15 mm

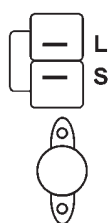




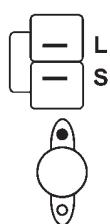
**111266** Alternator 14 V, 70 Amp  
 Replacing: LR170-739B, LR170-739, LR170-734B, LR170-734  
 Servicing: Nissan  
 Grooves 1, Total length 166.00, Pulley P, Fan IF  
 A: 42.45 B: 12.50 C: 82.45 mm



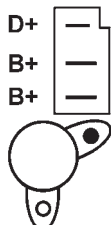
**111267** Alternator 14 V, 50 Amp  
 Replacing: LR150-78E, LR150-78C, LR150-78B, LR150-78, LR150-453B, LR150-453, LR150-449E, LR150-449C  
 Servicing: Isuzu, Opel, Vauxhall  
 Grooves 1, Total length 238.00, Pulley P, Fan IF  
 A: 48.00 B: 13.00 C: 81.50 mm



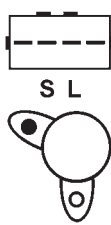
**111294** Alternator 14 V, 70 Amp  
 Replacing: LR170-504C, LR170-504B, LR170-504, LR170-502Q, LR170-502P, LR170-502C, LR170-502B, LR170-502  
 Servicing: Nissan  
 Grooves 1, Total length 246.00, Pulley P, Fan EF  
 A: 41.65 B: 13.20 C: 80.50 mm



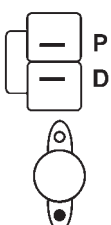
**111316** Alternator 14 V, 60 Amp  
 Replacing: LR160-437T, LR160-437S, LR160-437, LR160-436T, LR160-436S, LR160-436, LR160-427T, LR160-427S  
 Servicing: Nissan  
 Grooves 2, Total length 248.75, Pulley DP, Fan EF  
 A: 42.00 B: 14.00 C: 81.15 mm



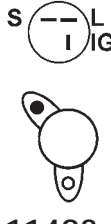
**111364** Alternator 14 V, 55 Amp  
 Replacing: LR150-189  
 Servicing: Ford, Rover  
 Terminal W, Grooves 1, Total length 166.00, Pulley P, Fan EF  
 A: 35.50 B: 12.50 C: 81.00 mm



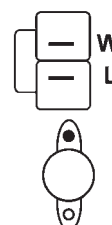
**111381** Alternator 14 V, 110 Amp  
 Replacing: LR1110-723E, LR1110-723C, LR1110-723B, LR1110-723, LR1110-720, LR1110-710F, LR1110-710E  
 Servicing: Infiniti, Nissan  
 Grooves 6, Total length 183.50, Pulley SP, Fan IF  
 A: 38.40 B: 13.25 C: 80.50 mm



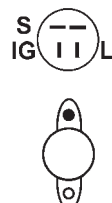
**111384** Alternator 14 V, 70 Amp  
 Replacing: LR170-758  
 Servicing: Kia, Mazda  
 Grooves 4, Total length 172.00, Pulley SP, Fan IF  
*ECU controlled.*  
 A: 37.65 B: 13.15 C: 67.35 mm



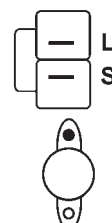
**111493** Alternator 28 V, 35 Amp  
 Replacing: LR225-409E, LR225-409B, LR225-409, LR225-408E, LR225-408C, LR225-408B, LR225-408  
 Servicing: Isuzu  
 Grooves 1, Total length 236.00, Pulley P, Fan EF  
 A: 45.50 B: 13.50 C: 80.70 mm



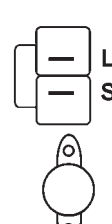
**111515** Alternator 14 V, 70 Amp  
 Replacing: LR170-511B, LR170-511A, LR170-511, LR170-505E, LR170-505D, LR170-505C, LR170-505B, LR170-505A  
 Servicing: AC, Opel, Vauxhall  
 Grooves 1, Total length 215.00, Pulley P, Fan IF  
 A: 42.50 B: 13.00 C: 78.50 mm



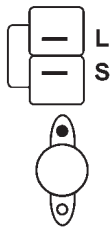
**111611** Alternator 14 V, 70 Amp  
 Replacing: LR170-732C, LR170-732B, LR170-732  
 Servicing: Subaru  
 Grooves 5, Total length 158.50, Pulley SP, Fan IF  
 A: 46.20 B: 13.00 C: 81.30 mm



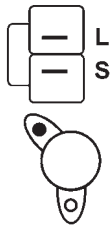
**111614** Alternator 28 V, 35 Amp  
 Replacing: LR235-405T, LR235-405S, LR235-405, LR235-404T, LR235-404S, LR235-404C, LR235-404, LR235-402  
 Servicing: Nissan  
 Grooves 2, Total length 249.00, Pulley DP, Fan EF  
 A: 42.00 B: 13.50 C: 80.50 mm



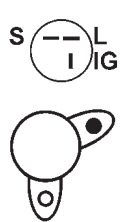
**111692#** Alternator 14 V, 70 Amp  
 Replacing: LR170-421B, LR170-421, LR170-404E, LR170-404C, LR170-404B, LR170-404  
 Servicing: Nissan  
 Grooves 1, Total length 235.00, Pulley P, Fan EF  
 A: 46.00 B: 13.00 C: 80.50 mm



**111704** Alternator 14 V, 70 Amp  
 Replacing: LR170-750C, LR170-750B, LR170-750, LR170-748B, LR170-748, LR170-746M, LR170-746K, LR170-746J  
 Servicing: Nissan  
 Grooves 4, Total length 175.00, Pulley SP, Fan IF  
 A: 38.00 B: 13.00 C: 81.00 mm



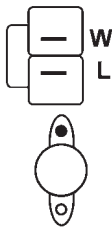
**111726** Alternator 14 V, 80 Amp  
 Replacing: LR180-741H, LR180-741C, LR180-741B, LR180-741  
 Servicing: Nissan  
 Grooves 6, Total length 167.50, Pulley SP, Fan IF  
 A: 37.50 B: 25.00 C: 81.00 mm



**111767** Alternator 14 V, 80 Amp  
 Replacing: LR180-504, LR180-501C, LR180-501B, LR180-501  
 Servicing: Isuzu, Opel, Vauxhall  
 Grooves 1, Total length 245.00, Pulley P, Fan EF  
 A: 49.00 B: 13.10 C: 82.20 mm



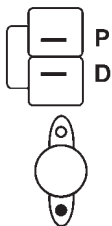
**111803** Alternator 14 V, 60 Amp  
 Replacing: S114-806A  
 Servicing: Renault  
 Grooves 1, Total length 173.50, Pulley P, Fan EF  
 A: 50.50 B: 26.00 mm



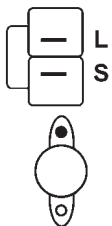
**111831** Alternator 14 V, 100 Amp  
 Replacing: LR1100-501B, LR1100-501  
 Servicing: Opel  
 Terminal W, Grooves 1,  
 Total length 213.00, Pulley P, Fan IF  
 A: 42.00 B: 13.00 C: 77.00 mm



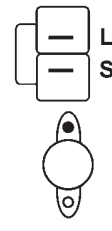
**112002** Alternator 14 V, 120 Amp  
 Replacing: LR1120-701  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Terminal W, Total length 180.00,  
 Pulley w/o, Fan IF  
*Free wheel pulley: HC-CARGO 230293. Washer Bosch: HC-CARGO 139931. Washer hitachi: HC-CARGO 133948. As HC-CARGO 114797, but w/o pulley.*  
 Alternative no.: 115483   
 B: 14.50 C: 61.00 mm



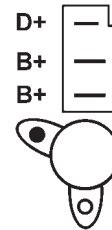
**112067** Alternator 14 V, 80 Amp  
 Replacing: LR180-766  
 Servicing: Mazda  
 Grooves 4, Total length 163.00,  
 Pulley SP, Fan IF  
 A: 39.00 B: 13.50 C: 67.00 mm



**112086** Alternator 14 V, 60 Amp  
 Replacing: LR150-425B, LR150-425  
 Servicing: Audi, Ford, Nissan  
 Grooves 1, Total length 247.00, Pulley P, Fan EF  
 A: 42.00 B: 13.10 C: 80.40 mm



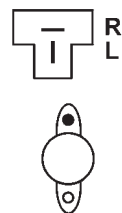
**112093** Alternator 14 V, 70 Amp  
 Replacing: LR170-413, LR170-412T, LR170-412S, LR170-412, LR170-408T, LR170-408S, LR170-408C, LR170-408B  
 Servicing: Nissan  
 Grooves 2, Total length 240.00,  
 Pulley DP, Fan EF  
 A: 41.50 B: 13.00 C: 80.00 mm



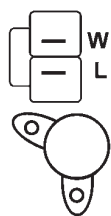
**112112** Alternator 14 V, 70 Amp  
 Replacing: S13-41C  
 Servicing: Perkins, Sabre, Yanmar  
 Terminal W, Grooves 1,  
 Total length 170.50, Pulley P, Fan EF,  
 Insulated return  
 A: 45.00 B: 11.50 C: 82.50 mm



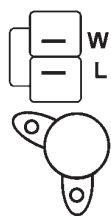
**112228** Alternator 14 V, 60 Amp  
 Replacing: LR160-446E, LR160-446C, LR160-446B, LR160-446  
 Servicing: Isuzu, Opel, Vauxhall  
 Grooves 1, Total length 242.50, Pulley P, Fan EF  
 A: 48.00 B: 13.00 C: 80.50 mm



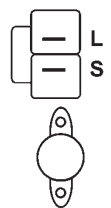
**112270** Alternator 14 V, 35 Amp  
 Replacing: LR135-95B, LR135-95, LR135-91, LR135-86F, LR135-86C, LR135-86B, LR135-86, LR135-74B, LR135-74  
 Servicing: Mazda  
 Terminal W, Grooves 1,  
 Total length 168.00, Pulley P, Fan EF  
 A: 41.85 B: 13.50 C: 81.65 mm



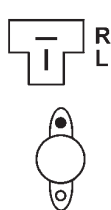
**112271** Alternator 14 V, 100 Amp  
 Replacing: LR1100-505E, LR1100-505D, LR1100-505C, LR1100-505B, LR1100-505A, LR1100-505, LR1100-504F  
 Servicing: Honda, Opel, Vauxhall  
 Terminal W, Grooves 6,  
 Total length 223.00, Pulley SP, Fan IF  
 A: 36.00 B: 12.90 C: 66.10 mm



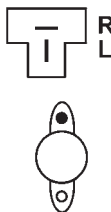
**112272** Alternator 14 V, 70 Amp  
 Replacing: LR170-509H, LR170-509G, LR170-509F, LR170-509E, LR170-509D, LR170-509C, LR170-509B, LR170-509A  
 Servicing: Opel, Vauxhall  
 Terminal W, Grooves 6,  
 Total length 225.00, Pulley SP, Fan IF  
 A: 36.00 B: 13.50 C: 66.30 mm



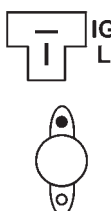
**112351** Alternator 14 V, 90 Amp  
 Replacing: LR190-734H, LR190-734G, LR190-734F, LR190-734E, LR190-734D, LR190-734C, LR190-734B, LR190-734A  
 Servicing: Nissan  
 Grooves 1, Total length 171.00, Pulley P, Fan IF  
 A: 42.50 B: 13.00 C: 81.00 mm



**112375** Alternator 14 V, 80 Amp  
 Manufacturer: Hitachi  
 Replacing: LR180-03C, LR180-03B, LR180-03A, LR180-03  
 Servicing: Yanmar  
 Terminal W, Grooves 1, Total length 167.00,  
 Pulley P, Fan EF, Insulated return  
 A: 41.50 B: 13.15 C: 80.30 mm



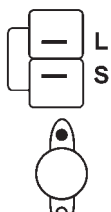
**112477** Alternator 28 V, 25 Amp  
 Replacing: LR225-88  
 Servicing: Mercury  
 Total length 185.00, Pulley w/o, Fan EF  
 B: 13.00 C: 84.00 mm



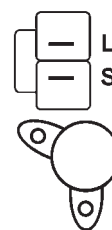
**112671** Alternator 14 V, 60 Amp  
 Replacing: LR160-735B  
 Servicing: Yanmar  
 Grooves 1, Total length 168.00, Pulley P, Fan IF  
 A: 45.00 B: 13.00 C: 81.65 mm



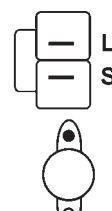
**112673** Alternator 14 V, 70 Amp  
 Replacing: LR170-767B, LR170-760, LR160-734B, LR160-734  
 Servicing: Isuzu, Opel  
 Grooves 2, Total length 167.50,  
 Pulley DP, Fan IF  
 A: 44.50 B: 13.00 C: 81.40 mm



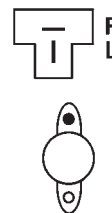
**112970** Alternator 14 V, 70 Amp  
 Replacing: LR170-701E, LR170-701B, LR170-701  
 Servicing: Nissan  
 Grooves 1, Total length 163.00, Pulley P, Fan IF  
 A: 42.00 B: 13.00 C: 81.50 mm



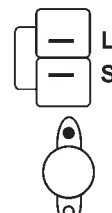
**113316** Alternator 14 V, 110 Amp  
 Replacing: LR1110-717B, LR1110-717, LR1110-713V, LR1110-713C, LR1110-713B, LR1110-713  
 Servicing: Nissan  
 Grooves 6, Total length 184.00,  
 Pulley SP, Fan IF  
 A: 33.00 B: 12.95 C: 59.20 mm



**113317** Alternator 14 V, 80 Amp  
 Replacing: LR180-769B, LR180-769, LR180-768, LR180-762C, LR180-762B, LR180-762  
 Servicing: Nissan  
 Grooves 6, Total length 180.50,  
 Pulley SP, Fan IF  
 A: 38.20 B: 13.00 C: 80.90 mm

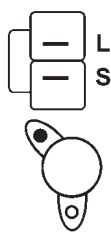


**113347** Alternator 14 V, 20 Amp  
 Replacing: LR120-23  
 Servicing: Bobcat, Isuzu  
 Grooves 1, Total length 162.00, Pulley P, Fan EF  
 A: 42.50 B: 14.50 C: 80.50 mm

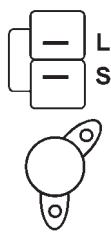


**113372**<sup>#</sup> Alternator 14 V, 100 Amp  
 Replacing: LR1100-722  
 Servicing: Nissan  
 Grooves 6, Total length 174.00,  
 Pulley SP, Fan IF  
 A: 38.50 B: 13.00 C: 81.50 mm

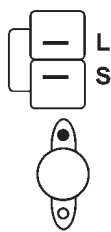




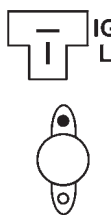
**113373#** Alternator 14 V, 100 Amp  
 Replacing: LR1100-709C, LR1100-709B, LR1100-709  
 Servicing: Nissan  
 Grooves 6, Total length 170.00,  
 Pulley SP, Fan IF  
 A: 35.75 B: 25.20 C: 81.10 mm



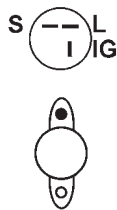
**113374#** Alternator 14 V, 90 Amp  
 Replacing: LR190-729B, LR190-729  
 Servicing: Nissan  
 Grooves 6, Total length 177.00,  
 Pulley SP, Fan IF  
 A: 39.00 B: 13.70 C: 81.60 mm



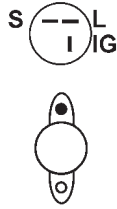
**113383** Alternator 14 V, 60 Amp  
 Replacing: LR160-728F, LR160-728E, LR160-728C, LR160-728B, LR160-728  
 Servicing: Nissan  
 Grooves 2, Total length 181.00,  
 Pulley DP, Fan IF  
 A: 42.00 B: 12.80 C: 80.90 mm



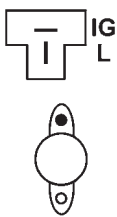
**113401** Alternator 14 V, 40 Amp  
 Replacing: LR140-727, LR140-723B, LR140-721E, LR140-721D, LR140-721C, LR140-721B, LR140-721, LR140-719  
 Servicing: John Deere, Kubota, Yanmar  
 Terminal W, Grooves 1,  
 Total length 142.00, Pulley P, Fan IF  
 A: 41.50 B: 12.00 C: 67.20 mm



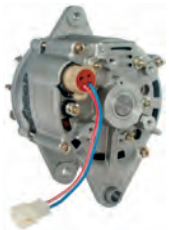
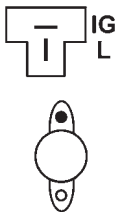
**113412** Alternator 14 V, 70 Amp  
 Replacing: LR170-410, LR170-401  
 Servicing: Isuzu  
 Grooves 2, Total length 268.00,  
 Pulley DP, Fan EF  
 A: 44.75 B: 13.45 C: 81.80 mm



**113413** Alternator 14 V, 70 Amp  
 Replacing: LR170-418C, LR170-418B, LR170-418  
 Servicing: Chevrolet, Isuzu  
 Grooves 2, Total length 271.00,  
 Pulley DP, Fan EF  
 A: 47.30 B: 13.75 C: 81.75 mm



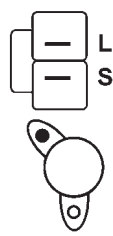
**113416** Alternator 28 V, 20 Amp  
 Replacing: LR220-26  
 Servicing: Isuzu  
 Grooves 1, Total length 175.00, Pulley P,  
 Fan EF  
 A: 41.60 B: 13.60 C: 81.60 mm



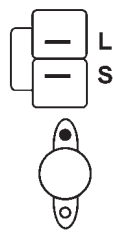
**113418** Alternator 28 V, 25 Amp  
 Replacing: LR225-84T, LR225-84  
 Servicing: Nissan  
 Grooves 2, Total length 185.00,  
 Pulley DP, Fan EF  
 A: 42.85 B: 13.90 C: 81.40 mm



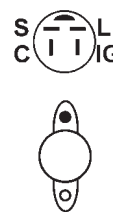
**113420** Alternator 14 V, 110 Amp  
 Replacing: LR1110-712  
 Servicing: Infiniti, Nissan  
 Grooves 6, Total length 178.50,  
 Pulley SP, Fan IF  
 A: 36.35 B: 12.80 C: 81.80 mm



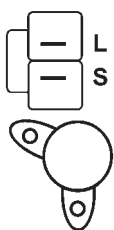
**113439#** Alternator 14 V, 90 Amp  
 Replacing: LR190-747  
 Servicing: Nissan  
 Grooves 6, Total length 181.00,  
 Pulley SP, Fan IF  
 A: 38.30 B: 25.00 C: 81.00 mm



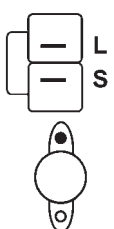
**113440** Alternator 14 V, 100 Amp  
 Replacing: LR1100-724C, LR1100-724B, LR1100-724  
 Servicing: Nissan  
 Grooves 1, Total length 166.00, Pulley P,  
 Fan IF  
 A: 41.50 B: 13.20 C: 80.90 mm



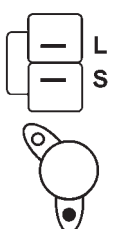
**113563** Alternator 14 V, 90 Amp  
 Replacing: LR190-743  
 Servicing: Honda, Isuzu  
 Grooves 6, Total length 176.50,  
 Pulley SP, Fan IF  
 A: 90.40 B: 56.55 mm



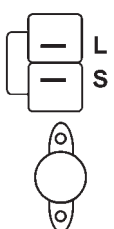
**113697** Alternator 14 V, 65 Amp  
 Replacing: LR170-768, LR165-714  
 Servicing: Nissan  
 Grooves 6, Total length 158.00,  
 Pulley SP, Fan EF  
 A: 38.00 B: 24.50 C: 66.50 mm



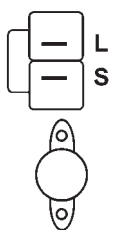
**113698** Alternator 14 V, 90 Amp  
 Replacing: LR190-750B, LR190-750  
 Servicing: Isuzu, Opel  
 Grooves 2, Total length 185.30,  
 Pulley DP, Fan IF  
 A: 45.00 B: 13.00 C: 81.00 mm



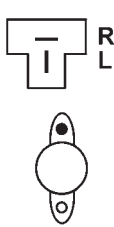
**113785** Alternator 14 V, 80 Amp  
 Replacing: LR190-731B, LR190-731  
 Servicing: Mazda  
 Grooves 2, Total length 182.00,  
 Pulley DP, Fan IF  
 A: 41.50 B: 12.80 C: 64.00 mm



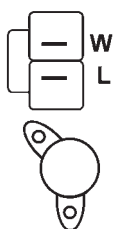
**113787** Alternator 14 V, 90 Amp  
 Replacing: LR190-770C, LR190-752H, LR190-752C, LR190-752B, LR190-752  
 Servicing: Nissan  
 Grooves 7, Total length 191.00,  
 Pulley SP/FW, Fan IF  
 A: 37.50 B: 13.00 C: 81.00 mm



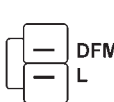
**113788** Alternator 14 V, 80 Amp  
 Replacing: LR180-749E, LR180-749C, LR180-749B, LR180-749  
 Servicing: Nissan  
 Grooves 1, Total length 170.00, Pulley P,  
 Fan IF  
 A: 42.00 B: 12.80 C: 80.30 mm



**113793** Alternator 14 V, 55 Amp  
 Replacing: LR155-29, LR155-20B, LR155-20  
 Servicing: Yanmar  
 Grooves 1, Total length 184.00, Pulley P,  
 Fan EF, Insulated return  
 A: 42.00 B: 13.00 C: 80.00 mm



**113941** Alternator 14 V, 100 Amp  
 Replacing: LR1100-503F, LR1100-503E, LR1100-503D, LR1100-503C, LR1100-503B, LR1100-503A, LR1100-503  
 Servicing: Opel, Vauxhall  
 Terminal W, Grooves 6,  
 Total length 224.00, Pulley SP/FW, Fan IF  
 A: 35.50 B: 13.00 C: 66.50 mm



**113956** Alternator 14 V, 100 Amp  
 Replacing: LR1100-508F, LR1100-508E, LR1100-508D, LR1100-508C, LR1100-508B, LR1100-508A, LR1100-508  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 233.00,  
 Pulley SP/FW, Fan IF  
 A: 35.30 B: 13.00 C: 65.50 mm



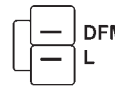
**113993** Alternator 14 V, 135 Amp  
 Replacing: LR1130-702C, LR1130-702B, LR1130-702  
 Servicing: Nissan, Opel, Renault, Renault V.I., Vauxhall  
 Grooves 7, Total length 195.00,  
 Pulley SP/FW, Fan IF  
 A: 38.50 B: 13.00 C: 81.00 mm



**113997** Alternator 14 V, 40 Amp  
 Replacing: LR140-708C, LR140-708, LR140-707  
 Servicing: Honda  
 Fan IF  
 B: 14.80 mm



**114014** Alternator 28 V, 60 Amp  
 Replacing: LR260-504B, LR250-508C, LR250-508B, LR250-508  
 Servicing: Isuzu  
 Grooves 3, Total length 291.00,  
 Pulley Triple Pulley, Fan EF  
 A: 43.00 B: 17.00 C: 78.00 mm



**114121** Alternator 14 V, 110 Amp  
 Replacing: LR1110-503F, LR1110-503E, LR1110-503D, LR1110-503C, LR1110-503B, LR1110-503A, LR1110-503  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 220.00,  
 Pulley SP/FW, Fan IF  
 A: 35.00 B: 12.60 C: 66.50 mm



**114209** Alternator 14 V, 60 Amp  
 Replacing: LR160-743  
 Servicing: Komatsu, Yanmar  
 Terminal W, Grooves 1,  
 Total length 167.50, Pulley P, Fan IF  
 A: 42.00 B: 13.20 C: 80.70 mm



**114262** Alternator 14 V, 80 Amp  
 Replacing: LR180-772, LR180-763  
 Servicing: Komatsu  
 Grooves 1, Total length 172.00, Pulley P  
 A: 46.00 B: 13.00 C: 80.00 mm



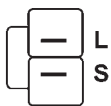
**114301** Alternator 14 V, 150 Amp  
 Replacing: LR1150-706B, LR1150-706  
 Servicing: Renault  
 Grooves 6, Total length 166.00,  
 Pulley SP, Fan IF  
 A: 39.00 B: 13.00 C: 82.50 mm



**114366** Alternator 28 V, 40 Amp  
 Replacing: LR240-405  
 Servicing: Isuzu  
 Grooves 1, Total length 249.70, Pulley P  
 A: 44.00 B: 13.00 C: 79.00 mm



**114368** Alternator 28 V, 25 Amp  
 Replacing: LR225-415B  
 Servicing: Isuzu  
 Grooves 1, Pulley P  
 A: 33.60 B: 13.14 C: 79.90 mm



**114370** Alternator 28 V, 35 Amp  
 Replacing: LR235-403T  
 Servicing: Nissan  
 Grooves 2, Total length 239.70,  
 Pulley DP  
 A: 28.70 B: 13.00 C: 79.00 mm



**114373** Alternator 14 V, 80 Amp  
 Replacing: LR180-511B  
 Servicing: Isuzu  
 Grooves 1, Total length 249.00, Pulley P  
 A: 49.00 B: 13.00 C: 84.50 mm



**114426** Alternator 28 V, 40 Amp  
 Replacing: LR240-401  
 Servicing: Isuzu  
 Grooves 2, Total length 249.70,  
 Pulley DP, Fan EF  
 A: 29.50 B: 13.00 C: 78.00 mm



**114427** Alternator 14 V, 100 Amp  
 Replacing: LR180-508B, LR180-508  
 Servicing: Isuzu  
 Grooves 1, Total length 241.00, Pulley P,  
 Fan EF  
 A: 48.50 B: 13.15 C: 84.80 mm



**114428** Alternator 14 V, 100 Amp  
 Replacing: LR180-512T  
 Servicing: Isuzu  
 Grooves 1, Total length 240.00, Pulley P,  
 Fan EF  
 A: 47.00 B: 13.10 C: 84.65 mm

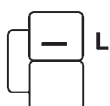


**114458** Alternator 14 V, 60 Amp  
 Replacing: LR160-503E, LR160-503  
 Servicing: Isuzu  
 Grooves 1, Total length 262.00, Pulley P,  
 Fan IF  
 A: 50.00 B: 13.50 C: 83.50 mm

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**114672\*** Alternator 14 V, 60 Amp  
 Replacing: LR160-741  
 Grooves 1, Pulley P, Fan IF





**114782** Alternator 28 V, 50 Amp  
 Replacing: LR250-517  
 Servicing: Isuzu  
 Grooves 3, Pulley SP  
 A: 42.00 B: 17.00 C: 78.00 mm



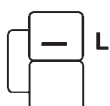
**114797** Alternator 14 V, 120 Amp  
 Replacing: LR1120-701  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Grooves 6, Pulley SP/FW, Fan IF  
 As HC-CARGO 112002, but w/ pulley.  
 Alternative no.: 115483 , 112002  
 A: 39.00 B: 14.50 C: 60.50 mm



**114802** Alternator 14 V, 60 Amp  
 Replacing: LR160-502E, LR160-502C, LR160-502B, LR160-502  
 Servicing: Isuzu  
 Grooves 1, Total length 257.00, Pulley P, Fan IF  
 A: 49.00 B: 13.00 C: 81.00 mm



**115432** Alternator 14 V, 50 Amp  
 Replacing: LR150-715A, LR150-715  
 Servicing: Bobcat, Gehl, Mustang, Takeuchi  
 Terminal W, Grooves 1,  
 Total length 152.00, Pulley P, Fan IF  
 A: 46.00 B: 12.00 C: 81.50 mm



**115630** Alternator 28 V, 50 Amp  
 Replacing: LR250-707C  
 Servicing: Isuzu  
 Grooves 7, Total length 205.00,  
 Pulley SP, Fan EF  
 A: 55.30 B: 17.50 C: 76.20 mm



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**116104\*** Alternator 24 V, 80 Amp  
 Replacing: LR280-708C, LR280-708B, LR280-708, LR280-707C, LR280-707B, LR280-707  
 Servicing: Nissan  
 Grooves 7, Pulley SP, Fan EF



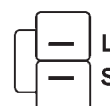
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**116105\*** Alternator 14 V, 90 Amp  
 Replacing: LR190-768, LR190-763  
 Servicing: Isuzu  
 Pulley SP, Fan IF



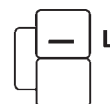
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**116106\*** Alternator 14 V, 70 Amp  
 Replacing: LR140-415B, LR140-415  
 Servicing: Nissan  
 Pulley P, Fan EF



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**116107\*** Alternator 14 V, 80 Amp  
 Replacing: LR180-513B, LR180-513  
 Servicing: Isuzu  
 Grooves 1, Pulley P, Fan IF



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**116108\*** Alternator 28 V, 50 Amp  
 Replacing: LR250-511B, LR250-511  
 Servicing: Isuzu  
 Grooves 3, Pulley Triple Pulley, Fan EF



**110105** Alternator 14 V, 55 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK3328, AAK1362, AAK1330, 11.201.929, 11.201.665, 11.201.592, 11.201.453  
 Servicing: John Deere  
 Grooves 1, Total length 178.00, Pulley P, Fan EF  
 A: 83.30 B: 56.00 mm



**110163** Alternator 28 V, 45 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK4591, 11.201.789  
 Servicing: Renault V.I.  
 Terminal W, Grooves 2,  
 Total length 172.50, Pulley DP, Fan EF  
 A: 48.75 B: 27.25 C: 67.50 mm



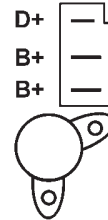
**110350** Alternator 14 V, 44 Amp  
 Replacing: AAK4128, 11.201.294  
 Servicing: Fiat, Lada  
 Grooves 1, Total length 182.00, Pulley P, Fan EF  
 A: 46.50 B: 19.50 C: 60.50 mm



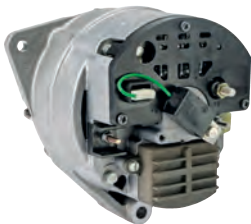
**110113** Alternator 28 V, 27 Amp  
 Replacing: AAK4179, AAK1309, AAK1229, AAK1213, AAK1205, AAK1153, AAK1125, 11.201.525, 11.201.360, 11.201.201  
 Servicing: Mercedes-Benz  
 Total length 165.00, Pulley w/o, Fan EF  
 B: 80.00 mm



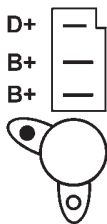
**110175** Alternator 28 V, 100 Amp  
 Replacing: AAT3312, 11.204.021  
 Servicing: Volvo Penta  
 Total length 249.00, Pulley w/o, Fan EF, Insulated return  
 Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.  
 B: 14.75 C: 103.00 mm



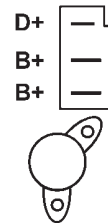
**110358** Alternator 14 V, 55 Amp  
 Replacing: AAK4141, AAK3548, AAK3525, AAK3520, AAK1157, AAK1152, 11.201.633, 11.201.632, 11.201.307  
 Servicing: Mercedes-Benz, Seat  
 Grooves 1, Total length 162.50, Pulley P, Fan EF  
 A: 77.50 B: 56.00 mm



**110117** Alternator 28 V, 35 Amp  
 Manufacturer: Valeo  
 Replacing: AAK1854, 11.209.447  
 Servicing: Iveco, Magirus-Deutz, Steyr, Various Agriculture Vehicles  
 Total length 183.50, Pulley w/o, Fan EF  
 B: 56.00 mm



**110178** Alternator 14 V, 36 Amp  
 Manufacturer: Lucas  
 Replacing: AAK4116, AAG1111, 11.201.272, 11.201.067  
 Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Rover  
 Total length 164.00, Pulley w/o, Fan EF  
 B: 10.00 C: 87.00 mm



**110360** Alternator 14 V, 45 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK3501, AAK1139, AAK1105, 11.201.601  
 Servicing: Audi, Deutz-Fahr, VW  
 Total length 154.00, Pulley w/o, Fan w/o  
 B: 56.00 mm



**110127** Alternator 14 V, 70 Amp  
 Replacing: AAK3802, AAK3333, AAK1375, 11.203.998, 11.201.938, 11.201.723  
 Servicing: Farymann, Volvo Penta  
 Terminal W, Grooves 1,  
 Total length 179.00, Pulley P, Fan EF, Insulated return  
 A: 79.00 B: 51.00 mm



**110348** Alternator 14 V, 55 Amp  
 Replacing: AAK4127, 11.201.385, 11.201.293  
 Servicing: Lada  
 Grooves 1, Total length 162.00, Pulley P, Fan EF  
 A: 45.00 B: 19.60 C: 63.00 mm



**110641** Alternator 14 V, 33 Amp  
 Replacing: AAG1328, AAG1315, AAG1311, AAG1301, 11.201.501, 11.201.372, 11.201.096, 11.201.027  
 Servicing: Bosch, BPM, Case, Claas, Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer, Lamborghini, Liebherr, Linde  
 Terminal W, Grooves 1,  
 Total length 162.00, Pulley P, Fan EF  
 A: 76.50 B: 56.00 mm



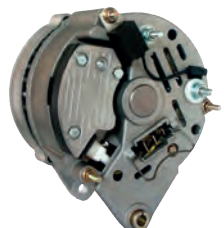
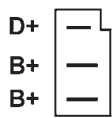
**110743** Alternator 14 V, 30 Amp  
 Replacing: AAG0702, 11.201.021  
 Servicing: Citroen  
 Grooves 1, Total length 155.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 130679.  
 A: 61.00 B: 40.00 mm



**110761<sup>#</sup>** Alternator 28 V, 35 Amp  
 Replacing: AAK3557, AAK1134, 11.201.635  
 Servicing: Deutz-Fahr, MAN, Mercedes-Benz  
 Terminal W, Total length 183.50,  
 Pulley w/o, Fan w/o  
 Fan: HC-CARGO 133875.  
 B: 80.00 mm



**110766** Alternator 28 V, 27 Amp  
 Replacing: AAK4509, AAK1352, AAK1204,  
 AAK1167, AAK1115, AAK1113, AAK1109,  
 11.201.574, 11.201.557, 11.201.186  
 Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco,  
 KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr  
 Terminal W, Total length 170.00,  
 Pulley w/o, Fan EF  
 B: 56.00 mm



**110770** Alternator 14 V, 55 Amp  
 Replacing: AAK4574, AAK4568, 11.201.728,  
 11.201.707  
 Servicing: Austin, LDV, Massey Ferguson, MG, Rover  
 Terminal W, Total length 166.00,  
 Pulley w/o, Fan w/o  
 B: 12.00 C: 82.00 mm



**110881** Alternator 14 V, 55 Amp  
 Replacing: AAK4349, AAK3818, AAK3579,  
 AAK1189, 11.204.050, 11.203.405,  
 11.201.512, 11.201.511, 11.201.478  
 Servicing: Deutz-Fahr, Fendt, Kramer, Marshall, Volvo  
 Terminal W, Grooves 2,  
 Total length 170.00, Pulley DP, Fan EF  
 A: 88.00 B: 56.00 mm



**110882** Alternator 14 V, 45 Amp  
 Replacing: AAK4162, AAK3197, 11.209.443,  
 11.201.336, 11.201.070  
 Servicing: Alfa Romeo, Fiat, Iveco,  
 Lamborghini, Same  
 Grooves 1, Total length 181.50, Pulley P,  
 Fan w/o  
 A: 47.00 B: 16.25 C: 63.00 mm



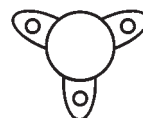
**110890** Alternator 14 V, 55 Amp  
 Replacing: AAK4140, AAK3560, AAK1135,  
 11.201.457, 11.201.306, 11.201.242, 11.201.112  
 Servicing: Alfa Romeo, Fiat, Iveco,  
 Lamborghini, Same  
 Grooves 1, Total length 169.00, Pulley P,  
 Fan w/o  
 A: 49.00 B: 17.00 C: 63.00 mm



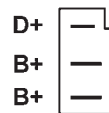
**110891** Alternator 14 V, 70 Amp  
 Replacing: AAK4526, 11.201.581  
 Servicing: Ford, Land Rover, MG  
 Terminal W, Total length 169.00,  
 Pulley w/o, Fan w/o  
 As HC-CARGO 114788, but w/o pulley.  
 B: 11.30 C: 83.00 mm



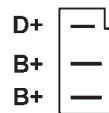
**110895** Alternator 28 V, 55 Amp  
 Replacing: AAN3106, AAK1367, AAK1347,  
 11.209.415, 11.201.705, 11.201.522  
 Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz,  
 Ssangyong  
 Terminal W, Total length 196.50,  
 Pulley w/o, Fan EF  
 B: 80.00 mm



**110906** Alternator 28 V, 30 Amp  
 Replacing: AAK1107, 11.201.050  
 Servicing: Mercedes-Benz  
 Terminal W, Total length 187.00,  
 Pulley w/o, Fan w/o  
 B: 80.00 mm

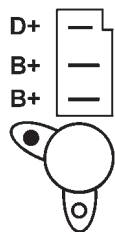


**110913** Alternator 14 V, 70 Amp  
 Replacing: AAK4157, AAK3514, AAK1183,  
 11.201.617, 11.201.331, 11.201.220  
 Servicing: Audi, VW  
 Terminal W, Pulley w/o, Fan w/o  
 B: 56.00 mm

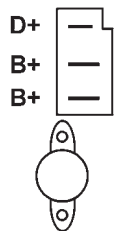


**110919** Alternator 14 V, 70 Amp  
 Replacing: AAK3544, AAK3543, 11.201.439,  
 11.201.438  
 Servicing: Audi, VW  
 Grooves 1, Total length 185.00, Pulley P,  
 Fan EF  
 A: 110.00 B: 56.00 mm





**110968** Alternator 14 V, 70 Amp  
 Replacing: AAK1333, AAK1133, 11.201.470  
 Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra  
 Grooves 1, Total length 167.00, Pulley P, Fan EF  
 Pulley distance is ok from 34.00 to 43.00 mm.  
 A: 34.00 B: 11.00 C: 82.00 mm



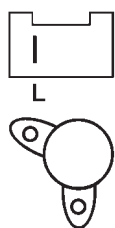
**110970** Alternator 14 V, 65 Amp  
 Manufacturer: Prestolite  
 Replacing: AAG1310, 11.201.095  
 Servicing: Massey Ferguson  
 Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 58.00 B: 27.10 mm



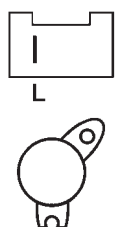
**111035** Alternator 14 V, 65 Amp  
 Replacing: AAK3538, AAK3529, AAK1175, AAK1172, AAK1171, AAK1163, AAK1123, AAG0403, 11.201.432, 11.201.405  
 Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava  
 Terminal W, Grooves 1, Total length 164.50, Pulley P, Fan EF  
 A: 52.00 B: 23.00 C: 74.00 mm



**111036** Alternator 14 V, 45 Amp  
 Replacing: AAK4580, AAK4177, 11.201.735, 11.201.358  
 Servicing: Autobianchi, Fiat, Lancia  
 Grooves 1, Pulley P, Fan EF  
 A: 56.80 B: 32.25 mm



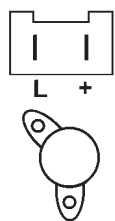
**111075** Alternator 14 V, 55 Amp  
 Replacing: AAK4104, 11.201.255  
 Servicing: Citroen, Peugeot, Talbot, Vauxhall  
 Grooves 1, Total length 161.50, Pulley P, Fan EF  
 A: 59.50 B: 40.00 mm



**111076** Alternator 14 V, 50 Amp  
 Replacing: AAK4189, AAK3528  
 Servicing: Citroen, Opel, Peugeot, Talbot  
 Grooves 4, Total length 163.50, Pulley SP, Fan EF  
 A: 46.35 B: 26.80 C: 66.00 mm



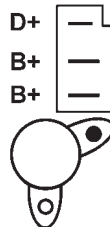
**111078** Alternator 14 V, 45 Amp  
 Replacing: AAK4167, AAK1128, 11.201.347  
 Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava  
 Grooves 1, Total length 169.00, Pulley P, Fan EF  
 A: 53.25 B: 23.50 mm



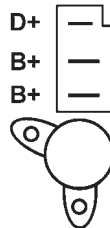
**111082** Alternator 14 V, 60 Amp  
 Replacing: AAK4544, AAK1170, 11.201.664, 11.201.198  
 Servicing: Renault  
 Grooves 1, Total length 178.25, Pulley P, Fan EF  
 A: 100.95 B: 56.00 mm



**111085** Alternator 14 V, 55 Amp  
 Replacing: AAK3573, 11.201.496, 11.201.203  
 Servicing: Volvo  
 Grooves 2, Total length 172.25, Pulley DP, Fan EF  
 A: 91.95 B: 71.00 mm



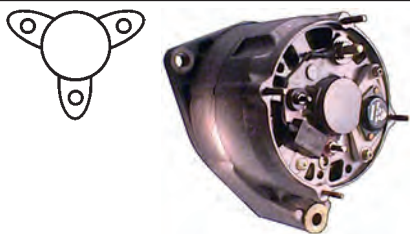
**111086** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK3587, 11.201.528  
 Servicing: Austin, Ford, Mercury, MG, Rover  
 Grooves 1, Total length 170.00, Pulley P, Fan IF  
 A: 34.60 B: 10.80 C: 81.00 mm



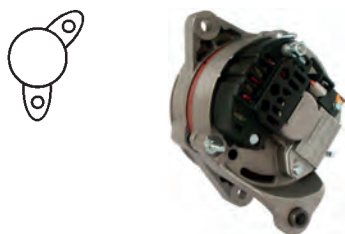
**111093** Alternator 14 V, 70 Amp  
 Replacing: AAK4578, AAK4571, 11.201.732, 11.201.713  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 183.50, Pulley SP, Fan EF  
 A: 92.00 B: 56.00 mm



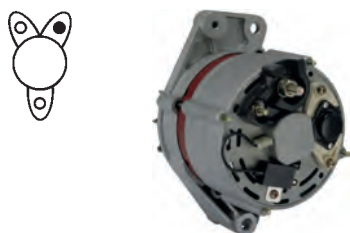
**111094** Alternator 14 V, 65 Amp  
 Replacing: AAK3542, 11.201.437  
 Servicing: Audi, VW  
 Terminal W, Grooves 1, Total length 187.25, Pulley P, Fan EF  
 A: 109.00 B: 56.00 mm



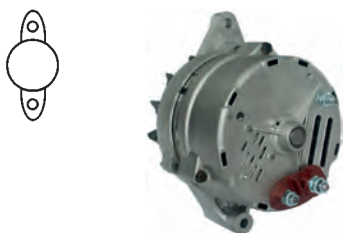
**111141** Alternator 14 V, 55 Amp  
 Replacing: AAK4549, AAK1301, AAK1130, 11.201.685, 11.201.102, 11.201.097  
 Servicing: MAN, Mercedes-Benz  
 Terminal W, Total length 167.70,  
 Pulley w/o, Fan w/o  
 B: 80.00 mm



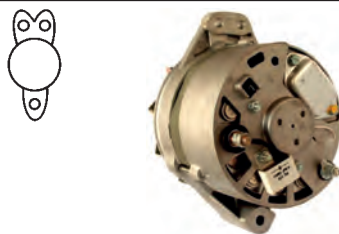
**111148** Alternator 14 V, 65 Amp  
 Replacing: AAK4527, AAK3530, AAK1173, 11.201.691, 11.201.582, 11.201.406, 11.201.205  
 Servicing: Autobianchi, Fiat, Lancia, Zastava  
 Grooves 1, Total length 165.50, Pulley P, Fan w/o  
 A: 52.25 B: 23.00 C: 73.00 mm



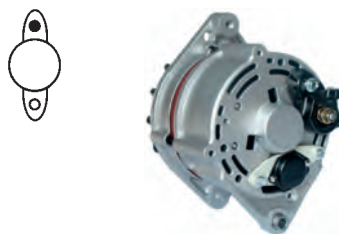
**111154** Alternator 14 V, 65 Amp  
 Replacing: AAK4106, 11.201.257  
 Servicing: Audi, Mercedes-Benz, Seat, VW  
 Terminal W, Grooves 1,  
 Total length 176.50, Pulley P, Fan EF  
 A: 87.50 B: 56.00 mm



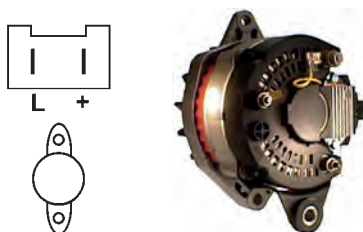
**111166** Alternator 14 V, 70 Amp  
 Replacing: AAK4528, AAK3133, 11.201.932, 11.201.583  
 Servicing: Albin, Bedford, Lancia, Opel, Vauxhall  
 Grooves 1, Total length 168.75, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm



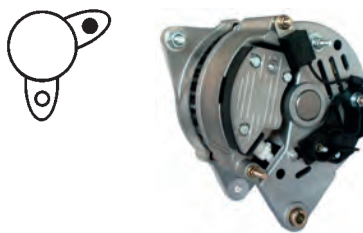
**111168** Alternator 14 V, 55 Amp  
 Replacing: AAK4133, AAK3129, 11.201.927, 11.201.299  
 Servicing: Ferrari, Opel, Vauxhall  
 Terminal W, Grooves 1,  
 Total length 169.00, Pulley P, Fan EF  
 A: 84.00 B: 56.00 mm



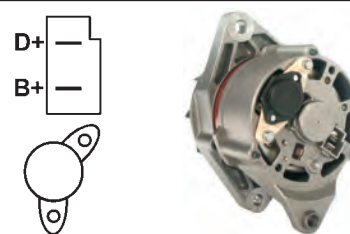
**111170** Alternator 14 V, 65 Amp  
 Replacing: AAK4582, 11.201.749  
 Servicing: Opel, Vauxhall  
 Grooves 1, Total length 171.55, Pulley P, Fan EF  
 A: 34.85 B: 10.80 C: 81.00 mm



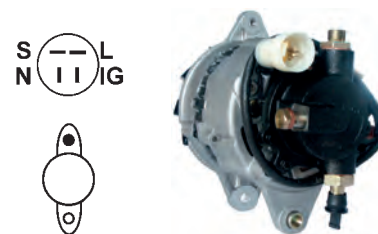
**111171** Alternator 14 V, 70 Amp  
 Replacing: AAK3565, 11.201.469  
 Servicing: Renault  
 Terminal W, Grooves 1,  
 Total length 157.50, Pulley P, Fan EF  
 A: 49.65 B: 27.00 C: 66.50 mm



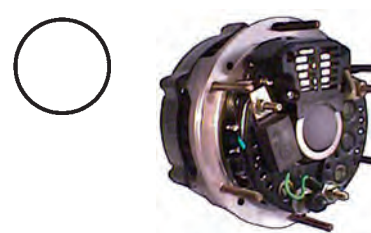
**111176** Alternator 14 V, 75 Amp  
 Replacing: AAK4564, AAK3122, AAK1339, 11.201.890, 11.201.824  
 Servicing: Ford, Land Rover, LDV, Rover  
 Terminal W, Total length 166.50,  
 Pulley w/o, Fan w/o  
 As HC-CARGO 114795, but w/o pulley.  
 B: 11.25 C: 81.65 mm



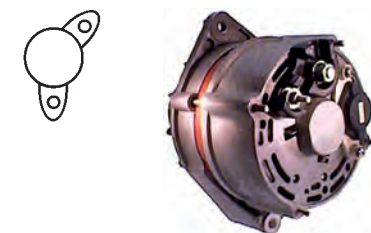
**111180** Alternator 14 V, 33 Amp  
 Replacing: AAG1130, AAG1104, AAG0402, 11.201.783, 11.201.037  
 Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava  
 Grooves 1, Pulley P, Fan EF  
 A: 49.00 B: 25.00 C: 74.00 mm



**111186** Alternator 14 V, 70 Amp  
 Replacing: AAK3161, AAK3142, 11.209.403, 11.209.402, 11.209.003  
 Servicing: Opel, Vauxhall  
 Grooves 1, Total length 215.00, Pulley P, Fan IF  
 A: 42.00 B: 13.00 C: 78.20 mm



**111226** Alternator 14 V, 55 Amp  
 Replacing: AAK2305, 11.201.853  
 Servicing: Hatz  
 Total length 162.50, Pulley w/o, Fan w/o mm

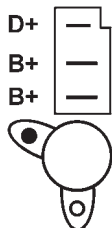


**111287** Alternator 14 V, 70 Amp  
 Replacing: AAK3588, AAK3510, AAK1179, AAK1178, 11.201.611, 11.201.529, 11.201.211, 11.201.210  
 Servicing: VW  
 Terminal W, Grooves 1,  
 Total length 190.00, Pulley P, Fan EF  
 A: 109.50 B: 56.00 mm





**111288** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK1199, AAK1140, 11.201.245, 11.201.122  
 Servicing: Seat, VW  
 Terminal W, Grooves 1,  
 Total length 168.00, Pulley P, Fan EF  
 A: 75.00 B: 56.00 mm



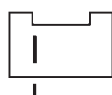
**111289** Alternator 14 V, 70 Amp  
 Replacing: AAK4524, AAK4520, AAK4519, AAK4513, AAK4135, AAK3590, AAK1358, AAK1114, 11.201.676, 11.201.579  
 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover  
 Terminal W, Grooves 1,  
 Total length 175.00, Pulley P, Fan EF  
 A: 35.00 B: 12.50 C: 80.00 mm



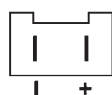
**111293** Alternator 14 V, 70 Amp  
 Replacing: AAK5302, 11.201.993  
 Servicing: Ford  
 Grooves 6, Total length 172.00,  
 Pulley SP, Fan IF  
 A: 33.00 B: 14.00 C: 80.00 mm



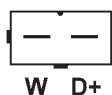
**111318** Alternator 14 V, 80 Amp  
 Replacing: AAK5332, 11.203.057  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 Grooves 6, Total length 174.00,  
 Pulley SP, Fan IF  
 A: 92.35 B: 56.00 mm



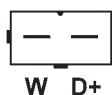
**111321** Alternator 14 V, 70 Amp  
 Replacing: AAK3583, 11.201.523  
 Servicing: Volvo  
 Grooves 6, Total length 166.00,  
 Pulley SP, Fan EF  
 A: 46.50 B: 27.00 C: 69.50 mm



**111325** Alternator 14 V, 70 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK4585, AAK4506, 11.201.765, 11.201.554  
 Servicing: Renault  
 Grooves 1, Total length 174.50, Pulley P,  
 Fan EF  
 A: 57.10 B: 27.15 C: 66.75 mm



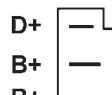
**111352** Alternator 14 V, 70 Amp  
 Replacing: AAK5169, 11.201.889  
 Servicing: Seat, Skoda, VW  
 Terminal W, Grooves 6,  
 Total length 190.50, Pulley SP, Fan IF  
 A: 39.45 B: 14.65 C: 59.80 mm



**111353** Alternator 14 V, 70 Amp  
 Replacing: AAK5380, 11.203.165  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Grooves 6, Total length 187.50,  
 Pulley SP, Fan IF  
 A: 39.00 B: 14.00 C: 60.00 mm



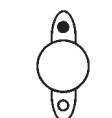
**111354** Alternator 14 V, 70 Amp  
 Replacing: AAK5319, AAK5127, 11.203.024, 11.201.744  
 Servicing: Mercedes-Benz  
 Terminal W, Grooves 6,  
 Total length 190.00, Pulley SP, Fan IF  
 A: 92.35 B: 56.00 mm



**111355** Alternator 14 V, 65 Amp  
 Replacing: AAK4598, AAK4523, AAK3369, AAK3312, 11.203.097, 11.201.876, 11.201.810, 11.201.578  
 Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra  
 Terminal W, Grooves 1,  
 Total length 163.50, Pulley P, Fan EF  
 A: 37.00 B: 11.50 C: 81.00 mm

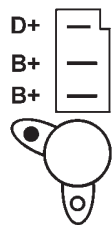


**111356** Alternator 14 V, 55 Amp  
 Replacing: AAK4532, 11.201.587  
 Servicing: Ford, Various Agriculture Vehicles  
 Terminal W, Grooves 3, Pulley SP, Fan EF  
 A: 43.00 B: 10.80 C: 81.00 mm

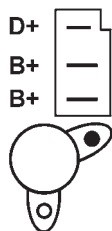


**111361** Alternator 14 V, 67 Amp  
 Replacing: AAK1373, 11.201.717  
 Servicing: Nissan  
 Terminal W, Grooves 4,  
 Total length 176.50, Pulley SP, Fan EF  
 A: 69.65 B: 25.00 C: 81.00 mm

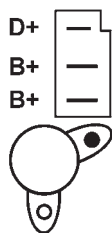




**111362** Alternator 14 V, 55 Amp  
 Replacing: AAK1329, AAK1325, 11.201.415, 11.201.400, 11.201.399  
 Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra  
 Terminal W, Grooves 1,  
 Total length 165.50, Pulley P, Fan EF  
 A: 34.50 B: 11.00 C: 81.00 mm



**111364** Alternator 14 V, 55 Amp  
 Replacing: AAK4567, AAK4139, AAK1388, 11.201.764, 11.201.716, 11.201.706, 11.201.305  
 Servicing: Ford, Rover  
 Terminal W, Grooves 1,  
 Total length 166.00, Pulley P, Fan EF  
 A: 35.50 B: 12.50 C: 81.00 mm



**111368** Alternator 14 V, 70 Amp  
 Replacing: AAK4599, AAK4575, 11.201.811, 11.201.729  
 Servicing: Ford  
 Terminal W, Grooves 1,  
 Total length 166.50, Pulley P, Fan EF  
 A: 34.90 B: 12.00 C: 82.60 mm



**111369** Alternator 14 V, 90 Amp  
 Replacing: AAK5501, AAK5305, 11.209.001, 11.203.004  
 Servicing: Mercedes-Benz, Various Agriculture Vehicles  
 Terminal W, Grooves 6,  
 Total length 189.50, Pulley SP, Fan IF  
 A: 92.00 B: 56.00 mm



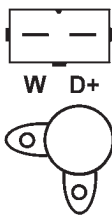
**111418** Alternator 14 V, 60 Amp  
 Replacing: AAK4530, 11.201.585  
 Servicing: Alfa Romeo, Fiat, Iveco  
 Grooves 1, Total length 165.50, Pulley P, Fan EF  
 Alternative no.: 115873 5★  
 A: 49.00 B: 17.00 C: 66.00 mm



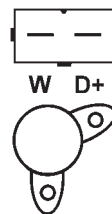
**111419** Alternator 28 V, 55 Amp  
 Replacing: AAK4507, 11.201.555  
 Servicing: Allis Chalmers, BENFRA, Fiat-Allis, Iveco, Laverda  
 Terminal W, Grooves 2,  
 Total length 188.00, Pulley DP, Fan EF  
 A: 50.00 B: 17.45 C: 63.00 mm



**111426** Alternator 14 V, 100 Amp  
 Replacing: AAK5535, AAK5513, 11.209.407, 11.209.020  
 Servicing: Isuzu, Opel, Vauxhall  
 Grooves 6, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 51.00 B: 33.75 C: 56.00 mm



**111477** Alternator 14 V, 90 Amp  
 Replacing: AAK5502, AAK5171, 11.209.002, 11.201.898  
 Servicing: Ford, Seat, Skoda, VW  
 Terminal W, Grooves 6,  
 Total length 187.00, Pulley SP, Fan IF  
 A: 39.50 B: 13.50 C: 59.00 mm



**111479** Alternator 14 V, 90 Amp  
 Replacing: AAK5198, 11.201.990  
 Servicing: Seat, VW  
 Terminal W, Grooves 6,  
 Total length 185.00, Pulley SP, Fan IF  
 A: 39.00 B: 14.00 C: 59.00 mm



**111514** Alternator 14 V, 100 Amp  
 Replacing: AAK5510, 11.209.011  
 Servicing: Opel, Saab, Vauxhall  
 Grooves 6, Total length 183.00,  
 Pulley SP, Fan IF  
 A: 52.00 B: 34.00 C: 56.00 mm



**111528** Alternator 28 V, 55 Amp  
 Replacing: AAK3332, AAK1369, 11.201.937, 11.201.710  
 Servicing: Volvo, Volvo BM, Volvo Penta  
 Terminal W, Total length 180.75,  
 Pulley w/o, Fan EF  
 B: 51.50 mm



**111620** 5★ Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK4562, AAK4158, 11.201.701  
 Servicing: Abarth, Alfa Romeo, Ferrari, Fiat, Lancia, Pininfarina, Various Agriculture Vehicles  
 Grooves 5, Total length 172.00,  
 Pulley SP, Fan EF  
 A: 47.75 B: 16.30 C: 63.00 mm



**111629** Alternator 28 V, 120 Amp  
 Replacing: AAT1303, 11.201.868  
 Servicing: MAN, Mercedes-Benz, Setra  
 Terminal W, Total length 310.50,  
 Pulley w/o, Fan EF  
 B- M8. Shaft 30 mm. Heavy duty type: HC-  
 CARGO 113589. 180 A.  
 B: 15.00 C: 180.00 mm



**111631** Alternator 28 V, 55 Amp  
 Replacing: AAK5717, AAK5517, 11.203.573,  
 11.203.215  
 Servicing: Volvo  
 Terminal W, Total length 185.00,  
 Pulley w/o, Fan EF  
 B: 14.10 C: 100.00 mm



**111649** Alternator 14 V, 33 Amp  
 Replacing: AAG1343, 11.201.784  
 Servicing: Claas, Eicher, John Deere,  
 Lamborghini, Same  
 Grooves 1, Total length 168.50, Pulley P,  
 Fan EF  
 A: 76.00 B: 56.00 mm



**111654** Alternator 14 V, 65 Amp  
 Replacing: AAK4557, AAK4160, AAK4150,  
 11.201.696, 11.201.334, 11.201.324  
 Servicing: Fiat, Lancia  
 Total length 158.00, Pulley w/o, Fan EF  
 B: 16.00 C: 64.00 mm



**111662** Alternator 14 V, 33 Amp  
 Replacing: AAG1341, AAG1340, AAG1338,  
 AAG1314, 11.201.507, 11.201.502,  
 11.201.500, 11.201.115  
 Servicing: Agrifull, Arona, Case, Ferrari,  
 Galdoni, Lombardini  
 Terminal W, Total length 156.00,  
 Pulley w/o, Fan EF  
 B: 56.00 mm



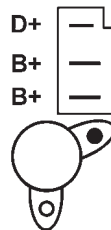
**111686** Alternator 14 V, 65 Amp  
 Replacing: AAK4543, AAK4176, AAK4155,  
 AAK4154, AAK1228, 11.201.662, 11.201.514,  
 11.201.357, 11.201.329  
 Servicing: Alfa Romeo, Fiat, Iveco,  
 Lamborghini, Lancia, Laverda  
 Grooves 1, Total length 166.50, Pulley P,  
 Fan EF  
 A: 49.50 B: 17.00 C: 64.50 mm



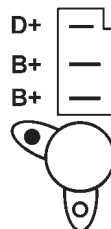
**111687** Alternator 14 V, 55 Amp  
 Replacing: AAK4174, 11.201.355  
 Servicing: Fiat  
 Grooves 1, Total length 174.00, Pulley P,  
 Fan EF  
 A: 53.00 B: 23.50 mm



**111732** Alternator 14 V, 120 Amp  
 Replacing: AAN5115, 11.209.012  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 182.00,  
 Pulley SP, Fan IF  
 A: 51.00 B: 34.00 C: 56.00 mm



**111738** Alternator 14 V, 65 Amp  
 Replacing: AAK4522, AAK4521, 11.201.577,  
 11.201.576  
 Servicing: Rover  
 Terminal W, Total length 168.00,  
 Pulley w/o, Fan w/o  
 B: 11.00 C: 82.00 mm



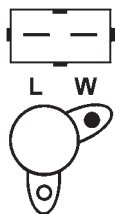
**111740** Alternator 14 V, 70 Amp  
 Replacing: AAK1344, AAK1343, 11.201.504,  
 11.201.503  
 Servicing: Ford  
 Terminal BS/W, Grooves 1,  
 Total length 167.00, Pulley P, Fan EF  
 w/ battery sensor terminal.  
 A: 35.50 B: 11.30 C: 82.70 mm



**111746** Alternator 28 V, 80 Amp  
 Replacing: AAN5171, 11.203.275  
 Servicing: Volvo  
 Terminal W, Total length 196.00,  
 Pulley w/o, Fan EF  
 B: 14.50 C: 112.40 mm



**111795** Alternator 14 V, 80 Amp  
 Replacing: AAK5710, 11.209.431  
 Servicing: Ford  
 Grooves 6, Total length 164.00,  
 Pulley SP, Fan IF  
 A: 12.50 B: 72.00 C: 53.00 mm



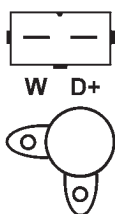
**111797** Alternator 14 V, 95 Amp  
 Replacing: AAK5573, AAK5512, 11.209.410, 11.209.017  
 Servicing: Ford  
 Terminal W, Grooves 4,  
 Total length 243.00, Pulley SP, Fan IF  
 A: 34.00 B: 13.30 C: 81.00 mm



**111800** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK4131, AAK3128, 11.201.926, 11.201.297  
 Terminal W, Grooves 1,  
 Total length 171.00, Pulley P, Fan EF  
 A: 85.00 B: 56.00 mm



**111811** Alternator 14 V, 80 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK5102, 11.201.440  
 Servicing: Lada  
 Grooves 6, Total length 187.00,  
 Pulley SP, Fan IF  
 A: 92.00 B: 56.00 mm



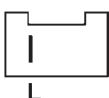
**111820** Alternator 14 V, 90 Amp  
 Replacing: AAK5351, 11.203.080  
 Servicing: Audi, Skoda, VW  
 Terminal W, Grooves 6,  
 Total length 185.40, Pulley SP, Fan IF  
 A: 39.50 B: 14.00 C: 59.00 mm



**111833** Alternator 28 V, 140 Amp  
 Replacing: AAT1339, AAT1338, AAT1321, AAT1308, AAT1306, AAT1302, 11.203.241, 11.203.240, 11.203.139  
 Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles  
 Terminal W, Total length 302.00,  
 Pulley w/o, Fan EF  
*w/ bushing in rear brackethole. B- M8. Shaft 30 mm. Heavy duty type: HC-CARGO 113589. 180 A.*  
 Alternative no.: 116063  
 B: 15.70 C: 182.00 mm



**111834** Alternator 28 V, 55 Amp  
 Replacing: AAN3114, AAK1398, 11.209.434, 11.201.801  
 Servicing: Scania  
 Terminal W, Total length 180.00,  
 Pulley w/o, Fan EF  
*Heavy duty type: HC-CARGO 112182 (80 A).*  
 B: 80.00 mm



**111841** Alternator 14 V, 50 Amp  
 Replacing: AAK3515, AAK1111, 11.201.624, 11.201.060  
 Servicing: Citroen, Peugeot  
 Grooves 1, Total length 167.00, Pulley P, Fan EF  
 A: 95.50 B: 56.00 mm



**111842** Alternator 28 V, 140 Amp  
 Replacing: AAT1340, AAT1337, AAT1318, AAT1313, 11.203.242, 11.203.239, 11.203.085, 11.203.001  
 Servicing: Ikarus, MAN, Mercedes-Benz, Neoplan  
 Terminal W, Total length 313.00,  
 Pulley w/o, Fan EF  
*B- M8. Shaft 30 mm.*  
 B: 15.00 C: 180.00 mm



**111843** Alternator 14 V, 95 Amp  
 Replacing: AAK5304, AAK5165, AAK4831, AAK4307, AAK1815, AAG5118, 11.204.396, 11.203.660, 11.203.268  
 Servicing: Case, John Deere  
 Terminal W, Total length 174.00,  
 Pulley w/o, Fan w/o  
*B- M8.*  
 B: 51.00 mm

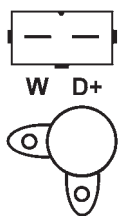


**111850** Alternator 14 V, 143 Amp  
 Replacing: AAN5166, 11.203.248  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 191.00,  
 Pulley SP, Fan IF  
 A: 81.80 B: 56.00 mm

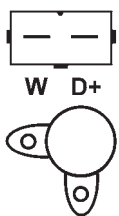


**111883** Alternator 14 V, 115 Amp  
 Replacing: AAN5132, 11.203.115  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 205.00,  
 Pulley SP/FW, Fan IF  
 A: 92.00 B: 56.00 mm





**111884** Alternator 14 V, 90 Amp  
 Replacing: AAK5349, 11.203.078  
 Servicing: Seat, VW  
 Terminal W, Grooves 6,  
 Total length 188.00, Pulley SP/FW, Fan IF  
 A: 39.50 B: 14.00 C: 61.50 mm



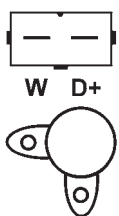
**111898** Alternator 14 V, 120 Amp  
 Replacing: AAN5564, 11.203.569  
 Servicing: VW  
 Terminal W, Grooves 6,  
 Total length 205.00, Pulley SP, Fan IF  
 A: 40.00 B: 14.25 C: 61.00 mm



**111978** Alternator 14 V, 120 Amp  
 Replacing: AKK4322, 11.203.333  
 Servicing: Claas, Fendt  
 Terminal W, Total length 170.00,  
 Pulley w/o, Fan EF  
 B: 56.00 mm



**111886** Alternator 28 V, 65 Amp  
 Replacing: AAN3110, 11.209.420  
 Servicing: Scania  
 Terminal W, Total length 190.00,  
 Pulley w/o, Fan w/o  
 B: 23.25 C: 68.70 mm



**111899** Alternator 14 V, 90 Amp  
 Replacing: AAK5350, 11.203.079  
 Servicing: VW  
 Terminal W, Grooves 6,  
 Total length 188.00, Pulley SP, Fan IF  
 A: 39.50 B: 14.00 C: 61.00 mm



**111987** Alternator 28 V, 55 Amp  
 Replacing: AAN3118, 11.209.438  
 Servicing: Iveco  
 Terminal W, Total length 178.00,  
 Pulley w/o, Fan EF  
 B: 17.00 C: 63.80 mm



**111888** Alternator 14 V, 65 Amp  
 Replacing: AAK3330, AAK1363, 11.201.935,  
 11.201.595  
 Servicing: Case, John Deere  
 Terminal W, Grooves 8,  
 Total length 192.00, Pulley SP, Fan EF  
 A: 81.00 B: 50.60 mm



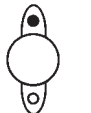
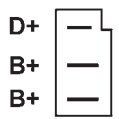
**111902** Alternator 14 V, 115 Amp  
 Replacing: AAN5133, 11.203.116  
 Servicing: Mercedes-Benz, VW  
 Grooves 6, Total length 186.00,  
 Pulley SP, Fan IF  
 A: 82.00 B: 56.10 mm



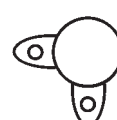
**111989** Alternator 14 V, 90 Amp  
 Replacing: AAK5544, 11.203.313  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 186.50,  
 Pulley SP, Fan IF  
 Alternative no.: 115482 ★  
 A: 39.60 B: 14.00 C: 61.00 mm



**111890** Alternator 14 V, 90 Amp  
 Replacing: AAK5322, 11.203.030  
 Servicing: Mercedes-Benz  
 Terminal W, Grooves 6,  
 Total length 192.00, Pulley SP/FW, Fan IF  
 A: 92.00 B: 56.00 mm



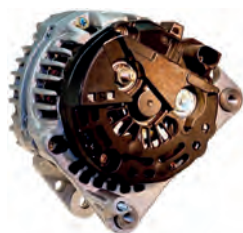
**111948** Alternator 14 V, 70 Amp  
 Replacing: AAK4554, 11.201.693  
 Servicing: Massey Ferguson  
 Terminal W, Total length 159.00,  
 Pulley w/o, Fan EF  
 B: 29.00 mm



**112002** Alternator 14 V, 120 Amp  
 Replacing: AAN5178, 11.203.288  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Terminal W, Total length 180.00,  
 Pulley w/o, Fan IF  
 Free wheel pulley: HC-CARGO 230293. Washer Bosch:  
 HC-CARGO 139931. Washer hitachi: HC-CARGO  
 133948. As HC-CARGO 114797, but w/o pulley.  
 Alternative no.: 115483 ★  
 B: 14.50 C: 61.00 mm


**B+D+ W**


**112021** OE Alternator 14 V, 100 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK5396, 11.203.205  
 Terminal W, Grooves 7,  
 Total length 194.00, Pulley SP, Fan IF  
 A: 31.00 B: 13.50 C: 83.50 mm


**L DFM**


**112043** Alternator 14 V, 90 Amp  
 Replacing: AAK5518, 11.203.223  
 Servicing: VW  
 Terminal DF, Grooves 6,  
 Total length 184.50, Pulley SP, Fan IF  
 A: 40.00 B: 14.00 C: 61.00 mm



**112046** Alternator 14 V, 95 Amp  
 Replacing: AAK4320, AAK3822, AAK1811,  
 AAK1312, 11.204.054, 11.203.656,  
 11.203.331, 11.201.991  
 Servicing: Deutz-Fahr, Iveco  
 Terminal W, Total length 170.00,  
 Pulley w/o, Fan EF  
 B: 56.00 mm



**112056** Alternator 14 V, 70 Amp  
 Replacing: AAK4529, AAK4525, AAK3134,  
 AAK3132, AAK1177, 11.201.933, 11.201.931,  
 11.201.584, 11.201.580  
 Servicing: Opel, Vauxhall  
 Terminal W, Grooves 1,  
 Total length 165.00, Pulley P, Fan EF  
 A: 87.00 B: 56.00 mm



**112062** Alternator 14 V, 115 Amp  
 Manufacturer: Bosch  
 Replacing: AAN5156, 11.203.204  
 Servicing: John Deere  
 Total length 177.00, Pulley w/o, Fan IF  
 SP/FW: HC-CARGO 235718 can be used.  
 B: 56.00 mm


**L DFM**


**112075** Alternator 14 V, 70 Amp  
 Replacing: AAK5541, 11.203.310  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 182.00,  
 Pulley SP, Fan IF  
 A: 40.00 B: 14.00 C: 60.75 mm



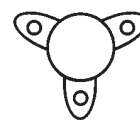
**112076** Alternator 28 V, 80 Amp  
 Replacing: AAN3120, 11.209.445  
 Servicing: Iveco, Renault V.I., Scania  
 Terminal W, Total length 183.00,  
 Pulley w/o, Fan EF  
 B: 27.00 C: 72.10 mm


**L DFM**

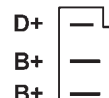

**112079** Alternator 14 V, 90 Amp  
 Replacing: AAK5543, 11.203.312  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Grooves 6, Total length 170.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 114789   
 A: 39.00 B: 14.00 C: 61.00 mm



**112097** Alternator 28 V, 30 Amp  
 Replacing: AAK3564, AAK1209, AAK1110,  
 11.201.468, 11.201.075, 11.201.055  
 Servicing: Allis Chalmers, Astra, Fahr, Iveco,  
 Laverda  
 Grooves 1, Total length 174.00, Pulley P,  
 Fan w/o  
 A: 45.00 B: 17.00 C: 63.00 mm



**112098** Alternator 14 V, 65 Amp  
 Replacing: AAK4351, AAK4313, AAK3547,  
 AAK1370, AAK1182, 11.203.415, 11.203.301,  
 11.201.499, 11.201.444  
 Servicing: Case, Claas, Eicher, Iveco,  
 Lamborghini, Mercedes-Benz, NSU, Steyr, Zetor  
 Terminal W, Grooves 1,  
 Total length 171.00, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm


**D+ B+ B+**


**112112** Alternator 14 V, 70 Amp  
 Replacing: AAK3301, 11.201.832, 11.201.332  
 Servicing: Perkins, Sabre, Yanmar  
 Terminal W, Grooves 1, Total length 170.50,  
 Pulley P, Fan EF, Insulated return  
 A: 45.00 B: 11.50 C: 82.50 mm



**112149** Alternator 14 V, 65 Amp  
 Manufacturer: Bosch  
 Replacing: AAK4504, AAK4199, 11.201.545,  
 11.201.401, 11.201.379  
 Servicing: Audi, Seat, VW  
 Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 109.80 B: 56.00 mm

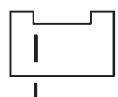




**112151** Alternator 14 V, 95 Amp  
 Replacing: AAK5505, 11.209.006  
 Servicing: Ford  
 Terminal W, Grooves 5,  
 Total length 158.50, Pulley SP, Fan IF  
 A: 46.00 B: 57.00 mm



**112159** Alternator 28 V, 80 Amp  
 Replacing: AAN3108, 11.209.417  
 Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.  
 Terminal W, Total length 186.00,  
 Pulley w/o, Fan EF  
 B: 80.40 mm



**112162** Alternator 14 V, 70 Amp  
 Replacing: AAK4535, AAK3572, 11.201.590,  
 11.201.493  
 Servicing: Citroen, Peugeot  
 Grooves 4, Total length 158.00,  
 Pulley SP, Fan EF  
 A: 45.50 B: 27.00 C: 66.00 mm



**112165** Alternator 14 V, 75 Amp  
 Replacing: AAK5503, 11.209.004  
 Servicing: Renault  
 Grooves 4, Total length 179.00,  
 Pulley SP, Fan IF  
 A: 46.70 B: 27.00 C: 66.50 mm



**112170** Alternator 28 V, 45 Amp  
 Replacing: AAK3336, AAK1387, 11.201.941,  
 11.201.759  
 Servicing: Case, John Deere, Komatsu  
 Terminal W, Total length 172.30,  
 Pulley w/o, Fan EF  
 Dust proof.  
 B: 51.00 mm



**112183** Alternator 14 V, 60 Amp  
 Replacing: AAK2306, AAK2301, 11.203.106,  
 11.201.292  
 Servicing: KHD, Various Agriculture Vehicles  
 Terminal W, Total length 174.50,  
 Pulley w/o, Fan w/o



**112191** Alternator 14 V, 80 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK5105, 11.201.498  
 Servicing: Lada  
 Grooves 1, Total length 183.50, Pulley P,  
 Fan EF  
 A: 81.40 B: 56.00 mm



**112194** Alternator 14 V, 120 Amp  
 Replacing: AAN5127, 11.203.110  
 Servicing: Mercedes-Benz, Ssangyong,  
 Various Agriculture Vehicles  
 Terminal W, Grooves 6,  
 Total length 184.00, Pulley SP, Fan IF  
 A: 82.20 B: 56.00 mm



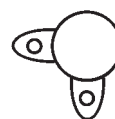
**112197** Alternator 14 V, 115 Amp  
 Replacing: AAN5572, 11.209.440  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 176.00,  
 Pulley SP/FW, Fan IF  
 A: 31.00 B: 69.80 C: 56.00 mm



**112230** Alternator 14 V, 80 Amp  
 Replacing: AAK5136, 11.201.769  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 42.00 B: 27.20 C: 66.50 mm

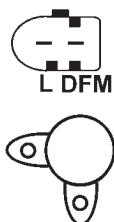


**112271** Alternator 14 V, 100 Amp  
 Replacing: AAK5574, 11.209.424  
 Servicing: Honda, Opel, Vauxhall  
 Terminal W, Grooves 6,  
 Total length 223.00, Pulley SP, Fan IF  
 A: 36.00 B: 12.90 C: 66.10 mm



**112273** Alternator 14 V, 70 Amp  
 Replacing: AAK5542, 11.203.111  
 Servicing: Seat, Skoda, VW  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 41.00 B: 14.00 C: 60.80 mm





**112274** Alternator 14 V, 90 Amp  
 Replacing: AAK5545, 11.203.314  
 Servicing: Seat, Skoda, VW  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF

A: 39.50 B: 14.10 C: 61.40 mm



**112298** Alternator 14 V, 80 Amp  
 Replacing: AAK5360, 11.203.094, 11.201.094  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 179.00,  
 Pulley SP, Fan IF

A: 42.00 B: 26.10 C: 66.70 mm



**112299** Alternator 14 V, 95 Amp  
 Replacing: AAK5131, AAK5108, 11.201.754,  
 11.201.534  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 182.00,  
 Pulley SP, Fan IF

A: 43.00 B: 27.30 C: 67.70 mm



**112302** Alternator 28 V, 120 Amp  
 Replacing: AAT1385, 11.209.448  
 Servicing: Iveco  
 Total length 313.00, Pulley w/o, Fan EF  
 B- M8.

B: 16.00 C: 86.00 mm



**112310** Alternator 14 V, 55 Amp  
 Manufacturer: Mahle Letrika

Replacing: AAK1193, AAK1151, 11.201.230,  
 11.201.146

Servicing: BMW, Volvo BM

Grooves 1, Total length 168.00, Pulley P,  
 Fan EF

A: 74.00 B: 50.70 mm



**112325** Alternator 14 V, 70 Amp  
 Replacing: AAK5301, 11.201.992

Servicing: Ford

Terminal W, Grooves 5,  
 Total length 170.00, Pulley SP, Fan IF  
 D+ may be w/ M4.

A: 33.00 B: 14.20 C: 75.50 mm



**112343** Alternator 28 V, 140 Amp  
 Replacing: AAT1330, AAT1310, 11.203.232,  
 11.201.902

Servicing: Renault V.I., Scania, Volvo

Terminal W, Total length 304.50,  
 Pulley w/o, Fan EF  
 B- M8. Shaft 30 mm.

B: 15.30 C: 182.00 mm



**112345** Alternator 28 V, 55 Amp  
 Replacing: AAN3116, 11.209.436

Servicing: Volvo

Terminal W, Total length 179.50,  
 Pulley w/o, Fan w/o

B: 51.50 mm



**112389** Alternator 14 V, 85 Amp

Manufacturer: Mahle Letrika

Replacing: AAK5115, 11.201.667

Servicing: Deutz-Fahr

Terminal W, Total length 184.00,  
 Pulley w/o, Fan IF

B: 55.90 mm



**112416** Alternator 14 V, 100 Amp  
 Replacing: AAK5723, 11.209.441

Servicing: Holden, Opel, Vauxhall

Grooves 5, Total length 180.00,  
 Pulley SP, Fan IF

A: 53.50 B: 33.50 C: 58.30 mm

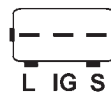


**112424** Alternator 28 V, 140 Amp  
 Replacing: AAT1335, 11.203.237

Servicing: Scania

Total length 285.00, Pulley w/o, Fan EF  
 B- M8. Shaft 30 mm.

B: 15.50 C: 182.00 mm



**112427** Alternator 28 V, 90 Amp  
 Replacing: AAN5795, 11.209.454

Servicing: Iveco

Grooves 12, Total length 198.00,  
 Pulley SP, Fan IF

Alternative no.: 115871

A: 90.00 B: 57.60 mm



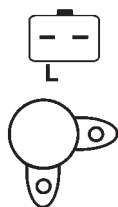
**112453** Alternator 14 V, 85 Amp  
 Replacing: AAN3121, 11.209.446  
 Servicing: Alfa Romeo, Fiat, Iveco, Lancia  
 Total length 174.00, Pulley w/o, Fan IF  
 B: 16.90 C: 63.00 mm



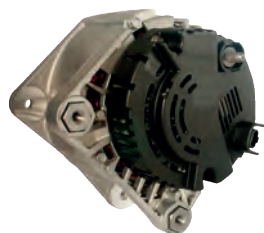
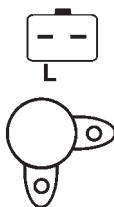
**112469** Alternator 14 V, 90 Amp  
 Replacing: AAK5741, 11.203.710  
 Servicing: Citroen, Fiat, Peugeot, Toyota  
 Grooves 6, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 42.50 B: 22.20 C: 45.60 mm



**112530** Alternator 14 V, 120 Amp  
 Replacing: AAN5131, 11.203.114  
 Servicing: Daewoo, Mercedes-Benz,  
 Ssangyong  
 Grooves 6, Total length 201.00,  
 Pulley SP, Fan IF  
 A: 92.50 B: 56.10 mm



**112457** Alternator 14 V, 110 Amp  
 Replacing: AAK5773, 11.203.923  
 Servicing: Nissan, Renault  
 Total length 164.50, Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 333026.  
 B: 15.75 C: 61.00 mm



**112471** Alternator 14 V, 125 Amp  
 Replacing: AAK5782, 11.203.950  
 Servicing: Mitsubishi, Nissan, Opel, Renault,  
 Vauxhall, Volvo  
 Grooves 6, Total length 179.00,  
 Pulley SP/FW, Fan IF  
 A: 32.50 B: 13.50 C: 60.90 mm



**112535** Alternator 14 V, 120 Amp  
 Replacing: AAN5179, 11.203.290  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 192.90,  
 Pulley SP, Fan IF  
 A: 91.95 B: 56.00 mm



**112458** Alternator 14 V, 120 Amp  
 Replacing: AAK5778, 11.203.940  
 Servicing: Renault  
 Terminal W, Total length 174.00,  
 Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 230522.  
 B: 27.50 C: 66.50 mm



**112480** Alternator 14 V, 90 Amp  
 Replacing: AAK5553, 11.203.337  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 Grooves 6, Total length 174.00,  
 Pulley SP, Fan IF  
 A: 44.00 B: 22.00 C: 46.00 mm



**112539** Alternator 14 V, 110 Amp  
 Replacing: AAN5130, 11.203.113  
 Servicing: Mercedes-Benz  
 Terminal W, Grooves 6,  
 Total length 194.00, Pulley SP, Fan IF  
 A: 84.00 B: 56.00 mm



**112460** Alternator 14 V, 150 Amp  
 Replacing: AAN5772, AAN5533, 11.204.163,  
 11.203.871, 11.203.470  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 177.00,  
 Pulley SP, Fan IF  
 A: 43.60 B: 22.00 C: 45.60 mm

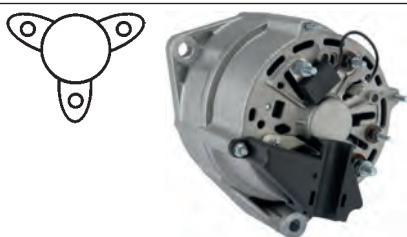


**112529** Alternator 14 V, 90 Amp  
 Replacing: AAK5391, AAK5382, AAK5306,  
 11.203.186, 11.203.167, 11.203.005  
 Servicing: Daewoo, John Deere, Mercedes-  
 Benz, Ssangyong  
 Terminal W, Grooves 6,  
 Total length 200.00, Pulley SP, Fan IF  
 A: 92.00 B: 56.10 mm



**112556** Alternator 14 V, 95 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK5363, AAK5315, AAK5118,  
 AAK5114, 11.203.098, 11.203.016,  
 11.201.675, 11.201.666  
 Servicing: Same, Valtra  
 Terminal W, Total length 190.50,  
 Pulley w/o, Fan IF  
 Dust proof.  
 B: 56.00 mm





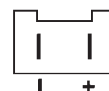
**112561** Alternator 28 V, 80 Amp  
 Replacing: AAN3119, AAN3111, 11.209.442, 11.209.421  
 Servicing: Mercedes-Benz  
 Terminal W, Total length 188.00,  
 Pulley w/o, Fan EF  
 B: 80.00 mm



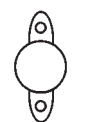
B+ D+ W



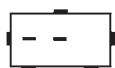
**112698** Alternator 14 V, 100 Amp  
 Replacing: AAK5580, 11.203.433  
 Servicing: Ford  
 Terminal W, Grooves 6,  
 Total length 178.00, Pulley SP, Fan IF  
 A: 33.00 B: 14.10 C: 83.30 mm



L +



**112744** Alternator 14 V, 60 Amp  
 Replacing: AAK3591, 11.201.532  
 Servicing: Renault, Volvo  
 Grooves 5, Total length 162.50,  
 Pulley SP, Fan EF  
 A: 45.00 B: 27.00 C: 66.00 mm



L



**112654** Alternator 14 V, 90 Amp  
 Manufacturer: Marelli  
 Replacing: AAK5597, 11.209.429  
 Servicing: Ford  
 Total length 213.00, Pulley w/o, Fan IF  
 B: 17.25 C: 62.60 mm



B+ D+ W



**112718** Alternator 14 V, 100 Amp  
 Replacing: AAK5326, 11.203.042  
 Servicing: Ford, New Holland  
 Terminal W, Grooves 6,  
 Total length 189.00, Pulley SP, Fan IF  
 A: 32.00 B: 14.00 C: 83.80 mm



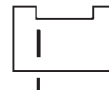
**112747** Alternator 28 V, 55 Amp  
 Replacing: AAK5734, AAK3318, 11.203.655, 11.201.903  
 Servicing: Deutz-Fahr, Ford, Iveco, KHD  
 Terminal W, Total length 177.00,  
 Pulley w/o, Fan EF  
 B: 56.00 mm



**112679** Alternator 14 V, 110 Amp  
 Replacing: AAN5139, AAK5521, 11.203.227, 11.203.129  
 Servicing: Renault, Volvo  
 Terminal W, Grooves 6,  
 Total length 190.00, Pulley SP, Fan IF  
 A: 46.50 B: 27.70 C: 66.30 mm



**112720** Alternator 14 V, 100 Amp  
 Replacing: AAK5722, 11.209.439  
 Servicing: Opel, Vauxhall  
 Grooves 1, Total length 173.00, Pulley P,  
 Fan IF  
 A: 53.50 B: 33.40 C: 57.00 mm



L



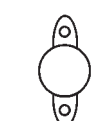
**112754** Alternator 14 V, 70 Amp  
 Replacing: AAK4542, 11.201.679  
 Servicing: Citroen, Peugeot  
 Grooves 1, Total length 172.50, Pulley P,  
 Fan EF  
 A: 95.00 B: 56.00 mm



**112688** Alternator 14 V, 95 Amp  
 Replacing: AAK5186, 11.201.963  
 Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot  
 Grooves 6, Total length 175.00,  
 Pulley SP, Fan IF  
 A: 92.50 B: 55.80 mm



**112736** Alternator 14 V, 65 Amp  
 Replacing: AAK1378, 11.201.570  
 Servicing: Deutz-Fahr, Fahr, Iveco  
 Terminal W, Grooves 1,  
 Total length 166.00, Pulley P, Fan EF  
 A: 76.50 B: 56.10 mm



**112757** Alternator 28 V, 55 Amp  
 Replacing: AAN3115, 11.209.435  
 Servicing: Scania, Volvo  
 Terminal W, Total length 185.00,  
 Pulley w/o, Fan EF  
 Bosch 0 120 469 963 = Insulated, HC-CARGO  
 112757 is not insulated.  
 B: 27.50 C: 68.00 mm

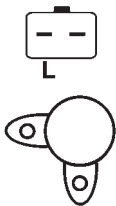




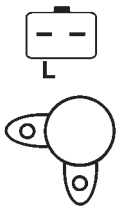
**112768** Alternator 14 V, 55 Amp  
 Replacing: AAK4518, AAK4138, AAK1117, 11.201.600, 11.201.571, 11.201.304, 11.201.071  
 Servicing: Alfa Romeo, Goldoni  
 Terminal W, Grooves 1,  
 Total length 172.00, Pulley P, Fan EF  
 A: 47.00 B: 15.00 C: 70.00 mm



**112803** Alternator 28 V, 80 Amp  
 Replacing: AAN3107, 11.209.416  
 Servicing: Volvo  
 Terminal W, Total length 181.50,  
 Pulley w/o, Fan EF  
 B: 51.00 mm



**113245** Alternator 14 V, 125 Amp  
 Replacing: AAK5788, 11.204.022  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 Grooves 6, Total length 172.00,  
 Pulley SP, Fan IF  
 A: 33.00 B: 13.90 C: 60.70 mm



**113248** Alternator 14 V, 120 Amp  
 Replacing: AAK5779, 11.203.943  
 Servicing: Nissan, Opel, Renault, Vauxhall, Volvo  
 Grooves 5, Total length 190.00,  
 Pulley SP/FW, Fan IF  
 A: 36.00 B: 14.00 C: 60.75 mm



**113340** Alternator 14 V, 70 Amp  
 Replacing: AAK5547  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 192.50,  
 Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.00 C: 62.00 mm



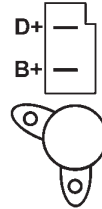
**113376** Alternator 14 V, 55 Amp  
 Replacing: AAK4143, AAK3130, AAK1181, AAK1131, 11.201.928, 11.201.309, 11.201.214  
 Servicing: Bedford, Opel, Vauxhall  
 Terminal W, Grooves 1,  
 Total length 167.50, Pulley P, Fan EF  
 A: 76.60 B: 56.20 mm



**113442** Alternator 14 V, 90 Amp  
 Replacing: AAK5308, 11.203.007  
 Servicing: Mercedes-Benz  
 Terminal W, Grooves 6,  
 Total length 186.50, Pulley SP/FW, Fan IF  
 A: 84.80 B: 56.00 mm



**113448** Alternator 28 V, 100 Amp  
 Replacing: AAN3112, AAN0112, 11.209.422  
 Servicing: Mercedes-Benz  
 Terminal W, Total length 211.00,  
 Pulley w/o, Fan EF  
 B: 80.00 mm



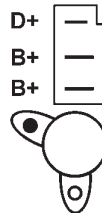
**113469** Alternator 14 V, 33 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAG1307, 11.201.062  
 Servicing: Marshall, Steyr  
 Grooves 1, Total length 156.00, Pulley P,  
 Fan EF  
 Dust proof.  
 A: 75.50 B: 55.90 mm



**113470** Alternator 28 V, 35 Amp  
 Replacing: AAK4531, AAK4348, AAK3820, AAK1337, 11.204.052, 11.203.404, 11.201.586, 11.201.479  
 Servicing: Iveco, KHD, Liebherr  
 Terminal W, Grooves 1,  
 Total length 174.00, Pulley P, Fan w/o  
 A: 77.00 B: 55.80 mm



**113471** Alternator 14 V, 65 Amp  
 Replacing: AAK4556, 11.201.695  
 Servicing: Fiat, Lancia  
 Grooves 4, Total length 171.00,  
 Pulley SP, Fan EF  
 A: 54.40 B: 32.00 mm



**113474** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK3320, AAK1324, 11.201.913, 11.201.396  
 Servicing: Austin, Landini, Massey Ferguson, Rover  
 Terminal W, Grooves 1,  
 Total length 171.50, Pulley P, Fan EF  
 A: 35.90 B: 11.00 C: 82.55 mm



**113477** Alternator 28 V, 55 Amp  
 Replacing: AAK3334, AAK1383, 11.201.939, 11.201.746  
 Servicing: DAF, Volvo, Volvo BM, Volvo Penta  
 Terminal W, Total length 184.00,  
 Pulley w/o, Fan EF, Insulated return  
 B: 50.80 mm



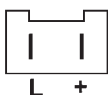
**113485** Alternator 14 V, 80 Amp  
 Replacing: AAK5329, 11.203.054  
 Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki  
 Grooves 6, Total length 166.00,  
 Pulley SP, Fan IF  
 A: 92.00 B: 56.00 mm



**113486** Alternator 14 V, 90 Amp  
 Replacing: AAK5309, 11.203.008  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 168.50,  
 Pulley SP, Fan IF  
 A: 91.85 B: 56.00 mm



**113489** Alternator 14 V, 150 Amp  
 Replacing: 11.203.164  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 192.50,  
 Pulley SP, Fan IF  
 A: 82.30 B: 56.00 mm



**113500** Alternator 14 V, 70 Amp  
 Replacing: AAK3595, 11.201.536  
 Servicing: Renault  
 Terminal W, Grooves 6,  
 Total length 165.00, Pulley SP, Fan EF  
 A: 46.50 B: 27.00 C: 65.60 mm



**113503** Alternator 14 V, 120 Amp  
 Replacing: AAK5585, 11.203.458  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 177.00,  
 Pulley SP, Fan IF  
 A: 43.00 B: 22.20 C: 45.00 mm



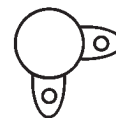
**113510** Alternator 14 V, 140 Amp  
 Replacing: AAN5792, 11.203.921  
 Servicing: Audi, Skoda, VW  
 Grooves 6, Total length 181.00,  
 Pulley SP, Fan IF  
 A: 30.00 B: 14.10 C: 82.00 mm



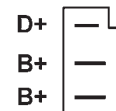
**113529** Alternator 14 V, 120 Amp  
 Replacing: AAK5592, AAK5355, AAK5354, 11.203.494, 11.203.088, 11.203.087  
 Servicing: Ford, New Holland  
 Terminal W, Grooves 8,  
 Total length 204.40, Pulley SP, Fan IF  
 A: 33.00 B: 14.10 C: 83.30 mm



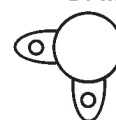
**113531** Alternator 14 V, 120 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK4321, 11.204.405, 11.203.332  
 Servicing: John Deere  
 Terminal W, Total length 172.00,  
 Pulley w/o, Fan w/o  
 B: 56.20 mm



**113533** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK4569, 11.201.711  
 Servicing: Fiat, Lancia, Lombardini  
 Terminal W, Grooves 1,  
 Total length 160.00, Pulley P, Fan EF  
 A: 52.00 B: 31.80 mm



**113574** Alternator 14 V, 65 Amp  
 Replacing: AAK4118, 11.201.276  
 Servicing: Case, New Holland, Valtra  
 Terminal W, Grooves 1,  
 Total length 177.50, Pulley P, Fan EF  
 A: 36.85 B: 10.40 C: 83.00 mm



**113575** Alternator 14 V, 80 Amp  
 Replacing: AAK5740, 11.203.709  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 162.00,  
 Pulley SP, Fan IF  
 A: 42.00 B: 22.00 C: 45.00 mm





**113603** Alternator 14 V, 80 Amp  
 Replacing: AAK5739, 11.203.708  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 172.00,  
 Pulley SP, Fan IF  
 A: 42.00 B: 22.00 C: 46.00 mm



**113610** Alternator 14 V, 120 Amp  
 Replacing: AAK5851, AAK5364, AAK5181,  
 11.204.583, 11.203.099, 11.201.925  
 Servicing: Valtra  
 Terminal W, Total length 191.00,  
 Pulley w/o, Fan IF  
 B: 56.00 mm



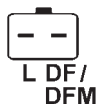
**113621** Alternator 14 V, 115 Amp  
 Replacing: AAK5759, AAK5746, 11.203.822,  
 11.203.730  
 Servicing: Ford, New Holland  
 Grooves 6, Total length 188.50,  
 Pulley SP, Fan IF  
 A: 33.55 B: 14.10 C: 83.35 mm



**113631** Alternator 14 V, 90 Amp  
 Manufacturer: Prestolite  
 Replacing: AAK4352, 11.203.416  
 Servicing: BMW, BUKH, Volvo Penta  
 Terminal W, Grooves 1,  
 Total length 178.00, Pulley P, Fan EF,  
 Insulated return  
 A: 79.25 B: 51.00 mm



**113632** Alternator 14 V, 85 Amp  
 Manufacturer: Bosch  
 Replacing: AAK5197, AAK4829, AAK3329,  
 11.204.391, 11.201.989, 11.201.934  
 Servicing: John Deere, Lada  
 Terminal W, Total length 170.00,  
 Pulley w/o, Fan IF  
 B: 56.10 mm



**113640** Alternator 14 V, 150 Amp  
 Replacing: AAN5549, 11.204.006, 11.203.512  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 Grooves 6, Total length 177.50,  
 Pulley SP/FW, Fan IF  
 As HC-CARGO 116067, but w/ pulley.  
 Alternative no.: 116067  
 A: 42.50 B: 21.20 C: 45.80 mm



**113707** Alternator 14 V, 200 Amp  
 Manufacturer: Bosch  
 Replacing: AAN5840, 11.204.424  
 Servicing: John Deere, Various Industrial  
 applications  
 Total length 174.50, Pulley w/o, Fan IF  
 B: 56.00 mm



**113716** Alternator 14 V, 120 Amp  
 Replacing: AAK3834, 11.204.069  
 Servicing: Thermo King, Yanmar  
 Terminal W, Total length 167.50,  
 Pulley w/o, Fan EF  
 B: 51.00 mm



**113738** Alternator 28 V, 55 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK5565, AAK5376, 11.204.040,  
 11.203.396, 11.203.155  
 Servicing: Various Industrial applications  
 Terminal W, Total length 193.75,  
 Pulley w/o, Fan IF  
 Dust proof.  
 B: 56.00 mm



**113755** Alternator 14 V, 150 Amp  
 Replacing: AAN8119  
 Servicing: Citroen, Fiat, Lancia, Peugeot,  
 Suzuki, Toyota  
 Grooves 6, Total length 175.00,  
 Pulley SP, Fan IF  
 A: 43.00 B: 21.00 C: 45.10 mm



**113768** Alternator 14 V, 95 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK5794, AAK5567, AAK5566,  
 AAK5336, AAK5335, AAK5141, 11.204.037,  
 11.203.398, 11.203.397  
 Servicing: Mercedes-Benz, Ssangyong  
 Terminal W, Total length 193.00, Pulley w/o  
 Dust proof.  
 B: 56.00 mm



**113771** Alternator 14 V, 190 Amp  
 Replacing: AAN7111, AAN7101, 11.203.631,  
 11.203.468  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 196.00,  
 Pulley SP/FW, Fan IF  
 Water cooled.  
 A: 30.50 B: 93.45 C: 56.75 mm





L DFM


**113772** Alternator 14 V, 190 Amp

Replacing: AAN7112, 11.203.632

Servicing: Mercedes-Benz

 Grooves 6, Total length 195.00,  
Pulley SP/FW, Fan IF

Water cooled.

A: 31.00 B: 93.50 C: 56.00 mm


 L DF/  
DFM

**113837** Alternator 14 V, 150 Amp

Replacing: AAN5742, 11.203.819

Servicing: Nissan, Opel, Renault, Vauxhall

 Grooves 7, Total length 192.00,  
Pulley SP

A: 33.00 B: 14.30 C: 60.00 mm



L DFM


**113888** Alternator 14 V, 90 Amp

Replacing: AAK5837, 11.204.431

Servicing: VW

 Terminal W, Grooves 6,  
Total length 188.00, Pulley SP, Fan IF

A: 39.00 B: 14.00 C: 59.00 mm


 L DF/  
DFM

**113919** Alternator 14 V, 125 Amp

Replacing: AAK5791, 11.204.026

Servicing: Nissan, Renault

 Grooves 7, Total length 175.00,  
Pulley SP, Fan IF

A: 32.50 B: 14.20 C: 60.70 mm


**113920** Alternator 28 V, 35 Amp

Replacing: AAK1368, 11.201.709

Servicing: MAN, Mercedes-Benz, Padane

 Terminal W, Total length 176.00,  
Pulley w/o, Fan w/o

B: 80.40 mm


**113949** Alternator 14 V, 150 Amp

 Replacing: AAN8166, AAN5122, AAN5120,  
11.204.254, 11.203.065, 11.203.051

Servicing: Claas, John Deere, Renault

 Terminal W, Total length 185.00,  
Pulley w/o, Fan IF

B: 56.00 mm


**113967** Alternator 14 V, 120 Amp

Replacing: 11.203.443, 11.203.175

Servicing: Caterpillar, Perkins

 Terminal W, Total length 182.00,  
Pulley w/o

B: 13.00 C: 83.00 mm

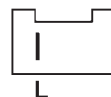

**113986** Alternator 14 V, 120 Amp

Replacing: AAK5388, 11.203.181

Servicing: Claas

Grooves 8, Pulley SP, Fan IF

A: 76.80 B: 50.00 mm



L


**113991** Alternator 14 V, 80 Amp

Replacing: AAK2307, 11.203.107

Servicing: KHD

Terminal W, Pulley w/o


**113999** Alternator 14 V, 150 Amp

 Replacing: AAN8151, AAN5771, AAN5701,  
AAN5502, AAN5318, AAN5155, AAN5138,  
11.204.239, 11.204.159, 11.203.870

 Servicing: Case, Cummins, John Deere, New  
Holland

 Terminal W, Total length 230.00,  
Pulley w/o, Fan IF

B: 13.87 C: 103.27 mm


**114000** Alternator 14 V, 120 Amp

Replacing: AAK5533, 11.203.281

Servicing: Claas

 Terminal W, Grooves 8,  
Total length 187.00, Pulley SP, Fan IF

A: 83.00 B: 56.00 mm


**114004** Alternator 14 V, 150 Amp

 Replacing: IA1057, AAN5136, AAN5125,  
11.203.119, 11.203.103

 Servicing: Fendt, Mercedes-Benz, Various  
Agriculture Vehicles

 Terminal W, Grooves 7,  
Total length 195.00, Pulley SP, Fan IF  
Iskra type.

A: 81.67 B: 56.00 mm



**114049** Alternator 14 V, 120 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK5562, AAK5323, AAK5194, AAK5193, AAK5189, 11.203.388, 11.203.365, 11.203.033, 11.201.976  
 Servicing: Massey Ferguson  
 Terminal W, Total length 192.00,  
 Pulley w/o, Fan IF  
 B: 14.23 C: 82.50 mm



**114077** Alternator 28 V, 40 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK2303, 11.201.485  
 Servicing: KHD  
 Terminal W, Total length 163.00,  
 Pulley w/o  
 Dust proof.



**114081** Alternator 14 V, 95 Amp  
 Replacing: AAK5175, 11.201.908  
 Servicing: JCB  
 Terminal W, Grooves 8,  
 Total length 200.00, Pulley SP, Fan IF  
 A: 31.00 B: 14.0 C: 78.00 mm



**114110** Alternator 28 V, 80 Amp  
 Replacing: AAN8189, AAN5121, AAN5116, 11.204.280, 11.203.064, 11.203.043  
 Servicing: Deutz-Fahr, KHD  
 Terminal W, Pulley w/o, Fan IF  
 B: 56.00 mm



**114192** Alternator 14 V, 200 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAN5511, AAN5346, 11.204.187, 11.203.389  
 Servicing: Deutz-Fahr, Fendt  
 Terminal W, Total length 192.00,  
 Pulley w/o, Fan IF  
 B: 56.00 mm



**114228** Alternator 14 V, 150 Amp  
 Replacing: AAN8145, AAN5776, AAN5745, AAN5708, AAN5333, 11.204.233, 11.204.174, 11.203.882, 11.203.825  
 Servicing: Case IH, New Holland  
 Grooves 10, Total length 215.00,  
 Pulley SP, Fan IF  
 A: 83.50 B: 56.00 mm



**114289** Alternator 14 V, 45 Amp  
 Replacing: AAK4342, AAK3368, AAK3345, 11.203.390, 11.203.060, 11.201.951  
 Servicing: KHD  
 Total length 167.00, Pulley w/o, Fan EF  
 B: 56.00 mm



**114379** Alternator 14 V, 150 Amp  
 Replacing: AAN5869, 11.204.502  
 Servicing: John Deere  
 Total length 180.00, Pulley w/o, Fan IF  
 B: 56.30 mm



**114450** Alternator 14 V, 120 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK4314, AAK1832, 11.204.484, 11.204.327, 11.203.714, 11.203.302  
 Servicing: Case, New Holland  
 Terminal W, Grooves 8, Pulley SP, Fan EF  
 A: 55.00 B: 11.00 C: 52.00 mm



**114464** Alternator 28 V, 55 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK5568, AAK5334, 11.203.399, 11.203.061  
 Servicing: KHD  
 Terminal W, Total length 194.30,  
 Pulley w/o, Fan IF  
 B: 55.00 mm



**114465** Alternator 14 V, 70 Amp  
 Replacing: AAK3339, 11.201.945  
 Servicing: Volvo BM  
 Grooves 1, Pulley P, Fan EF  
 Dust proof.  
 A: 76.00 B: 51.00 mm



**114469** Alternator 14 V, 175 Amp  
 Replacing: AAN5702, 11.203.720, 11.203.191  
 Servicing: Case  
 Pulley w/o, Fan IF  
 Dust proof.  
 B: 13.00 C: 101.00 mm



**114470** Alternator 14 V, 120 Amp  
 Replacing: AAK3380, 11.203.151  
 Servicing: Deutz-Fahr  
 Total length 169.50, Pulley w/o, Fan EF  
 B: 56.00 mm



**114471** Alternator 28 V, 80 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAN5513, 11.204.160  
 Servicing: KHD  
 Terminal W, Total length 192.00,  
 Pulley w/o, Fan IF  
*Dust proof.*  
 B: 56.00 mm



**114513** Alternator 14 V, 95 Amp  
 Replacing: AAK5125, 11.201.738  
 Servicing: Claas, Mercedes-Benz, Renault  
 Agriculture  
 Terminal W, Grooves 8,  
 Total length 183.00, Pulley SP, Fan IF  
 A: 83.00 B: 56.00 mm



**114514** Alternator 14 V, 95 Amp  
 Replacing: AAK5157, 11.201.830  
 Servicing: Renault Agriculture  
 Terminal W, Grooves 8,  
 Total length 182.00, Pulley SP, Fan IF  
 A: 77.10 B: 50.00 mm



**114671** Alternator 14 V, 120 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK5599, AAK5577, AAK5560,  
 11.203.523, 11.203.423, 11.203.383  
 Servicing: Massey Ferguson  
 Terminal W, Pulley w/o, Fan IF  
 B: 56.00 mm



**114698** Alternator 14 V, 175 Amp  
 Replacing: AAN5713, AAN5711, AAN5331,  
 11.204.172, 11.203.741, 11.203.739  
 Servicing: Case, Massey Ferguson  
 Terminal W, Pulley w/o, Fan IF  
 B: 14.00 C: 100.00 mm



**114735** Alternator 14 V, 150 Amp  
 Replacing: AAN5308  
 Servicing: Claas, Fendt, John Deere  
 Terminal W, Pulley w/o, Fan IF  
 B: 56.00 mm



**114767** Alternator 28 V, 100 Amp  
 Replacing: AAN8170, AAN8167, AAN8156,  
 AAN5806, AAN5597, AAN5595, AAN5546,  
 AAN5124, 11.204.337, 11.204.258  
 Servicing: Perkins, Various, Various  
 Agriculture Vehicles, Various Industrial  
 applications  
 Terminal W, Total length 192.00,  
 Pulley w/o, Fan IF  
 B: 56.00 mm



**114772** Alternator 14 V, 95 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: IA1484, AAK5807, AAK5758,  
 AAK5583, 11.204.467, 11.204.215,  
 11.204.115, 11.203.812, 11.203.440  
 Servicing: JCB  
 Grooves 8, Total length 197.00,  
 Pulley SP, Fan IF  
 A: 30.50 B: 14.10 C: 80.75 mm

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**114784\*** Alternator 14 V, 75 Amp  
 Replacing: AAG5119, 11.203.767  
 Grooves 1, Pulley P, Fan EF



**114785** Alternator 14 V, 175 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAN5848, 11.204.443  
 Servicing: Massey Ferguson  
 Terminal W, Total length 192.00,  
 Pulley w/o, Fan IF  
 B: 56.00 mm



**114786** Alternator 14 V, 80 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK5839, 11.204.456  
 Servicing: Gehl, KHD  
 Terminal W, Grooves 1,  
 Total length 170.10, Pulley P, Fan IF  
 A: 33.20 B: 14.00 C: 83.00 mm





**114787** Alternator 14 V, 100 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK1890, 11.203.911  
 Servicing: Claas  
 Grooves 4, Total length 170.00,  
 Pulley SP, Fan EF  
 A: 83.00 B: 56.00 mm



**114868** Alternator 14 V, 75 Amp  
 Replacing: AAK4363, AAK4334, AAK4330,  
 AAK1888, 11.203.905, 11.203.462,  
 11.203.368, 11.203.350  
 Servicing: Various Industrial applications  
 Terminal W, Grooves 8, Pulley SP,  
 Fan EF  
 A: 78.20 B: 51.00 mm



**115381** alternator 28 V, 80 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAN8152, AAN5167, 11.204.240,  
 11.203.250  
 Servicing: KHD, Various Industrial applications  
 Terminal W, Total length 189.00,  
 Pulley w/o, Fan IF  
 B: 56.00 mm



**114797** Alternator 14 V, 120 Amp  
 Replacing: AAN5178, 11.203.288  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Grooves 6, Pulley SP/FW, Fan IF  
 As HC-CARGO 112002, but w/ pulley.  
 Alternative no.: 115483 , 112002  
 A: 39.00 B: 14.50 C: 60.50 mm



**114896** Alternator 14 V, 120 Amp  
 Replacing: AAK5760, AAK5745, AAK5591,  
 11.203.823, 11.203.729, 11.203.493  
 Servicing: Case, New Holland  
 Terminal W, Grooves 8,  
 Total length 203.00, Pulley SP, Fan IF  
 A: 32.00 B: 14.00 C: 83.60 mm



**115436** Alternator 14 V, 50 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAG5135, AAG5104, AAG5103,  
 11.204.098, 11.203.476, 11.203.452  
 Servicing: JCB, KHD  
 Total length 168.00, Pulley w/o, Fan IF  
 B: 18.00 C: 67.00 mm



**114808** Alternator 14 V, 120 Amp  
 Replacing: AAK5761, AAK5711, 11.203.828,  
 11.203.565  
 Servicing: Massey Ferguson, Valtra  
 Terminal W, Pulley w/o, Fan IF  
 B: 56.00 mm



**115309** Alternator 28 V, 35 Amp  
 Replacing: IA1027, AAK4343, 11.203.391  
 Servicing: Deutz-Fahr, KHD  
 Terminal W, Total length 178.00,  
 Pulley w/o, Fan EF  
 B: 56.00 mm



**115605** Alternator 14 V, 120 Amp  
 Replacing: AAK4835, AAK1816, 11.204.413,  
 11.203.661  
 Servicing: John Deere  
 Terminal W, Grooves 8, Pulley SP,  
 Fan EF  
 A: 78.00 B: 51.00 mm



**114840** Alternator 14 V, 85 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAK5145, 11.201.800  
 Servicing: Landini  
 Terminal W, Grooves 2,  
 Total length 190.00, Pulley DP, Fan IF  
 A: 96.50 B: 56.00 mm



**115343** Alternator 14 V, 175 Amp  
 Replacing: AAN8164, AAN5193, 11.204.252,  
 11.203.340  
 Servicing: Claas  
 Terminal W, Total length 235.00,  
 Pulley w/o, Fan IF  
 B: 14.00 C: 103.00 mm



**115608** Alternator 14 V, 120 Amp  
 Replacing: AAK5581, 11.203.434  
 Servicing: Iveco, New Holland  
 Terminal W, Grooves 8, Pulley SP, Fan IF  
 A: 74.50 B: 50.80 mm



**115682** Alternator 14 V, 200 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAN5334, 11.204.175, 11.203.826  
 Servicing: Case  
 Grooves 10, Total length 205.00,  
 Pulley SP, Fan IF  
 A: 84.00 B: 56.00 mm



**115689** Alternator 14 V, 80 Amp  
 Replacing: AAK3563, AAK3166, 11.203.298,  
 11.201.463  
 Servicing: Deutz-Fahr, Huerlimann, Same  
 Terminal W, Total length 174.00,  
 Pulley w/o, Fan EF  
 B: 17.00 C: 66.00 mm



**115777** Alternator 14 V, 80 Amp  
 Replacing: AAK4931, 11.203.564  
 Servicing: Massey Ferguson  
 Terminal W, Total length 173.00,  
 Pulley w/o, Fan EF  
 B: 56.00 mm



**115848** Alternator 14 V, 95 Amp  
 Replacing: AAK5166, 11.201.881  
 Servicing: Fermeq, Terex  
 Grooves 2, Total length 193.00,  
 Pulley DP, Fan IF  
 A: 36.50 B: 14.00 C: 83.00 mm



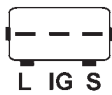
**115849** Alternator 28 V, 55 Amp  
 Replacing: AAK5832, 11.204.412  
 Servicing: Deutz-Fahr, John Deere, KHD  
 Grooves 1, Total length 187.00, Pulley P,  
 Fan IF  
 A: 33.50 B: 13.80 C: 82.00 mm

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**115850\*** Alternator 14 V, 70 Amp  
 Replacing: AAK5117, 11.201.670  
 Servicing: Deutz-Fahr  
 Pulley w/o, Fan IF

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**115851** Alternator 28 V, 60 Amp  
 Replacing: AAK5852, AAK5365, 11.204.584,  
 11.203.100  
 Servicing: AGCO POWER ( SISU DIESEL )  
 Terminal W, Total length 190.00,  
 Pulley w/o, Fan IF  
 B: 56.00 mm



**115871** Alternator 28 V, 90 Amp  
 Manufacturer: Mitsubishi  
 Replacing: AAN5795, 11.209.454  
 Servicing: Iveco  
 Grooves 12, Total length 204.00,  
 Pulley SP, Fan IF  
 Alternative no.: 112427  
 A: 90.00 B: 58.00 mm



**115873** Alternator 14 V, 55 Amp  
 Manufacturer: Marelli  
 Replacing: AAK4530, 11.201.585  
 Servicing: Alfa Romeo, Fiat, Iveco  
 Grooves 1, Total length 172.00, Pulley P,  
 Fan EF  
 Alternative no.: 111418  
 A: 49.00 B: 17.00 C: 65.00 mm

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**115899** Alternator 28 V, 55 Amp  
 Replacing: AAK5808, AAK5584, 11.204.116,  
 11.203.441  
 Servicing: JCB  
 Terminal W, Grooves 8,  
 Total length 201.00, Pulley SP, Fan IF  
 Dust proof.  
 A: 32.00 B: 14.20 C: 78.00 mm

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**115970** Alternator 14 V, 55 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAG5133, AAG5132, AAG5116,  
 11.204.073, 11.204.067, 11.203.726  
 Servicing: JCB  
 Terminal W, Grooves 1,  
 Total length 166.00, Pulley P, Fan IF  
 A: 43.50 B: 18.00 C: 57.00 mm

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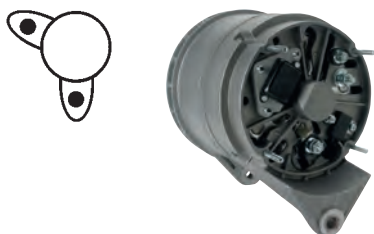
**115971** Alternator 14 V, 55 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: AAG5138, AAG5131, 11.204.454, 11.203.970  
 Servicing: Deutz-Fahr, KHD  
 Grooves 1, Total length 159.00, Pulley P, Fan IF  
 A: 43.50 B: 19.00 C: 67.00 mm

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**116018\*** Alternator 28 V, 55 Amp  
 Replacing: AAK1385, 11.201.753  
 Servicing: Deutz-Fahr  
 Grooves 1, Pulley P, Fan EF  
 Dust proof.

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**116023** Alternator 28 V, 50 Amp  
 Replacing: AAK4362, AAK4335, 11.203.461, 11.203.369  
 Servicing: John Deere  
 Terminal W, Grooves 8,  
 Total length 188.00, Pulley SP, Fan EF  
 Dust proof.  
 A: 79.00 B: 51.00 mm



**116063** Alternator 28 V, 140 Amp  
 Replacing: 11.203.241, 11.203.240, 11.203.139, 11.201.895, 11.201.757, 11.201.519  
 Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles  
 Terminal W, Total length 302.00,  
 Pulley w/o, Fan EF  
 w/o bushing in rear brackethole. B- M8. Shaft 30 mm. Heavy duty type: HC-CARGO 113589. 180 A.  
 Alternative no.: 111833  
 B: 15.70 C: 182.00 mm



**116067** Alternator 14 V, 150 Amp  
 Replacing: AAN5549, 11.204.006, 11.203.512  
 Servicing: Citroen, Peugeot  
 Total length 177.50, Pulley w/o, Fan IF  
 As HC-CARGO 113640, but w/o pulley.  
 Alternative no.: 113640  
 B: 21.20 C: 45.80 mm

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**116111** Alternator 14 V, 80 Amp  
 Manufacturer: Lucas  
 Replacing: AAK4345, AAK3354, AAK1882, 11.203.888, 11.203.393, 11.201.983  
 Pulley w/o, Fan EF





**110348** Alternator 14 V, 55 Amp

Replacing: T2223701010, T222-3701010, 37.3701, 224-373701, 224-370701, 2108370101010, 21083701010

Servicing: Lada

Grooves 1, Total length 162.00, Pulley P, Fan EF

A: 45.00 B: 19.60 C: 63.00 mm



**110350** Alternator 14 V, 44 Amp

Replacing: KAT3KT22214B, 222-3701010, 222-3701005, 2105370101010, 21053701010, 2105-3701010, 2105-3701005

Servicing: Fiat, Lada

Grooves 1, Total length 182.00, Pulley P, Fan EF

A: 46.50 B: 19.50 C: 60.50 mm



**111811** Alternator 14 V, 80 Amp

Manufacturer: Mahle Letrika

Replacing: 9402.3701-14, 9402-3701000, 5102.3771, 211203701010008, 2112-3701010-08, 2112-3701010, 2112-37001010

Servicing: Lada

Grooves 6, Total length 187.00, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm



**112191** Alternator 14 V, 80 Amp

Manufacturer: Mahle Letrika

Replacing: 9412.3701, 21214-3701010, 2121-43701010

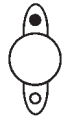
Servicing: Lada

Grooves 1, Total length 183.50, Pulley P, Fan EF

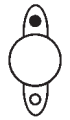
A: 81.40 B: 56.00 mm



**110371** Alternator 14 V, 50 Amp  
 Replacing: 8EA2018N  
 Servicing: Carrier Transcold, Kubota  
 Terminal W, Grooves 1,  
 Total length 188.00, Pulley P, Fan EF  
 B: 27.00 mm



**110801** Alternator 28 V, 45 Amp  
 Replacing: A0012303JB, 2303JB  
 Servicing: Atlas Copco, Case, Caterpillar,  
 Cummins, Fiat-Allis, International  
 Terminal W, Total length 270.00,  
 Pulley w/o, Fan EF  
 B: 14.80 C: 100.00 mm



**110937** Alternator 14 V, 200 Amp  
 Replacing: 7064A, 4725JA, 4625JA, 4425JA,  
 2805J, 2800LJ, 2500J, 2400JB, 2400J,  
 2360JB, 2360J, 2300JC, 2300JB  
 Servicing: Cadillac, Caterpillar, International  
 Terminal W, Total length 230.00,  
 Pulley w/o, Fan EF, Insulated return  
 B: 15.00 C: 102.00 mm



**112159** Alternator 28 V, 80 Amp  
 Replacing: BCA3920  
 Servicing: DAF, MAN, Mercedes-Benz,  
 Renault V.I.  
 Terminal W, Total length 186.00,  
 Pulley w/o, Fan EF  
 B: 80.40 mm



**112560** Alternator 28 V, 140 Amp  
 Replacing: A0014727JB, 4727JB  
 Servicing: Cummins  
 Total length 283.00, Pulley w/o, Fan EF,  
 Insulated return  
 B: 14.00 C: 102.00 mm



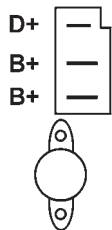
**113651** Alternator 14 V, 160 Amp  
 Replacing: A0012700LC, A0012700JB,  
 A0012670LC, A0012670JB, A001090557,  
 A001090550, A001090546, A001090524  
 Servicing: Various Industrial applications  
 Total length 251.00, Pulley w/o, Fan EF  
 B: 13.80 C: 103.30 mm



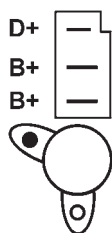
**115386** alternator 28 V, 140 Amp  
 Replacing: BLD3314GH, BLD3314C, BLD3314  
 Servicing: Various Agriculture Vehicles,  
 Various Industrial applications  
 Total length 279.00, Pulley w/o, Fan EF  
 B: 14.00 C: 102.00 mm



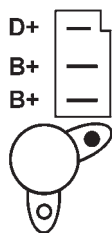
**115387** alternator 28 V, 140 Amp  
 Replacing: BLP3317A, BLP3317  
 Servicing: Various Agriculture Vehicles,  
 Various Industrial applications  
 Total length 280.00, Pulley w/o, Fan EF  
 B: 80.00 mm



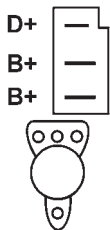
**110107** Alternator 14 V, 55 Amp  
 Replacing: 24204A, 24204, 24124B, 24124A, 24124, 24033A, 24033  
 Servicing: Massey Ferguson  
 Total length 165.00, Pulley w/o, Fan w/o  
 B: 27.00 mm



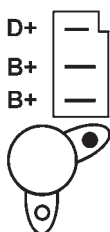
**110178** Alternator 14 V, 36 Amp  
 Manufacturer: Lucas  
 Replacing: 54022165, 54022083, 54022032, 54022017, 54022006, 54021993, 54021918, 54021917, 54021898, 54021868  
 Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Rover  
 Total length 164.00, Pulley w/o, Fan EF  
 B: 10.00 C: 87.00 mm



**110179** Alternator 14 V, 36 Amp  
 Manufacturer: Lucas  
 Replacing: 54022084, 54022011, 54021985, 54021845, 54021810, 54021493, 24180A, 24180, 24153A, 24153, 24141  
 Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall  
 Total length 162.00, Pulley w/o, Fan EF  
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.  
 B: 9.75 C: 88.00 mm



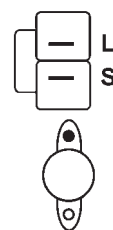
**110497** Alternator 14 V, 70 Amp  
 Replacing: NAB900, 66921126, 66021155, 66021070  
 Servicing: Austin-Healey, Various Agriculture Vehicles  
 Terminal W, Grooves 1,  
 Total length 166.00, Pulley P, Fan EF  
 w/ mounting bearing bracket for left and right engine side.  
 A: 42.50 B: 10.50 C: 84.00 mm



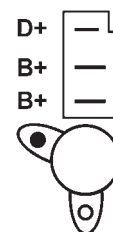
**110607** Alternator 14 V, 70 Amp  
 Replacing: 54022558, 54022516, 54022513, 54022374, 54022351, 54022301, 54022248, 54022222, 54022130, 24264B  
 Servicing: Ford  
 Grooves 4, Total length 201.50,  
 Pulley SP, Fan w/o  
 As HC-CARGO 111754, but w/o vacuum pump.  
 A: 33.70 B: 11.30 C: 83.00 mm



**110641** Alternator 14 V, 33 Amp  
 Replacing: 24171A, 24171  
 Servicing: Bosch, BPM, Case, Claas, Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer, Lamborghini, Liebherr, Linde  
 Terminal W, Grooves 1,  
 Total length 162.00, Pulley P, Fan EF  
 A: 76.50 B: 56.00 mm



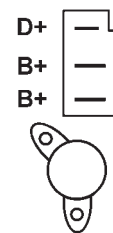
**110659** Alternator 14 V, 75 Amp  
 Replacing: A8520  
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth  
 Grooves 4, Total length 156.30,  
 Pulley SP, Fan IF  
 A: 38.15 B: 13.00 C: 55.00 mm



**110759** Alternator 14 V, 35 Amp  
 Replacing: 61920312  
 Servicing: Austin, Ford, Mercury  
 Grooves 1, Total length 160.00, Pulley P,  
 Fan EF  
 A: 36.15 B: 10.50 C: 79.00 mm



**110766** Alternator 28 V, 27 Amp  
 Replacing: A0924  
 Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr  
 Terminal W, Total length 170.00,  
 Pulley w/o, Fan EF  
 B: 56.00 mm



**110770** Alternator 14 V, 55 Amp  
 Replacing: 54022686, 54022625, 54022623, 54022621, 54022616, 54022590, 54022554, 54022536, 54022483, 54022458  
 Servicing: Austin, LDV, Massey Ferguson, MG, Rover  
 Terminal W, Total length 166.00,  
 Pulley w/o, Fan w/o  
 B: 12.00 C: 82.00 mm





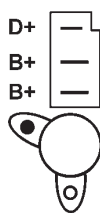
**110882** Alternator 14 V, 45 Amp  
 Replacing: 61920270  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same  
 Grooves 1, Total length 181.50, Pulley P, Fan w/o  
 A: 47.00 B: 16.25 C: 63.00 mm



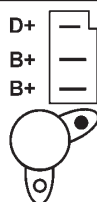
**110890** Alternator 14 V, 55 Amp  
 Replacing: 61920269  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same  
 Grooves 1, Total length 169.00, Pulley P, Fan w/o  
 A: 49.00 B: 17.00 C: 63.00 mm



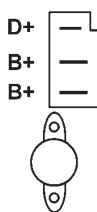
**110891** Alternator 14 V, 70 Amp  
 Replacing: 54022604, 54022603, 54022419, 54022388, 54022344, 54022340, 54022283, 54022279, 54022236, 54022233  
 Servicing: Ford, Land Rover, MG  
 Terminal W, Total length 169.00, Pulley w/o, Fan w/o  
 As HC-CARGO 114788, but w/o pulley.  
 B: 11.30 C: 83.00 mm



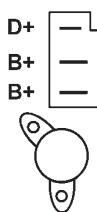
**110968** Alternator 14 V, 70 Amp  
 Replacing: NAB300, 66021113, 60921030, 60921029, 60210167, 60210165, 60210164, 60210163, 60210158, 60021066  
 Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra  
 Grooves 1, Total length 167.00, Pulley P, Fan EF  
 Pulley distance is ok from 34.00 to 43.00 mm.  
 A: 34.00 B: 11.00 C: 82.00 mm



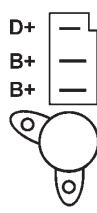
**110969** Alternator 14 V, 65 Amp  
 Manufacturer: Prestolite  
 Replacing: NAB301, 60921031, 60921028, 60210160, 60210159, 60021065, 60021061, 60021041, 60021015, 60021012  
 Servicing: Land Rover, Various Agriculture Vehicles  
 Grooves 1, Total length 167.50, Pulley P, Fan EF  
 A: 38.00 B: 11.00 C: 82.00 mm



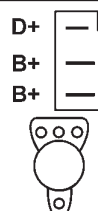
**110970** Alternator 14 V, 65 Amp  
 Manufacturer: Prestolite  
 Replacing: NAB302  
 Servicing: Massey Ferguson  
 Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 58.00 B: 27.10 mm



**110972** Alternator 14 V, 65 Amp  
 Manufacturer: Prestolite  
 Replacing: NAB304, 66021101, 60021056, 60021055, 60021054  
 Servicing: Opel, Various Agriculture Vehicles, Vauxhall  
 Grooves 1, Total length 167.50, Pulley P, Fan EF  
 A: 87.90 B: 56.00 mm



**110975** Alternator 14 V, 65 Amp  
 Manufacturer: Prestolite  
 Replacing: NAB307, 60021068, 60021067, 60021063, 60021026, 54021649  
 Servicing: Audi, Various Agriculture Vehicles, VW  
 Terminal W, Grooves 1, Total length 167.00, Pulley P, Fan EF  
 A: 82.85 B: 56.25 mm



**110977** Alternator 28 V, 35 Amp  
 Replacing: NAB901, NAB501  
 Servicing: Universal  
 Terminal W, Grooves 1, Total length 165.50, Pulley P, Fan EF  
 A: 41.80 B: 11.00 C: 84.00 mm



**111035** Alternator 14 V, 65 Amp  
 Replacing: 54022240, 54022171, 24214B, 24214A, 24214, 24213A, 24213, 24203B, 24203  
 Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava  
 Terminal W, Grooves 1, Total length 164.50, Pulley P, Fan EF  
 A: 52.00 B: 23.00 C: 74.00 mm



**111078** Alternator 14 V, 45 Amp  
 Replacing: 24041H, 24041F, 24041E, 24041A, 24041  
 Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava  
 Grooves 1, Total length 169.00, Pulley P, Fan EF  
 A: 53.25 B: 23.50 mm



**111086** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 61920400, 61920316, 61920315, 24149A, 24149, 24118J, 24118H, 24118A, 24118, 24062A, 24062, 24027B  
 Servicing: Austin, Ford, Mercury, MG, Rover  
 Grooves 1, Total length 170.00, Pulley P, Fan IF  
 A: 34.60 B: 10.80 C: 81.00 mm



**111148** Alternator 14 V, 65 Amp

Replacing: 54022420

Servicing: Autobianchi, Fiat, Lancia, Zastava  
Grooves 1, Total length 165.50, Pulley P, Fan w/o

A: 52.25 B: 23.00 C: 73.00 mm



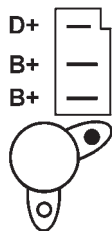
**111176** Alternator 14 V, 75 Amp

Replacing: 54022716, 54022652, 54022614, 54022602, 54022585, 54022584, 54022514, 54022474, 54022346, 54022330

Servicing: Ford, Land Rover, LDV, Rover  
Terminal W, Total length 166.50,  
Pulley w/o, Fan w/o

As HC-CARGO 114795, but w/o pulley.

B: 11.25 C: 81.65 mm



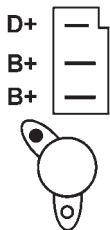
**111184** Alternator 14 V, 43 Amp

Replacing: 61920289, 61920287, 61920107, 54021987, 54021873, 54021764, 54021551, 54021351, 26024243, 24237A

Servicing: Ford, Land Rover, Massey Ferguson, Rover, Triumph, Vauxhall

Total length 186.00, Pulley w/o, Fan w/o  
For pulley w/ 17.00 mm bore use bushing:  
HC-CARGO 134894.

B: 9.85 C: 87.00 mm



**111185** Alternator 14 V, 43 Amp

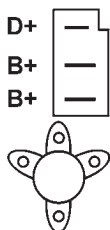
Manufacturer: Lucas

Replacing: 54021350, 26921046, 26021235, 24185, 24181A, 24134E, 24134A, 24134, 24099A, 24099, 24082A, 24082

Servicing: Austin, Case, Ford, Land Rover, LDV, Lotus, Massey Ferguson, MG, Morris, Rover, Triumph, Vauxhall

Total length 169.50, Pulley w/o, Fan IF  
For pulley w/ 17.00 mm bore use bushing:  
HC-CARGO 134894.

B: 9.80 C: 81.00 mm



**111204** Alternator 14 V, 70 Amp

Manufacturer: Prestolite

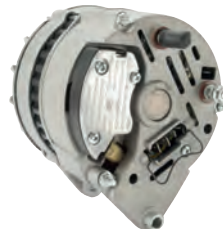
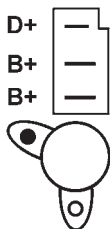
Replacing: NAB905, 24166A, 24166, 24017A, 24017, 24016A, 24016, 24014A, 24014, 23999B, 23999A, 23999, 23991A

Servicing: Case, Jaguar, TVR

Grooves 1, Total length 166.00, Pulley P, Fan EF

w/ mounting bearing bracket for left and right engine side.

A: 54.15 B: 27.00 mm



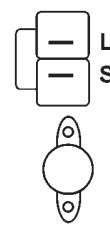
**111289** Alternator 14 V, 70 Amp

Replacing: 61920314, 61920311, 54022620, 54022572, 54022243, 54022147, 54021921, 54021919, 24318A, 24318

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

Terminal W, Grooves 1,  
Total length 175.00, Pulley P, Fan EF

A: 35.00 B: 12.50 C: 80.00 mm



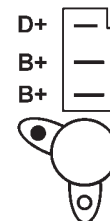
**111315** Alternator 14 V, 90 Amp

Replacing: 66021300

Servicing: Ford, Mazda

Grooves 5, Total length 155.50,  
Pulley SP, Fan IF

A: 37.65 B: 13.20 C: 66.45 mm



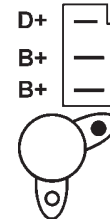
**111355** Alternator 14 V, 65 Amp

Replacing: 54022752, 54022647, 54022642, 54022639, 54022579, 54022428, 54022408, 54022382, 54022200, 54022176

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

Terminal W, Grooves 1,  
Total length 163.50, Pulley P, Fan EF

A: 37.00 B: 11.50 C: 81.00 mm



**111356** Alternator 14 V, 55 Amp

Replacing: 54022595, 54022581, 54022418, 54022410, 54022389, 54022342, 54022313, 54022291, 54022285, 54022234

Servicing: Ford, Various Agriculture Vehicles

Terminal W, Grooves 3, Pulley SP, Fan EF

A: 43.00 B: 10.80 C: 81.00 mm



**111361** Alternator 14 V, 67 Amp

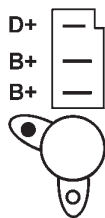
Replacing: 54022664, 54022662, 54022654, 54022653, 54022608, 54022375, 54022308, 24418, 24411, 24286F, 24286A

Servicing: Nissan

Terminal W, Grooves 4,  
Total length 176.50, Pulley SP, Fan EF

A: 69.65 B: 25.00 C: 81.00 mm



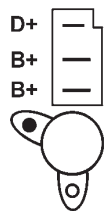


**111362** Alternator 14 V, 55 Amp

Replacing: 54022803, 54022740, 54022695, 54022668, 54022598, 54022335, 54022241, 54022211, 54022182, 54022160

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

Terminal W, Grooves 1,  
Total length 165.50, Pulley P, Fan EF  
A: 34.50 B: 11.00 C: 81.00 mm

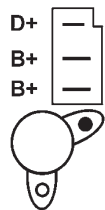


**111363** Alternator 14 V, 45 Amp

Replacing: 54022481, 54022310, 54022292, 24327A, 24256C, 24256B, 24256A, 24256, 24246J, 24246F, 24246B, 24246A

Servicing: Ford, New Holland

Terminal W, Grooves 1,  
Total length 165.25, Pulley P, Fan EF  
A: 36.70 B: 11.00 C: 83.00 mm

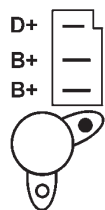


**111364** Alternator 14 V, 55 Amp

Replacing: 54022593, 54022586, 54022385, 54022266, 54022227, 54022218, 54022213, 54022183, 54022152, 54022151

Servicing: Ford, Rover

Terminal W, Grooves 1,  
Total length 166.00, Pulley P, Fan EF  
A: 35.50 B: 12.50 C: 81.00 mm

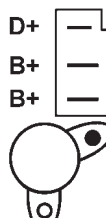


**111366** Alternator 14 V, 45 Amp

Replacing: 54022401, 54022274, 54022265, 54022264, 54022246, 54022228, 54022207, 54022196, 54022166, 54022145

Servicing: Land Rover, LDV

Terminal W, Total length 166.00,  
Pulley w/o, Fan w/o  
B: 11.00 C: 81.00 mm



**111368** Alternator 14 V, 70 Amp

Replacing: 54022754, 54022747, 54022700, 54022617, 54022589, 54022519, 54022518, 54022517, 54022449, 54022448

Servicing: Ford

Terminal W, Grooves 1,  
Total length 166.50, Pulley P, Fan EF  
A: 34.90 B: 12.00 C: 82.60 mm



**111418** Alternator 14 V, 60 Amp

Replacing: 61920275

Servicing: Alfa Romeo, Fiat, Iveco

Grooves 1, Total length 165.50, Pulley P, Fan EF

Alternative no.: 115873 ★

A: 49.00 B: 17.00 C: 66.00 mm



**111495** Alternator 14 V, 40 Amp

Replacing: LRA002043

Servicing: Hyster, Mitsubishi, Sumitomo, Yale

Grooves 1, Total length 161.00, Pulley P, Fan IF

A: 42.00 B: 13.00 C: 81.50 mm



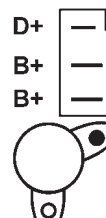
**111510** Alternator 28 V, 55 Amp

Replacing: 47020090, 47020083, 47020061

Servicing: Ford, Perkins

Terminal W, Pulley w/o, Fan EF, Insulated return

B: 10.00 C: 82.00 mm



**111569** Alternator 28 V, 30 Amp

Replacing: 54022711, 54022619, 54022578, 54022415, 24413, 24406, 24299

Servicing: DAF, LDV International

Terminal W, Total length 176.00,  
Pulley w/o, Fan w/o

B: 11.70 C: 82.80 mm



**111623** Alternator 14 V, 70 Amp

Replacing: 54022708, 54022689, 54022615, 54022610, 54022588, 54022583, 54022575, 54022565, 54022564, 54022557

Servicing: Ford

Terminal W, Grooves 4,  
Total length 201.50, Pulley SP, Fan EF

Alternative no.: 115890 ★

A: 33.00 B: 11.80 C: 83.40 mm



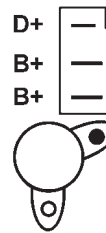
**111626** Alternator 14 V, 90 Amp

Replacing: LRA0468

Servicing: Mitsubishi

Grooves 2, Total length 178.00,  
Pulley DP, Fan IF

A: 42.00 B: 13.20 C: 54.60 mm



**111738** Alternator 14 V, 65 Amp

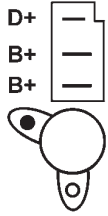
Replacing: 61920310, 54022789, 54022628, 54022390, 54022379, 54022254, 24290A, 24290

Servicing: Rover

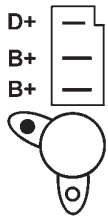
Terminal W, Total length 168.00,  
Pulley w/o, Fan w/o

B: 11.00 C: 82.00 mm

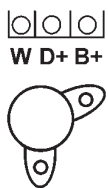




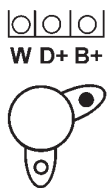
**111739** Alternator 14 V, 55 Amp  
 Replacing: 54022336, 24273A, 24273  
 Servicing: Ford, New Holland  
 Terminal BS/W, Total length 167.00,  
 Pulley w/o, Fan EF  
 w/ battery sensor terminal.  
 B: 11.40 C: 82.30 mm



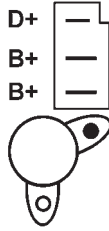
**111740** Alternator 14 V, 70 Amp  
 Replacing: 54022337, 24448, 24400, 24274A,  
 24274, 24250B, 24250A, 24250, 24186D,  
 24186B, 24186A, 24186  
 Servicing: Ford  
 Terminal BS/W, Grooves 1,  
 Total length 167.00, Pulley P, Fan EF  
 w/ battery sensor terminal.  
 A: 35.50 B: 11.30 C: 82.70 mm



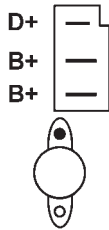
**111741** Alternator 14 V, 70 Amp  
 Replacing: 54022601, 54022600, 54022378,  
 54022323, 54022322, 24308A, 24308, 24257F,  
 24257D, 24257A, 24257  
 Servicing: Ford  
 Terminal W, Total length 170.00,  
 Pulley w/o, Fan w/o  
 B: 11.50 C: 81.00 mm



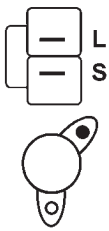
**111742** Alternator 14 V, 70 Amp  
 Replacing: 54022708, 54022689, 54022610,  
 54022588, 54022583, 54022582, 54022575,  
 54022565, 54022564, 54022557  
 Servicing: Ford  
 Terminal W, Grooves 4,  
 Total length 258.50, Pulley SP, Fan EF  
 A: 34.00 B: 12.00 C: 83.00 mm



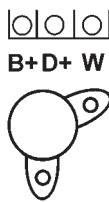
**111754** Alternator 14 V, 70 Amp  
 Replacing: 54022569, 54022558, 54022539,  
 54022538, 54022516, 54022515, 54022512,  
 54022374, 54022373, 54022351  
 Servicing: Ford  
 Grooves 4, Total length 260.00,  
 Pulley SP, Fan w/o  
 w/o vacuum pump: HC-CARGO 110607.  
 A: 33.65 B: 12.25 C: 82.70 mm



**111948** Alternator 14 V, 70 Amp  
 Replacing: 24123P, 24123B, 24123A, 24123,  
 24087D, 24087B, 24087A, 24087, 24022A,  
 24022, 24019A, 24019, 23880A  
 Servicing: Massey Ferguson  
 Terminal W, Total length 159.00,  
 Pulley w/o, Fan EF  
 B: 29.00 mm



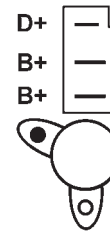
**111956** Alternator 14 V, 75 Amp  
 Replacing: LRA0469  
 Servicing: Mitsubishi  
 Grooves 2, Total length 173.00,  
 Pulley DP, Fan IF  
 A: 41.00 B: 13.00 C: 55.00 mm



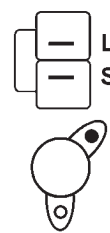
**112021** OE Alternator 14 V, 100 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 54022498, 54022459  
 Terminal W, Grooves 7,  
 Total length 194.00, Pulley SP, Fan IF  
 A: 31.00 B: 13.50 C: 83.50 mm



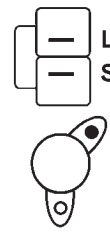
**112097** Alternator 28 V, 30 Amp  
 Replacing: LRA2378, A0828, 61920271  
 Servicing: Allis Chalmers, Astra, Fahr, Iveco,  
 Laverda  
 Grooves 1, Total length 174.00, Pulley P,  
 Fan w/o  
 A: 45.00 B: 17.00 C: 63.00 mm



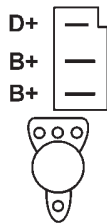
**112112** Alternator 14 V, 70 Amp  
 Replacing: 57020057, 47020089, 47020088,  
 47020086, 47020084, 47020068, 47020067,  
 47020065, 47020059, 47020057  
 Servicing: Perkins, Sabre, Yanmar  
 Terminal W, Grooves 1,  
 Total length 170.50, Pulley P, Fan EF,  
 Insulated return  
 A: 45.00 B: 11.50 C: 82.50 mm



**112128** Alternator 14 V, 75 Amp  
 Replacing: 61920401, 61920334, 54021851  
 Servicing: Mitsubishi  
 Grooves 2, Total length 226.00,  
 Pulley DP, Fan IF  
 A: 42.00 B: 13.00 C: 55.10 mm



**112205** Alternator 14 V, 90 Amp  
 Replacing: 61920402, 61920335  
 Servicing: Hyundai, Mitsubishi  
 Grooves 2, Total length 251.00,  
 Pulley DP, Fan IF  
 A: 42.00 B: 13.10 C: 54.90 mm



**112237** Alternator 14 V, 70 Amp  
 Replacing: NAB900M  
 Servicing: Various  
 Terminal W, Grooves 1,  
 Total length 175.00, Pulley P, Fan EF,  
 Insulated return  
 Pulley distance is ok from 34.00 to 43.00 mm.  
 A: 34.00 B: 10.90 C: 84.00 mm



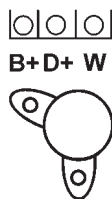
**112238** Alternator 14 V, 65 Amp  
 Replacing: 54022663, 54022646, 54022591,  
 54022552, 54022510, 54022393, 54022268,  
 54022267, 54022256, 54022220  
 Servicing: Austin, DAF, Land Rover, LDV, Rover  
 Terminal W, Grooves 1,  
 Total length 168.00, Pulley P, Fan EF  
 A: 36.00 B: 11.50 C: 81.70 mm



**112529** Alternator 14 V, 90 Amp  
 Replacing: LRA1860  
 Servicing: Daewoo, John Deere, Mercedes-Benz,  
 Ssangyong  
 Terminal W, Grooves 6,  
 Total length 200.00, Pulley SP, Fan IF  
 A: 92.00 B: 56.10 mm



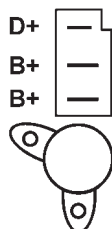
**112650** Alternator 14 V, 65 Amp  
 Manufacturer: Lucas  
 Replacing: 26021117  
 Servicing: Tata  
 Terminal W, Grooves 4,  
 Total length 233.00, Pulley SP, Fan EF  
 A: 42.00 B: 14.75 C: 81.00 mm



**112698** Alternator 14 V, 100 Amp  
 Replacing: 54022549  
 Servicing: Ford  
 Terminal W, Grooves 6,  
 Total length 178.00, Pulley SP, Fan IF  
 A: 33.00 B: 14.10 C: 83.30 mm



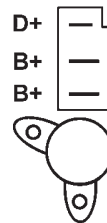
**112718** Alternator 14 V, 100 Amp  
 Replacing: 54022527, 54022443  
 Servicing: Ford, New Holland  
 Terminal W, Grooves 6,  
 Total length 189.00, Pulley SP, Fan IF  
 A: 32.00 B: 14.00 C: 83.80 mm



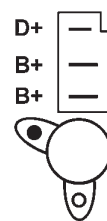
**112722** Alternator 14 V, 70 Amp  
 Replacing: 54022751, 54022746, 54022656,  
 54022580, 54022561, 54022560, 54022532,  
 54022530, 54022529, 54022528  
 Servicing: Massey Ferguson  
 Terminal W, Total length 165.00,  
 Pulley w/o, Fan EF  
 B: 10.50 C: 83.50 mm



**113376** Alternator 14 V, 55 Amp  
 Replacing: 61920201  
 Servicing: Bedford, Opel, Vauxhall  
 Terminal W, Grooves 1,  
 Total length 167.50, Pulley P, Fan EF  
 A: 76.60 B: 56.20 mm



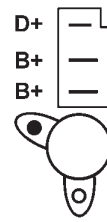
**113378** Alternator 14 V, 45 Amp  
 Replacing: 61920286, 54021879, 24211A,  
 24079, 24072, 23993, 23846, 23830, 23814,  
 23807, 23740, 23739, 23697  
 Servicing: Austin, Ford, Land Rover  
 Terminal S, Total length 166.00,  
 Pulley w/o, Fan w/o  
 B: 9.10 C: 87.80 mm



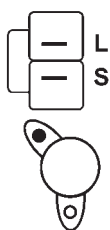
**113474** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 54022007, 54022001, 24090D,  
 24090A, 24090, 24067D, 24067A, 24067,  
 24034A, 24034, 24015A, 24015  
 Servicing: Austin, Landini, Massey Ferguson,  
 Rover  
 Terminal W, Grooves 1,  
 Total length 171.50, Pulley P, Fan EF  
 A: 35.90 B: 11.00 C: 82.55 mm



**113543** Alternator 14 V, 55 Amp  
 Replacing: LRA02116  
 Servicing: John Deere  
 Terminal W, Grooves 8,  
 Total length 190.00, Pulley SP, Fan EF  
 A: 78.40 B: 50.75 mm



**113574** Alternator 14 V, 65 Amp  
 Replacing: 24049B, 24049A, 24049, 23680D,  
 23680A, 23680  
 Servicing: Case, New Holland, Valtra  
 Terminal W, Grooves 1,  
 Total length 177.50, Pulley P, Fan EF  
 A: 36.85 B: 10.40 C: 83.00 mm



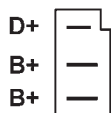
**113600** Alternator 14 V, 90 Amp  
 Replacing: LRA03022  
 Servicing: Bobcat  
 Grooves 1, Total length 173.00, Pulley P, Fan IF  
 A: 37.50 B: 13.00 C: 57.70 mm



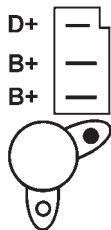
**113683** Alternator 14 V, 36 Amp  
 Manufacturer: Lucas  
 Replacing: 40001C01, 26921168A, 26921168, 26021278, 26021276, 004001C01  
 Servicing: Mahindra  
 Grooves 1, Pulley P, Fan EF  
 A: 90.60 B: 56.00 mm



**113710** Alternator 14 V, 140 Amp  
 Replacing: LRS2853  
 Servicing: Ford  
 Pulley w/o, Fan IF  
 B: 14.00 C: 69.00 mm



**113713** Alternator 14 V, 80 Amp  
 Replacing: 47020069, 47020063, 47020062, 47020058, 47020056, 47020054  
 Servicing: Lister  
 Terminal W, Grooves 1,  
 Total length 169.10, Pulley P, Fan EF  
 A: 45.50 B: 11.20 C: 83.00 mm



**113714** Alternator 28 V, 55 Amp  
 Replacing: 47020060  
 Servicing: Sabre  
 Terminal W, Grooves 1,  
 Total length 169.00, Pulley P, Fan EF,  
 Insulated return  
 A: 45.50 B: 11.20 C: 83.00 mm



**113763** Alternator 14 V, 85 Amp  
 Replacing: 54022606, 54022524, 54022469, 54022466, 24480, 24479  
 Servicing: JCB, Land Rover, Various Industrial applications  
 Terminal W, Pulley w/o, Fan IF  
 C: 82.00 mm



**113920** Alternator 28 V, 35 Amp  
 Replacing: 24271  
 Servicing: MAN, Mercedes-Benz, Padane  
 Terminal W, Total length 176.00,  
 Pulley w/o, Fan w/o  
 B: 80.40 mm



**114360** Alternator 14 V, 70 Amp  
 Replacing: 54022616A, 114360  
 Servicing: JCB, Massey Ferguson  
 Terminal W, Total length 164.00,  
 Pulley w/o, Fan w/o  
 B: 11.50 C: 83.00 mm

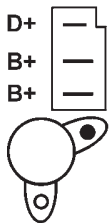


**115873** Alternator 14 V, 55 Amp  
 Manufacturer: Marelli  
 Replacing: 61920275  
 Servicing: Alfa Romeo, Fiat, Iveco  
 Grooves 1, Total length 172.00, Pulley P,  
 Fan EF  
 Alternative no.: 111418  
 A: 49.00 B: 17.00 C: 65.00 mm



**115890** Alternator 14 V, 70 Amp  
 Manufacturer: Lucas  
 Replacing: 54022708, 54022689, 54022615, 54022610, 54022588, 54022583, 54022575, 54022565, 54022564, 54022557  
 Servicing: Ford  
 Terminal W, Total length 200.00,  
 Pulley w/o, Fan EF  
 Alternative no.: 111623  
 B: 11.80 C: 81.50 mm





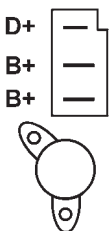
**110607** Alternator 14 V, 70 Amp  
 Replacing: 63324264  
 Servicing: Ford  
 Grooves 4, Total length 201.50,  
 Pulley SP, Fan w/o  
 As HC-CARGO 111754, but w/o vacuum pump.  
 A: 33.70 B: 11.30 C: 83.00 mm



**110611** Alternator 14 V, 55 Amp  
 Replacing: 63304800, 63303500, 63303192,  
 63303191, 63303150, 63303140, 63303130,  
 63303120, 63303110, 63303100  
 Servicing: Allis Chalmers, Fiat, Seat  
 Grooves 1, Total length 175.00, Pulley P,  
 Fan EF  
 Regulator: HC-CARGO 130613.  
 A: 48.00 B: 17.00 C: 65.00 mm



**110619** Alternator 14 V, 70 Amp  
 Replacing: 63341770, 63341641, 63321770,  
 63321641  
 Servicing: Citroen, Peugeot  
 Grooves 1, Total length 170.00, Pulley P,  
 Fan IF  
 A: 95.00 B: 56.10 mm



**110770** Alternator 14 V, 55 Amp  
 Replacing: 63324157  
 Servicing: Austin, LDV, Massey Ferguson, MG,  
 Rover  
 Terminal W, Total length 166.00,  
 Pulley w/o, Fan w/o  
 B: 12.00 C: 82.00 mm



**110881** Alternator 14 V, 55 Amp  
 Replacing: 943356826  
 Servicing: Deutz-Fahr, Fendt, Kramer,  
 Marshall, Volvo  
 Terminal W, Grooves 2,  
 Total length 170.00, Pulley DP, Fan EF  
 A: 88.00 B: 56.00 mm



**110882** Alternator 14 V, 45 Amp  
 Replacing: 943356305, 943321044,  
 943320021, 943305226, 63321037, 63321036,  
 63321035, 63320021, 63307256  
 Servicing: Alfa Romeo, Fiat, Iveco,  
 Lamborghini, Same  
 Grooves 1, Total length 181.50, Pulley P,  
 Fan w/o  
 A: 47.00 B: 16.25 C: 63.00 mm



**110890** Alternator 14 V, 55 Amp  
 Replacing: 943356353, 943320023, 63321180,  
 63321041, 63320100, 63320023, 63307841,  
 63307536, 63307526  
 Servicing: Alfa Romeo, Fiat, Iveco,  
 Lamborghini, Same  
 Grooves 1, Total length 169.00, Pulley P,  
 Fan w/o  
 A: 49.00 B: 17.00 C: 63.00 mm



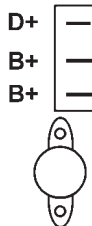
**110891** Alternator 14 V, 70 Amp  
 Replacing: 63324233  
 Servicing: Ford, Land Rover, MG  
 Terminal W, Total length 169.00,  
 Pulley w/o, Fan w/o  
 As HC-CARGO 114788, but w/o pulley.  
 B: 11.30 C: 83.00 mm



**110899** Alternator 14 V, 33 Amp  
 Replacing: 63362006, 63362004, 63362003,  
 63300506  
 Servicing: Agrifull, DAF, Fiat, Volvo  
 Grooves 1, Total length 162.00, Pulley P,  
 Fan EF  
 Regulator: HC-CARGO 130675.  
 A: 48.45 B: 24.00 C: 74.00 mm



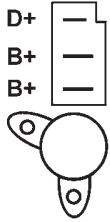
**110911** Alternator 14 V, 55 Amp  
 Replacing: 63305722, 63305721  
 Servicing: Audi, Peugeot, Saab, VW  
 Grooves 1, Total length 171.00, Pulley P,  
 Fan EF  
 A: 77.64 B: 56.00 mm



**110912** Alternator 14 V, 55 Amp  
 Replacing: 63321493, 63321197, 63321172,  
 63321080, 63321071, 63321061, 63321010,  
 63321008, 63320141, 63320128  
 Servicing: Abarth, Alfa Romeo, Ferrari, Fiat,  
 Fiat-Allis, Lancia, Pininfarina, Seat  
 Grooves 1, Total length 162.50, Pulley P,  
 Fan EF  
 A: 44.50 B: 16.40 C: 66.00 mm



**110913** Alternator 14 V, 70 Amp  
 Replacing: 943356442  
 Servicing: Audi, VW  
 Terminal W, Pulley w/o, Fan w/o  
 B: 56.00 mm



**110923** Alternator 14 V, 55 Amp  
 Replacing: 943356621  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 176.00,  
 Pulley SP, Fan EF  
 A: 92.00 B: 56.00 mm



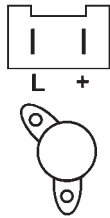
**111035** Alternator 14 V, 65 Amp  
 Replacing: 63505101, 63321154, 63321005,  
 63321003, 63320130, 63320056, 63320028,  
 63320004, 63307431, 63307401  
 Servicing: Audi, Autobianchi, Case, Fiat,  
 Innocenti, Lancia, VW, Zastava  
 Terminal W, Grooves 1,  
 Total length 164.50, Pulley P, Fan EF  
 A: 52.00 B: 23.00 C: 74.00 mm



**111036** Alternator 14 V, 45 Amp  
 Replacing: MAN342, 63321189, 63321113,  
 63321000, 63320001  
 Servicing: Autobianchi, Fiat, Lancia  
 Grooves 1, Pulley P, Fan EF  
 A: 56.80 B: 32.25 mm



**111078** Alternator 14 V, 45 Amp  
 Replacing: 63321001, 63320002, 63308731,  
 63308701, 63307128, 63307126, 63307108,  
 63307106, 63306731, 63306721  
 Servicing: Autobianchi, Fiat, Lancia, Seat,  
 Zastava  
 Grooves 1, Total length 169.00, Pulley P,  
 Fan EF  
 A: 53.25 B: 23.50 mm



**111082** Alternator 14 V, 60 Amp  
 Replacing: 94335657, 943321083, 63396554,  
 63321114, 63321083, 63320039  
 Servicing: Renault  
 Grooves 1, Total length 178.25, Pulley P,  
 Fan EF  
 A: 100.95 B: 56.00 mm



**111085** Alternator 14 V, 55 Amp  
 Replacing: 943356823  
 Servicing: Volvo  
 Grooves 2, Total length 172.25,  
 Pulley DP, Fan EF  
 A: 91.95 B: 71.00 mm



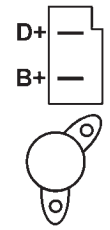
**111138** Alternator 14 V, 45 Amp  
 Replacing: 63307120, 63307100, 63305130,  
 63305100, 63305000, 63303780  
 Servicing: Fiat, Lancia, Seat  
 Grooves 1, Total length 167.00, Pulley P,  
 Fan EF  
 A: 46.35 B: 17.00 C: 63.00 mm



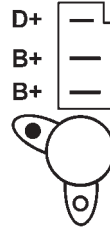
**111148** Alternator 14 V, 65 Amp  
 Replacing: 943321023, 63321510, 63321070,  
 63321068, 63321023, 63321007, 63320055,  
 63320035, 63320016, 63307634  
 Servicing: Autobianchi, Fiat, Lancia, Zastava  
 Grooves 1, Total length 165.50, Pulley P,  
 Fan w/o  
 A: 52.25 B: 23.00 C: 73.00 mm



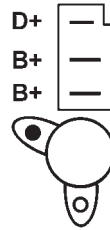
**111153** Alternator 14 V, 55 Amp  
 Replacing: 63305820, 63305800  
 Servicing: Alfa Romeo  
 Grooves 1, Total length 169.00, Pulley P,  
 Fan EF  
 A: 52.00 B: 27.00 mm



**111180** Alternator 14 V, 33 Amp  
 Replacing: 943356274, 63300931, 63300921,  
 63300920, 63300901, 63300900, 63300802,  
 63300521, 30680274  
 Servicing: Fiat, Fiat-Allis, Lamborghini,  
 Same, Zastava  
 Grooves 1, Pulley P, Fan EF  
 A: 49.00 B: 25.00 C: 74.00 mm

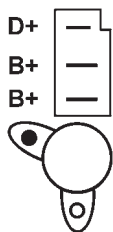


**111289** Alternator 14 V, 70 Amp  
 Replacing: 943358010, 943356639,  
 943356633, 63358020, 63358010  
 Servicing: Austin, Case, Dronningborg, Ford,  
 Land Rover, Massey Ferguson, MG, Morris, Rover  
 Terminal W, Grooves 1,  
 Total length 175.00, Pulley P, Fan EF  
 A: 35.00 B: 12.50 C: 80.00 mm

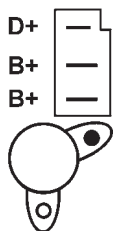


**111355** Alternator 14 V, 65 Amp  
 Replacing: 63324387, 63324294, 63324245,  
 54208288  
 Servicing: Austin, Dronningborg, Massey Ferguson,  
 MG, New Holland, Nissan, Rover, Universal, Valtra  
 Terminal W, Grooves 1,  
 Total length 163.50, Pulley P, Fan EF  
 A: 37.00 B: 11.50 C: 81.00 mm

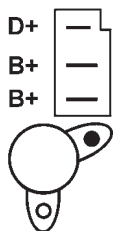




**111363** Alternator 14 V, 45 Amp  
 Replacing: 63325256, 63324327  
 Servicing: Ford, New Holland  
 Terminal W, Grooves 1,  
 Total length 165.25, Pulley P, Fan EF  
 A: 36.70 B: 11.00 C: 83.00 mm



**111364** Alternator 14 V, 55 Amp  
 Replacing: 63324296, 63324145  
 Servicing: Ford, Rover  
 Terminal W, Grooves 1,  
 Total length 166.00, Pulley P, Fan EF  
 A: 35.50 B: 12.50 C: 81.00 mm



**111368** Alternator 14 V, 70 Amp  
 Replacing: 63324231  
 Servicing: Ford  
 Terminal W, Grooves 1,  
 Total length 166.50, Pulley P, Fan EF  
 A: 34.90 B: 12.00 C: 82.60 mm



**111409** Alternator 14 V, 100 Amp  
 Replacing: 63321800, 63321349, 63321246,  
 63321241, 63320292, 63320256, 63320226  
 Servicing: Alfa Romeo, Fiat, Lancia  
 Grooves 7, Total length 207.00,  
 Pulley SP, Fan IF  
 A: 41.00 B: 22.00 C: 54.35 mm



**111411** Alternator 14 V, 75 Amp  
 Replacing: 63341712, 63341233, 63341200,  
 63321848, 63321712, 63321600, 63321470,  
 63321270, 63321233, 63321200  
 Servicing: Citroen, Fiat, Ford, Lancia, Peugeot  
 Grooves 4, Total length 189.50,  
 Pulley SP, Fan IF  
 A: 54.80 B: 32.00 mm



**111413** Alternator 14 V, 90 Amp  
 Replacing: 63321809, 63321614, 63321611,  
 63321311, 63321278  
 Servicing: Fiat, Lancia  
 Grooves 6, Total length 197.00,  
 Pulley SP, Fan IF  
 A: 43.90 B: 17.00 C: 54.90 mm



**111416** Alternator 14 V, 65 Amp  
 Replacing: 63321820, 63321661, 63321660,  
 63321616, 63321615, 63321367, 63321362,  
 63321282, 63321275, 63321251  
 Servicing: Citroen, Fiat  
 Grooves 6, Total length 199.00,  
 Pulley SP, Fan IF  
 A: 41.00 B: 17.00 C: 82.00 mm



**111418** Alternator 14 V, 60 Amp  
 Replacing: 63321044, 63321042, 63320024  
 Servicing: Alfa Romeo, Fiat, Iveco  
 Grooves 1, Total length 165.50, Pulley P,  
 Fan EF  
 Alternative no.: 115873   
 A: 49.00 B: 17.00 C: 66.00 mm



**111505** Alternator 14 V, 75 Amp  
 Replacing: 63321604, 63321603, 63321364,  
 63321300, 63321281, 63321235, 63320258,  
 63221604  
 Servicing: Fiat, Lancia  
 Grooves 4, Pulley SP, Fan IF  
 A: 45.00 B: 32.35 C: 83.55 mm



**111568** Alternator 14 V, 85 Amp  
 Replacing: 63321792, 63321489, 63321485,  
 63321453, 63321406, 63321332, 63321331,  
 63321237, 63321227  
 Servicing: Citroen, Fiat  
 Grooves 6, Total length 200.50,  
 Pulley SP, Fan IF  
 A: 41.00 B: 17.00 C: 82.00 mm

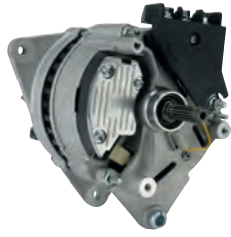


**111620** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 943321086, 943321084,  
 943321017, 63321153, 63321152, 63321096,  
 63321086, 63321084, 63321072  
 Servicing: Abarth, Alfa Romeo, Ferrari, Fiat,  
 Lancia, Pininfarina, Various Agriculture Vehicles  
 Grooves 5, Total length 172.00,  
 Pulley SP, Fan EF  
 A: 47.75 B: 16.30 C: 63.00 mm



**111621** Alternator 14 V, 55 Amp  
 Replacing: 63321067, 63320034  
 Servicing: Autobianchi, Fiat, Lancia  
 Grooves 1, Total length 162.00, Pulley P,  
 Fan EF  
 A: 57.50 B: 32.30 mm





**111623** Alternator 14 V, 70 Amp  
 Replacing: 63324293, 54022720  
 Servicing: Ford  
 Terminal W, Grooves 4,  
 Total length 201.50, Pulley SP, Fan EF  
 Alternative no.: 115890 ★  
 A: 33.00 B: 11.80 C: 83.40 mm



**111654** Alternator 14 V, 65 Amp  
 Replacing: 943321172, 63321199, 63321123,  
 63321077, 63321029, 63321017, 63320126,  
 63320020, 63320017, 63320013  
 Servicing: Fiat, Lancia  
 Total length 158.00, Pulley w/o, Fan EF  
 B: 16.00 C: 64.00 mm



**111686** Alternator 14 V, 65 Amp  
 Replacing: 943321019, 943320049, 63321146,  
 63321099, 63321031, 63321022, 63321021,  
 63321020, 63321019  
 Servicing: Alfa Romeo, Fiat, Iveco,  
 Lamborghini, Lancia, Laverda  
 Grooves 1, Total length 166.50, Pulley P,  
 Fan EF  
 A: 49.50 B: 17.00 C: 64.50 mm



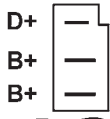
**111687** Alternator 14 V, 55 Amp  
 Replacing: 63321165, 63320094  
 Servicing: Fiat  
 Grooves 1, Total length 174.00, Pulley P,  
 Fan EF  
 A: 53.00 B: 23.50 mm



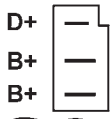
**111689** Alternator 14 V, 65 Amp  
 Replacing: 63321625, 63321609, 63321607,  
 63321606, 63321396, 63321295, 63321283,  
 63321252  
 Servicing: Fiat, Lancia  
 Grooves 5, Total length 199.00,  
 Pulley SP, Fan IF  
 A: 59.00 B: 25.00 C: 71.00 mm



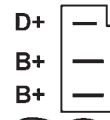
**111723** ★ Alternator 14 V, 70 Amp  
 Manufacturer: Valeo  
 Replacing: 63321771, 63321671  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 5, Total length 173.50,  
 Pulley SP, Fan IF  
 B: 56.00 mm



**111738** Alternator 14 V, 65 Amp  
 Replacing: 63324290  
 Servicing: Rover  
 Terminal W, Total length 168.00,  
 Pulley w/o, Fan w/o  
 B: 11.00 C: 82.00 mm



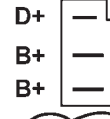
**111739** Alternator 14 V, 55 Amp  
 Replacing: 63324273  
 Servicing: Ford, New Holland  
 Terminal BS/W, Total length 167.00,  
 Pulley w/o, Fan EF  
 w/ battery sensor terminal.  
 B: 11.40 C: 82.30 mm



**111740** Alternator 14 V, 70 Amp  
 Replacing: 63324274  
 Servicing: Ford  
 Terminal BS/W, Grooves 1,  
 Total length 167.00, Pulley P, Fan EF  
 w/ battery sensor terminal.  
 A: 35.50 B: 11.30 C: 82.70 mm



**111742** Alternator 14 V, 70 Amp  
 Replacing: 63324293, 54022720  
 Servicing: Ford  
 Terminal W, Grooves 4,  
 Total length 258.50, Pulley SP, Fan EF  
 A: 34.00 B: 12.00 C: 83.00 mm



**111754** Alternator 14 V, 70 Amp  
 Replacing: 63324264  
 Servicing: Ford  
 Grooves 4, Total length 260.00,  
 Pulley SP, Fan w/o  
 w/o vacuum pump: HC-CARGO 110607.  
 A: 33.65 B: 12.25 C: 82.70 mm



**111756** Alternator 14 V, 65 Amp  
 Replacing: 63341238, 63321342, 63321238A,  
 63321238, 63320218  
 Servicing: MG, Rover  
 Grooves 5, Total length 181.00,  
 Pulley SP, Fan IF  
 A: 90.00 B: 57.90 mm



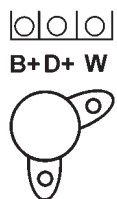
**111795** Alternator 14 V, 80 Amp  
 Replacing: 63377410, 63377402, 63341797, 63341697, 63341679, 63321697, 63321679, 63321279  
 Servicing: Ford  
 Grooves 6, Total length 164.00, Pulley SP, Fan IF  
 A: 12.50 B: 72.00 C: 53.00 mm



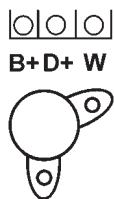
**111802** Alternator 14 V, 75 Amp  
 Replacing: 63321617, 63321361, 63321276, 63321205  
 Servicing: Fiat  
 Grooves 5, Total length 187.00, Pulley SP, Fan IF  
 A: 40.50 B: 17.00 C: 81.80 mm



**111803** Alternator 14 V, 60 Amp  
 Replacing: 63321170  
 Servicing: Renault  
 Grooves 1, Total length 173.50, Pulley P, Fan EF  
 A: 50.50 B: 26.00 mm



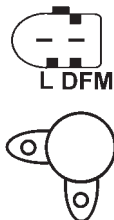
**112021** OE Alternator 14 V, 100 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 63341358, 63341321, 63340004, 63321358  
 Terminal W, Grooves 7, Total length 194.00, Pulley SP, Fan IF  
 A: 31.00 B: 13.50 C: 83.50 mm



**112025#** Alternator 14 V, 100 Amp  
 Replacing: 63341353, 63341243, 63341240, 63321243, 63321240, 63320315, 63320289  
 Servicing: Lancia, Land Rover  
 Terminal W, Grooves 7, Total length 194.00, Pulley SP, Fan IF  
 A: 31.00 B: 14.00 C: 70.50 mm



**112078** Alternator 14 V, 120 Amp  
 Replacing: 63304078  
 Servicing: Volvo  
 Grooves 6, Total length 194.00, Pulley SP, Fan IF  
 A: 44.50 C: 82.00 mm



**112079** Alternator 14 V, 90 Amp  
 Replacing: 63304079  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Grooves 6, Total length 170.00, Pulley SP/FW, Fan IF  
 Alternative no.: 114789   
 A: 39.00 B: 14.00 C: 61.00 mm



**112087** Alternator 14 V, 55 Amp  
 Replacing: 63304807  
 Servicing: Nissan  
 Grooves 1, Total length 222.00, Pulley P, Fan EF  
 A: 44.50 B: 13.50 C: 80.50 mm



**112097** Alternator 28 V, 30 Amp  
 Replacing: 943320025, 63321163, 63321161, 63321115, 63321104, 63321063, 63321055, 63321052, 63321050, 63321049  
 Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda  
 Grooves 1, Total length 174.00, Pulley P, Fan w/o  
 A: 45.00 B: 17.00 C: 63.00 mm



**112121** Alternator 14 V, 70 Amp  
 Replacing: 63341730, 63341724, 63341691, 63341669, 63341244, 63321730B, 63321730A, 63321730, 63321724  
 Servicing: Ford, Mazda  
 Terminal W, Grooves 5, Total length 178.00, Pulley SP, Fan IF  
 A: 33.00 B: 14.40 C: 55.50 mm



**112142** Alternator 14 V, 90 Amp  
 Replacing: 63377413, 63377412, 63377404, 63341746, 63341677, 63321898, 63321823, 63321746, 63321677  
 Servicing: Ford  
 Total length 168.00, Pulley w/o, Fan IF  
 B: 14.00 C: 63.20 mm



**112143** Alternator 14 V, 80 Amp  
 Replacing: 63377409, 63341678, 63321678  
 Servicing: Ford, Lister  
 Grooves 6, Total length 166.00, Pulley SP, Fan IF  
 A: 34.00 B: 13.80 C: 62.40 mm





**112202** Alternator 14 V, 85 Amp  
 Replacing: 63341239, 63321239  
 Servicing: MG, Rover  
 Terminal W, Grooves 5,  
 Total length 180.00, Pulley SP, Fan IF  
 A: 90.00 B: 57.50 mm



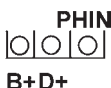
**112203** Alternator 14 V, 65 Amp  
 Replacing: 63341727, 63341636, 63321727,  
 63321636  
 Servicing: Austin, Rover  
 Grooves 5, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 35.50 B: 14.10 C: 75.25 mm



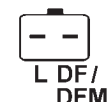
**112238** Alternator 14 V, 65 Amp  
 Replacing: 63324242  
 Servicing: Austin, DAF, Land Rover, LDV, Rover  
 Terminal W, Grooves 1,  
 Total length 168.00, Pulley P, Fan EF  
 A: 36.00 B: 11.50 C: 81.70 mm



**112325** Alternator 14 V, 70 Amp  
 Replacing: 943322602, 63341695, 63341666,  
 63321695, 63321666, 63321425, 63321257,  
 63320531, 63320243  
 Servicing: Ford  
 Terminal W, Grooves 5,  
 Total length 170.00, Pulley SP, Fan IF  
*D+ may be w/ M4.*  
 A: 33.00 B: 14.20 C: 75.50 mm



**112384** Alternator 14 V, 75 Amp  
 Replacing: 63341702, 63341658, 63321702,  
 63321658  
 Servicing: Smart (MCC)  
 Grooves 4, Total length 176.00,  
 Pulley SP, Fan IF  
 A: 90.00 B: 57.90 mm



**112648** Alternator 14 V, 70 Amp  
 Manufacturer: Magneti Marelli  
 Replacing: 63321741  
 Servicing: Citroen, Peugeot  
 Grooves 5, Total length 173.00,  
 Pulley SP, Fan IF  
 A: 75.00 B: 56.00 mm



**112654** Alternator 14 V, 90 Amp  
 Manufacturer: Magneti Marelli  
 Replacing: 63341711, 63321711B, 63321711,  
 063341711010  
 Servicing: Ford  
 Total length 213.00, Pulley w/o, Fan IF  
 B: 17.25 C: 62.60 mm



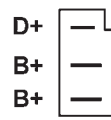
**112698** Alternator 14 V, 100 Amp  
 Replacing: 63341344, 63341343, 63321473,  
 63321465, 63321422, 63321344, 63321343,  
 63321324  
 Servicing: Ford  
 Terminal W, Grooves 6,  
 Total length 178.00, Pulley SP, Fan IF  
 A: 33.00 B: 14.10 C: 83.30 mm



**112718** Alternator 14 V, 100 Amp  
 Replacing: 63321346, 63321285  
 Servicing: Ford, New Holland  
 Terminal W, Grooves 6,  
 Total length 189.00, Pulley SP, Fan IF  
 A: 32.00 B: 14.00 C: 83.80 mm



**112719** Alternator 14 V, 55 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 63395575, 63321409, 63321191,  
 63321120, 63321112, 63321103, 63321028,  
 63321011, 63320125, 63320053  
 Servicing: Fiat, Lancia  
 Grooves 1, Total length 159.00, Pulley P,  
 Fan EF  
 A: 44.50 B: 16.20 C: 63.30 mm

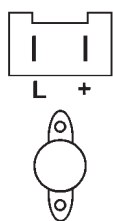


**112722** Alternator 14 V, 70 Amp  
 Replacing: 63324407  
 Servicing: Massey Ferguson  
 Terminal W, Total length 165.00,  
 Pulley w/o, Fan EF  
 B: 10.50 C: 83.50 mm



**112728** Alternator 14 V, 55 Amp  
 Replacing: 63321178, 63321081, 63321057  
 Servicing: Renault  
 Grooves 1, Total length 176.00, Pulley P,  
 Fan EF  
 A: 102.00 B: 56.00 mm





**112744** Alternator 14 V, 60 Amp  
 Replacing: 943356667  
 Servicing: Renault, Volvo  
 Grooves 5, Total length 162.50,  
 Pulley SP, Fan EF  
 A: 45.00 B: 27.00 C: 66.00 mm



**112768** Alternator 14 V, 55 Amp  
 Replacing: 943356316, 943321095, 63321095,  
 63320037, 63305120, 30680316  
 Servicing: Alfa Romeo, Goldoni  
 Terminal W, Grooves 1,  
 Total length 172.00, Pulley P, Fan EF  
 A: 47.00 B: 15.00 C: 70.00 mm



**112782** Alternator 14 V, 80 Amp  
 Replacing: 63341723, 63321772, 63321723  
 Servicing: Citroen, Peugeot  
 Grooves 5, Total length 179.00,  
 Pulley SP, Fan IF  
 A: 75.00 B: 56.00 mm



**113246** Alternator 14 V, 90 Amp  
 Replacing: 63377300, 63321829  
 Servicing: Citroen, Peugeot  
 Grooves 6, Total length 179.00,  
 Pulley SP, Fan IF  
 A: 42.50 B: 22.00 C: 45.40 mm



**113336** Alternator 14 V, 120 Amp  
 Replacing: 63321859, 63321858, 63321805,  
 63321804, 63321507, 63321501, 63321497,  
 63321491, 63321414  
 Servicing: Alfa Romeo, Fiat, Lancia  
 Grooves 6, Total length 204.00,  
 Pulley SP/FW, Fan IF  
 A: 44.00 B: 22.60 C: 54.80 mm



**113338** Alternator 14 V, 65 Amp  
 Replacing: 63321833  
 Servicing: Fiat  
 Grooves 6, Total length 197.00,  
 Pulley SP/FW, Fan IF  
 A: 44.00 B: 17.10 C: 54.40 mm



**113404** Alternator 14 V, 90 Amp  
 Manufacturer: Valeo  
 Replacing: 63321740  
 Servicing: Citroen, Peugeot  
 Grooves 5, Pulley SP, Fan IF  
 A: 75.00 B: 56.30 mm



**113405** Alternator 14 V, 70 Amp  
 Replacing: 63341733, 63321828, 63321733  
 Servicing: Citroen, Peugeot  
 Terminal DF, Grooves 6,  
 Total length 160.00, Pulley SP, Fan IF  
 A: 42.50 B: 22.00 C: 45.50 mm



**113471** Alternator 14 V, 65 Amp  
 Replacing: 63321488, 63321173, 63321141,  
 63321136, 63321082, 63320140, 63320040  
 Servicing: Fiat, Lancia  
 Grooves 4, Total length 171.00,  
 Pulley SP, Fan EF  
 A: 54.40 B: 32.00 mm



**113498** Alternator 14 V, 80 Amp  
 Replacing: 63532637  
 Servicing: Chevrolet, Daewoo, Lancia  
 Grooves 6, Total length 166.00,  
 Pulley SP, Fan IF  
 A: 50.65 B: 33.65 C: 58.60 mm



**113529** Alternator 14 V, 120 Amp  
 Replacing: 63321753  
 Servicing: Ford, New Holland  
 Terminal W, Grooves 8,  
 Total length 204.40, Pulley SP, Fan IF  
 A: 33.00 B: 14.10 C: 83.30 mm



**113533** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 63321190, 63320111  
 Servicing: Fiat, Lancia, Lombardini  
 Terminal W, Grooves 1,  
 Total length 160.00, Pulley P, Fan EF  
 A: 52.00 B: 31.80 mm



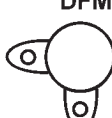
**113535** Alternator 14 V, 85 Amp  
 Replacing: 63377013, 63321775, 63321765  
 Servicing: Fiat, Ford, Lancia  
 Grooves 5, Total length 184.50,  
 Pulley SP, Fan IF  
 A: 16.30 B: 24.20 C: 51.00 mm



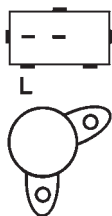
**113536** Alternator 14 V, 90 Amp  
 Replacing: 63321836, 63321819, 63321810,  
 63321729, 63321612, 63321330, 63321287  
 Servicing: Alfa Romeo  
 Grooves 6, Total length 197.00,  
 Pulley SP, Fan IF  
 A: 44.50 B: 16.90 C: 54.30 mm



**113537** Alternator 14 V, 65 Amp  
 Replacing: 63321870, 63321747, 63321663,  
 63321602, 63321280, 63321234  
 Servicing: Fiat, Lancia, Peugeot  
 Grooves 4, Total length 189.50,  
 Pulley SP, Fan IF  
 A: 62.25 B: 32.00 mm



**113575** Alternator 14 V, 80 Amp  
 Replacing: 63321734  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 162.00,  
 Pulley SP, Fan IF  
 A: 42.00 B: 22.00 C: 45.00 mm



**113599** Alternator 14 V, 80 Amp  
 Replacing: 63341758, 63321758  
 Servicing: Ford  
 Grooves 6, Total length 181.00,  
 Pulley SP, Fan IF  
 A: 33.20 B: 16.70 C: 53.90 mm



**113621** Alternator 14 V, 115 Amp  
 Replacing: 63321817, 63321743  
 Servicing: Ford, New Holland  
 Grooves 6, Total length 188.50,  
 Pulley SP, Fan IF  
 A: 33.55 B: 14.10 C: 83.35 mm



**113709** Alternator 14 V, 115 Amp  
 Replacing: 63380006  
 Servicing: Ford, Jaguar  
 Grooves 6, Pulley SP, Fan IF  
 A: 41.00 B: 55.00 C: 86.50 mm



**113718** Alternator 14 V, 70 Amp  
 Replacing: 63377008, 63377006, 63377002,  
 63321718  
 Servicing: Citroen, Fiat, Lancia, Renault  
 Grooves 5, Total length 184.60,  
 Pulley SP, Fan IF  
 A: 16.50 B: 23.50 C: 50.00 mm



**113720** Alternator 14 V, 75 Amp  
 Manufacturer: Valeo  
 Replacing: 63377493  
 Servicing: Fiat, Lancia, Opel, Suzuki,  
 Vauxhall  
 Grooves 6, Total length 184.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 116064  
 A: 41.50 B: 64.00 C: 55.00 mm



**113763** Alternator 14 V, 85 Amp  
 Replacing: 63377462, 63377461, 63377460,  
 63321466, 63320349  
 Servicing: JCB, Land Rover, Various Industrial  
 applications  
 Terminal W, Pulley w/o, Fan IF  
 C: 82.00 mm



**113849** Alternator 14 V, 150 Amp  
 Manufacturer: Marelli  
 Replacing: 63377416  
 Servicing: Ford, Mazda, Volvo  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 42.50 B: 21.00 C: 45.00 mm



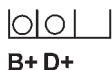
**113904** Alternator 14 V, 130 Amp  
 Replacing: 63377491  
 Servicing: Opel, Saab, Vauxhall  
 Terminal DF, Grooves 6,  
 Total length 215.00, Pulley SP/FW, Fan IF  
 A: 113.00 B: 61.00 mm



**113939** Alternator 14 V, 100 Amp  
 Replacing: 63321803, 63321506, 63321436, 63321419, 63321355, 63320333  
 Servicing: Fiat, Lancia  
 Grooves 6, Total length 202.90,  
 Pulley SP, Fan IF  
 A: 43.40 B: 22.50 C: 54.00 mm



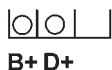
**113942** Alternator 14 V, 100 Amp  
 Replacing: 63321801, 63321418, 63321310, 63321232  
 Servicing: Alfa Romeo, Fiat, Lancia  
 Grooves 6, Total length 202.00,  
 Pulley SP, Fan IF  
 A: 43.60 B: 22.60 C: 54.27 mm



B+ D+



**113943** Alternator 14 V, 100 Amp  
 Replacing: 63321826, 63321806, 63321805, 63321804, 63321501, 63321497  
 Servicing: Alfa Romeo, Fiat, Lancia  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 44.00 B: 22.20 C: 54.75 mm



B+ D+



**113955** Alternator 14 V, 105 Amp  
 Replacing: 63377492  
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall  
 Grooves 6, Total length 191.00,  
 Pulley SP/FW, Fan IF  
 A: 112.50 B: 61.00 mm



**113967** Alternator 14 V, 120 Amp  
 Replacing: 63377464  
 Servicing: Caterpillar, Perkins  
 Terminal W, Total length 182.00,  
 Pulley w/o  
 B: 13.00 C: 83.00 mm



**113987** Alternator 14 V, 140 Amp  
 Replacing: 63321862, 63321815  
 Servicing: Alfa Romeo, Fiat, Lancia, Renault  
 Total length 190.00, Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 333135.  
 B: 22.00 C: 54.40 mm



**113996** Alternator 14 V, 140 Amp  
 Replacing: 63377005, 63321940  
 Servicing: Alfa Romeo, Fiat, Lancia, Suzuki  
 Grooves 6, Total length 210.00,  
 Pulley SP/FW, Fan IF  
 A: 113.00 B: 61.30 mm



FRSIGA  
LI RC A



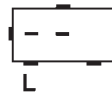
**114009** Alternator 14 V, 105 Amp  
 Replacing: 63377407, 63374070  
 Servicing: Ford  
 Grooves 6, Total length 160.00,  
 Pulley SP, Fan IF  
 A: 10.00 B: 72.00 C: 52.00 mm



B+ D+



**114025** Alternator 14 V, 75 Amp  
 Replacing: 63341896, 63321897, 63321896, 63321702, 63321658  
 Servicing: Smart (MCC), Toyota  
 Grooves 4, Total length 176.00,  
 Pulley SP, Fan IF  
 A: 90.50 B: 57.80 mm



L



**114066** Alternator 14 V, 90 Amp  
 Replacing: 63341778, 63321778  
 Servicing: Ford  
 Grooves 6, Total length 179.00,  
 Pulley SP, Fan IF  
 A: 33.00 B: 14.00 C: 54.00 mm



FRSIGA  
LI RC A



**114083** Alternator 14 V, 150 Amp  
 Replacing: 63377420  
 Servicing: Volvo  
 Grooves 6, Total length 180.00,  
 Pulley SP/FW, Fan IF  
 Freewheel pulley 237619.  
 A: 75.00 B: 72.00 C: 68.00 mm



**114204** Alternator 14 V, 120 Amp  
 Replacing: 63377490, 63377004  
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall  
 Grooves 6, Total length 193.00,  
 Pulley SP/FW, Fan IF  
 A: 112.50 B: 61.50 mm





FRSIGA  
LI RC A



**114248** Alternator 14 V, 150 Amp  
 Replacing: 63377418  
 Servicing: Ford  
 Total length 153.00, Pulley w/o, Fan IF  
 B: 14.00 C: 52.00 mm



W D+ B+



**114302** Alternator 28 V, 75 Amp  
 Replacing: 63377466  
 Servicing: Caterpillar, Various Industrial applications  
 Terminal W, Grooves 1,  
 Total length 184.50, Pulley P, Fan IF  
 A: 36.40 B: 13.40 C: 83.20 mm



**114384** Alternator 14 V, 85 Amp  
 Replacing: 63321744  
 Servicing: Case, New Holland  
 Terminal W, Pulley w/o, Fan IF  
 B: 17.00 C: 63.40 mm



DFM L



**114409** Alternator 14 V, 100 Amp  
 Replacing: 63377424  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 193.00,  
 Pulley SP/FW, Fan IF  
 A: 41.00 B: 64.00 C: 55.00 mm



**114451** Alternator 14 V, 105 Amp  
 Replacing: 63310504  
 Servicing: Fiat, Ford, Lancia, Opel, Vauxhall  
 Grooves 6, Total length 185.00,  
 Pulley SP/FW, Fan IF  
 A: 41.00 B: 63.50 C: 55.00 mm



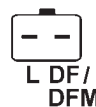
**114462** Alternator 14 V, 70 Amp  
 Replacing: 63377011  
 Servicing: Alfa Romeo, Fiat, Ford, Lancia  
 Grooves 4, Pulley SP, Fan IF  
 A: 68.10 B: 32.50 mm



**114493** Alternator 14 V, 100 Amp  
 Replacing: 63377017  
 Servicing: Alfa Romeo, Fiat, Lancia, Opel  
 Total length 188.00, Fan IF  
 Freewheel Pulley: HC-CARGO 330287.  
 B: 61.20 mm



**114669** Alternator 14 V, 65 Amp  
 Replacing: 63321503, 63321502, 63321492,  
 63321458, 63321424, 63320137, 63320124  
 Servicing: New Holland  
 Terminal W, Total length 170.00,  
 Pulley w/o, Fan w/o  
 B: 17.00 C: 65.00 mm



L DF/  
DFM



**114749** Alternator 14 V, 150 Amp  
 Replacing: 63377015  
 Servicing: Alfa Romeo, Fiat  
 Grooves 5, Total length 167.00,  
 Pulley SP/FW, Fan IF  
 A: 28.00 B: 14.20 C: 64.50 mm



DFM L



**114754** Alternator 14 V, 120 Amp  
 Replacing: 63377425  
 Servicing: Opel, Renault, Vauxhall  
 Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 332316.  
 B: 64.0 C: 55.00 mm

**NEW PRODUCT**  
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**114755** Alternator 14 V, 150 Amp  
 Replacing: 63377014  
 Servicing: Alfa Romeo  
 Grooves 5, Pulley SP/FW, Fan IF



B+ D+



**114801** Alternator 14 V, 105 Amp  
 Replacing: 63377492  
 Servicing: Fiat, Opel, Vauxhall  
 Grooves 6, Pulley SP/FW, Fan IF  
 As HC-CARGO 113955, but with pulley.  
 A: 112.50 B: 61.00 mm



FRSIGA  
LI RC A

**NEW PRODUCT**  
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**114804\*** Alternator 14 V, 105 Amp  
Replacing: 63377421  
Pulley w/o, Fan IF  
B: 14.50 C: 52.00 mm



**114806** Alternator 14 V, 120 Amp  
Replacing: 63377426  
Servicing: Abarth, Alfa Romeo, Fiat, Lancia  
Grooves 5, Pulley SP/FW, Fan IF  
Alternative no.: 115874   
A: 16.00 B: 24.00 C: 50.00 mm



**114894** Alternator 14 V, 60 Amp  
Replacing: 63351774, 63321832, 63321774  
Servicing: Suzuki  
Grooves 4, Total length 172.00,  
Pulley SP, Fan IF  
A: 90.50 B: 58.00 mm



DFM L



**114895** Alternator 14 V, 70 Amp  
Replacing: 63377423  
Servicing: Opel, Vauxhall  
Grooves 6, Total length 170.00,  
Pulley SP/FW, Fan IF  
A: 40.00 B: 64.00 C: 55.00 mm



**114899** Alternator 14 V, 70 Amp  
Replacing: 63377001, 63321869, 63321761  
Servicing: Fiat, Lancia  
Grooves 4, Total length 184.00,  
Pulley SP, Fan IF  
A: 54.95 B: 32.00 mm



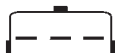
B+ D+ DFM



**115308** Alternator 14 V, 120 Amp  
Replacing: 63377495  
Servicing: Fiat, Lancia, Opel, Vauxhall  
Grooves 6, Pulley SP/FW, Fan IF  
A: 41.00 B: 64.50 C: 54.50 mm



**115346** Alternator 14 V, 120 Amp  
Replacing: 63377028  
Servicing: Alfa Romeo, Fiat, Opel, Vauxhall  
Grooves 6, Total length 198.00,  
Pulley SP/FW, Fan IF  
A: 41.50 B: 64.00 C: 55.00 mm



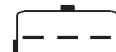
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**115460** Alternator 14 V, 160 Amp  
Replacing: 63321895, 63321880  
Servicing: Ford, Mazda, Volvo  
Grooves 6, Total length 170.00,  
Pulley SP/FW, Fan IF  
A: 42.00 B: 21.00 C: 45.00 mm



**115476** Alternator 14 V, 85 Amp  
Replacing: 63321791, 63321782, 63321715,  
63321629  
Servicing: Fiat, Lancia  
Grooves 4, Total length 178.00,  
Pulley SP, Fan IF  
A: 44.00 B: 32.00 C: 83.50 mm



FRSIGA  
LI RC A



**115579** Alternator 14 V, 120 Amp  
Replacing: 63377422, 63377419  
Servicing: Ford  
Grooves 6, Total length 168.00,  
Pulley SP/FW, Fan IF  
A: 41.50 B: 13.70 C: 52.00 mm



**115615** Alternator 14 V, 105 Amp  
Replacing: 63377009, 63377007, 63321776  
Servicing: Fiat  
Grooves 5, Total length 183.00,  
Pulley SP, Fan IF  
A: 17.00 C: 50.00 mm



**115620** Alternator 14 V, 105 Amp  
Replacing: 63377031  
Servicing: Alfa Romeo, Fiat, Lancia  
Grooves 4, Total length 195.00,  
Pulley SP, Fan IF  
A: 68.50 B: 32.00 mm



**115647** Alternator 14 V, 90 Amp  
 Replacing: 63377030  
 Servicing: Alfa Romeo, Fiat  
 Grooves 4, Total length 210.00,  
 Pulley SP, Fan IF  
 A: 69.00 B: 32.00 mm

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**115664\*** Alternator 14 V, 75 Amp  
 Replacing: 63321779  
 Servicing: Fiat, Lancia  
 Grooves 4, Pulley SP, Fan IF

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**115665\*** Alternator 14 V, 75 Amp  
 Replacing: 63321872  
 Servicing: Fiat, Lancia  
 Grooves 4, Pulley SP, Fan IF

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**115672\*** Alternator 14 V, 85 Amp  
 Replacing: 63321292  
 Servicing: Fiat  
 Grooves 4, Pulley SP, Fan IF



**115742** Alternator 14 V, 100 Amp  
 Replacing: 63377463  
 Servicing: JCB  
 Total length 177.00, Pulley w/o, Fan IF  
 B: 14.00 C: 83.00 mm



**115852** Alternator 14 V, 90 Amp  
 Replacing: 63377025  
 Servicing: Alfa Romeo, Fiat  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 41.50 B: 64.00 C: 55.00 mm



**115873** Alternator 14 V, 55 Amp  
 Manufacturer: Marelli  
 Replacing: 63321044, 63321042, 63320024  
 Servicing: Alfa Romeo, Fiat, Iveco  
 Grooves 1, Total length 172.00, Pulley P,  
 Fan EF  
 Alternative no.: 111418  
 A: 49.00 B: 17.00 C: 65.00 mm



**115874** Alternator 14 V, 120 Amp  
 Manufacturer: Denso  
 Replacing: 63377426  
 Servicing: Abarth, Alfa Romeo, Fiat, Lancia  
 Grooves 5, Total length 196.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 114806  
 A: 16.00 B: 24.00 C: 50.00 mm



**115890** Alternator 14 V, 70 Amp  
 Manufacturer: Lucas  
 Replacing: 54022720  
 Servicing: Ford  
 Terminal W, Total length 200.00,  
 Pulley w/o, Fan EF  
 Alternative no.: 111623  
 B: 11.80 C: 81.50 mm



**116064** Alternator 14 V, 75 Amp  
 Replacing: 63377493  
 Servicing: Fiat, Lancia, Opel, Suzuki,  
 Vauxhall  
 Grooves 6, Total length 184.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 113720   
 A: 41.50 B: 64.00 C: 55.00 mm

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**110163** Alternator 28 V, 45 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 443113516866  
 Servicing: Renault V.I.  
 Terminal W, Grooves 2,  
 Total length 172.50, Pulley DP, Fan EF  
 A: 48.75 B: 27.25 C: 67.50 mm



**110542** Alternator 14 V, 55 Amp  
 Manufacturer: Magneton  
 Replacing: 9516061, 9516060, 9516051,  
 9516050, 443113516184, 443113516181,  
 443113516180, 443113516121  
 Servicing: Skoda  
 Grooves 1, Total length 165.00, Pulley P,  
 Fan EF  
 A: 79.00 B: 50.00 mm



**110621** Alternator 14 V, 55 Amp  
 Manufacturer: Magneton  
 Replacing: 9516653, 9516650, 443113516653,  
 443113516650, 334113516653  
 Servicing: Chang Feng (Liebao), Zetor, ZTS Tees  
 Total length 170.00, Pulley w/o, Fan w/o  
 B: 27.00 C: 65.85 mm



**110622** Alternator 14 V, 70 Amp  
 Replacing: 9516661, 9516660, 443115901010,  
 443113516752, 443113516751, 443113516750,  
 443113516662  
 Servicing: Skoda  
 Total length 164.00, Pulley w/o, Fan w/o  
 B: 27.25 C: 66.00 mm



**110641** Alternator 14 V, 33 Amp  
 Replacing: 9515311, 9515310  
 Servicing: Bosch, BPM, Case, Claas,  
 Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer,  
 Lamborghini, Liebherr, Linde  
 Terminal W, Grooves 1,  
 Total length 162.00, Pulley P, Fan EF  
 A: 76.50 B: 56.00 mm



**110881** Alternator 14 V, 55 Amp  
 Replacing: 8515220  
 Servicing: Deutz-Fahr, Fendt, Kramer,  
 Marshall, Volvo  
 Terminal W, Grooves 2,  
 Total length 170.00, Pulley DP, Fan EF  
 A: 88.00 B: 56.00 mm



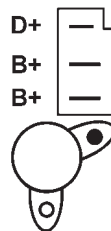
**111009** Alternator 28 V, 35 Amp  
 Manufacturer: Magneton  
 Replacing: 9515836, 443113516846,  
 443113516842, 443113516836  
 Servicing: Porsche, Tatra  
 Terminal W, Grooves 1,  
 Total length 174.00, Pulley P, Fan EF  
 A: 51.70 B: 27.25 C: 66.00 mm



**111035** Alternator 14 V, 65 Amp  
 Replacing: 9516714  
 Servicing: Audi, Autobianchi, Case, Fiat,  
 Innocenti, Lancia, VW, Zastava  
 Terminal W, Grooves 1,  
 Total length 164.50, Pulley P, Fan EF  
 A: 52.00 B: 23.00 C: 74.00 mm



**111076** Alternator 14 V, 50 Amp  
 Replacing: 9515404, 443113516404,  
 443113515415, 443113515414  
 Servicing: Citroen, Opel, Peugeot, Talbot  
 Grooves 4, Total length 163.50,  
 Pulley SP, Fan EF  
 A: 46.35 B: 26.80 C: 66.00 mm



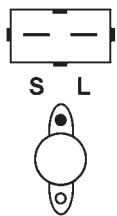
**111086** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 9516721, 9516720, 9515491  
 Servicing: Austin, Ford, Mercury, MG, Rover  
 Grooves 1, Total length 170.00, Pulley P,  
 Fan IF  
 A: 34.60 B: 10.80 C: 81.00 mm



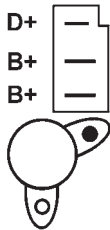
**111168** Alternator 14 V, 55 Amp  
 Replacing: 9516761, 9516760, 9516716,  
 443113516761  
 Servicing: Ferrari, Opel, Vauxhall  
 Terminal W, Grooves 1,  
 Total length 169.00, Pulley P, Fan EF  
 A: 84.00 B: 56.00 mm



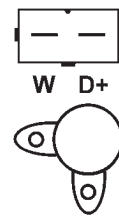
**111170** Alternator 14 V, 65 Amp  
 Replacing: 9515051, 9515050  
 Servicing: Opel, Vauxhall  
 Grooves 1, Total length 171.55, Pulley P,  
 Fan EF  
 A: 34.85 B: 10.80 C: 81.00 mm



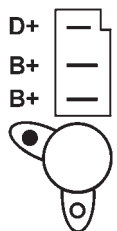
**111216** Alternator 14 V, 37 Amp  
 Replacing: 9515090, 9514096, 9514090  
 Servicing: Thermo King  
 Terminal W, Total length 176.00,  
 Pulley w/o, Fan EF  
 B: 51.00 mm



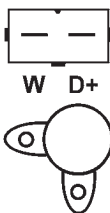
**111368** Alternator 14 V, 70 Amp  
 Replacing: 443113516741  
 Servicing: Ford  
 Terminal W, Grooves 1,  
 Total length 166.50, Pulley P, Fan EF  
 A: 34.90 B: 12.00 C: 82.60 mm



**111820** Alternator 14 V, 90 Amp  
 Replacing: 9517183, 9517181  
 Servicing: Audi, Skoda, VW  
 Terminal W, Grooves 6,  
 Total length 185.40, Pulley SP, Fan IF  
 A: 39.50 B: 14.00 C: 59.00 mm



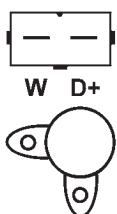
**111289** Alternator 14 V, 70 Amp  
 Replacing: 9516742, 9516740, 9516709,  
 9515734  
 Servicing: Austin, Case, Dronningborg, Ford,  
 Land Rover, Massey Ferguson, MG, Morris,  
 Rover  
 Terminal W, Grooves 1,  
 Total length 175.00, Pulley P, Fan EF  
 A: 35.00 B: 12.50 C: 80.00 mm



**111477** Alternator 14 V, 90 Amp  
 Replacing: 9517185, 9517182  
 Servicing: Ford, Seat, Skoda, VW  
 Terminal W, Grooves 6,  
 Total length 187.00, Pulley SP, Fan IF  
 A: 39.50 B: 13.50 C: 59.00 mm



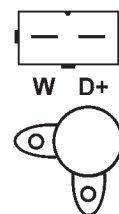
**111843** Alternator 14 V, 95 Amp  
 Replacing: 9515180, 9513160  
 Servicing: Case, John Deere  
 Terminal W, Total length 174.00,  
 Pulley w/o, Fan w/o  
 B- M8.  
 B: 51.00 mm



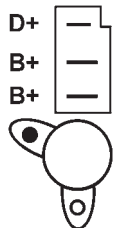
**111353** Alternator 14 V, 70 Amp  
 Replacing: 9517162  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Grooves 6, Total length 187.50,  
 Pulley SP, Fan IF  
 A: 39.00 B: 14.00 C: 60.00 mm



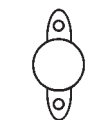
**111662** Alternator 14 V, 33 Amp  
 Replacing: 9513053  
 Servicing: Agrifull, Arona, Case, Ferrari,  
 Goldoni, Lombardini  
 Terminal W, Total length 156.00,  
 Pulley w/o, Fan EF  
 B: 56.00 mm



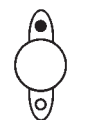
**111884** Alternator 14 V, 90 Amp  
 Replacing: 9517482  
 Servicing: Seat, VW  
 Terminal W, Grooves 6,  
 Total length 188.00, Pulley SP/FW, Fan IF  
 A: 39.50 B: 14.00 C: 61.50 mm



**111362** Alternator 14 V, 55 Amp  
 Replacing: 443113516701, 443113516700  
 Servicing: Austin, Ford, Land Rover, MG,  
 Rover, Valtra  
 Terminal W, Grooves 1,  
 Total length 165.50, Pulley P, Fan EF  
 A: 34.50 B: 11.00 C: 81.00 mm

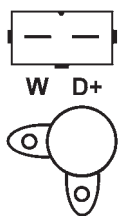


**111686** Alternator 14 V, 65 Amp  
 Replacing: 9515080  
 Servicing: Alfa Romeo, Fiat, Iveco,  
 Lamborghini, Lancia, Laverda  
 Grooves 1, Total length 166.50, Pulley P,  
 Fan EF  
 A: 49.50 B: 17.00 C: 64.50 mm

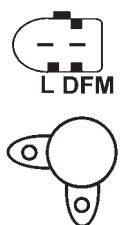


**111888** Alternator 14 V, 65 Amp  
 Replacing: 9515170  
 Servicing: Case, John Deere  
 Terminal W, Grooves 8,  
 Total length 192.00, Pulley SP, Fan EF  
 A: 81.00 B: 50.60 mm





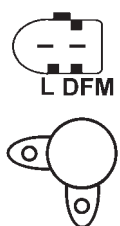
**111899** Alternator 14 V, 90 Amp  
 Replacing: 9517189  
 Servicing: VW  
 Terminal W, Grooves 6,  
 Total length 188.00, Pulley SP, Fan IF  
 A: 39.50 B: 14.00 C: 61.00 mm



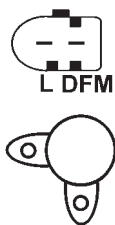
**111989** Alternator 14 V, 90 Amp  
 Replacing: 9517213  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 186.50,  
 Pulley SP, Fan IF  
 Alternative no.: 115482   
 A: 39.60 B: 14.00 C: 61.00 mm



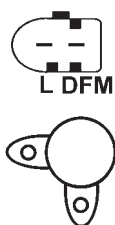
**112035** Alternator 14 V, 70 Amp  
 Manufacturer: Magneton  
 Replacing: 9516673, 443113516673,  
 443113516670  
 Servicing: Zetor  
 Terminal W, Total length 172.00,  
 Pulley w/o, Fan EF  
 Shaft dia. = 20.00 mm.  
 B: 27.10 C: 66.00 mm



**112043** Alternator 14 V, 90 Amp  
 Replacing: 9517219  
 Servicing: VW  
 Terminal DF, Grooves 6,  
 Total length 184.50, Pulley SP, Fan IF  
 A: 40.00 B: 14.00 C: 61.00 mm



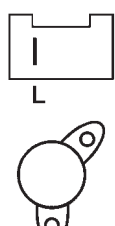
**112075** Alternator 14 V, 70 Amp  
 Replacing: 9517103, 443113517103  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 182.00,  
 Pulley SP, Fan IF  
 A: 40.00 B: 14.00 C: 60.75 mm



**112079** Alternator 14 V, 90 Amp  
 Replacing: 9517483, 9517413  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Grooves 6, Total length 170.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 114789   
 A: 39.00 B: 14.00 C: 61.00 mm



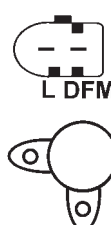
**112098** Alternator 14 V, 65 Amp  
 Replacing: 9516693, 9515010, 9513031,  
 443113516693, 443113516690  
 Servicing: Case, Claas, Eicher, Iveco,  
 Lamborghini, Mercedes-Benz, NSU, Steyr,  
 Zetor  
 Terminal W, Grooves 1,  
 Total length 171.00, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm



**112162** Alternator 14 V, 70 Amp  
 Replacing: 9515415, 9515414, 443113516414,  
 334113516414  
 Servicing: Citroen, Peugeot  
 Grooves 4, Total length 158.00,  
 Pulley SP, Fan EF  
 A: 45.50 B: 27.00 C: 66.00 mm



**112238** Alternator 14 V, 65 Amp  
 Replacing: 9515040  
 Servicing: Austin, DAF, Land Rover, LDV,  
 Rover  
 Terminal W, Grooves 1,  
 Total length 168.00, Pulley P, Fan EF  
 A: 36.00 B: 11.50 C: 81.70 mm



**112274** Alternator 14 V, 90 Amp  
 Replacing: 9517212  
 Servicing: Seat, Skoda, VW  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 39.50 B: 14.10 C: 61.40 mm



**112387** Alternator 14 V, 90 Amp  
 Manufacturer: Magneton  
 Replacing: 9516591, 9516590, 443113516591  
 Servicing: Skoda  
 Terminal W, Grooves 6,  
 Total length 179.00, Pulley SP, Fan EF  
 A: 32.50 B: 14.00 C: 66.00 mm



**112419** Alternator 14 V, 70 Amp  
 Replacing: 9517241  
 Servicing: Seat, Skoda  
 Grooves 5, Total length 177.00,  
 Pulley SP, Fan IF  
 A: 35.00 B: 14.00 C: 81.60 mm





**112556** Alternator 14 V, 95 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 9515713  
 Servicing: Same, Valtra  
 Terminal W, Total length 190.50,  
 Pulley w/o, Fan IF  
 Dust proof.  
 B: 56.00 mm



**112736** Alternator 14 V, 65 Amp  
 Replacing: 9515230  
 Servicing: Deutz-Fahr, Fahr, Iveco  
 Terminal W, Grooves 1,  
 Total length 166.00, Pulley P, Fan EF  
 A: 76.50 B: 56.10 mm



**113340** Alternator 14 V, 70 Amp  
 Replacing: 9517403  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 192.50,  
 Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.00 C: 62.00 mm



**113542** Alternator 14 V, 55 Amp  
 Manufacturer: Magneton  
 Replacing: 9516765, 9515765, 443113515765  
 Servicing: John Deere  
 Terminal W, Grooves 1,  
 Total length 171.00, Pulley P, Fan EF  
 A: 84.00 B: 56.00 mm



**113543** Alternator 14 V, 55 Amp  
 Replacing: 9516241, 9515241, 443113516241,  
 443113515241  
 Servicing: John Deere  
 Terminal W, Grooves 8,  
 Total length 190.00, Pulley SP, Fan EF  
 A: 78.40 B: 50.75 mm



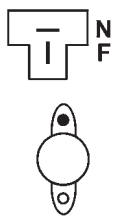
**113552** Alternator 14 V, 120 Amp  
 Replacing: 9515122, 9515112  
 Servicing: Case  
 Terminal W, Grooves 2,  
 Total length 198.00, Pulley DP, Fan EF  
 A: 77.00 B: 50.80 mm



**113632** Alternator 14 V, 85 Amp  
 Manufacturer: Bosch  
 Replacing: 9515361, 9515102, 9513170,  
 9513071  
 Servicing: John Deere, Lada  
 Terminal W, Total length 170.00,  
 Pulley w/o, Fan IF  
 B: 56.10 mm



**113716** Alternator 14 V, 120 Amp  
 Replacing: 9514696, 9514593, 9514590,  
 9514566, 95124596  
 Servicing: Thermo King, Yanmar  
 Terminal W, Total length 167.50,  
 Pulley w/o, Fan EF  
 B: 51.00 mm


**110128** Alternator 14 V, 35 Amp

Replacing: AH2035N1, AG2035A2, AG2035A, AG2030A, AG2025A, A1T24471, A1T22581, A1T21171, A1T20271, A001T24471

Servicing: Chevrolet, Komatsu, Nissan, Subaru, TCM

Grooves 1, Total length 153.00, Pulley P, Fan EF

A: 42.00 B: 11.50 C: 80.50 mm


**110133** Alternator 14 V, 35 Amp

Replacing: AH2040H4, AH2040H1, AH2040H, AH2035Z5, AH2035Z1, AH2035T9, AH2035T8, AH2035T4, AH2035T3, AH2035T2

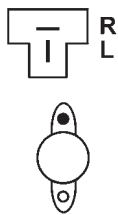
Servicing: Mazda

Grooves 1, Total length 155.00, Pulley P, Fan EF

Regulator: HC-CARGO 130615, 6 pins.

Regulator: HC-CARGO 130616, 6+1 pins.

A: 42.00 B: 12.50 C: 80.50 mm

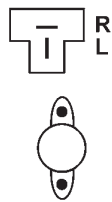

**110134** Alternator 14 V, 55 Amp

Replacing: A5T20387, A5T20377, A2T23477, A2T23474, A2T21278, A005T20387, A005T20377, A002T23477, A002T23474

Servicing: Mazda

Grooves 1, Total length 171.50, Pulley P, Fan EF

A: 41.00 B: 12.50 C: 80.50 mm


**110136** Alternator 14 V, 50 Amp

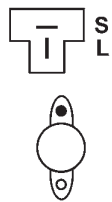
Replacing: A5T30171, A5T21472, A5T21471, A3T21474, A2T26172, A2T26072, A2T25171, A2T25081, A2T25071

Servicing: Ford, Mazda

Terminal W, Grooves 1,

Total length 170.50, Pulley P, Fan EF

A: 42.00 B: 13.00 C: 80.00 mm

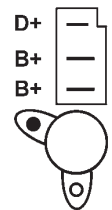

**110168** Alternator 14 V, 50 Amp

Replacing: AQ2250D32, AQ2250C2, AQ2050N12, AQ2050A24, A5T21871, A5T20972, A5T20872, A5T20871, A5T20374

Servicing: Nissan

Grooves 1, Total length 171.00, Pulley P, Fan EF

A: 42.50 B: 13.00 C: 81.00 mm


**110178** Alternator 14 V, 36 Amp

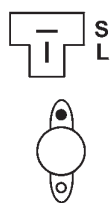
Manufacturer: Lucas

Replacing: AH2140B14

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Rover

Total length 164.00, Pulley w/o, Fan EF

B: 10.00 C: 87.00 mm

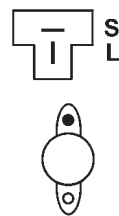

**110264** Alternator 14 V, 40 Amp

Replacing: A1T32471, A1T24571, A1T24371, A1T22975, A1T22971, A1T22071, A1T02871, A001T32471, A001T24571

Servicing: Nissan

Grooves 1, Total length 159.00, Pulley P, Fan EF

A: 41.50 B: 13.20 C: 80.20 mm

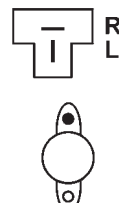

**110307** Alternator 14 V, 60 Amp

Replacing: AQ2060B3, A3T40472, A3T34872, A3T33272, A3T32272, A3T02972, A2T40972, A2T40971, A2T14472

Servicing: Mazda, Nissan

Grooves 1, Total length 166.20, Pulley P, Fan EF

A: 42.50 B: 13.10 C: 80.40 mm

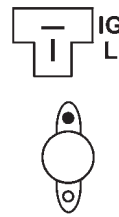

**110318** Alternator 14 V, 50 Amp

Replacing: MD064068, MD064067, MD064066, MD061151, MD061150, MD041701, MD041700, MD027661, MD025679, MD022579

Servicing: Dodge, Mazda, Mitsubishi, Plymouth

Grooves 1, Total length 170.90, Pulley P, Fan EF

A: 42.00 B: 12.50 C: 55.00 mm

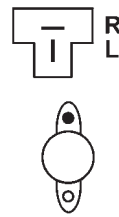

**110385** Alternator 14 V, 40 Amp

Replacing: A1T33771, A001T33771

Servicing: Bedford, Subaru, Suzuki

Grooves 1, Total length 144.00, Pulley P, Fan EF

A: 41.00 B: 15.00 C: 66.00 mm


**110448** Alternator 28 V, 20 Amp

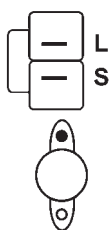
Replacing: A1T70783, A001T70783

Servicing: Mitsubishi, Various Agriculture Vehicles

Terminal W, Grooves 1,

Total length 165.00, Pulley P, Fan EF

A: 44.50 B: 13.50 C: 81.30 mm

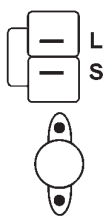

**110631** Alternator 14 V, 70 Amp

Replacing: A5T04492B, A5T04492A, A5T04392B, A5T04392A, A5T04392, A5T03192, A5T03092, A005T04492B, A005T04492A

Servicing: Nissan

Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 24.85 C: 82.20 mm


**110664** Alternator 14 V, 70 Amp

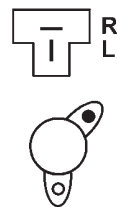
Replacing: A2T20191ZC, A2T20191, A2T19991A, A2T19991, A2T06092, A2T05893ZC, A2T05893, A2T05892ZC, A2T05892C

Servicing: Ford, Mazda

Terminal W, Grooves 3,

Total length 161.50, Pulley SP, Fan IF

A: 44.50 B: 13.10 C: 66.30 mm

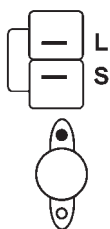

**110805** Alternator 14 V, 45 Amp

Replacing: MD304139, MD096859, MD095741, MD086016, MD086015, MD070310, MD069859, MD068565, MD067411, MD060793

Servicing: Dodge, Mazda, Mitsubishi, Plymouth

Grooves 1, Total length 221.50, Pulley P, Fan EF

A: 45.30 B: 13.10 C: 54.20 mm


**110632** Alternator 14 V, 65 Amp

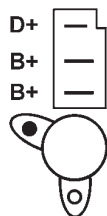
Replacing: A5T00192, A005T00192

Servicing: Nissan

Grooves 4, Total length 161.00,

Pulley SP, Fan IF

A: 38.00 B: 25.00 C: 81.00 mm

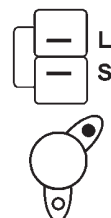

**110759** Alternator 14 V, 35 Amp

Replacing: AQ2140C4, AQ2140C, AH2040C

Servicing: Austin, Ford, Mercury

Grooves 1, Total length 160.00, Pulley P, Fan EF

A: 36.15 B: 10.50 C: 79.00 mm

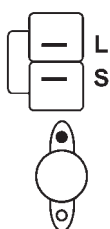

**110806** Alternator 14 V, 65 Amp

Replacing: MD124233, MD106320, MD106319, MD103564, MD103373, A2T10083, A2T01783, A2T01686, A2T01683, A2T01583

Servicing: Mitsubishi

Grooves 1, Total length 223.50, Pulley P, Fan EF

A: 44.40 B: 12.80 C: 56.30 mm


**110659** Alternator 14 V, 75 Amp

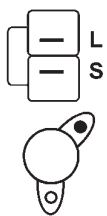
Replacing: MD309333, MD114620, MD012085, A5T05091, A2T09493, A2T09292, A005T05091, A002T09493

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

Grooves 4, Total length 156.30,

Pulley SP, Fan IF

A: 38.15 B: 13.00 C: 55.00 mm


**110802** Alternator 14 V, 75 Amp

Replacing: MD169683, MD139839, MD136839, MD136838, MD133513, MD133171, MD130329, A3T03493ZC, A3T03493

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

Grooves 4, Total length 159.50,

Pulley SP, Fan IF

A: 35.00 B: 13.25 C: 77.60 mm


**110927** Alternator 14 V, 55 Amp

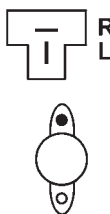
Replacing: A1T41291, A1T40191, A1T01591, A001T41291, A001T40191, A001T01591

Servicing: Honda, Rover

Grooves 3, Total length 153.00,

Pulley SP, Fan IF

A: 90.45 B: 57.90 mm


**110662** Alternator 14 V, 65 Amp

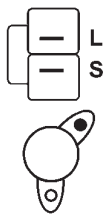
Replacing: A2T04677, A002T04677

Servicing: Mazda

Terminal W, Grooves 1,

Total length 163.20, Pulley P, Fan IF

A: 42.50 B: 12.86 C: 66.24 mm


**110804** Alternator 14 V, 90 Amp

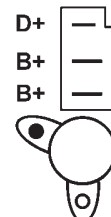
Replacing: MD153843, MD149750, MD140750, A3T45694, A3T45693ZC, A3T45693, A3T45691, A003T45694, A003T45693ZC

Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth

Grooves 4, Total length 160.00,

Pulley SP, Fan IF

A: 35.00 B: 13.40 C: 77.40 mm


**110968** Alternator 14 V, 70 Amp

Replacing: AH2040C4

Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra

Grooves 1, Total length 167.00, Pulley P, Fan EF

*Pulley distance is ok from 34.00 to 43.00 mm.*

A: 34.00 B: 11.00 C: 82.00 mm

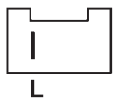




**111035** Alternator 14 V, 65 Amp  
 Replacing: A2T32171, A002T32171  
 Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava  
 Terminal W, Grooves 1,  
 Total length 164.50, Pulley P, Fan EF  
 A: 52.00 B: 23.00 C: 74.00 mm



**111042** Alternator 14 V, 35 Amp  
 Replacing: MD017645, MD017635, AH2035M4, AH2035M, AH2025M4, A1T22074, A1T11574, A001T22074, A001T11574  
 Servicing: Iseki, Mitsubishi  
 Grooves 1, Total length 152.00, Pulley P, Fan EF  
 A: 42.50 B: 12.10 C: 66.90 mm



**111076** Alternator 14 V, 50 Amp  
 Replacing: A2T27091G, A2T27091F, A2T27091E, A2T27091D, A2T27091C, A2T27091A, A2T27091, A2T26391G, A2T26391  
 Servicing: Citroen, Opel, Peugeot, Talbot  
 Grooves 4, Total length 163.50, Pulley SP, Fan EF  
 A: 46.35 B: 26.80 C: 66.00 mm



**111237** Alternator 14 V, 70 Amp  
 Replacing: A2T33991A, A2T33991, A002T33991A, A002T33991  
 Servicing: Kia, Mazda  
 Grooves 4, Total length 156.25, Pulley SP, Fan IF  
 A: 37.75 B: 13.00 C: 66.55 mm



**111238** Alternator 14 V, 75 Amp  
 Replacing: MD160671, A3T08183, A003T08183  
 Servicing: Mitsubishi  
 Grooves 1, Total length 222.65, Pulley P, Fan IF  
 A: 45.20 B: 12.80 C: 55.10 mm



**111240** Alternator 14 V, 50 Amp  
 Replacing: MD124234, MD112318, MD106332, MD103372, A2T09884, A2T06384, A2T02084, A2T01384, A002T09884  
 Servicing: Mitsubishi  
 Grooves 1, Total length 219.30, Pulley P, Fan EF  
 A: 44.70 B: 13.15 C: 54.55 mm



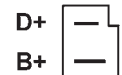
**111264** Alternator 14 V, 80 Amp  
 Replacing: A2T35792A, A2T35791A, A2T35791, A2T34692B, A2T34692A, A2T13894, A002T35791A, A002T35791  
 Servicing: Infiniti, Nissan  
 Grooves 6, Total length 159.00, Pulley SP, Fan IF  
 A: 37.85 B: 25.45 C: 81.15 mm



**111279** Alternator 14 V, 50 Amp  
 Replacing: A7T02591, A7T02491B, A7T02491A, A7T02491, A7T01991, A7T00598, A7T00591, A7T00191, A5TA0791ZC  
 Servicing: Chevrolet, GEO, Pontiac, Suzuki  
 Grooves 4, Total length 160.00, Pulley SP, Fan IF  
 A: 37.50 B: 20.00 C: 66.00 mm



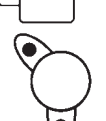
**111285** Alternator 14 V, 70 Amp  
 Replacing: A7T04072, A5T06491ZC, A5T06491, A5T06391ZC, A5T06391, A5T06291, A5T04292ZC, A5T04292, A5T04092  
 Servicing: Honda  
 Grooves 4, Total length 150.00, Pulley SP, Fan IF  
 A: 90.00 B: 57.80 mm



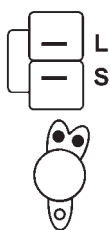
**111289** Alternator 14 V, 70 Amp  
 Replacing: A5T31774, A5T31773, A5T31772, A5T31372, A005T31774, A005T31773, A005T31772, A005T31372  
 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover  
 Terminal W, Grooves 1,  
 Total length 175.00, Pulley P, Fan EF  
 A: 35.00 B: 12.50 C: 80.00 mm



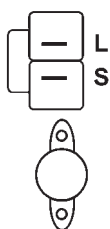
**111293** Alternator 14 V, 70 Amp  
 Replacing: A2TA2392, A2T28792, A2T14591, A002TA2392, A002T28792, A002T14591  
 Servicing: Ford  
 Grooves 6, Total length 172.00, Pulley SP, Fan IF  
 A: 33.00 B: 14.00 C: 80.00 mm



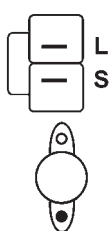
**111309** Alternator 14 V, 75 Amp  
 Replacing: A2T39991A, A2T39991  
 Servicing: Hyundai, Proton  
 Grooves 4, Total length 161.50, Pulley SP, Fan IF  
 A: 36.20 B: 13.15 C: 54.50 mm



**111314** Alternator 14 V, 90 Amp  
 Replacing: MD354793, MD189014, MD168989, A3TA1391A, A3TA1391, A3T08293, A003T08293  
 Servicing: Hyundai, Mitsubishi  
 Grooves 5, Total length 158.90,  
 Pulley SP, Fan IF  
 A: 37.90 B: 13.15 C: 55.15 mm



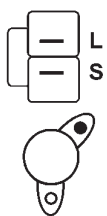
**111315** Alternator 14 V, 90 Amp  
 Replacing: A3T08491ZC, A3T08491C, A3T08491A, A3T08491, A003T08491ZC, A003T08491C, A003T08491A, A003T08491  
 Servicing: Ford, Mazda  
 Grooves 5, Total length 155.50,  
 Pulley SP, Fan IF  
 A: 37.65 B: 13.20 C: 66.45 mm



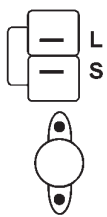
**111317** Alternator 14 V, 80 Amp  
 Replacing: A2T33191ZC, A2T33191A, A2T33191, A002T33191ZC, A002T33191A, A002T33191  
 Servicing: Ford, Kia, Mazda  
 Grooves 4, Total length 164.00,  
 Pulley SP, Fan IF  
 A: 38.50 B: 13.20 C: 66.80 mm



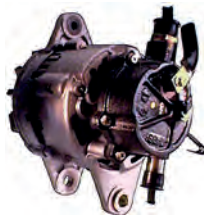
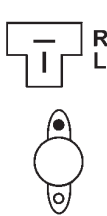
**111318** Alternator 14 V, 80 Amp  
 Replacing: A2TA1991F, A2TA1991D, A2TA1991, A002TA1991F, A002TA1991D, A002TA1991  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 Grooves 6, Total length 174.00,  
 Pulley SP, Fan IF  
 A: 92.35 B: 56.00 mm



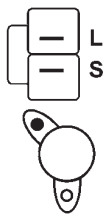
**111339** Alternator 14 V, 65 Amp  
 Replacing: MD147245, MD140189, A2T27883, A2T17783, A002T27883, A002T17783  
 Servicing: Mitsubishi  
 Grooves 1, Total length 223.00, Pulley P, Fan EF  
 A: 44.70 B: 13.15 C: 54.50 mm



**111342** Alternator 14 V, 60 Amp  
 Replacing: A5T03777, A5T03677A, A5T03677, A5T01977, A5T01577, A005T03777, A005T03677A, A005T03677, A005T01977  
 Servicing: Mazda  
 Grooves 1, Total length 156.00, Pulley P, Fan IF  
 A: 43.00 B: 13.00 C: 66.00 mm



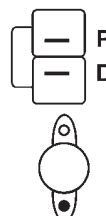
**111344** Alternator 28 V, 25 Amp  
 Replacing: ME017561, ME017560, ME017550, ME017509, ME007578, A5T70283, A5T70270, A5T70183, A5T70178, A2T71583  
 Servicing: Mitsubishi  
 Grooves 1, Total length 243.50, Pulley P, Fan EF  
 A: 45.25 B: 12.55 C: 80.20 mm



**111375** Alternator 14 V, 75 Amp  
 Replacing: PW536097, MD361621, MD354797, MD317401, MD309845, MD193323, MD191402, MD189659, MD189658, A2TA3491  
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Proton  
 Grooves 4, Total length 164.00,  
 Pulley SP, Fan IF  
 A: 36.85 B: 13.00 C: 55.30 mm



**111376** Alternator 14 V, 75 Amp  
 Replacing: MD361624, MD198164, MD190819, A2T81791A, A2T81791, A2T38391ZC, A2T38391, A002T81791A, A002T81791  
 Servicing: Dodge, Eagle, Mitsubishi, Plymouth  
 Grooves 4, Total length 166.50,  
 Pulley SP, Fan IF  
 A: 34.90 B: 13.25 C: 77.50 mm



**111384** Alternator 14 V, 70 Amp  
 Replacing: A2TB6192, A2TB6191, A2TB2391, A2TB0091B, A2TB0091A, A2TB0091, A002TB6192, A002TB6191, A002TB2391  
 Servicing: Kia, Mazda  
 Grooves 4, Total length 172.00,  
 Pulley SP, Fan IF  
 ECU controlled.  
 A: 37.65 B: 13.15 C: 67.35 mm

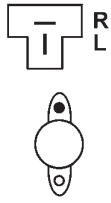


**111406** Alternator 14 V, 110 Amp  
 Replacing: MD324755, MD324754, MD197470, MD150657, A4T03191, A4T01493, A3T12491, A3T12291A, A3T12291, A2T01493  
 Servicing: Dodge, Hyundai, Mitsubishi  
 Grooves 6, Total length 170.00,  
 Pulley SP, Fan IF  
 A: 23.50 B: 17.25 C: 55.40 mm

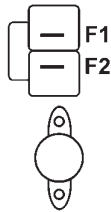


**111427** Alternator 14 V, 90 Amp  
 Replacing: A4T01591, A004T01591  
 Servicing: Ford  
 Grooves 6, Total length 167.50,  
 Pulley SP, Fan IF  
 A: 34.50 B: 13.50 C: 81.00 mm

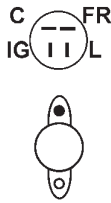




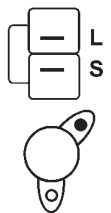
**111495** Alternator 14 V, 40 Amp  
 Replacing: A7T03277A, A7T03277, A007T03277A, A007T03277  
 Servicing: Hyster, Mitsubishi, Sumitomo, Yale  
 Grooves 1, Total length 161.00, Pulley P, Fan IF  
 A: 42.00 B: 13.00 C: 81.50 mm



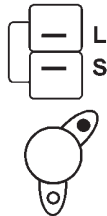
**111530<sup>#</sup>** Alternator 14 V, 90 Amp  
 Replacing: A2T81391, A2T81292ZC, A2T81292, A2T81291, A2T81192ZC, A2T81192, A002T81391, A002T81292ZC  
 Servicing: Chrysler, Dodge, Eagle, Mitsubishi, Plymouth  
 Grooves 4, Total length 175.00, Pulley SP, Fan IF  
 A: 33.00 B: 12.30 C: 54.10 mm



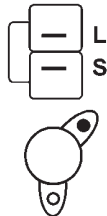
**111578** Alternator 14 V, 60 Amp  
 Replacing: A1T04991, A1T04892ZC, A1T04892, A1T02292ZC, A1T02292, A1T02291, A001T04991, A001T04892ZC  
 Servicing: Honda, Rover  
 Grooves 3, Total length 153.00, Pulley SP, Fan IF  
 A: 89.50 B: 58.25 mm



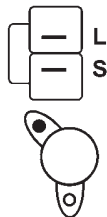
**111587** Alternator 14 V, 75 Amp  
 Replacing: MD344963, MD309844, MD309843, MD192136, MD192134, A3T11278A, A3T11278, A2TN2476A, A2TN2476  
 Servicing: Mitsubishi  
 Grooves 1, Total length 217.00, Pulley P, Fan IF  
 A: 51.00 B: 13.00 C: 55.00 mm



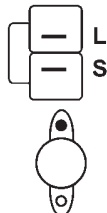
**111594** Alternator 14 V, 75 Amp  
 Replacing: MN137867, MD366050, MD306649, A2TN0499AT, A2T82899ZT, A2T82899AT, A2T82899A, A2T82899, A002TN0499AT  
 Servicing: Mitsubishi  
 Grooves 2, Total length 227.00, Pulley DP, Fan IF  
 A: 42.50 B: 13.00 C: 55.00 mm



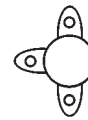
**111626** Alternator 14 V, 90 Amp  
 Replacing: ME202755, ME201837, ME201745, ME200695, MD200695, A3TB1399, A3TA3098A, A3TA3098, A3T09198  
 Servicing: Mitsubishi  
 Grooves 2, Total length 178.00, Pulley DP, Fan IF  
 A: 42.00 B: 13.20 C: 54.60 mm



**111627** Alternator 14 V, 90 Amp  
 Replacing: MD194470, MD188242, A3T11991, A3T1191, A003T11991, A003T1191  
 Servicing: Mitsubishi  
 Grooves 4, Total length 160.00, Pulley SP, Fan IF  
 A: 32.00 B: 13.00 C: 49.60 mm



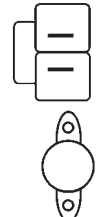
**111704** Alternator 14 V, 70 Amp  
 Replacing: A5T06891D, A5T06891C, A5T06891B, A5T06891A, A5T06891, A005T06891D, A005T06891C, A005T06891B  
 Servicing: Nissan  
 Grooves 4, Total length 175.00, Pulley SP, Fan IF  
 A: 38.00 B: 13.00 C: 81.00 mm



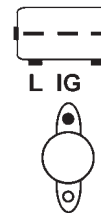
**111720** Alternator 28 V, 90 Amp  
 Replacing: A004TR5191ZT  
 Servicing: Scania  
 Terminal W, Total length 175.50, Pulley w/o, Fan w/o  
 B: 22.70 C: 68.70 mm



**111726** Alternator 14 V, 80 Amp  
 Replacing: A2TB3691KD, A2TB3691, A2TB2491A, A2TA4092B, A2TA4092A, A2TA4091A, A2TA4091, A2TA0491, A2T82491B  
 Servicing: Nissan  
 Grooves 6, Total length 167.50, Pulley SP, Fan IF  
 A: 37.50 B: 25.00 C: 81.00 mm

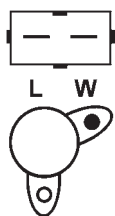


**111747** Alternator 14 V, 70 Amp  
 Replacing: A3T03099, A003T03099  
 Servicing: Nissan  
 Grooves 2, Total length 242.00, Pulley DP, Fan IF  
 A: 41.50 B: 13.00 C: 80.00 mm

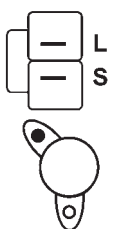


**111779** Alternator 14 V, 70 Amp  
 Replacing: A5TA6891A, A5TA6891, A5TA6191ZE, A5TA6191ZC, A5TA6191, A005TA6891A, A005TA6891, A005TA6191ZE  
 Servicing: Suzuki  
 Grooves 4, Total length 159.50, Pulley SP, Fan IF  
 A: 90.50 B: 58.00 mm

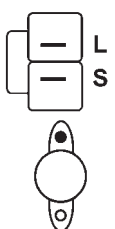




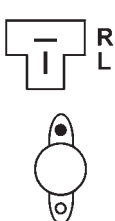
**111797** Alternator 14 V, 95 Amp  
 Replacing: A3TN1791, A003TN1791  
 Servicing: Ford  
 Terminal W, Grooves 4,  
 Total length 243.00, Pulley SP, Fan IF  
 A: 34.00 B: 13.30 C: 81.00 mm



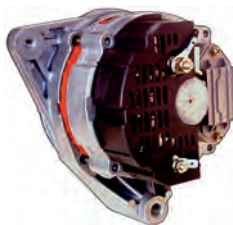
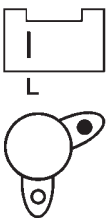
**111806** Alternator 14 V, 90 Amp  
 Replacing: MD350608, MD313395, A3TA0791A,  
 A3TA0791, A003TA0791A, A003TA0791  
 Servicing: Mitsubishi  
 Grooves 5, Total length 168.00,  
 Pulley SP, Fan IF  
 A: 25.00 B: 17.00 C: 54.80 mm



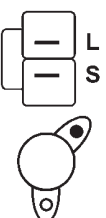
**111807** Alternator 14 V, 70 Amp  
 Replacing: A2TA5891, A2TA3991, A2TA1191,  
 A2T83491A, A2T83491, A2T80391, A2T39391A,  
 A2T39391, A002TA5891  
 Servicing: Kia, Mazda  
 Grooves 4, Total length 158.00,  
 Pulley SP, Fan IF  
 A: 38.00 B: 13.50 C: 66.50 mm



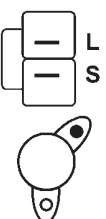
**111832** Alternator 14 V, 40 Amp  
 Replacing: MM438844, MM435752, MM435081,  
 MM432804, A0T25373, A0T25371, A0T25271,  
 A0T25171, A000T25373  
 Servicing: Mitsubishi  
 Grooves 1, Total length 154.50, Pulley P,  
 Fan IF  
 A: 42.00 B: 16.75 C: 41.00 mm



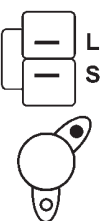
**111841** Alternator 14 V, 50 Amp  
 Replacing: A1T02674D, A1T02674,  
 A001T02674D, A001T02674  
 Servicing: Citroen, Peugeot  
 Grooves 1, Total length 167.00, Pulley P,  
 Fan EF  
 A: 95.50 B: 56.00 mm



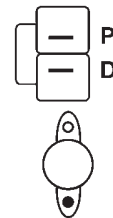
**111872** Alternator 14 V, 65 Amp  
 Replacing: MD313939, MD306648, MD304129,  
 A2TN0499ZT, A2TN0499, A2TN0399,  
 A2T81499, A002TN0499ZT, A002TN0499  
 Servicing: Mitsubishi  
 Grooves 2, Total length 226.00,  
 Pulley DP, Fan IF  
 A: 42.00 B: 13.00 C: 55.00 mm



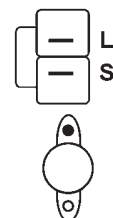
**111956** Alternator 14 V, 75 Amp  
 Replacing: ME202971, ME201838, ME200698,  
 ME200696, A3TB1299, A3T09699, A3T09698,  
 A3T09199, A3T08699  
 Servicing: Mitsubishi  
 Grooves 2, Total length 173.00,  
 Pulley DP, Fan IF  
 A: 41.00 B: 13.00 C: 55.00 mm



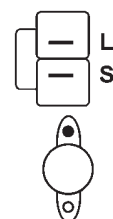
**112065** Alternator 14 V, 65 Amp  
 Replacing: MD334546, MD332546, MD314235,  
 A2TN1299ZT, A2TN1299, A2TN0299,  
 A002TN1299ZT, A002TN1299, A002TN0299  
 Servicing: Mitsubishi  
 Grooves 2, Total length 232.50,  
 Pulley DP, Fan IF  
 A: 56.00 B: 13.00 C: 54.50 mm



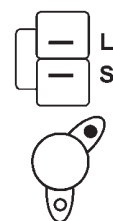
**112067** Alternator 14 V, 80 Amp  
 Replacing: A2TB7791, A2TB0191BD,  
 A2TB0191B, A2TB0191A, A2TB0191,  
 A002TB7791, A002TB0191B, A002TB0191A  
 Servicing: Mazda  
 Grooves 4, Total length 163.00,  
 Pulley SP, Fan IF  
 A: 39.00 B: 13.50 C: 67.00 mm



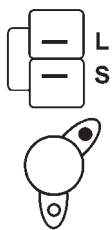
**112068** Alternator 14 V, 35 Amp  
 Replacing: A7T03371A, A7T03371,  
 A007T03371A, A007T03371  
 Servicing: Nissan, TCM  
 Grooves 1, Total length 163.50, Pulley P,  
 Fan IF  
 A: 42.00 B: 13.00 C: 81.25 mm



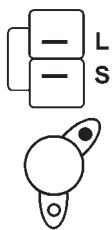
**112069** Alternator 14 V, 50 Amp  
 Replacing: A7TA3377, A7TA3371, A7T03771A,  
 A7T03771, A007TA3377, A007TA3371,  
 A007T03771A, A007T03771  
 Servicing: Nissan  
 Grooves 1, Total length 162.00, Pulley P,  
 Fan IF  
 A: 42.00 B: 13.10 C: 81.60 mm



**112128** Alternator 14 V, 75 Amp  
 Replacing: MD366051, MD327514, MD313942,  
 MD313940, MD306834, A3TN0499, A3TN0399,  
 A3T15099, A2TN1199ZT  
 Servicing: Mitsubishi  
 Grooves 2, Total length 226.00,  
 Pulley DP, Fan IF  
 A: 42.00 B: 13.00 C: 55.10 mm



**112129** Alternator 14 V, 90 Amp  
 Replacing: MD339609, MD162964, A3T07483, A003T07483  
 Servicing: Mitsubishi  
 Grooves 1, Total length 239.00, Pulley P, Fan IF  
 A: 45.65 B: 13.00 C: 55.00 mm



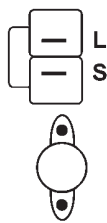
**112205** Alternator 14 V, 90 Amp  
 Replacing: MN137866, MD335227, MD334176, MD320354, A3TN1199, A3TN0899, A3TN0699A, A3TN0699, A003TN1199  
 Servicing: Hyundai, Mitsubishi  
 Grooves 2, Total length 251.00, Pulley DP, Fan IF  
 A: 42.00 B: 13.10 C: 54.90 mm



**112210** Alternator 28 V, 30 Amp  
 Replacing: ME017562, A2T72383, A002T72383  
 Servicing: Mitsubishi  
 Grooves 1, Total length 229.50, Pulley P, Fan IF  
 A: 44.00 B: 13.30 C: 80.90 mm



**112270** Alternator 14 V, 35 Amp  
 Replacing: A1T33277, A1T31699, A1T31685, A1T31377, A1T31374, A1T25097, A1T25087, A1T25083, A1T25077, A1T23377  
 Servicing: Mazda  
 Terminal W, Grooves 1, Total length 168.00, Pulley P, Fan EF  
 A: 41.85 B: 13.50 C: 81.65 mm



**112297** Alternator 14 V, 60 Amp  
 Replacing: A2T05772X, A2T05772, A002T05772X, A002T05772  
 Servicing: Kia, Mazda, Mercury  
 Terminal W, Grooves 1, Total length 157.00, Pulley P, Fan IF  
 A: 42.50 B: 13.10 C: 67.00 mm



**112298** Alternator 14 V, 80 Amp  
 Replacing: A2TA0291F, A2TA0291D, A2TA0291C, A2TA0291B, A2TA0291, A2T37691A, A2T37691, A002TA0291F, A002TA0291D  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 179.00, Pulley SP, Fan IF  
 A: 42.00 B: 26.10 C: 66.70 mm



**112299** Alternator 14 V, 95 Amp  
 Replacing: A4T02891B, A4T02891A, A4T02891, A3TA0591F, A3TA0591E, A3TA0591D, A3TA0591C, A3TA0591, A3TA0291A  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 182.00, Pulley SP, Fan IF  
 A: 43.00 B: 27.30 C: 67.70 mm



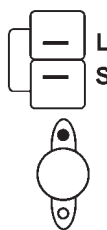
**112325** Alternator 14 V, 70 Amp  
 Replacing: A2TA2292, A2T14592, A002TA2292, A002T14592  
 Servicing: Ford  
 Terminal W, Grooves 5, Total length 170.00, Pulley SP, Fan IF  
 D+ may be w/ M4.  
 A: 33.00 B: 14.20 C: 75.50 mm



**112327** Alternator 14 V, 100 Amp  
 Replacing: MD374904, MD360635, MD358607, MD358421, MD343416, A3TB4191, A3TB0291, A3TA7791, A3TA5492, A3TA5491  
 Servicing: Hyundai, Kia, Mitsubishi, Volvo  
 Grooves 4, Total length 179.00, Pulley SP, Fan IF  
 A: 38.45 B: 13.00 C: 66.50 mm



**112328** Alternator 14 V, 85 Amp  
 Replacing: MD368519, MD343562, MD317862, MD317860, A2TB5791ZC, A2TB0892, A2TA5391ZT, A2TA5391, A2TA4991  
 Servicing: Mitsubishi  
 Grooves 4, Total length 170.00, Pulley SP, Fan IF  
 A: 38.00 B: 13.10 C: 66.50 mm

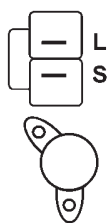


**112332** Alternator 14 V, 70 Amp  
 Replacing: A2T82378, A002T82378  
 Servicing: Suzuki  
 Grooves 1, Total length 238.00, Pulley P, Fan IF  
 A: 50.00 B: 13.00 C: 80.70 mm



**112349** Alternator 14 V, 70 Amp  
 Replacing: A5TA5591, A5TA4791, A5TA1091ZC, A5TA1091, A005TA5591, A005TA4791, A005TA1091ZC, A005TA1091  
 Servicing: Honda  
 Grooves 4, Total length 155.00, Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm



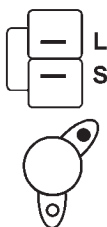

**112352** Alternator 14 V, 70 Amp

Replacing: A2TC1479ZT, A2TA6099AT, A2TA6099A, A2TA6099, A002TC1479ZT, A002TA6099AT, A002TA6099A, A002TA6099

Servicing: Ford, Mazda

Grooves 2, Total length 180.00, Pulley DP, Fan IF

A: 42.00 B: 13.00 C: 65.00 mm

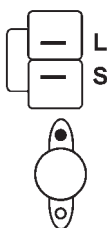

**112355** Alternator 14 V, 80 Amp

Replacing: MD366052, MD340419, A2TN1798ZT, A2TN1798AT, A2TN1798A, A2TN1798, A002TN1798ZT, A002TN1798AT

Servicing: Mitsubishi

Grooves 2, Total length 224.00, Pulley DP, Fan IF

A: 42.00 B: 13.10 C: 54.00 mm


**112359** Alternator 14 V, 100 Amp

Replacing: A3TA4399, A003TA4399

Servicing: Nissan

Grooves 2, Total length 177.00, Pulley DP, Fan IF

A: 41.50 B: 12.90 C: 80.30 mm


**112362** Alternator 14 V, 100 Amp

Replacing: MD350609, MD317119, MD303481, A3TA1191A, A3TA1191, A3T14491, A003TA1191A, A003TA1191, A003T14491

Servicing: Mitsubishi

Grooves 5, Total length 167.00, Pulley SP, Fan IF

A: 24.00 B: 17.30 C: 55.40 mm


**112418** Alternator 14 V, 90 Amp

Replacing: MD357744, MD257744

Servicing: Mitsubishi

Grooves 5, Total length 180.00, Pulley SP, Fan IF

A: 38.00 B: 12.90 C: 66.40 mm


**112427** Alternator 28 V, 90 Amp

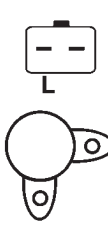
Replacing: A4TA8492, A4TA8292, A4TA8291, A4TA0592, A004TA8492, A004TA8292, A004TA8291, A004TA0592

Servicing: Iveco

Grooves 12, Total length 198.00, Pulley SP, Fan IF

Alternative no.: 115871

A: 90.00 B: 57.60 mm


**112457** Alternator 14 V, 110 Amp

Replacing: A2TV0981, A2TC0982, A2TC0981, A2TB6481, A002TV0981, A002TC0981, A002TB6481

Servicing: Nissan, Renault

Total length 164.50, Pulley w/o, Fan IF  
Freewheel Pulley: HC-CARGO 333026.

B: 15.75 C: 61.00 mm

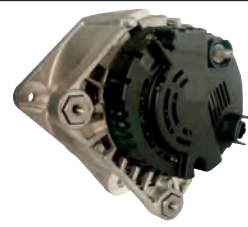
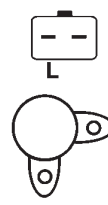

**112460** Alternator 14 V, 150 Amp

Replacing: A4TF0091B, A4TF0091A, A004TF0091B, A004TF0091A

Servicing: Citroen, Fiat, Peugeot

Grooves 6, Total length 177.00, Pulley SP, Fan IF

A: 43.60 B: 22.00 C: 45.60 mm


**112471** Alternator 14 V, 125 Amp

Replacing: MW31216373, MW30638577

Servicing: Mitsubishi, Nissan, Opel, Renault, Vauxhall, Volvo

Grooves 6, Total length 179.00, Pulley SP/FW, Fan IF

A: 32.50 B: 13.50 C: 60.90 mm

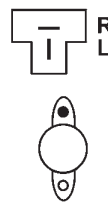

**112480** Alternator 14 V, 90 Amp

Replacing: A2TB4891E, A2TB4891D, A2TB4891C, A2TB4891B, A2TB4891A, A2TB2291A, A002TB4891D, A002TB4891C

Servicing: Citroen, Fiat, Lancia, Peugeot

Grooves 6, Total length 174.00, Pulley SP, Fan IF

A: 44.00 B: 22.00 C: 46.00 mm

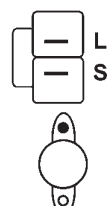

**112492** Alternator 14 V, 50 Amp

Replacing: A7T02077C, A7T02077A, A7T02077, A7T02071C, A7T02071A, A7T02071, A007T02077C, A007T02077A

Servicing: Cub Cadet, Sole Diesel, Vetus

Grooves 1, Total length 157.00, Pulley P, Fan IF

A: 43.50 B: 21.10 mm


**112531** Alternator 14 V, 60 Amp

Replacing: MD111149, MD111148, MD102085, A2T48691, A2T43691, A2T09392, A2T09291, A002T48691, A002T43691

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

Grooves 4, Total length 162.50, Pulley SP, Fan IF

A: 37.45 B: 13.00 C: 55.00 mm





**112559** Alternator 14 V, 50 Amp  
 Replacing: A7TA1491, A007TA1491  
 Servicing: Various Industrial applications  
 Grooves 4, Pulley SP, Fan IF



**112688** Alternator 14 V, 95 Amp  
 Replacing: A2TA2094D, A2TA2094C, A2TA2094B, A2TA2094, A002TA2094D, A002TA2094C, A002TA2094B, A002TA2094  
 Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot  
 Grooves 6, Total length 175.00,  
 Pulley SP, Fan IF  
 A: 92.50 B: 55.80 mm



**112703** Alternator 14 V, 120 Amp  
 Replacing: A3TA5591A, A3TA5591, A003TA5591A, A003TA5591  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 92.00 B: 56.00 mm



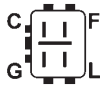
**112771** Alternator 14 V, 90 Amp  
 Replacing: MD011500  
 Servicing: Alfa Romeo, Fiat, Lancia  
 Grooves 5, Total length 180.00,  
 Pulley SP, Fan EF  
 A: 39.50 B: 14.30 C: 82.00 mm



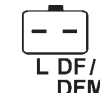
**112772** Alternator 14 V, 120 Amp  
 Manufacturer: Valeo  
 Replacing: A4TA0091F, A4TA0091E, A4TA0091D, A4TA0091C, A4TA0091B, A4T03491B, A4T03491A, A4T03491, A004TA0091F  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 Grooves 6, Total length 175.50,  
 Pulley SP, Fan IF  
 A: 41.70 B: 26.70 C: 66.80 mm



**112970** Alternator 14 V, 70 Amp  
 Replacing: A2T48176B, A2T48176A, A2T48176, A002T48176B, A002T48176A, A002T48176  
 Servicing: Nissan  
 Grooves 1, Total length 163.00, Pulley P, Fan IF  
 A: 42.00 B: 13.00 C: 81.50 mm



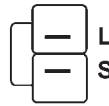
**113035** Alternator 14 V, 75 Amp  
 Replacing: A5TA5491, A5TA4591ZC, A5TA4591, A5TA0991ZC, A5TA0991, A5TA0091, A005TA5491, A005TA4591ZC  
 Servicing: Honda  
 Grooves 4, Total length 156.00,  
 Pulley SP, Fan IF  
 A: 90.25 B: 59.50 mm



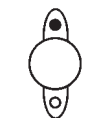
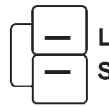
**113246** Alternator 14 V, 90 Amp  
 Replacing: A5TA6392C, A5TA6392B, A5TA6392A, A5TA6392, A005TA6392C, A005TA6392B, A005TA6392A, A005TA6392  
 Servicing: Citroen, Peugeot  
 Grooves 6, Total length 179.00,  
 Pulley SP, Fan IF  
 A: 42.50 B: 22.00 C: 45.40 mm



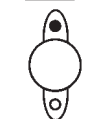
**113250** Alternator 14 V, 70 Amp  
 Replacing: A5TA6292ZEB, A5TA6292G, A5TA6292F, A5TA6292C, A1TA3392, A005TA6292ZEB, A005TA6292ZE, A005TA6292G  
 Servicing: Citroen, Peugeot  
 Grooves 6, Total length 170.00,  
 Pulley SP, Fan IF  
 A: 42.00 B: 22.00 C: 45.50 mm



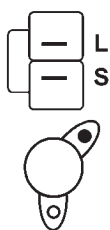
**113310** Alternator 14 V, 50 Amp  
 Replacing: MD354809, MD316418, A2TA2871A, A2TA2871, A002TA2871A, A002TA2871  
 Servicing: Caterpillar, Clark  
 Grooves 1, Total length 165.00, Pulley P, Fan IF  
 A: 41.50 B: 13.00 C: 79.40 mm



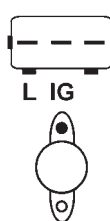
**113315** Alternator 14 V, 85 Amp  
 Replacing: A2T37391ZC, A2T37391AC, A2T37391A, A2T37391, A002T37391ZC, A002T37391AC, A002T37391A, A002T37391  
 Servicing: Subaru  
 Grooves 5, Total length 167.00,  
 Pulley SP, Fan IF  
 A: 46.00 B: 13.00 C: 80.00 mm



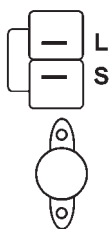
**113317** Alternator 14 V, 80 Amp  
 Replacing: A2TB3191A, A2TB3191, A002TB3191A, A002TB3191  
 Servicing: Nissan  
 Grooves 6, Total length 180.50,  
 Pulley SP, Fan IF  
 A: 38.20 B: 13.00 C: 80.90 mm



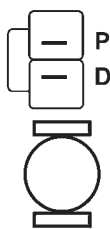
**113321** Alternator 14 V, 125 Amp  
 Manufacturer: Mitsubishi  
 Replacing: ME203546, A3TB1999KD, A3TB1999, A3TA4298A, A3TA4298, A003TB1999KD, A003TB1999, A003TA4298  
 Servicing: Mitsubishi  
 Grooves 2, Pulley DP, Fan IF  
 A: 42.00 B: 13.00 C: 60.50 mm



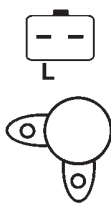
**113322** Alternator 14 V, 60 Amp  
 Replacing: A5TA3891ZC, A5TA3891C, A5TA3891AC, A5TA3891A, A5TA3891, A005TA3891ZC, A005TA3891C, A005TA3891AC  
 Servicing: Suzuki  
 Grooves 4, Total length 157.50, Pulley SP, Fan IF  
 A: 89.85 B: 58.00 mm



**113324** Alternator 14 V, 90 Amp  
 Replacing: A3TB0771, A003TB0771  
 Servicing: Nissan  
 Grooves 1, Total length 164.00, Pulley P, Fan IF  
 A: 43.20 B: 13.00 C: 80.80 mm



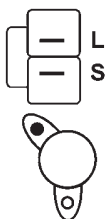
**113348** Alternator 14 V, 90 Amp  
 Replacing: A3TG0091A, A3TG0091, A003TG0091  
 Servicing: Mazda  
 Grooves 6, Pulley SP, Fan IF  
 A: 39.00 B: 60.00 C: 75.00 mm



**113403** Alternator 14 V, 75 Amp  
 Replacing: A1TA2293, A1TA2291, A001TA2293, A001TA2291  
 Servicing: Nissan, Renault  
 Grooves 3, Total length 160.00, Pulley SP, Fan IF  
 A: 53.50 B: 27.00 C: 66.50 mm



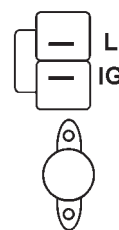
**113405** Alternator 14 V, 70 Amp  
 Replacing: A5TA6291ZEC, A5TA6291ZEB, A5TA6291H, A5TA6291G, A5TA6291F, A5TA6291E, A5TA6291D, A5TA6291C  
 Servicing: Citroen, Peugeot  
 Terminal DF, Grooves 6, Total length 160.00, Pulley SP, Fan IF  
 A: 42.50 B: 22.00 C: 45.50 mm



**113439#** Alternator 14 V, 90 Amp  
 Replacing: A2TB4691, A2TB3891KD, A2TB3891, A2TB0491A, A2TB0491, A002TB4691, A002TB3891KD, A002TB3891  
 Servicing: Nissan  
 Grooves 6, Total length 181.00, Pulley SP, Fan IF  
 A: 38.30 B: 25.00 C: 81.00 mm



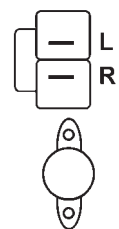
**113485** Alternator 14 V, 80 Amp  
 Replacing: A2TB4391, A2TA1994D, A2TA1994C, A2TA1994B, A2TA1994, A002TB4391, A002TA1994D, A002TA1994C  
 Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki  
 Grooves 6, Total length 166.00, Pulley SP, Fan IF  
 A: 92.00 B: 56.00 mm



**113497** Alternator 28 V, 35 Amp  
 Replacing: ME017614, A3TN5188, A003TN5188  
 Servicing: New Holland, Various Industrial applications  
 Grooves 2, Total length 185.00, Pulley DP, Fan IF  
 A: 42.50 B: 13.30 C: 81.80 mm



**113503** Alternator 14 V, 120 Amp  
 Replacing: A3TB0891C, A3TB0891B, A3TB0891A, A3TB0891, A3TA6491A, A3TA6491, A003TB0891C, A003TB0891B  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 177.00, Pulley SP, Fan IF  
 A: 43.00 B: 22.20 C: 45.00 mm



**113506** Alternator 28 V, 40 Amp  
 Replacing: ME017615, A3TN5288, A003TN5288  
 Servicing: Mitsubishi  
 Terminal W, Grooves 2, Total length 185.00, Pulley DP, Fan EF  
 A: 43.00 B: 13.10 C: 81.60 mm



**113562** Alternator 14 V, 40 Amp  
 Replacing: A7T03877, A007TA1777, A007T03877  
 Servicing: Ford, New Holland  
 Grooves 1, Total length 160.00, Pulley P, Fan IF  
 A: 42.00 B: 12.90 C: 81.50 mm



**113575** Alternator 14 V, 80 Amp

Replacing: A5TA6391C, A5TA6391B, A5TA6391A, A5TA6391, A005TA6391C, A005TA6391B, A005TA6391A, A005TA6391

Servicing: Citroen, Fiat, Peugeot  
Grooves 6, Total length 162.00,  
Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 45.00 mm



**113603** Alternator 14 V, 80 Amp

Replacing: A2TB4791B, A2TB4791A, A2TB4791, A2TB2191A, A002TB4791B, A002TB4791A, A002TB4791, A002TB2191A

Servicing: Citroen, Fiat, Peugeot  
Grooves 6, Total length 172.00,  
Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 46.00 mm

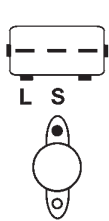


**113604** Alternator 14 V, 95 Amp

Replacing: A2TA2091F, A2TA2091E, A2TA2091D, A2TA2091A, A2TA2091, A002TA2091F, A002TA2091E, A002TA2091D

Servicing: Citroen, Fiat, Lancia, Peugeot  
Grooves 6, Total length 175.50,  
Pulley SP, Fan IF

A: 92.70 B: 56.00 mm

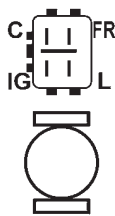


**113634** Alternator 14 V, 90 Amp

Replacing: A2TB6291, A2TB2991, A2TB2891ZC, A2TB2891, A002TB6291, A002TB2991, A002TB2891ZC, A002TB2891

Servicing: Saab, Subaru  
Grooves 5, Total length 165.00,  
Pulley SP, Fan IF

A: 46.45 B: 13.15 C: 79.70 mm



**113712** Alternator 14 V, 90 Amp

Replacing: A2TC0691ZE, A2TC0691AE, A2TC0691A, A2TC0691, A2TB8691, A2TB7591ZE, A2TB7591, A002TB7591

Servicing: Honda  
Grooves 7, Total length 170.00,  
Pulley SP, Fan IF

A: 39.20 B: 31.15 C: 46.00 mm



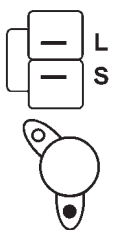
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**113782** Alternator 14 V, 110 Amp

Replacing: MN183450, MN158384, A3TG3491, A3TG1192, A3TG1191, A003TG1192, A003TG1191, 1800A064

Servicing: Mitsubishi  
Grooves 6, Total length 162.00,  
Pulley SP, Fan IF

A: 38.00 B: 13.00 C: 53.50 mm

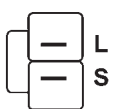


**113785** Alternator 14 V, 80 Amp

Replacing: A2TB1299, A2TB1298, A2TA1099A, A2TA1099, A002TB1299, A002TB1298, A002TA1099A, A002TA1099

Servicing: Mazda  
Grooves 2, Total length 182.00,  
Pulley DP, Fan IF

A: 41.50 B: 12.80 C: 64.00 mm

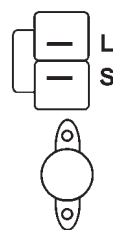


**113832** Alternator 14 V, 90 Amp

Replacing: MD353869, MD330800, MD327551, MD327550, MD325700, MD318458, MD313076

Servicing: Mitsubishi  
Grooves 4, Pulley SP

A: 46.00 C: 65.00 mm

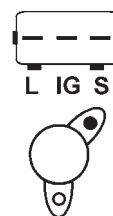


**113886** Alternator 28 V, 50 Amp

Replacing: A4TU9586, A4TU5486, A4TU5485, A004TU9586, A004TU5486

Servicing: Hitachi, Various Industrial applications  
Grooves 3, Total length 225.00,  
Pulley SP, Fan EF

A: 60.00 B: 13.00 C: 70.00 mm



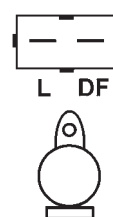
**113923** Alternator 28 V, 90 Amp

Replacing: A4TA8491, A4TA0591, A004TA8491, A004TA0591

Servicing: Iveco  
Grooves 10, Total length 213.00,  
Pulley SP, Fan IF

Alternative no.: 115879

A: 90.00 B: 58.10 mm

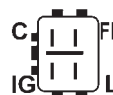


**113952** Alternator 14 V, 70 Amp

Replacing: A5TA6591, A5TA4391, A005TA6591, A005TA4391

Servicing: Ford  
Grooves 6, Total length 159.00,  
Pulley SP, Fan IF

A: 11.00 B: 72.00 C: 52.00 mm



**113954** Alternator 14 V, 70 Amp

Replacing: A5TA7191ZC, A5TA7091ZE, A5TA7091ZC, A5TA7091, A5TA6991A, A005TA7191ZC, A005TA7091ZE, A005TA7091ZC

Servicing: Honda  
Grooves 6, Pulley SP, Fan IF

A: 94.50 B: 58.00 mm

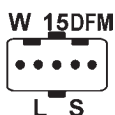




**113971** Alternator 14 V, 115 Amp  
 Replacing: A3TR0094ZT, A3TR0094, A3TR0093ZT, A3TR0093, A3TR0091ZT, A3TR0091, A003TR0091ZT, A003TR0091  
 Servicing: Volvo Penta  
 Terminal W, Grooves 6,  
 Total length 209.00, Pulley SP  
 A: 44.00 B: 14.00 C: 106.00 mm



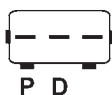
**114018** Alternator 14 V, 65 Amp  
 Replacing: MD339606, A2TN1583, A002TN1583  
 Servicing: Mitsubishi  
 Grooves 1, Total length 207.00, Pulley P, Fan IF  
 A: 46.00 B: 13.00 C: 54.50 mm



**114078** Alternator 28 V, 120 Amp  
 Replacing: A4TR5893ZT, A4TR5893  
 Servicing: Volvo  
 Grooves 8, Pulley SP, Fan IF  
 Alternative no.: 115494   
 A: 45.00 B: 14.00 C: 105.50 mm



**114079** Alternator 14 V, 40 Amp  
 Replacing: A7TA0171B, A7TA0171, A007TA0171B, A007TA0171, 30A68-00801, 30A68-00800  
 Servicing: Case, Cub Cadet, Mitsubishi, Vetus, Volvo  
 Grooves 1, Total length 160.00, Pulley P, Fan IF  
 A: 43.00 B: 16.00 C: 41.60 mm



**114111** Alternator 14 V, 90 Amp  
 Replacing: A3TB6581, A003TB6581  
 Servicing: Mazda  
 Grooves 8, Total length 164.00,  
 Pulley SP/FW, Fan IF  
 A: 39.00 B: 13.00 C: 66.50 mm



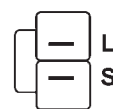
**114112** Alternator 14 V, 90 Amp  
 Replacing: A3TB4981, A003TB4981  
 Servicing: Mazda  
 Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 332313.  
 B: 13.10 C: 65.00 mm



**114116** Alternator 14 V, 75 Amp  
 Replacing: A5TA7599ZC, A5TA7599, A005TA7599ZC, A005TA7599  
 Servicing: Honda  
 Total length 165.00, Pulley w/o, Fan IF  
 B: 22.00 mm



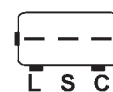
**114129** Alternator 14 V, 90 Amp  
 Replacing: A5TA7792, A5TA7692, A005TA7792  
 Servicing: Ford, Mazda  
 Grooves 6, Total length 160.00,  
 Pulley SP, Fan IF  
 A: 11.00 B: 72.00 C: 52.00 mm



**114187** Alternator 14 V, 105 Amp  
 Replacing: MD371144, A3TN2481AT, A3TN2481A, A3TN2481, A003TN2481  
 Servicing: Mitsubishi  
 Grooves 6, Total length 240.00,  
 Pulley SP/FW, Fan IF  
 A: 42.00 B: 13.00 C: 54.50 mm



**114207** Alternator 14 V, 100 Amp  
 Replacing: A3TN2581, A003TN2581  
 Servicing: Suzuki  
 Total length 224.00, Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 235877.  
 B: 13.00 C: 82.00 mm



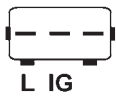
**114214** Alternator 14 V, 80 Amp  
 Replacing: A2TG0391, A2TB6991, A2TB5391, A2TB3091, A002TG0391, A002TB6991, A002TB5391, A002TB3091  
 Servicing: Saab, Subaru  
 Grooves 5, Pulley SP, Fan IF  
 A: 46.50 B: 13.00 C: 80.00 mm



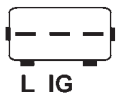
**114229** Alternator 14 V, 120 Amp  
 Replacing: A3TG3391ZT, A3TG3391, A003TG3391ZT, 1800A008  
 Servicing: Mitsubishi  
 Grooves 6, Pulley SP, Fan IF  
 A: 38.00 B: 13.00 C: 66.00 mm



**114244** Alternator 14 V, 130 Amp  
 Replacing: A3TG2681ZE, A3TG2681AE, A3TG2681, A003TG2681ZE, A003TG2681AE, A003TG2681  
 Servicing: Nissan, Renault V.I.  
 Total length 154.00, Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 330341.  
 B: 13.00 C: 81.00 mm



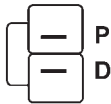
**114245** Alternator 14 V, 75 Amp  
 Replacing: A5TB1291ZE, A5TB1291, A5TB0891ZE, A5TB0891, A005TB1291ZE, A005TB0891ZE  
 Servicing: Suzuki  
 Grooves 4, Total length 155.00,  
 Pulley SP, Fan IF  
 A: 90.50 B: 57.90 mm



**114247** Alternator 14 V, 75 Amp  
 Replacing: A5TB2292ZE, A5TB2292AE, A5TB2292, A5TB1292AE, A5TB1292, A5TA4291ZC, A5TA4291BC, A5TA4291AC  
 Servicing: Opel, Suzuki, Vauxhall  
 Grooves 5, Pulley SP, Fan IF  
 A: 90.40 B: 58.00 mm



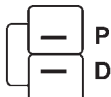
**114303** Alternator 28 V, 100 Amp  
 Replacing: A4TA8591, A004TA8591  
 Servicing: Renault V.I., Volvo  
 Grooves 10, Total length 195.00,  
 Pulley SP, Fan IF  
 A: 82.50 B: 56.00 mm



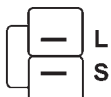
**114356** Alternator 14 V, 100 Amp  
 Replacing: A3TB1081B, A3TB1081A, A3TB1081, A003TB1081B, A003TB1081  
 Servicing: Mazda  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 41.10 B: 55.00 C: 74.20 mm



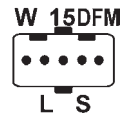
**114357** Alternator 14 V, 90 Amp  
 Replacing: MD375853, MD322925, A2TB7391, A2TA5392, A002TB7391, A002TA5392  
 Servicing: Mitsubishi  
 Grooves 4, Total length 170.00,  
 Pulley SP  
 A: 37.50 B: 13.00 C: 66.40 mm



**114358** Alternator 14 V, 110 Amp  
 Replacing: A2TC0091, A002TC0091  
 Servicing: Mazda  
 Grooves 6, Total length 165.00,  
 Pulley SP  
 A: 13.70 B: 24.15 C: 66.50 mm



**114367** Alternator 14 V, 65 Amp  
 Replacing: MD339608, A2TN1683, A002TN1683  
 Servicing: Mitsubishi  
 Grooves 1, Total length 212.70, Pulley P  
 A: 46.00 B: 13.00 C: 54.00 mm



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**114382** Alternator 28 V, 100 Amp  
 Replacing: A4TR5691ZT, A4TR5691AM, A4TR5691, A004TR5691ZT, A004TR5691  
 Servicing: Scania  
 Grooves 10, Total length 195.00,  
 Pulley SP, Fan IF  
 A: 20.50 C: 35.50 mm



**114406** Alternator 14 V, 115 Amp  
 Manufacturer: Valeo  
 Replacing: 1800A029  
 Servicing: Mitsubishi, Smart (MCC)  
 Grooves 5, Total length 186.00,  
 Pulley SP/FW, Fan IF  
 A: 81.50 B: 46.20 mm



**114407** Alternator 28 V, 90 Amp  
 Replacing: A4TR5393ZT, A4TR5393, A4TR5391ZT, A4TR5391, A004TR5393ZT, A004TR5393, A004TR5391ZT, A004TR5391  
 Servicing: Renault V.I., Volvo  
 Grooves 8, Pulley SP, Fan IF  
 Alternative no.: 115878   
 A: 44.50 B: 13.80 C: 101.00 mm



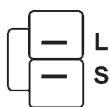
**114415** Alternator 14 V, 50 Amp  
 Replacing: A2T36776, A002T36776  
 Servicing: Mazda  
 Grooves 1, Total length 207.60, Pulley P,  
 Fan IF  
 A: 43.00 B: 12.80 C: 81.90 mm



**114424** Alternator 14 V, 80 Amp  
 Replacing: ME015237, A4TU0088, A004TU0088  
 Servicing: Mitsubishi  
 Grooves 2, Total length 189.00, Pulley DP, Fan EF



**114425** Alternator 28 V, 50 Amp  
 Replacing: ME077790, A4TU9286, A4T40386, A004TU9286, A004T40386  
 Servicing: Mitsubishi  
 Terminal W, Grooves 2, Total length 215.00, Pulley DP, Fan EF  
 A: 42.00 B: 14.00 C: 81.00 mm



**114432** Alternator 14 V, 100 Amp  
 Replacing: MD354804, MD318460, MD313384, A3TA2391A, A3TA2391, A3TA0491, A003TA2391, A003TA0491  
 Servicing: Mitsubishi  
 Grooves 4, Total length 170.00, Pulley SP, Fan IF  
 A: 23.20 B: 13.15 C: 79.60 mm



**114456** Alternator 28 V, 30 Amp  
 Replacing: A2TA8383, A002TA8383  
 Servicing: Kobelco  
 Grooves 1, Total length 161.00, Pulley P, Fan IF  
 A: 43.00 B: 12.80 C: 81.00 mm



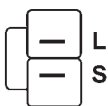
**114457** Alternator 28 V, 35 Amp  
 Replacing: A3TN5883, A003TN5883, 32B68-00200  
 Servicing: Mitsubishi  
 Grooves 1, Total length 237.00, Pulley P, Fan IF  
 A: 44.50 B: 13.75 C: 81.00 mm



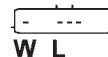
**114461** Alternator 14 V, 75 Amp  
 Replacing: MD354802, A3TA0991A, A003TA0991A  
 Servicing: Mitsubishi  
 Grooves 4, Total length 169.00, Pulley SP, Fan IF  
 A: 23.00 B: 12.00 C: 78.00 mm



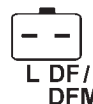
**114472** Alternator 14 V, 90 Amp  
 Replacing: A5TG0991, A005TG0991, 1800A052  
 Servicing: Smart (MCC)  
 Grooves 4, Total length 166.00, Pulley SP, Fan IF  
 A: 43.50 B: 13.00 C: 45.50 mm



**114489** Alternator 14 V, 110 Amp  
 Replacing: A3TA6581KD, A3TA6581AKD, A3TA6581ADK, A3TA6581A, A3TA6581, A003TA6581KD, A003TA6581AK, A003TA6581A  
 Servicing: Nissan  
 Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 235071.  
 B: 12.80 C: 81.00 mm



**114508** Alternator 28 V, 90 Amp  
 Replacing: A4TR5091ZT, A4TR5091, A004TR5091ZT, A004TR5091  
 Servicing: Renault V.I.  
 Terminal W, Grooves 5, Total length 215.00, Pulley SP, Fan IF  
 A: 81.00 B: 27.00 C: 65.00 mm



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**114670\*** Alternator 14 V, 210 Amp  
 Replacing: A4TJ0382ZE, A4TJ0382, A4TJ0381  
 Grooves 7, Pulley SP/FW, Fan IF



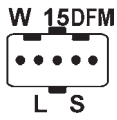
**114707** Alternator 14 V, 80 Amp  
 Replacing: A5TG1392B, A5TG1392A, A5TG1392, A005TG1392B, A005TG1392A, A005TG1392  
 Servicing: Citroen  
 Grooves 6, Pulley SP, Fan IF  
 A: 42.50 B: 22.00 C: 45.50 mm



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**114752\*** Alternator 14 V, 80 Amp  
 Replacing: A5TG0881ZEB, A5TG0881ZEA, A5TG0881ZE, A5TG0881, A005TG0881ZEB, A005TG0881ZEA, A005TG0881ZE  
 Servicing: Citroen, Ds, Peugeot  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 26.00 B: 80.00 C: 47.85 mm





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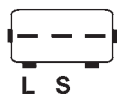
**114753\*** Alternator 28 V, 100 Amp  
 Replacing: A4TR5693ZT, A4TR5693, A4TR5491ZT, A4TR5491AT, A4TR5491, A004TR5693ZT, A004TR5693, A004TR5491AT  
 Servicing: Scania  
 Terminal W, Grooves 8,  
 Total length 195.00, Pulley SP, Fan IF  
 Alternative no.: 115498   
 A: 20.00 B: 85.00 C: 35.50 mm



**114759** Alternator 14 V, 55 Amp  
 Replacing: A7TA1777  
 Servicing: Case, New Holland  
 Terminal W, Grooves 1,  
 Total length 160.00, Pulley P, Fan IF  
 A: 41.00 B: 13.00 C: 82.50 mm



**114770** Alternator 14 V, 80 Amp  
 Replacing: 32A68-04722  
 Servicing: Various Industrial applications  
 Grooves 5, Total length 155.00,  
 Pulley w/o, Fan IF  
 A: 90.70 B: 58.50 mm



**114803** Alternator 14 V, 150 Amp  
 Replacing: A3TJ0781ZE, A3TJ0781AE, A3TJ0781, A003TJ0781ZE, A003TJ0781AE, A003TJ0781  
 Servicing: Nissan  
 Grooves 7, Total length 176.00,  
 Pulley SP/FW, Fan IF  
 A: 38.00 B: 13.00 C: 81.00 mm



**114807** Alternator 14 V, 60 Amp  
 Replacing: A1TA3677, A1TA1777, A001TA1777  
 Servicing: Kubota, Thomas  
 Grooves 1, Pulley P, Fan IF  
 A: 63.00 B: 29.00 mm

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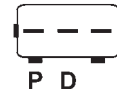
**114809\*** Alternator 28 V, 80 Amp  
 Replacing: A3TA8491, A003TA8491  
 Servicing: Renault V.I.  
 Grooves 2, Pulley DP, Fan IF  
 B: 27.00 C: 64.50 mm



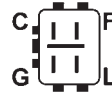
**114811** Alternator 14 V, 120 Amp  
 Manufacturer: Valeo  
 Replacing: A3TG5281ZED, A3TG5281ZEB, A3TG5281ZEA, A3TG5281ZE, A3TG5281, A003TG5281ZED, A003TG5281ZEB  
 Servicing: Citroen, Mini, Peugeot  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 26.00 B: 80.50 C: 47.50 mm



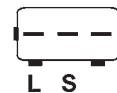
**114826** Alternator 14 V, 185 Amp  
 Manufacturer: Mitsubishi  
 Replacing: A3TX0481, A003TX0481  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 Grooves 7, Total length 200.00,  
 Pulley SP/FW, Fan IF  
 A: 33.00 B: 14.50 C: 59.50 mm



**114839** Alternator 14 V, 100 Amp  
 Replacing: A3TB6781A, A3TB6781, A003TB6781A, A003TB6781  
 Servicing: Mazda  
 Grooves 8, Total length 185.00,  
 Pulley SP/FW, Fan IF  
 A: 39.00 B: 13.00 C: 66.00 mm



**114841** Alternator 14 V, 80 Amp  
 Replacing: A5TB1391ZD, A5TB1391, A5TB0091, A005TB1391ZD, A005TB1391, A005TB0091  
 Servicing: Honda  
 Grooves 5, Total length 165.00,  
 Pulley SP, Fan IF  
 A: 42.00 B: 16.50 C: 39.00 mm



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**114842\*** Alternator 14 V, 150 Amp  
 Replacing: A3TJ2481ZE, A3TJ2481, A003TJ2481ZE, A003TJ2481  
 Servicing: Nissan, Renault  
 Grooves 7, Pulley SP/FW, Fan IF



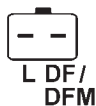
**114843** Alternator 28 V, 80 Amp  
 Replacing: A3TR5092ZT, A3TR5092, A003TR5092ZT  
 Servicing: Volvo Penta  
 Grooves 8, Total length 207.00,  
 Pulley SP, Fan IF  
 A: 44.50 B: 13.50 C: 104.00 mm



**114845** Alternator 28 V, 80 Amp  
 Replacing: A3TR5093, A003TR5093  
 Servicing: Volvo Penta  
 Terminal W, Grooves 6,  
 Total length 201.00, Pulley SP, Fan IF  
 A: 44.50 B: 14.0 C: 104.00 mm



**114846** Alternator 28 V, 130 Amp  
 Replacing: A4TR5891ZT, A4TR5891,  
 A004TR5891ZT  
 Servicing: Renault V.I., Volvo  
 Grooves 8, Total length 211.00,  
 Pulley SP, Fan IF  
 A: 44.50 B: 13.50 C: 103.60 mm

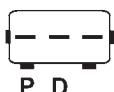


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**114859** Alternator 14 V, 180 Amp  
 Replacing: A4TJ0084C, A4TJ0084B,  
 A4TJ0084A, A4TJ0084, A4TJ0081C,  
 A4TJ0081B, A4TJ0081A, A4TJ0081,  
 A004TJ0084C  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 Grooves 6, Pulley SP/FW, Fan IF



**114861** Alternator 28 V, 100 Amp  
 Replacing: A4TR5291ZT, A4TR5291AT,  
 A4TR5291, A004TR5291ZT, A004TR5291AT,  
 A004TR5291  
 Servicing: Scania  
 Terminal W, Grooves 8,  
 Total length 190.00, Pulley SP, Fan IF  
 A: 20.00 B: 85.00 C: 35.50 mm



**114865** Alternator 14 V, 100 Amp  
 Replacing: A2TJ0391C, A2TJ0391B,  
 A2TJ0391A, A2TJ0391, A002TJ0391C,  
 A002TJ0391B, A002TJ0391A, A002TJ0391  
 Servicing: Mazda  
 Grooves 6, Pulley SP, Fan IF  
 A: 40.00 B: 60.00 C: 73.80 mm



**114880** Alternator 28 V, 110 Amp  
 Replacing: A4TR5592ZT, A4TR5592,  
 A4TR5591ZT, A4TR5591, A004TR5592ZT,  
 A004TR5592, A004TR5591ZT, A004TR5591  
 Servicing: Renault V.I., Volvo  
 Terminal W, Grooves 8,  
 Total length 212.00, Pulley SP, Fan IF  
 A: 44.50 B: 13.81 C: 103.00 mm

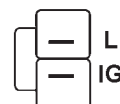


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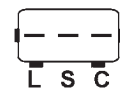
**114881** Alternator 14 V, 80 Amp  
 Replacing: A5TG0291, A005TG0291  
 Servicing: Suzuki  
 Grooves 5, Total length 170.00,  
 Pulley SP, Fan IF  
 A: 90.00 B: 57.50 mm



**114902** Alternator 14 V, 90 Amp  
 Replacing: 32868-03201  
 Servicing: Caterpillar  
 Grooves 2, Total length 174.00,  
 Pulley DP, Fan IF  
 A: 95.50 B: 58.00 mm

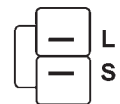


**115315** Alternator 28 V, 50 Amp  
 Replacing: A4TU9685, A4TU6285,  
 A004TU9685, A004TU6285  
 Servicing: Isuzu  
 Terminal W, Grooves 3,  
 Total length 227.00, Pulley Triple Pulley,  
 Fan EF  
 A: 60.00 B: 13.00 C: 70.00 mm

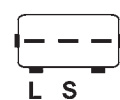


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**115316\*** Alternator 14 V, 100 Amp  
 Replacing: A5TL0191AM, A5TL0191A,  
 A5TL0191, A005TL0191A  
 Servicing: Nissan  
 Grooves 7, Pulley SP, Fan IF  
 mm



**115317** Alternator 14 V, 120 Amp  
 Replacing: A2TG0281, A002TG0281  
 Servicing: Nissan, Opel, Renault, Renault  
 V.I., Vauxhall  
 Grooves 7, Total length 190.00,  
 Pulley SP/FW, Fan IF  
 A: 38.50 B: 13.10 C: 81.00 mm

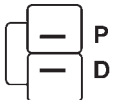


**115340** Alternator 14 V, 120 Amp  
 Replacing: A2TJ0281ZE, A2TJ0281  
 Servicing: Dongfeng (DFL), Nissan, Nissan  
 (Dongfeng)  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 38.50 B: 14.00 C: 58.50 mm

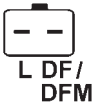




**115348** Alternator 14 V, 100 Amp  
 Replacing: MN163016, A3TB6091  
 Servicing: Mitsubishi  
 Grooves 6, Pulley SP, Fan IF  
 A: 38.00 B: 13.00 C: 66.50 mm



**115368** Alternator 14 V, 90 Amp  
 Replacing: A3TG0081B, A3TG0081A, A3TG0081, A003TG0081A, A003TG0081  
 Servicing: Mazda  
 Grooves 6, Total length 175.00, Pulley SP/FW, Fan IF  
 A: 40.50 B: 60.00 C: 76.00 mm



**115369** Alternator 14 V, 150 Amp  
 Replacing: 1800A138  
 Servicing: Citroen, Mitsubishi, Peugeot  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 41.50 B: 21.00 C: 45.50 mm



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**115371\*** Alternator 14 V, 120 Amp  
 Replacing: A3TG1891ZEB, A3TG1891ZEA, A3TG1891ZE, A3TG1891B, A3TG1891A, A3TG1891, A003TG1891ZE, A003TG1891B  
 Servicing: Citroen, Peugeot  
 Grooves 6, Pulley SP, Fan IF



**115438** Alternator 14 V, 120 Amp  
 Replacing: A3TB2691K, A3TB2691J, A3TB2691H, A3TB2691G, A3TB2691F, A3TB2691E, A3TB2691D, A3TB2691C, A3TB2691B  
 Servicing: Citroen, Peugeot  
 Grooves 6, Total length 180.00, Pulley SP, Fan IF  
 A: 42.50 B: 22.00 C: 45.50 mm



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**115441** Alternator 14 V, 85 Amp  
 Replacing: MN155953, A5TG1691ZE, A5TG0091ZE, A5TG0091BE, A5TG0091AE, A5TG0091, A005TG0091ZE, A005TG0091BE  
 Servicing: Mitsubishi, Smart (MCC)  
 Grooves 5, Pulley SP, Fan IF



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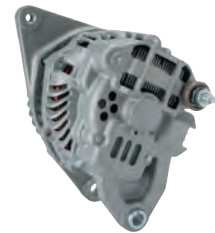
**115453\*** Alternator 14 V, 110 Amp  
 Replacing: A3TG4291, A3TG0491A, A3TG0491, A003TG4291, A003TG0591, A003TG0491  
 Servicing: Subaru  
 Grooves 5, Total length 168.00, Pulley SP, Fan IF  
 A: 46.00 B: 13.00 C: 80.00 mm



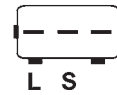
**115454** Alternator 28 V, 40 Amp  
 Replacing: A2TA8191ZT, A2TA8191, A002TA8191ZT, A002TA8191  
 Servicing: Renault V.I.  
 Terminal W, Grooves 2, Total length 185.00, Pulley DP, Fan IF  
 A: 48.30 B: 27.00 C: 66.70 mm



**115474** Alternator 14 V, 80 Amp  
 Manufacturer: Mitsubishi  
 Replacing: A5TG0192B, A5TG0192A, A5TG0192, A005TG0192B, A005TG0192A, A005TG0192  
 Servicing: Citroen, Dongfeng Citroen, Peugeot  
 Grooves 6, Pulley SP, Fan IF



**115477** Alternator 14 V, 90 Amp  
 Replacing: A5TG0491ZT, A5TG0491, A005TG0491ZT, 1800A007  
 Servicing: Mitsubishi  
 Grooves 6, Total length 177.00, Pulley SP, Fan IF  
 A: 38.50 B: 13.00 C: 66.00 mm



**115548** Alternator 14 V, 120 Amp  
 Replacing: A2TJ0291ZE, A2TJ0291ZC, A2TJ0291, A002TJ0291ZE, A002TJ0291  
 Servicing: Nissan  
 Grooves 7, Pulley SP, Fan IF  
 A: 32.50 B: 14.50 C: 59.00 mm



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**115550** Alternator 14 V, 90 Amp  
 Replacing: A3TB5099, A003TB5099  
 Servicing: Nissan  
 Grooves 2, Pulley DP, Fan IF





**115577** Alternator 28 V, 80 Amp  
 Replacing: A4TR5392ZT, A4TR5392, A004TR5392ZT, A004TR5392  
 Servicing: Renault V.I., Volvo  
 Grooves 8, Total length 212.00,  
 Pulley SP, Fan IF  
 A: 45.00 B: 13.50 C: 103.50 mm

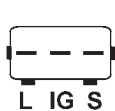
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**115585** Alternator 28 V, 160 Amp  
 Replacing: A9TU5591ZT, A9TU5591A, A9TU5591, A009TU5591A, A009TU5591  
 Grooves 8, Pulley SP, Fan EF



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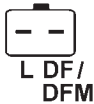
**115586\*** Alternator 28 V, 150 Amp  
 Replacing: A9TU6499  
 Servicing: Scania  
 Grooves 10, Pulley SP, Fan EF



**115602** Alternator 28 V, 90 Amp  
 Replacing: A4TA8494, A004TA8494  
 Servicing: Iveco  
 Grooves 6, Total length 198.00,  
 Pulley SP, Fan IF  
 A: 91.00 B: 58.90 mm

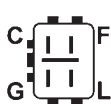


**115655** Alternator 14 V, 110 Amp  
 Replacing: A2TC0391  
 Servicing: Dacia, Renault  
 Grooves 4, Total length 172.00,  
 Pulley SP, Fan IF  
 A: 52.00 B: 27.00 C: 67.50 mm



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**115656\*** Alternator 14 V, 70 Amp  
 Replacing: A1TA3792, A001TA3792  
 Servicing: Dacia, Renault  
 Grooves 4, Pulley SP, Fan IF



**115661** Alternator 14 V, 90 Amp  
 Replacing: A2TC1391ZE, A2TC1391ZC, A2TC1391, A002TC1391ZE, A002TC1391ZC  
 Servicing: Dongfeng Honda, Honda  
 Grooves 7, Total length 170.00,  
 Pulley SP, Fan IF  
 A: 44.50 B: 20.00 C: 40.50 mm



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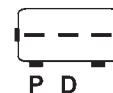
**115703\*** Alternator 14 V, 150 Amp  
 Replacing: A2TX1781, A002TX1781  
 Servicing: Nissan  
 Grooves 7, Pulley SP/FW, Fan IF



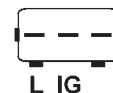
**115760** Alternator 14 V, 120 Amp  
 Replacing: A3TG3181, A003TG3181, 1800A053  
 Servicing: Citroen, Mitsubishi  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 34.00 B: 13.00 C: 52.50 mm



**115786** Alternator 14 V, 90 Amp  
 Replacing: A3TG4791, A3TG1391AD, A3TG1391A, A3TG1391, A003TG1391A, A003TG1391  
 Servicing: Mazda  
 Grooves 6, Pulley SP, Fan IF  
 A: 75.00 B: 75.00 C: 68.60 mm

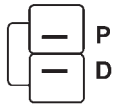


**115795** Alternator 14 V, 90 Amp  
 Replacing: A2TG1391ZD, A2TG1391, A002TG1391  
 Servicing: Mazda  
 Grooves 6, Pulley SP, Fan IF  
 A: 37.30 B: 13.00 C: 66.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115796\*** Alternator 14 V, 110 Amp  
 Replacing: A3TG2391ZC, A3TG2391  
 Servicing: Subaru  
 Grooves 5, Pulley SP, Fan IF



**115797** Alternator 14 V, 100 Amp  
 Replacing: A3TG1291B, A3TG1291A, A3TG1291  
 Servicing: Mazda  
 Grooves 5, Pulley SP, Fan IF  
 A: 38.00 B: 13.00 C: 65.00 mm



**115798** Alternator 28 V, 120 Amp  
 Replacing: A4TR5791ZT, A4TR5791, A004TR5791ZT, A004TR5791  
 Servicing: Iveco  
 Grooves 10, Total length 198.00, Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm



**115799** Alternator 28 V, 120 Amp  
 Replacing: A4TR5794ZT, A4TR5794, A004TR5794ZT, A004TR5794  
 Servicing: Iveco  
 Grooves 6, Total length 182.00, Pulley SP, Fan IF  
 A: 90.00 B: 58.00 mm



**115800** Alternator 28 V, 100 Amp  
 Replacing: A4TR5191ZT, A4TR5191, A4TR5188ZT, A4TR5188, A004TR5188ZT  
 Servicing: Scania  
 Terminal W, Grooves 2, Total length 195.00, Pulley DP, Fan IF  
 A: 55.00 B: 22.80 C: 67.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115811\*** Alternator 14 V, 150 Amp  
 Replacing: A2TX2181, A002TX2181  
 Servicing: Nissan  
 Grooves 7, Total length 188.00, Pulley SP/FW, Fan IF  
 A: 33.00 B: 14.00 C: 58.50 mm

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

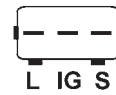
**115832\*** Alternator 28 V, 80 Amp  
 Replacing: A3TA8591ZT, A3TA8591, A003TA8591ZT, A003TA8591  
 Servicing: Renault V.I.  
 Grooves 8, Pulley SP, Fan IF



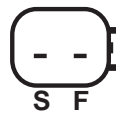
**115871** Alternator 28 V, 90 Amp  
 Manufacturer: Mitsubishi  
 Replacing: A4TA8492, A4TA8292, A4TA8291, A4TA0592, A004TA8492, A004TA8292, A004TA8291, A004TA0592  
 Servicing: Iveco  
 Grooves 12, Total length 204.00, Pulley SP, Fan IF  
 Alternative no.: 112427  
 A: 90.00 B: 58.00 mm



**115878** Alternator 28 V, 90 Amp  
 Manufacturer: Mitsubishi  
 Replacing: A4TR5391ZT, A4TR5391, A004TR5391ZT, A004TR5391  
 Servicing: Renault V.I.  
 Grooves 8, Total length 212.00, Pulley SP, Fan IF  
 Alternative no.: 114407  
 A: 44.50 B: 14.00 C: 104.30 mm



**115879** Alternator 28 V, 90 Amp  
 Manufacturer: Mitsubishi  
 Replacing: A4TA8491, A4TA0591, A004TA8491, A004TA0591  
 Servicing: Iveco  
 Grooves 10, Total length 196.00, Pulley SP, Fan IF  
 Alternative no.: 113923  
 A: 90.00 B: 58.00 mm



**115925** Alternator 14 V, 115 Amp  
 Replacing: A2TJ0481ZD, A2TJ0481ZC, A2TJ0481  
 Servicing: Chrysler, Dodge, Jeep  
 Grooves 6, Total length 198.00, Pulley SP/FW, Fan IF  
 A: 34.00 B: 12.70 C: 53.80 mm



**NEW PRODUCT**  
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**115926** Alternator 14 V, 120 Amp  
 Replacing: A3TG4679, 1800A115  
 Servicing: Mitsubishi  
 Grooves 2, Total length 180.00, Pulley DP, Fan IF  
 A: 42.00 B: 13.00 C: 60.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

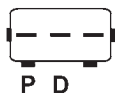
**115927** Alternator 14 V, 125 Amp  
 Replacing: MD341353, A3TA7291, A003TA7291  
 Servicing: Mitsubishi  
 Grooves 5, Pulley SP, Fan IF



**115975** Alternator 14 V, 110 Amp  
 Replacing: A3TG2991A, A3TG2991, 1800A067  
 Servicing: Mitsubishi  
 Grooves 6, Pulley SP, Fan IF  
 A: 42.50 B: 13.00 C: 67.00 mm

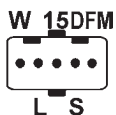
**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115995\*** Alternator 28 V, 50 Amp  
 Replacing: A4TU3586, A004TU3586, 34368-02300, 34363-02300  
 Servicing: Caterpillar  
 Grooves 2, Pulley DP, Fan EF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**116011\*** Alternator 14 V, 100 Amp  
 Replacing: A2TJ0681A, A2TJ0681, A002TJ0681  
 Servicing: Mazda  
 Grooves 8, Pulley SP/FW, Fan IF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**116014\*** Alternator 28 V, 100 Amp  
 Replacing: A4TA8191, A004TA8191  
 Grooves 10, Pulley SP, Fan IF



**116015\*** Alternator 28 V, 80 Amp  
 Replacing: A3TA8791, A003TA8791  
 Servicing: Renault V.I.  
 Grooves 10, Pulley SP, Fan IF

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)



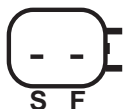
**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**116019\*** Alternator 28 V, 90 Amp  
 Replacing: A4TA8792, A004TA8792  
 Servicing: Iveco  
 Grooves 12, Pulley SP, Fan IF



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**116020** Alternator 14 V, 100 Amp  
 Replacing: A2TG0191ZC, A2TG0191, A002TG0191ZC  
 Servicing: Chrysler, Dodge  
 Grooves 4, Total length 172.00, Pulley SP, Fan IF  
 A: 36.50 B: 12.00 C: 51.00 mm



**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**116037\*** Alternator 14 V, 160 Amp  
 Replacing: A2TX0281ZC, A2TX0281  
 Servicing: Dodge  
 Grooves 6, Pulley SP/FW, Fan IF



**116109\*** Alternator 14 V, 45 Amp  
 Replacing: A7TA1677  
 Servicing: Kubota  
 Grooves 1, Pulley P, Fan IF

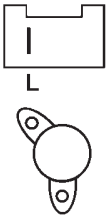
**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)



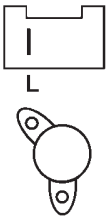
**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**116110\*** Alternator 14 V, 110 Amp  
 Replacing: A3TJ1181, A003TJ1181  
 Servicing: Mazda  
 Pulley SP/FW, Fan IF





**110048** Alternator 14 V, 35 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 510-834  
 Servicing: Farymann, Renault, Volvo Penta  
 Grooves 1, Total length 180.00,  
 Pulley SP, Fan EF, Insulated return  
 A: 72.00 B: 51.00 mm



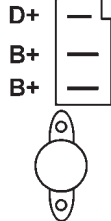
**110052** Alternator 28 V, 40 Amp  
 Replacing: 9AR3739G, 9AR3739, 9AR3713G,  
 9AR3713, 9AR2713, 510-817, 510-804  
 Servicing: Baudouin, DAF, Volvo Penta  
 Terminal W, Total length 177.00,  
 Pulley w/o, Fan EF, Insulated return  
 B: 50.75 mm



**110077** Alternator 14 V, 50 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 510-249  
 Servicing: Case, Citroen, Deutz-Fahr, Fendt,  
 Goldoni, Opel, Peugeot, Vauxhall  
 Grooves 1, Total length 171.00, Pulley P,  
 Fan EF  
 A: 78.50 B: 56.00 mm



**110105** Alternator 14 V, 55 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 9AR2968K, 9AR2968, 510-384  
 Servicing: John Deere  
 Grooves 1, Total length 178.00, Pulley P,  
 Fan EF  
 A: 83.30 B: 56.00 mm



**110107** Alternator 14 V, 55 Amp  
 Replacing: 9AR5083G, 9AR5010F, 9AR2888,  
 9AR2887, 9AR2725F, 510-501, 510-492, 510-  
 456, 510-368, 510-320  
 Servicing: Massey Ferguson  
 Total length 165.00, Pulley w/o, Fan w/o  
 B: 27.00 mm



**110112** Alternator 28 V, 40 Amp  
 Replacing: 9AR3921G, 510-348, 510-347  
 Servicing: Volvo, Volvo Penta  
 Terminal W, Total length 175.50,  
 Pulley w/o, Fan w/o  
 B: 51.00 mm



**110113** Alternator 28 V, 27 Amp  
 Replacing: 9AR3927G, 510-372  
 Servicing: Mercedes-Benz  
 Total length 165.00, Pulley w/o, Fan EF  
 B: 80.00 mm



**110116** Alternator 28 V, 35 Amp  
 Replacing: 9AR3987G, 510-397  
 Servicing: DAF, Ford, MAN  
 Terminal W, Total length 180.00,  
 Pulley w/o, Fan w/o  
 B: 80.00 mm



**110117** Alternator 28 V, 35 Amp  
 Manufacturer: Valeo  
 Replacing: 9AR6012G, 9AR6012, 510-427  
 Servicing: Iveco, Magirus-Deutz, Steyr,  
 Various Agriculture Vehicles  
 Total length 183.50, Pulley w/o, Fan EF  
 B: 56.00 mm



**110127** Alternator 14 V, 70 Amp  
 Replacing: 9AR2775F, 9AR2775, 9AR2741P,  
 9AR2741F, 9AR2740P, 9AR2738P, 9AR2712P,  
 510-819, 510-818, 510-816  
 Servicing: Farymann, Volvo Penta  
 Terminal W, Grooves 1, Total length 179.00,  
 Pulley P, Fan EF, Insulated return  
 A: 79.00 B: 51.00 mm



**110163** Alternator 28 V, 45 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 9AR3961, 9AR3806G, 510-388  
 Servicing: Renault V.I.  
 Terminal W, Grooves 2,  
 Total length 172.50, Pulley DP, Fan EF  
 A: 48.75 B: 27.25 C: 67.50 mm



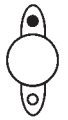
**110173** Alternator 28 V, 75 Amp  
 Replacing: 8LHA3025PA, 8LHA2012NO  
 Servicing: Clark, DAF  
 Total length 246.00, Pulley w/o, Fan EF,  
 Insulated return  
 B: 14.50 C: 101.50 mm



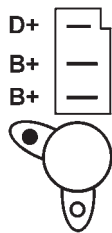
**110175** Alternator 28 V, 100 Amp  
 Replacing: 8SC3002Y  
 Servicing: Volvo Penta  
 Total length 249.00, Pulley w/o, Fan EF, Insulated return  
 Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.  
 B: 14.75 C: 103.00 mm



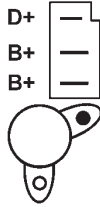
**110176** Alternator 28 V, 175 Amp  
 Replacing: 8SC3005Y  
 Servicing: Volvo Penta  
 Terminal W, Total length 278.00,  
 Pulley w/o, Fan EF, Insulated return  
 B: 14.75 C: 101.50 mm



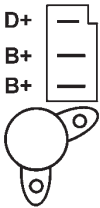
**110177** Alternator 14 V, 51 Amp  
 Manufacturer: Prestolite  
 Replacing: 8HA2008  
 Servicing: Thermo King  
 Total length 154.00, Pulley w/o, Fan EF  
 Regulator: HC-CARGO 130679.  
 B: 27.25 mm



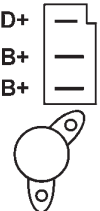
**110178** Alternator 14 V, 36 Amp  
 Manufacturer: Lucas  
 Replacing: 9AR2916F, 9AR2916, 9AR2915F,  
 510-105, 510-104, 2541194  
 Servicing: Austin, Bedford, Case, Ford,  
 Jensen, Land Rover, Lotus, Massey Ferguson,  
 MG, Morris, New Holland, Plymouth, Rover  
 Total length 164.00, Pulley w/o, Fan EF  
 B: 10.00 C: 87.00 mm



**110179** Alternator 14 V, 36 Amp  
 Manufacturer: Lucas  
 Replacing: 9AR5019, 9AR2877, 9AR2603G,  
 9AR2603F, 9AR2603  
 Servicing: Bedford, Case, Ford, Jaguar, Land  
 Rover, LDV International, Lotus, Mercury,  
 Triumph, Vauxhall  
 Total length 162.00, Pulley w/o, Fan EF  
 For pulley w/ 17.00 mm bore use bushing:  
 HC-CARGO 134894.  
 B: 9.75 C: 88.00 mm



**110358** Alternator 14 V, 55 Amp  
 Replacing: 9AR5028K02, 9AR5028K,  
 9AR2846K, 9AR2846, 9AR2845, 9AR2785,  
 9AR2784K, 9AR2765, 9AR2759K02  
 Servicing: Mercedes-Benz, Seat  
 Grooves 1, Total length 162.50, Pulley P,  
 Fan EF  
 A: 77.50 B: 56.00 mm



**110360** Alternator 14 V, 45 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 9AR2896G, 9AR2883G, 9AR2883,  
 9AR2835G, 9AR2835, 9AR2756F, 9AR2528F  
 Servicing: Audi, Deutz-Fahr, VW  
 Total length 154.00, Pulley w/o, Fan w/o  
 B: 56.00 mm



**110371** Alternator 14 V, 50 Amp  
 Replacing: 8MR2013L, 8AR65N12  
 Servicing: Carrier Transcold, Kubota  
 Terminal W, Grooves 1,  
 Total length 188.00, Pulley P, Fan EF  
 B: 27.00 mm



**110408** Alternator 14 V, 35 Amp  
 Manufacturer: Prestolite  
 Replacing: 8RA2050F, 8EB2003F, 8EB2002F,  
 8EA2016F, 8EA2011N, 8EA2004F, 8EA2002F,  
 8EA2001F, 8AL2040FS  
 Servicing: American Motors, Jeep  
 Terminal W, Total length 145.00,  
 Pulley w/o, Fan EF  
 B: 27.00 mm



**110487** Alternator 14 V, 37 Amp  
 Replacing: 8EK2011FC, 8EK2011FB,  
 8EK2011FA, 8EK2008FC, 8EK2006FC,  
 8EK2004DE, 8EK2003FD, 8EK2003FC  
 Servicing: Thermo King  
 Total length 180.00, Pulley w/o, Fan EF  
 B: 27.00 mm

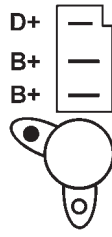


**110488** Alternator 14 V, 65 Amp  
 Replacing: 8EK2012NB, 8EK2007NC,  
 8EK2005ND, 8EK2005NC  
 Servicing: Thermo King  
 Total length 178.00, Pulley w/o, Fan EF  
 B: 27.00 mm

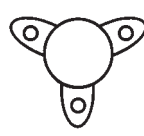


**110743** Alternator 14 V, 30 Amp  
 Replacing: 9AL2696G  
 Servicing: Citroen  
 Grooves 1, Total length 155.00, Pulley P,  
 Fan EF  
 Regulator: HC-CARGO 130679.  
 A: 61.00 B: 40.00 mm





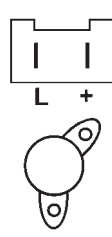
**110759** Alternator 14 V, 35 Amp  
 Replacing: 9AR2895F, 9AR2895, 9AR2703F, 9AR2698F, 9AR2627G, 9AR2627, 9AR2613F, 9AR2613, 9AR2612G, 9AR2612  
 Servicing: Austin, Ford, Mercury  
 Grooves 1, Total length 160.00, Pulley P, Fan EF  
 A: 36.15 B: 10.50 C: 79.00 mm



**110766** Alternator 28 V, 27 Amp  
 Replacing: 9AR6015K  
 Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr  
 Terminal W, Total length 170.00, Pulley w/o, Fan EF  
 B: 56.00 mm



**110877** Alternator 14 V, 65 Amp  
 Replacing: 9AR5037L, 9AR5037, 9AR2984L, 9AR2984, 510-453, 510-404  
 Servicing: BMW  
 Total length 159.00, Pulley w/o, Fan EF  
 B: 51.00 mm



**110889** Alternator 14 V, 75 Amp  
 Replacing: 9AR2950P  
 Servicing: Renault, Renault V.I.  
 Terminal W, Grooves 1, Total length 186.50, Pulley P, Fan EF  
 A: 57.90 B: 26.90 C: 69.00 mm



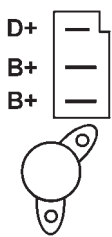
**110890** Alternator 14 V, 55 Amp  
 Replacing: 9AL5050K  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same  
 Grooves 1, Total length 169.00, Pulley P, Fan w/o  
 A: 49.00 B: 17.00 C: 63.00 mm



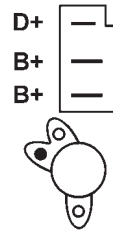
**110891** Alternator 14 V, 70 Amp  
 Replacing: 9AR2604P, 9AR2604L, 9AR2538K, 9AR2533P, 9AR2533, 9AR2501K  
 Servicing: Ford, Land Rover, MG  
 Terminal W, Total length 169.00, Pulley w/o, Fan w/o  
 As HC-CARGO 114788, but w/o pulley.  
 B: 11.30 C: 83.00 mm



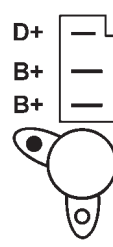
**110911** Alternator 14 V, 55 Amp  
 Replacing: 9AR2780K, 9AR2780, 9AR2638P, 9AR2638, 9AR2621L, 9AR2596K, 9AR2588K, 9AR2588  
 Servicing: Audi, Peugeot, Saab, VW  
 Grooves 1, Total length 171.00, Pulley P, Fan EF  
 A: 77.64 B: 56.00 mm



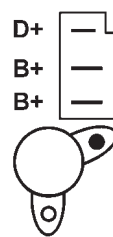
**110913** Alternator 14 V, 70 Amp  
 Replacing: 9BE2NB2A, 9BE2KA2A, 9AR5100G, 9AR5100, 9AR5045L, 9AR5015L, 9AR2897L, 9AR2884L, 9AR2830L, 9AR2830  
 Servicing: Audi, VW  
 Terminal W, Pulley w/o, Fan w/o  
 B: 56.00 mm



**110919** Alternator 14 V, 70 Amp  
 Replacing: 9AR5099L, 9AR5088L, 9AR5030L, 9AR2977L, 9AR2977  
 Servicing: Audi, VW  
 Grooves 1, Total length 185.00, Pulley P, Fan EF  
 A: 110.00 B: 56.00 mm



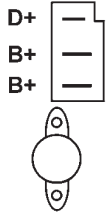
**110968** Alternator 14 V, 70 Amp  
 Replacing: 9AR5060, 9AR2960F, 9AR2841, 9AR2705G, 9AR2705, 9AR2699G, 9AR2683G, 9AR2683, 9AR2654G, 9AR2650D  
 Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra  
 Grooves 1, Total length 167.00, Pulley P, Fan EF  
 Pulley distance is ok from 34.00 to 43.00 mm.  
 A: 34.00 B: 11.00 C: 82.00 mm



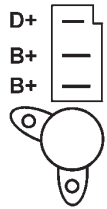
**110969** Alternator 14 V, 65 Amp  
 Manufacturer: Prestolite  
 Replacing: 9AR2913, 9AR2878, 9AR2803F, 9AR2706G, 9AR2706, 9AR2704F, 9AR2684P, 9AR2655G, 9AR2653F, 9AR2653  
 Servicing: Land Rover, Various Agriculture Vehicles  
 Grooves 1, Total length 167.50, Pulley P, Fan EF  
 A: 38.00 B: 11.00 C: 82.00 mm

All measurements are in mm, unless else stated. \*Available while stock last, \* Program development. O.E.M. names and numbers are used for reference purposes only.

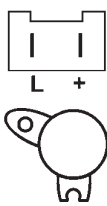




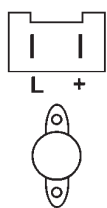
**110970** Alternator 14 V, 65 Amp  
 Manufacturer: Prestolite  
 Replacing: 9AR2549F, 9AR2549, 9AR2548K, 9AR2548, 9AR2547F, 9AR2547, 510-56, 510-39, 510-38  
 Servicing: Massey Ferguson  
 Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 58.00 B: 27.10 mm



**110975** Alternator 14 V, 65 Amp  
 Manufacturer: Prestolite  
 Replacing: 9AR2529F, 9AR2529, 510-146, 510-123, 2541263  
 Servicing: Audi, Various Agriculture Vehicles, VW  
 Terminal W, Grooves 1,  
 Total length 167.00, Pulley P, Fan EF  
 A: 82.85 B: 56.25 mm



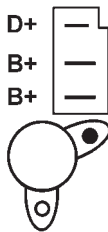
**111071** Alternator 14 V, 75 Amp  
 Manufacturer: Valeo  
 Replacing: 9AR2874R, 9AR2872P, 9AR2731R, 9AR2730P, 2940275  
 Servicing: Citroen, Peugeot  
 Grooves 1, Total length 172.00, Pulley P, Fan EF  
 A: 61.85 B: 35.90 C: 53.00 mm



**111072** Alternator 14 V, 50 Amp  
 Replacing: 9AR2948K, 9AR2752P, 9AR2676K, 9AR2676  
 Servicing: Renault, VW  
 Grooves 1, Total length 164.00, Pulley P, Fan IF  
 A: 49.40 B: 27.00 C: 66.00 mm



**111075** Alternator 14 V, 55 Amp  
 Replacing: 9AR5062K, 2940356  
 Servicing: Citroen, Peugeot, Talbot, Vauxhall  
 Grooves 1, Total length 161.50, Pulley P, Fan EF  
 A: 59.50 B: 40.00 mm



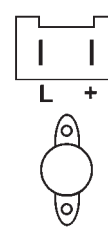
**111086** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 9AR5021G, 9AR2917G, 9AR2917, 2518071  
 Servicing: Austin, Ford, Mercury, MG, Rover  
 Grooves 1, Total length 170.00, Pulley P, Fan IF  
 A: 34.60 B: 10.80 C: 81.00 mm



**111094** Alternator 14 V, 65 Amp  
 Replacing: 2940311A, 2940311  
 Servicing: Audi, VW  
 Terminal W, Grooves 1,  
 Total length 187.25, Pulley P, Fan EF  
 A: 109.00 B: 56.00 mm



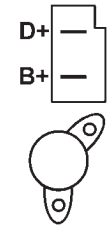
**111141** Alternator 14 V, 55 Amp  
 Replacing: 2940793  
 Servicing: MAN, Mercedes-Benz  
 Terminal W, Total length 167.70,  
 Pulley w/o, Fan w/o  
 B: 80.00 mm



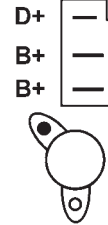
**111171** Alternator 14 V, 70 Amp  
 Replacing: 9AR2933P  
 Servicing: Renault  
 Terminal W, Grooves 1,  
 Total length 157.50, Pulley P, Fan EF  
 A: 49.65 B: 27.00 C: 66.50 mm



**111176** Alternator 14 V, 75 Amp  
 Replacing: 9AR2512P, 9AR2512  
 Servicing: Ford, Land Rover, LDV, Rover  
 Terminal W, Total length 166.50,  
 Pulley w/o, Fan w/o  
 As HC-CARGO 114795, but w/o pulley.  
 B: 11.25 C: 81.65 mm



**111180** Alternator 14 V, 33 Amp  
 Replacing: 9AR5006G  
 Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava  
 Grooves 1, Pulley P, Fan EF  
 A: 49.00 B: 25.00 C: 74.00 mm

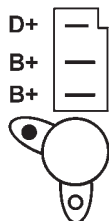


**111185** Alternator 14 V, 43 Amp  
 Manufacturer: Lucas  
 Replacing: 9AR2918G, 9AR2918  
 Servicing: Austin, Case, Ford, Land Rover, LDV, Lotus, Massey Ferguson, MG, Morris, Rover, Triumph, Vauxhall  
 Total length 169.50, Pulley w/o, Fan IF  
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.  
 B: 9.80 C: 81.00 mm

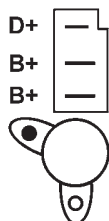
## ALTERNATORS



**111288** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 2940303  
 Servicing: Seat, VW  
 Terminal W, Grooves 1,  
 Total length 168.00, Pulley P, Fan EF  
 A: 75.00 B: 56.00 mm



**111289** Alternator 14 V, 70 Amp  
 Replacing: 9AR5092K, 9AR5022G, 9AR5022,  
 9AR2978, 9AR2843G, 9AR2707G, 9AR2703,  
 9AR2701, 9AR2700G, 9AR2700  
 Servicing: Austin, Case, Dronningborg, Ford,  
 Land Rover, Massey Ferguson, MG, Morris, Rover  
 Terminal W, Grooves 1,  
 Total length 175.00, Pulley P, Fan EF  
 A: 35.00 B: 12.50 C: 80.00 mm



**111362** Alternator 14 V, 55 Amp  
 Replacing: 9AR2630K, 2940080  
 Servicing: Austin, Ford, Land Rover, MG,  
 Rover, Valtra  
 Terminal W, Grooves 1,  
 Total length 165.50, Pulley P, Fan EF  
 A: 34.50 B: 11.00 C: 81.00 mm



**111419** Alternator 28 V, 55 Amp  
 Replacing: 2541423  
 Servicing: Allis Chalmers, BENFRA, Fiat-Allis,  
 Iveco, Laverda  
 Terminal W, Grooves 2,  
 Total length 188.00, Pulley DP, Fan EF  
 A: 50.00 B: 17.45 C: 63.00 mm



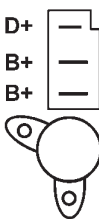
**111510** Alternator 28 V, 55 Amp  
 Replacing: 9AR6000G, 9AR6000, 9AR3959G,  
 9AR3855G, 510-864, 510-860, 510-845  
 Servicing: Ford, Perkins  
 Terminal W, Pulley w/o, Fan EF,  
 Insulated return  
 B: 10.00 C: 82.00 mm



**111575** Alternator 14 V, 90 Amp  
 Replacing: 8MR2069TA  
 Servicing: John Deere, Various Industrial  
 applications  
 Terminal W, Total length 183.50,  
 Pulley w/o, Fan EF, Insulated return  
 w/ adjustable voltage regulator.  
 B: 51.00 mm



**111576** Alternator 14 V, 90 Amp  
 Manufacturer: Prestolite  
 Replacing: 8MR2070TA  
 Servicing: Mercury  
 Terminal W, Total length 180.00,  
 Pulley w/o, Fan EF, Insulated return  
 w/ adjustable regulator. Rotor shaft 5/8".  
 B: 27.20 mm



**111653** Alternator 14 V, 45 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 9AR2839G, 9AR2792G, 9AR2792,  
 9AR2727G, 9AR2727, 9AR2708G, 9AL2708G,  
 9AL2615  
 Servicing: Audi, VW  
 Grooves 1, Total length 188.00, Pulley P,  
 Fan EF  
 A: 109.50 B: 56.00 mm



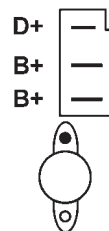
**111656** Alternator 14 V, 45 Amp  
 Replacing: 2940353  
 Servicing: Bedford, Opel, Vauxhall  
 Grooves 1, Total length 165.50, Pulley P,  
 Fan EF  
 A: 77.00 B: 56.00 mm



**111686** Alternator 14 V, 65 Amp  
 Replacing: 9AR2951L, 9AR2951  
 Servicing: Alfa Romeo, Fiat, Iveco,  
 Lamborghini, Lancia, Laverda  
 Grooves 1, Total length 166.50, Pulley P,  
 Fan EF  
 A: 49.50 B: 17.00 C: 64.50 mm



**111800** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 2940349, 2940347  
 Terminal W, Grooves 1,  
 Total length 171.00, Pulley P, Fan EF  
 A: 85.00 B: 56.00 mm

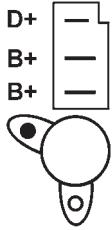


**111948** Alternator 14 V, 70 Amp  
 Replacing: 9AR5070K, 9AR5040K, 9AR2944K,  
 9AR2862K, 9AR2862, 9AR2861K, 9AR2856K,  
 9AR2856, 9AR2853K, 9AR2853  
 Servicing: Massey Ferguson  
 Terminal W, Total length 159.00,  
 Pulley w/o, Fan EF  
 B: 29.00 mm





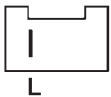
**112097** Alternator 28 V, 30 Amp  
 Replacing: 9AR3952G, 9AR3952, 9AL3955G  
 Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda  
 Grooves 1, Total length 174.00, Pulley P, Fan w/o  
 A: 45.00 B: 17.00 C: 63.00 mm



**112112** Alternator 14 V, 70 Amp  
 Replacing: 9AR2999P, 9AR2958P, 9AR2958, 9AR2854P, 9AR2831P, 9AR2747P, 9AR2746P, 9AR2745P, 9AR2744P, 9AR2735P  
 Servicing: Perkins, Sabre, Yanmar  
 Terminal W, Grooves 1, Total length 170.50, Pulley P, Fan EF, Insulated return  
 A: 45.00 B: 11.50 C: 82.50 mm



**112149** Alternator 14 V, 65 Amp  
 Manufacturer: Bosch  
 Replacing: 2940305A, 2940305, 2940304A, 2940304  
 Servicing: Audi, Seat, VW  
 Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 109.80 B: 56.00 mm



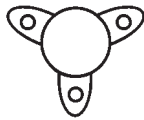
**112162** Alternator 14 V, 70 Amp  
 Replacing: 9AR5055P, 9AR5055  
 Servicing: Citroen, Peugeot  
 Grooves 4, Total length 158.00, Pulley SP, Fan EF  
 A: 45.50 B: 27.00 C: 66.00 mm



**112298** Alternator 14 V, 80 Amp  
 Replacing: 2541950B  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 179.00, Pulley SP, Fan IF  
 A: 42.00 B: 26.10 C: 66.70 mm



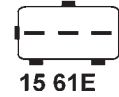
**112299** Alternator 14 V, 95 Amp  
 Replacing: 2541951  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 182.00, Pulley SP, Fan IF  
 A: 43.00 B: 27.30 C: 67.70 mm



**112310** Alternator 14 V, 55 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 9AR2715F  
 Servicing: BMW, Volvo BM  
 Grooves 1, Total length 168.00, Pulley P, Fan EF  
 A: 74.00 B: 50.70 mm



**112469** Alternator 14 V, 90 Amp  
 Replacing: 2542397, 2542297  
 Servicing: Citroen, Fiat, Peugeot, Toyota  
 Grooves 6, Total length 180.00, Pulley SP, Fan IF  
 A: 42.50 B: 22.20 C: 45.60 mm



**112472** Alternator 14 V, 100 Amp  
 Replacing: 2542265  
 Servicing: BMW, Land Rover, MG, Rover  
 Grooves 5, Total length 185.00, Pulley SP, Fan IF  
 A: 61.00 B: 28.00 C: 75.40 mm



**112480** Alternator 14 V, 90 Amp  
 Replacing: 2541971B  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 Grooves 6, Total length 174.00, Pulley SP, Fan IF  
 A: 44.00 B: 22.00 C: 46.00 mm



**112679** Alternator 14 V, 110 Amp  
 Replacing: 2541982A  
 Servicing: Renault, Volvo  
 Terminal W, Grooves 6, Total length 190.00, Pulley SP, Fan IF  
 A: 46.50 B: 27.70 C: 66.30 mm



**113376** Alternator 14 V, 55 Amp  
 Replacing: 9AR2904L, 9AR2904K, 9AR2904  
 Servicing: Bedford, Opel, Vauxhall  
 Terminal W, Grooves 1, Total length 167.50, Pulley P, Fan EF  
 A: 76.60 B: 56.20 mm





**113477** Alternator 28 V, 55 Amp  
 Replacing: 2940060  
 Servicing: DAF, Volvo, Volvo BM, Volvo Penta  
 Terminal W, Total length 184.00,  
 Pulley w/o, Fan EF, Insulated return  
 B: 50.80 mm



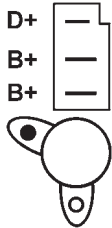
**113739** Alternator 14 V, 130 Amp  
 Replacing: 110-800  
 Servicing: Caterpillar, Ford, International,  
 Various, Volvo  
 Total length 244.00, Pulley w/o, Fan EF  
 Rotor shaft 7/8" (22.23 mm).  
 B: 13.00 C: 102.00 mm



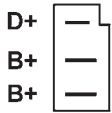
**113549** Alternator 28 V, 35 Amp  
 Replacing: 110-313  
 Servicing: Caterpillar  
 Total length 186.00, Pulley w/o, Fan EF  
 D+ = 3/16 W.  
 B: 27.20 mm



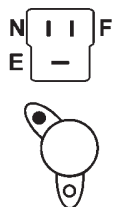
**113898** Alternator 14 V, 185 Amp  
 Replacing: 8SC2023Z  
 Servicing: New Holland  
 Terminal W, Total length 263.00,  
 Pulley w/o, Fan EF, Insulated return  
 B: 14.00 C: 103.00 mm



**113574** Alternator 14 V, 65 Amp  
 Replacing: 9AR2963L, 9AR2963, 9AR2919P,  
 9AR2919  
 Servicing: Case, New Holland, Valtra  
 Terminal W, Grooves 1,  
 Total length 177.50, Pulley P, Fan EF  
 A: 36.85 B: 10.40 C: 83.00 mm



**113713** Alternator 14 V, 80 Amp  
 Replacing: 510-823  
 Servicing: Lister  
 Terminal W, Grooves 1,  
 Total length 169.10, Pulley P, Fan EF  
 A: 45.50 B: 11.20 C: 83.00 mm



**110138** Alternator 14 V, 40 Amp  
 Replacing: 8AL2065K, 110-750  
 Servicing: Daihatsu, Honda, Mitsubishi, Toyota  
 Grooves 1, Total length 162.00, Pulley P, Fan EF  
 A: 42.50 B: 11.00 C: 75.75 mm



**110170** Alternator 14 V, 72 Amp  
 Replacing: 8MA2014PA, 8MA2014P, 8MA2010PA, 8MA2010P  
 Servicing: Ford  
 Grooves 1, Total length 206.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 131175.  
 A: 74.75 B: 51.25 mm



**110173** Alternator 28 V, 75 Amp  
 Replacing: 8SA3065P, 8SA3006P, 8SA3005P, 8LHA3073PS, 8LHA3071P, 8LHA3025R, 8LHA3025PA, 8LHA3025P, 8LHA2095R  
 Servicing: Clark, DAF  
 Total length 246.00, Pulley w/o, Fan EF, Insulated return  
 B: 14.50 C: 101.50 mm



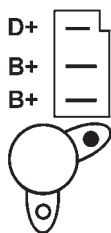
**110175** Alternator 28 V, 100 Amp  
 Replacing: 8SC3019U, 8SC3015U, 8SC3014, 8SC3011U, 8SC3003U, 8SC3002U, 110-316, 110-302, 110-298, 110-183  
 Servicing: Volvo Penta  
 Total length 249.00, Pulley w/o, Fan EF, Insulated return  
 Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.  
 B: 14.75 C: 103.00 mm



**110176** Alternator 28 V, 175 Amp  
 Replacing: 8SC3157V, 8SC3029Z, 8SC3014U, 8SC3009ZA, 8SC3009Z, 8SC3005V, 110-569, 110-258A, 110-258, 110-184  
 Servicing: Volvo Penta  
 Terminal W, Total length 278.00, Pulley w/o, Fan EF, Insulated return  
 B: 14.75 C: 101.50 mm



**110177** Alternator 14 V, 51 Amp  
 Manufacturer: Prestolite  
 Replacing: 8HA2009K, 8HA2008FA, 8HA2008F, 110-543, 110-542, 110-304, 110-303  
 Servicing: Thermo King  
 Total length 154.00, Pulley w/o, Fan EF  
 Regulator: HC-CARGO 130679.  
 B: 27.25 mm



**110179** Alternator 14 V, 36 Amp  
 Manufacturer: Lucas  
 Replacing: 8HA2009KA  
 Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall  
 Total length 162.00, Pulley w/o, Fan EF  
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.  
 B: 9.75 C: 88.00 mm



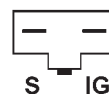
**110371** Alternator 14 V, 50 Amp  
 Replacing: 9AL2024L, 8MR2198LS, 8MR2129L, 8EM2013NA, 8EM2013N, 8EM2012NB, 8EM2012NAS, 8EM2012NA, 8EM2012N  
 Servicing: Carrier Transicold, Kubota  
 Terminal W, Grooves 1, Total length 188.00, Pulley P, Fan EF  
 B: 27.00 mm



**110408** Alternator 14 V, 35 Amp  
 Manufacturer: Prestolite  
 Replacing: RA12N453, RA12N451, A12NTK452, A12NTK451, A12N451, 8SC4006U, 8MR2051FAS, 8MR2051FA, 8MR2051F  
 Servicing: American Motors, Jeep  
 Terminal W, Total length 145.00, Pulley w/o, Fan EF  
 B: 27.00 mm



**110422** Alternator 14 V, 30 Amp  
 Replacing: TA12NJD400, TA12NJD325, TA12N400, TA12N327, TA12N325, 8TA2021E, 8TA2011, 8TA2010ES, 8TA2010E  
 Servicing: Thermo King  
 Total length 160.00, Pulley w/o, Fan EF  
 Regulator: HC-CARGO 132713.  
 B: 51.00 mm



**110445** Alternator 14 V, 90 Amp  
 Replacing: 8MR2035T, 110-244, 110-238  
 Servicing: John Deere  
 Total length 167.00, Pulley w/o, Fan EF  
 B: 51.00 mm



**110487** Alternator 14 V, 37 Amp  
 Replacing: 8MR2175F, 8EK2009FC, 8EK2009FB, 8EK2009FA, 8EK2008FB, 8EK2008FA, 8EK2006FB, 8EK2006FA, 8EK2004DC  
 Servicing: Thermo King  
 Total length 180.00, Pulley w/o, Fan EF  
 B: 27.00 mm



**110937** Alternator 14 V, 200 Amp  
 Replacing: 8SC2010Z, 8SC2007ZR, 8SC2004Z, 8SA2022R, 8SA2017R, 8LHC2010Z, 8LHC2004Z, 110-268, 110-255, 110-254  
 Servicing: Cadillac, Caterpillar, International  
 Terminal W, Total length 230.00,  
 Pulley w/o, Fan EF, Insulated return  
 B: 15.00 C: 102.00 mm



**111575** Alternator 14 V, 90 Amp  
 Replacing: 8MR2069T, 110-602, 110-402  
 Servicing: John Deere, Various Industrial applications  
 Terminal W, Total length 183.50,  
 Pulley w/o, Fan EF, Insulated return  
 w/ adjustable voltage regulator.  
 B: 51.00 mm



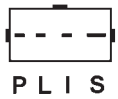
**110488** Alternator 14 V, 65 Amp  
 Replacing: 8MR2185L, 8EK2010NC, 8EK2010NB, 8EK2010NA, 8EK2007ND, 8EK2007NB, 8EK2007NA, 8EK2005NB, 8EK2005NA  
 Servicing: Thermo King  
 Total length 178.00, Pulley w/o, Fan EF  
 B: 27.00 mm



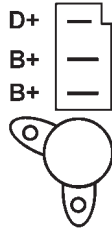
**110959** Alternator 14 V, 55 Amp  
 Replacing: 8MR2091KSS, 8MR2049KA, 8MR2049K, 8MR2044K, 8MR2039K, 8MR2036K, 8MR2024F, 8MR2023F, 8EM2017K  
 Servicing: Mercruiser, Mercury, OMC  
 Terminal W, Grooves 1,  
 Total length 162.00, Pulley P, Fan EF  
 Purple wire = +15. Red wire = S (+).  
 A: 76.35 B: 50.70 mm



**111576** Alternator 14 V, 90 Amp  
 Manufacturer: Prestolite  
 Replacing: 8MR2070T, 110-603, 110-403  
 Servicing: Mercury  
 Terminal W, Total length 180.00,  
 Pulley w/o, Fan EF, Insulated return  
 w/ adjustable regulator. Rotor shaft 5/8".  
 B: 27.20 mm



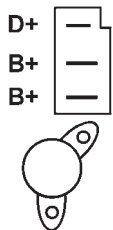
**110498** Alternator 14 V, 100/105 Amp  
 Replacing: 8AR2068F, 8AR2066FA  
 Servicing: Chevrolet, Pontiac  
 Grooves 5, Total length 170.00,  
 Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 74.00 B: 51.00 mm



**110975** Alternator 14 V, 65 Amp  
 Manufacturer: Prestolite  
 Replacing: 9FB2LD2A05  
 Servicing: Audi, Various Agriculture Vehicles, VW  
 Terminal W, Grooves 1,  
 Total length 167.00, Pulley P, Fan EF  
 A: 82.85 B: 56.25 mm



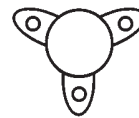
**111761** Alternator 14 V, 105 Amp  
 Replacing: 8MR2401UA, 8MR2401U, 110-567, 110-534  
 Servicing: Various  
 Terminal W, Total length 180.00,  
 Pulley w/o, Fan EF, Insulated return  
 Enheder skal være selvopstartende. Er med 2 W terminaler. w/ adjustable regulator.  
 B: 27.20 mm



**110913** Alternator 14 V, 70 Amp  
 Replacing: 9BE2KA2A21  
 Servicing: Audi, VW  
 Terminal W, Pulley w/o, Fan w/o  
 B: 56.00 mm



**111096** Alternator 14 V, 51 Amp  
 Replacing: 8AL2034K  
 Servicing: VW  
 Total length 261.00, Pulley w/o, Fan w/o



**112159** Alternator 28 V, 80 Amp  
 Replacing: MDA3920  
 Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.  
 Terminal W, Total length 186.00,  
 Pulley w/o, Fan EF  
 B: 80.40 mm





**112294** Alternator 28 V, 110 Amp  
 Replacing: 8LHA3096UC, 8LHA3096U, 110-459  
 Servicing: Caterpillar  
 Terminal W, Total length 243.00,  
 Pulley w/o, Fan EF, Insulated return  
 B: 14.50 C: 101.50 mm



**113549** Alternator 28 V, 35 Amp  
 Replacing: 8HC3025F, 8HC3022FS, 8HC3022F, 110-285  
 Servicing: Caterpillar  
 Total length 186.00, Pulley w/o, Fan EF  
*D+ = 3/16 W.*  
 B: 27.20 mm



**113739** Alternator 14 V, 130 Amp  
 Replacing: 8LHA2070VB, 8LHA2070VA, 8LHA2070V, 110-555  
 Servicing: Caterpillar, Ford, International, Various, Volvo  
 Total length 244.00, Pulley w/o, Fan EF  
*Rotor shaft 7/8" (22.23 mm).*  
 B: 13.00 C: 102.00 mm



**113898** Alternator 14 V, 185 Amp  
 Replacing: 8SC2282VG, 110-565  
 Servicing: New Holland  
 Terminal W, Total length 263.00,  
 Pulley w/o, Fan EF, Insulated return  
 B: 14.00 C: 103.00 mm



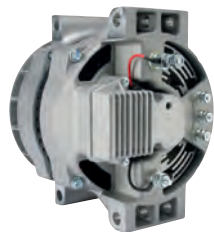
**114347** Alternator 28 V, 150 Amp  
 Replacing: 8SC3068VC, 8SC3068V, 110-431  
 Servicing: Caterpillar, Cummins  
 Total length 249.00, Pulley w/o, Fan EF  
 B: 14.50 C: 102.00 mm



**114348** Alternator 28 V, 150 Amp  
 Replacing: 8SC3150VC, 8SC3110VC, 8SC3110V, 110-568  
 Servicing: Thermo King  
 Total length 266.40, Pulley w/o  
*For battery less system.*  
 B: 13.00 C: 102.20 mm



**114349** Alternator 28 V, 150 Amp  
 Replacing: 8SC3238VC  
 Servicing: Cummins, Xichai-Fawd  
 Total length 267.90, Pulley w/o  
 B: 14.00 C: 101.00 mm



**114430** Alternator 14 V, 175 Amp  
 Replacing: 8LHP2276V, 110-775P  
 Servicing: Freightliner  
 Total length 223.00, Pulley w/o, Fan EF,  
 Insulated return  
 B: 80.00 mm



**110562** Alternator 28 V, 25 Amp  
 Replacing: 0-33000-6511, 0-33000-5870,  
 0-33000-5860, 0-33000-5280, 0-33000-3070,  
 0-33000-2860  
 Servicing: Komatsu  
 Grooves 1, Total length 210.00, Pulley P,  
 Fan EF  
 A: 62.55 B: 12.05 C: 73.50 mm



**113212** Alternator 28 V, 20 Amp  
 Replacing: 0-33000-6250, 0-33000-5700,  
 0-33000-5670, 0-33000-5510  
 Servicing: Mitsubishi  
 Grooves 1, Total length 168.00, Pulley P,  
 Fan EF  
 A: 44.50 B: 13.50 C: 81.50 mm

**115994\*** Alternator 28 V, 40 Amp  
 Replacing: 0-35000-3013, 0-35000-3012,  
 0-35000-3011, 0-35000-3010  
 Servicing: Isuzu  
 Grooves 2, Pulley DP, Fan EF



**110657** Alternator 28 V, 40 Amp  
 Replacing: 0-33000-6580, 0-33000-6510,  
 0-33000-5880, 0-33000-5850, 0-33000-5840  
 Servicing: Komatsu  
 Grooves 2, Total length 221.00,  
 Pulley DP, Fan EF  
 A: 62.75 B: 12.25 C: 68.80 mm



**115445** Alternator 28 V, 60 Amp  
 Replacing: 0-35000-4500, 0-35000-4220,  
 0-35000-4190  
 Servicing: Daewoo, Komatsu  
 Grooves 8, Total length 223.00,  
 Pulley SP, Fan EF  
 A: 46.00 B: 15.50 C: 101.00 mm



**111051** Alternator 28 V, 25 Amp  
 Replacing: 0-33000-6000, 0-33000-3760,  
 0-33000-3700  
 Servicing: Isuzu, Komatsu  
 Grooves 2, Total length 205.50,  
 Pulley DP, Fan EF  
 A: 60.00 B: 16.15 C: 70.35 mm



**115534** Alternator 28 V, 90 Amp  
 Replacing: 0-35000-8390, 0-35000-8380  
 Servicing: Komatsu  
 Terminal W, Total length 222.00,  
 Pulley w/o, Fan EF  
 B: 14.50 C: 101.80 mm



**112160** Alternator 28 V, 75 Amp  
 Replacing: 0-35000-0480, 0-35000-0471,  
 0-35000-0461, 0-35000-0460, 0-35000-0392,  
 0-35000-0391, 0-35000-0390  
 Servicing: Cummins, International Harv., John  
 Deere, Komatsu, New Holland, Timberjack  
 Total length 215.50, Pulley w/o, Fan EF  
 Replacing: 21SI. One wire system.  
 B: 14.25 C: 101.50 mm



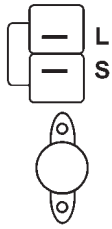
**115780** Alternator 28 V, 40 Amp  
 Replacing: 0-35000-3370  
 Servicing: JCB, John Deere, Various  
 Industrial applications  
 Terminal W, Grooves 2,  
 Total length 208.00, Pulley DP, Fan EF  
 A: 59.50 B: 15.65 C: 69.40 mm



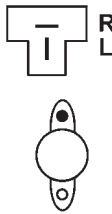
**115792** Alternator 14 V, 130 Amp  
Replacing: D276001013  
Servicing: Kenworth  
Pulley w/o, Fan EF  
B: 80.00 C: 108.00 mm

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**112334** Alternator 14 V, 75 Amp  
 Replacing: 02131-9040  
 Servicing: Kia  
 Grooves 5, Total length 234.50,  
 Pulley SP, Fan IF  
 A: 46.00 B: 13.00 C: 80.00 mm



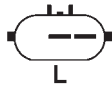
**112506** Alternator 14 V, 60 Amp  
 Replacing: 02121-8073, 02121-8072, 02121-8071, 02121-8070, 02121-8027, 02121-8026, 02121-8025  
 Servicing: Kia  
 Grooves 1, Total length 228.00, Pulley P, Fan EF  
 A: 51.00 B: 13.00 C: 80.20 mm



**113328** Alternator 14 V, 120 Amp  
 Replacing: 02131-9311, 02131-9310, 02131-9113, 02131-9112, 02131-9111, 02131-9110  
 Servicing: Hyundai, Kia  
 Grooves 6, Total length 267.00,  
 Pulley SP/FW, Fan IF  
 A: 102.50 B: 63.70 mm



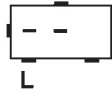
**113903** Alternator 14 V, 60 Amp  
 Replacing: 37300-2W001, 37300-2W000, 02121-8074  
 Servicing: Kia  
 Grooves 2, Total length 226.00,  
 Pulley DP, Fan EF  
 A: 46.50 B: 13.00 C: 80.60 mm



**114287** Alternator 14 V, 110 Amp  
 Manufacturer: Denso  
 Replacing: 02131-9212  
 Servicing: Kia  
 Grooves 7, Total length 195.00,  
 Pulley SP/FW, Fan IF  
 A: 43.00 B: 28.00 C: 54.30 mm



**114414** Alternator 28 V, 55 Amp  
 Replacing: 02142-5070  
 Servicing: Hino, Nissan  
 Grooves 2, Total length 198.00,  
 Pulley DP  
 A: 49.90 B: 14.20 C: 89.90 mm



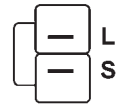
**114662** Alternator 14 V, 120 Amp  
 Replacing: 02131-9221  
 Servicing: Kia  
 Grooves 5, Pulley SP/FW, Fan IF  
 A: 46.50 B: 22.00 C: 53.00 mm



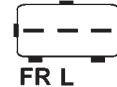
**114766** Alternator 14 V, 60 Amp  
 Replacing: 02121-9022, 02121-9021, 02121-9020  
 Servicing: Kia  
 Grooves 1, Pulley SP, Fan EF  
 A: 47.00 C: 80.00 mm



**114827** Alternator 14 V, 120 Amp  
 Replacing: 02131-9131, 02131-9130  
 Servicing: Hyundai, Kia  
 Grooves 6, Total length 193.00,  
 Pulley SP/FW, Fan IF  
 A: 43.00 B: 20.00 C: 55.50 mm



**115409** Alternator 14 V, 120 Amp  
 Replacing: 02131-9262, 02131-9261  
 Servicing: Hyundai, Kia  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 103.00 B: 63.00 mm



**115737** Alternator 14 V, 130 Amp  
 Replacing: 02131-9153  
 Servicing: Hyundai, Kia  
 Grooves 6, Total length 188.00,  
 Pulley SP, Fan IF  
 A: 42.50 B: 20.00 C: 43.00 mm



**110173** Alternator 28 V, 75 Amp  
 Replacing: 860053  
 Servicing: Clark, DAF  
 Total length 246.00, Pulley w/o, Fan EF, Insulated return  
 B: 14.50 C: 101.50 mm



**110175** Alternator 28 V, 100 Amp  
 Replacing: 8SC3133U  
 Servicing: Volvo Penta  
 Total length 249.00, Pulley w/o, Fan EF, Insulated return  
 Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.  
 B: 14.75 C: 103.00 mm



**110408** Alternator 14 V, 35 Amp  
 Manufacturer: Prestolite  
 Replacing: 8AL2026F, 8AL2025F, 8AL2014F  
 Servicing: American Motors, Jeep  
 Terminal W, Total length 145.00, Pulley w/o, Fan EF  
 B: 27.00 mm



**110427** Alternator 28 V, 22 Amp  
 Replacing: ANB7004, ANB7003, ANB7002, ANB7001, ANB6004, ANB6002, ANB6001, 51-212, 51-178  
 Servicing: Case, Caterpillar  
 Grooves 2, Total length 267.00, Pulley DP, Fan w/o  
 A: 83.30 B: 15.50 C: 102.19 mm



**110895** Alternator 28 V, 55 Amp  
 Replacing: AELB697, 859232  
 Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong  
 Terminal W, Total length 196.50, Pulley w/o, Fan EF  
 B: 80.00 mm



**111295** Alternator 28 V, 55 Amp  
 Manufacturer: Prestolite  
 Replacing: 859327  
 Servicing: Cummins, Perkins  
 Terminal W, Total length 188.60, Pulley w/o, Fan EF, Insulated return  
 Shaft dia. 19.00 mm.  
 B: 76.25 mm



**111746** Alternator 28 V, 80 Amp  
 Replacing: 860551  
 Servicing: Volvo  
 Terminal W, Total length 196.00, Pulley w/o, Fan EF  
 B: 14.50 C: 112.40 mm



**111886** Alternator 28 V, 65 Amp  
 Replacing: 860557  
 Servicing: Scania  
 Terminal W, Total length 190.00, Pulley w/o, Fan w/o  
 B: 23.25 C: 68.70 mm



**112097** Alternator 28 V, 30 Amp  
 Replacing: 860141  
 Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda  
 Grooves 1, Total length 174.00, Pulley P, Fan w/o  
 A: 45.00 B: 17.00 C: 63.00 mm



**112159** Alternator 28 V, 80 Amp  
 Replacing: 110-872  
 Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.  
 Terminal W, Total length 186.00, Pulley w/o, Fan EF  
 B: 80.40 mm



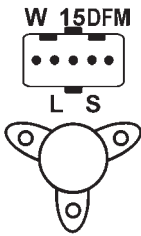
**112189** Alternator 28 V, 80 Amp  
 Replacing: 860561  
 Servicing: Renault V.I.  
 Terminal W, Total length 185.50, Pulley w/o, Fan EF, Insulated return  
 B: 27.00 C: 71.25 mm



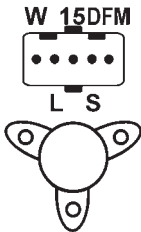
**112343** Alternator 28 V, 140 Amp  
 Replacing: 1277700  
 Servicing: Renault V.I., Scania, Volvo  
 Terminal W, Total length 304.50, Pulley w/o, Fan EF  
 B- M8. Shaft 30 mm.  
 B: 15.30 C: 182.00 mm



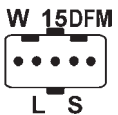
**112345** Alternator 28 V, 55 Amp  
 Replacing: 858884  
 Servicing: Volvo  
 Terminal W, Total length 179.50,  
 Pulley w/o, Fan w/o  
 B: 51.50 mm



**113351** Alternator 28 V, 100 Amp  
 Replacing: 860807  
 Servicing: Mercedes-Benz  
 Terminal W, Total length 196.00,  
 Pulley w/o, Fan IF  
 Alternative no.: 115557   
 B: 80.00 mm



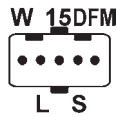
**113998** Alternator 28 V, 110 Amp  
 Replacing: 860808  
 Servicing: MAN  
 Terminal W, Total length 198.00,  
 Pulley w/o, Fan IF  
 Alternative no.: 115492   
 B: 79.50 mm



**114212** Alternator 28 V, 110 Amp  
 Replacing: 860804  
 Servicing: Renault V.I., Volvo  
 Total length 201.80, Pulley w/o, Fan IF  
 Alternative no.: 115488   
 B: 13.50 C: 106.00 mm



**114374** Alternator 28 V, 110 Amp  
 Replacing: JFZ2110A2  
 Servicing: Cummins  
 Grooves 2, Total length 219.00,  
 Pulley DP  
 A: 50.00 B: 16.20 C: 101.20 mm



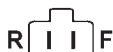
**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115618** Alternator 28 V, 100 Amp  
 Replacing: 860809  
 Servicing: Bova, DAF, Solaris  
 Total length 193.00, Pulley w/o, Fan IF  
 Alternative no.: 115617   
 B: 80.10 mm

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**116079\*** Alternator 14 V, 90 Amp  
 Replacing: 8MR2349  
 Servicing: Thermo King  
 Pulley w/o, Fan EF





**110075** Alternator 14 V, 60 Amp

Replacing: 1102945, 1102944, 1102370, 1100951, 1100944, 1100943, 1100939, 1100933, 1100932, 1100931, 1100921

Servicing: American Motors, Buick, Cadillac, Chevrolet, Fiat-Allis, GMC, International, Jeep, Oldsmobile, Pontiac

Grooves 1, Total length 176.00, Pulley P, Fan EF

As HC-CARGO 110215 (90 A). Regulator: HC-CARGO 130505.

A: 75.00 B: 51.00 mm



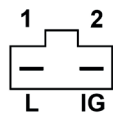
**110112** Alternator 28 V, 40 Amp

Replacing: 19025074

Servicing: Volvo, Volvo Penta

Terminal W, Total length 175.50, Pulley w/o, Fan w/o

B: 51.00 mm



**110233** Alternator 14 V, 63 Amp

Replacing: 1979867, 1979866, 1979865, 1979863, 1979862, 1979861, 1979860, 19020501, 1105649, 1105632, 1105365

Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, International, Jeep, Oldsmobile, Pontiac

Grooves 1, Total length 170.00, Pulley P, Fan EF

Replacing: 10SI.

A: 75.00 B: 51.00 mm



**110235** Alternator 14 V, 80 Amp

Replacing: 1105552, 1105512, 1105433, 1105415, 1105347, 1105346, 1105343, 1105342, 1105339, 1105335, 1105333

Servicing: American Motors, Buick, Cadillac, Chevrolet, Fiat, GMC, Jeep, Oldsmobile, Pontiac

Total length 179.00, Pulley w/o, Fan w/o

Replacing: 15SI.

B: 50.70 mm



**110300** Alternator 28 V, 65 Amp

Replacing: 321-654, 1105476, 1105475, 1105474, 1100274, 1100211, 1100093, 1100077, 10463160

Servicing: Case, International

Terminal W, Total length 226.50, Pulley w/o, Fan EF

Replacing: 27SI. Shaft dia. 22.00 mm. Fan: HC-CARGO 131854.

B: 11.90 C: 103.00 mm



**110350** Alternator 14 V, 44 Amp

Replacing: 19025772

Servicing: Fiat, Lada

Grooves 1, Total length 182.00, Pulley P, Fan EF

A: 46.50 B: 19.50 C: 60.50 mm



**110471** Alternator 14 V, 94 Amp

Replacing: 1105654, 1105651, 1105630, 1105629, 1105604, 1105602, 1105592, 1105582, 1105581, 1105572, 1105569

Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

Grooves 1, Total length 170.00, Pulley P, Fan EF

Replacing: 12SI.

B: 51.00 mm



**110492** Alternator 14 V, 108 Amp

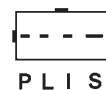
Replacing: 1105681, 1105639, 1105587, 1105571, 1105570, 1105553, 1105549, 1105515, 1105513, 1105509, 1105497

Servicing: Buick, Chevrolet, GMC, Oldsmobile, Pontiac

Grooves 1, Total length 178.00, Pulley P, Fan EF

Replacing: 17SI.

A: 74.50 B: 50.50 mm



**110498** Alternator 14 V, 100/105 Amp

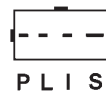
Replacing: 1101141, 1101138, 1101137, 10480085, 10463015, 10463012, 10463011

Servicing: Chevrolet, Pontiac

Grooves 5, Total length 170.00, Pulley SP, Fan EF

Replacing: CS130.

A: 74.00 B: 51.00 mm



**110499** Alternator 14 V, 100/105 Amp

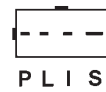
Replacing: 1102601, 1102600, 1101822, 1101810, 1101596, 1101595, 1101593, 1101583, 1101278, 1101277, 1101231

Servicing: Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac

Total length 172.00, Pulley w/o, Fan EF

Replacing: CS130.

B: 51.00 mm



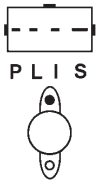
**110500** Alternator 14 V, 100/105 Amp

Replacing: 10480104, 10480097, 10480028

Servicing: AM General, Buick, Chevrolet, GMC, Oldsmobile

Total length 168.50, Pulley w/o, Fan EF

B: 51.00 mm



**110502** Alternator 14 V, 100/105 Amp

Replacing: 1105678, 1105677, 1101806, 10497145, 10497122, 10480088, 10463419

Servicing: Buick, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

Grooves 6, Total length 170.00,

Pulley SP, Fan EF

Replacing: CS130.

A: 73.00 B: 50.50 mm



**110503** Alternator 14 V, 100/105 Amp

Replacing: 1105701, 1105697, 1102614, 1101605, 1101461, 10479963, 10479815, 10463264, 10463175, 10463114

Servicing: Buick, Chevrolet, Pontiac

Grooves 5, Total length 167.00,

Pulley SP, Fan EF

Replacing: CS130.

A: 72.50 B: 51.00 mm



**110504** Alternator 14 V, 90 Amp

Replacing: 1105073, 1102875, 1100589

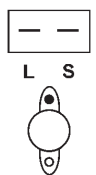
Servicing: Buick, Case, Chevrolet, Fiat-Allis, International, Jeep

Terminal W, Total length 168.00,

Pulley w/o, Fan EF

Same as HC-CARGO 110505 (75 A).

B: 51.00 mm



**110505** Alternator 14 V, 75 Amp

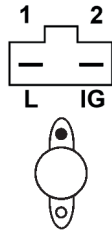
Replacing: 1105686, 1105645, 1105619, 1105584, 1105574, 1105573, 1105559, 1105558, 1105556, 1105522, 1105520

Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, International, Jeep, Oldsmobile, Pontiac

Total length 168.00, Pulley w/o, Fan w/o

Replacing: CS130. As HC-CARGO 110504 (90 A).

B: 50.50 mm



**110508** Alternator 14 V, 78 Amp

Replacing: 321-1015, 1979859, 1979858, 1979857, 1105708, 1105707, 1105706, 1105705, 1105704, 1105703, 1105692

Servicing: American Motors, Buick, Cadillac, Case, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

Grooves 1, Total length 171.00, Pulley P, Fan EF

Replacing: 12SI.

A: 77.00 B: 50.50 mm



**110544** Alternator 28 V, 125 Amp

Manufacturer: Remy

Replacing: 19025347, 19025304

Servicing: Ikarus

Terminal W, Grooves 2,

Total length 335.50, Pulley DP, Fan EF

Saddle mounting.

mm



**110591** Alternator 28 V, 75 Amp

Replacing: 321-697, 321-655, 19010024, 19010008, 19010002, 19010000, 1117648, 1117256, 1117249, 1117238

Servicing: Caterpillar, Various Agriculture Vehicles

Total length 306.00, Pulley w/o, Fan EF

Replacing: 25SI. One wire system. B+ 7/16".

B: 14.10 C: 101.50 mm



**110611** Alternator 14 V, 55 Amp

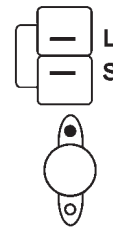
Replacing: 19025037

Servicing: Allis Chalmers, Fiat, Seat

Grooves 1, Total length 175.00, Pulley P, Fan EF

Regulator: HC-CARGO 130613.

A: 48.00 B: 17.00 C: 65.00 mm



**110659** Alternator 14 V, 75 Amp

Replacing: 10463728

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth

Grooves 4, Total length 156.30,

Pulley SP, Fan IF

A: 38.15 B: 13.00 C: 55.00 mm



**110682** Alternator 14 V, 70 Amp

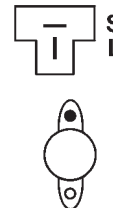
Replacing: 321-523, 10479805, 10463267

Servicing: GEO, Toyota

Grooves 5, Total length 160.00,

Pulley SP, Fan IF

A: 87.50 B: 58.00 mm



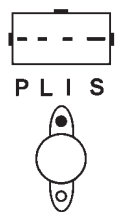
**110703** Alternator 14 V, 55 Amp

Replacing: 10463734

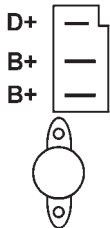
Servicing: Nissan, Subaru

Grooves 1, Total length 172.00, Pulley P, Fan EF

A: 42.66 B: 13.00 C: 80.25 mm



**110724** Alternator 14 V, 60 Amp  
 Replacing: 321-409, 1102615, 1101483, 1101291, 1101176, 10479916, 10465016, 10463118  
 Servicing: Buick, Jeep  
 Total length 169.00, Pulley w/o, Fan EF  
 Replacing: CS121.  
 B: 51.00 mm



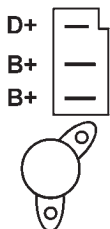
**110912** Alternator 14 V, 55 Amp  
 Replacing: 19025067, 19025056, 19025049  
 Servicing: Abarth, Alfa Romeo, Ferrari, Fiat, Fiat-Allis, Lancia, Pininfarina, Seat  
 Grooves 1, Total length 162.50, Pulley P, Fan EF  
 A: 44.50 B: 16.40 C: 66.00 mm



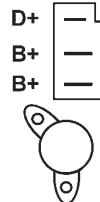
**110952** Alternator 28 V, 40 Amp  
 Replacing: 1105537, 1105510, 1103123, 1103031, 1102919, 1102918, 1101204  
 Servicing: Case, Fiat-Allis  
 Terminal W, Grooves 1, Total length 166.50, Pulley P, Fan EF  
 Replacing: 10SI.  
 A: 75.55 B: 50.70 mm



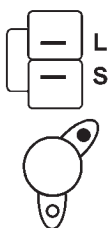
**110801** Alternator 28 V, 45 Amp  
 Replacing: 321-665, 321-660, 1117655, 1117650, 1117647, 1117645, 1117644, 1117643, 1117642, 1117640, 1117623  
 Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International  
 Terminal W, Total length 270.00, Pulley w/o, Fan EF  
 B: 14.80 C: 100.00 mm



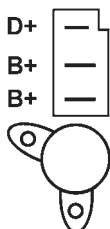
**110913** Alternator 14 V, 70 Amp  
 Replacing: 19025071  
 Servicing: Audi, VW  
 Terminal W, Pulley w/o, Fan w/o  
 B: 56.00 mm



**110972** Alternator 14 V, 65 Amp  
 Manufacturer: Prestolite  
 Replacing: 3472068, 3472067, 3472052, 3472050, 3471214, 068, 067, 052, 050  
 Servicing: Opel, Various Agriculture Vehicles, Vauxhall  
 Grooves 1, Total length 167.50, Pulley P, Fan EF  
 A: 87.90 B: 56.00 mm



**110802** Alternator 14 V, 75 Amp  
 Replacing: 10463807  
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth  
 Grooves 4, Total length 159.50, Pulley SP, Fan IF  
 A: 35.00 B: 13.25 C: 77.60 mm



**110923** Alternator 14 V, 55 Amp  
 Replacing: 19025069  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 176.00, Pulley SP, Fan EF  
 A: 92.00 B: 56.00 mm



**110984** Alternator 14 V, 100/105 Amp  
 Replacing: 321-431, 1105689, 1105661, 1102631, 1102630, 1102629, 1101814, 1101636, 1101635, 1101634, 1101571  
 Servicing: Buick, Chevrolet, GMC  
 Grooves 6, Total length 170.00, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.00 B: 50.75 mm



**110890** Alternator 14 V, 55 Amp  
 Replacing: 19025046  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same  
 Grooves 1, Total length 169.00, Pulley P, Fan w/o  
 A: 49.00 B: 17.00 C: 63.00 mm



**110937** Alternator 14 V, 200 Amp  
 Replacing: 1117743, 1117735, 1117164, 1117160, 1117148, 1117147, 10459016  
 Servicing: Cadillac, Caterpillar, International  
 Terminal W, Total length 230.00, Pulley w/o, Fan EF, Insulated return  
 B: 15.00 C: 102.00 mm



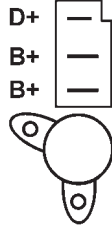
**110985** Alternator 14 V, 100/105 Amp  
 Replacing: 1101255, 1101254, 1101253, 10463099  
 Servicing: Chevrolet, GMC, Pontiac  
 Grooves 6, Total length 171.00, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.00 B: 50.85 mm

## ALTERNATORS





**110986** Alternator 14 V, 100/105 Amp  
 Replacing: 1101170, 1101167, 10463041, 10463037, 10463036, 10463035  
 Servicing: Jeep  
 Grooves 6, Total length 174.00, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.00 B: 50.80 mm



**111093** Alternator 14 V, 70 Amp  
 Replacing: 19025070  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 183.50, Pulley SP, Fan EF  
 A: 92.00 B: 56.00 mm



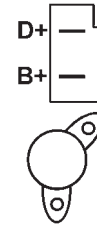
**111169** Alternator 14 V, 70 Amp  
 Replacing: 621, 3493721, 3493621, 3493220, 3472121, 3472120, 220, 121, 120, 1101551  
 Servicing: Opel, Vauxhall  
 Grooves 1, Total length 169.50, Pulley P, Fan EF  
 A: 85.00 B: 56.00 mm



**111035** Alternator 14 V, 65 Amp  
 Replacing: 19025789, 19025787, 19025051  
 Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava  
 Terminal W, Grooves 1, Total length 164.50, Pulley P, Fan EF  
 A: 52.00 B: 23.00 C: 74.00 mm



**111138** Alternator 14 V, 45 Amp  
 Replacing: 19025045  
 Servicing: Fiat, Lancia, Seat  
 Grooves 1, Total length 167.00, Pulley P, Fan EF  
 A: 46.35 B: 17.00 C: 63.00 mm



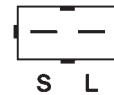
**111180** Alternator 14 V, 33 Amp  
 Replacing: 19025063, 19025042  
 Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava  
 Grooves 1, Pulley P, Fan EF  
 A: 49.00 B: 25.00 C: 74.00 mm



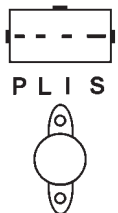
**111036** Alternator 14 V, 45 Amp  
 Replacing: 19025791  
 Servicing: Autobianchi, Fiat, Lancia  
 Grooves 1, Pulley P, Fan EF  
 A: 56.80 B: 32.25 mm



**111166** Alternator 14 V, 70 Amp  
 Replacing: 739, 716, 714, 706, 639, 606, 604, 3493739, 3493716, 3493714, 3493639, 3493606, 3493604, 3493239  
 Servicing: Albin, Bedford, Lancia, Opel, Vauxhall  
 Grooves 1, Total length 168.75, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm



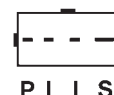
**111216** Alternator 14 V, 37 Amp  
 Replacing: 19020507  
 Servicing: Thermo King  
 Terminal W, Total length 176.00, Pulley w/o, Fan EF  
 B: 51.00 mm



**111090** Alternator 14 V, 105 Amp  
 Replacing: 1101843, 1101601, 1101264, 1101127, 10463007  
 Servicing: Chevrolet, GMC, Oldsmobile  
 Total length 170.30, Pulley w/o, Fan EF  
 Replacing: CS130.  
 B: 51.00 mm



**111168** Alternator 14 V, 55 Amp  
 Replacing: 719, 619, 3493719, 3493619, 3472208, 3472066, 3472051, 208, 066, 051  
 Servicing: Ferrari, Opel, Vauxhall  
 Terminal W, Grooves 1, Total length 169.00, Pulley P, Fan EF  
 A: 84.00 B: 56.00 mm



**111220** Alternator 14 V, 105 Amp  
 Replacing: 1102607, 10479962, 10463214  
 Servicing: Buick, Chevrolet, Ford, Oldsmobile, Pontiac  
 Grooves 6, Total length 170.25, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 72.62 B: 51.00 mm



**111223** Alternator 14 V, 105 Amp  
 Replacing: 10480252, 10480190, 10480189, 10480072, 10480017, 10479991, 10463443, 10463408  
 Servicing: Chevrolet, GMC  
 Grooves 6, Total length 175.00,  
 Pulley SP, Fan IF  
 Replacing: CS130D.  
 A: 73.00 B: 51.00 mm



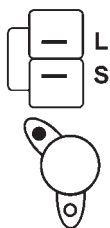
**111232** Alternator 14 V, 115 Amp  
 Replacing: 19010212, 19010192, 19010189, 19010179, 19010176, 19010175, 19010174, 19010173, 19010172, 19010171  
 Servicing: International, Volvo  
 Terminal W, Total length 215.00,  
 Pulley w/o, Fan EF  
 Replacing: 21SI. One wire system. B+ 1/4".  
 B: 14.30 C: 101.80 mm



**111250** Alternator 14 V, 42 Amp  
 Replacing: 1105478, 1102496, 1102393, 1100915, 1100914, 1100912, 1100894, 1100577, 1100576  
 Servicing: Crusader, Mercruiser, OMC  
 Grooves 1, Total length 172.00, Pulley P, Fan EF  
 Replacing: 10SI. One wire system.  
 A: 74.95 B: 50.45 mm



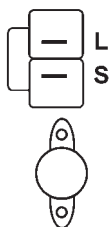
**111261** Alternator 28 V, 50 Amp  
 Replacing: 321-698, 321-602, 19010020, 19010006, 19010001, 1117258, 1117253, 1117250, 1117248, 1117243  
 Servicing: Caterpillar  
 Total length 306.00, Pulley w/o, Fan EF  
 B: 14.10 C: 102.00 mm



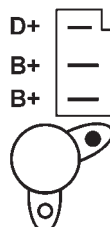
**111264** Alternator 14 V, 80 Amp  
 Replacing: 10464158  
 Servicing: Infiniti, Nissan  
 Grooves 6, Total length 159.00,  
 Pulley SP, Fan IF  
 A: 37.85 B: 25.45 C: 81.15 mm



**111285** Alternator 14 V, 70 Amp  
 Replacing: 10464174  
 Servicing: Honda  
 Grooves 4, Total length 150.00,  
 Pulley SP, Fan IF  
 A: 90.00 B: 57.80 mm



**111315** Alternator 14 V, 90 Amp  
 Replacing: 10464165  
 Servicing: Ford, Mazda  
 Grooves 5, Total length 155.50,  
 Pulley SP, Fan IF  
 A: 37.65 B: 13.20 C: 66.45 mm



**111364** Alternator 14 V, 55 Amp  
 Replacing: 3472021  
 Servicing: Ford, Rover  
 Terminal W, Grooves 1,  
 Total length 166.00, Pulley P, Fan EF  
 A: 35.50 B: 12.50 C: 81.00 mm



**111388** Alternator 14 V, 100/105 Amp  
 Replacing: 1105698, 1105694, 1101987, 1101846, 1101832, 1101697, 1101696, 1101694, 1101612, 10480137, 10480136  
 Servicing: Buick, Chevrolet, Oldsmobile, Pontiac  
 Grooves 6, Total length 169.50,  
 Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.00 B: 51.00 mm



**111406** Alternator 14 V, 110 Amp  
 Replacing: 10463820  
 Servicing: Dodge, Hyundai, Mitsubishi  
 Grooves 6, Total length 170.00,  
 Pulley SP, Fan IF  
 A: 23.50 B: 17.25 C: 55.40 mm



**111418** Alternator 14 V, 60 Amp  
 Replacing: 19025068  
 Servicing: Alfa Romeo, Fiat, Iveco  
 Grooves 1, Total length 165.50, Pulley P, Fan EF  
 Alternative no.: 115873   
 A: 49.00 B: 17.00 C: 66.00 mm



**111426** Alternator 14 V, 100 Amp  
 Replacing: 923, 824, 823, 409, 384, 3493927, 3493923, 3493824, 3493823, 3493409, 10480384, 10480222, 10479923  
 Servicing: Isuzu, Opel, Vauxhall  
 Grooves 6, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 51.00 B: 33.75 C: 56.00 mm





**111514** Alternator 14 V, 100 Amp  
 Replacing: 955, 914, 855, 814, 455, 454, 3493955, 3493914, 3493855, 3493815, 3493814, 3493455, 3493454  
 Servicing: Opel, Saab, Vauxhall  
 Grooves 6, Total length 183.00, Pulley SP, Fan IF  
 A: 52.00 B: 34.00 C: 56.00 mm



**111621** Alternator 14 V, 55 Amp  
 Replacing: 19025076  
 Servicing: Autobianchi, Fiat, Lancia  
 Grooves 1, Total length 162.00, Pulley P, Fan EF  
 A: 57.50 B: 32.30 mm



**111647#** Alternator 28 V, 60 Amp  
 Replacing: 390087, 2191166  
 Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack  
 Total length 218.00, Pulley w/o, Fan EF  
 B: 15.00 C: 102.00 mm



**111654** Alternator 14 V, 65 Amp  
 Replacing: 19025062, 19025059  
 Servicing: Fiat, Lancia  
 Total length 158.00, Pulley w/o, Fan EF  
 B: 16.00 C: 64.00 mm



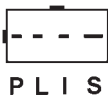
**111656** Alternator 14 V, 45 Amp  
 Replacing: 3472059, 3472048, 3472037, 3472026, 3472023, 059, 048, 037, 026, 023  
 Servicing: Bedford, Opel, Vauxhall  
 Grooves 1, Total length 165.50, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm



**111686** Alternator 14 V, 65 Amp  
 Replacing: 19025060  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda  
 Grooves 1, Total length 166.50, Pulley P, Fan EF  
 A: 49.50 B: 17.00 C: 64.50 mm



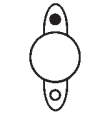
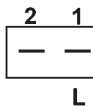
**111708** Alternator 14 V, 85 Amp  
 Replacing: 96252548, 96224432, 29219091, 219298, 219091, 10479999, 10479990  
 Servicing: Daewoo  
 Grooves 5, Total length 181.00, Pulley SP, Fan IF  
 A: 86.50 B: 50.50 mm



**111711** Alternator 14 V, 105 Amp  
 Replacing: 10480087, 10480082, 10480069, 10463418, 10463413, 10463389  
 Servicing: Chevrolet, GMC  
 Grooves 6, Total length 171.00, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.00 B: 51.00 mm



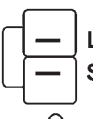
**111712** Alternator 14 V, 105 Amp  
 Replacing: 10480198, 10480168, 10480167, 10463940, 10463690, 10463652, 10463651  
 Servicing: Chevrolet, GMC  
 Grooves 6, Total length 175.00, Pulley SP, Fan IF  
 Replacing: CS130D.  
 A: 72.00 B: 50.80 mm



**111713** Alternator 14 V, 105 Amp  
 Replacing: 321-667, 1105609, 1105579, 1105560, 1105540, 1105539, 1105538, 1105536, 1105535, 1105418, 1102551  
 Servicing: Allis Chalmers, Case, Ford, John Deere, New Holland  
 Terminal W, Grooves 1, Total length 183.00, Pulley P, Fan EF  
 Replacing: 15SI.  
 A: 77.00 B: 50.70 mm



**111800** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 620, 3493620, 3472188, 3472070, 188, 1101199, 070  
 Terminal W, Grooves 1, Total length 171.00, Pulley P, Fan EF  
 A: 85.00 B: 56.00 mm



**111807** Alternator 14 V, 70 Amp  
 Replacing: 10464388, 10464206  
 Servicing: Kia, Mazda  
 Grooves 4, Total length 158.00, Pulley SP, Fan IF  
 A: 38.00 B: 13.50 C: 66.50 mm





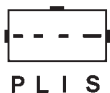
**111833** Alternator 28 V, 140 Amp  
 Replacing: 19025330  
 Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles  
 Terminal W, Total length 302.00, Pulley w/o, Fan EF  
 w/ bushing in rear brackethole. B- M8. Shaft 30 mm. Heavy duty type: HC-CARGO 113589. 180 A.  
 Alternative no.: 116063  
 B: 15.70 C: 182.00 mm



**111834** Alternator 28 V, 55 Amp  
 Replacing: 1117252  
 Servicing: Scania  
 Terminal W, Total length 180.00, Pulley w/o, Fan EF  
 Heavy duty type: HC-CARGO 112182 (80 A).  
 B: 80.00 mm



**111842** Alternator 28 V, 140 Amp  
 Replacing: 19025333  
 Servicing: Ikarus, MAN, Mercedes-Benz, Neoplan  
 Terminal W, Total length 313.00, Pulley w/o, Fan EF  
 B- M8. Shaft 30 mm.  
 B: 15.00 C: 180.00 mm



**111846** Alternator 14 V, 80 Amp  
 Replacing: 96252551, 96252547, 96224431, 219187, 10490073, 10490000, 10480073, 10480000  
 Servicing: Daewoo  
 Grooves 5, Total length 190.00, Pulley SP, Fan EF  
 A: 46,50 B: 13.00 C: 80.50 mm



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**111847** Alternator 14 V, 65 Amp  
 Replacing: 96566262  
 Servicing: Chevrolet, SGMW  
 Grooves 1, Total length 161.00, Pulley P, Fan IF  
 A: 42.00 B: 15.10 C: 65.30 mm



PLFS



**111854** Alternator 14 V, 105 Amp  
 Replacing: 1101644, 10480157, 10463624, 10463375  
 Servicing: Chevrolet, Pontiac  
 Grooves 6, Total length 171.00, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 33.50 B: 11.70 C: 78.80 mm



**111886** Alternator 28 V, 65 Amp  
 Replacing: 19025114  
 Servicing: Scania  
 Terminal W, Total length 190.00, Pulley w/o, Fan w/o  
 B: 23.25 C: 68.70 mm



**112056** Alternator 14 V, 70 Amp  
 Replacing: 791, 741, 641, 3493791, 3493741, 3493641, 3493244, 3493230, 3472641, 3472152, 3472144, 3472130  
 Servicing: Opel, Vauxhall  
 Terminal W, Grooves 1, Total length 165.00, Pulley P, Fan EF  
 A: 87.00 B: 56.00 mm



**112076** Alternator 28 V, 80 Amp  
 Replacing: 19025101  
 Servicing: Iveco, Renault V.I., Scania  
 Terminal W, Total length 183.00, Pulley w/o, Fan EF  
 B: 27.00 C: 72.10 mm



**112097** Alternator 28 V, 30 Amp  
 Replacing: 19025057, 19025044  
 Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda  
 Grooves 1, Total length 174.00, Pulley P, Fan w/o  
 A: 45.00 B: 17.00 C: 63.00 mm



**112159** Alternator 28 V, 80 Amp  
 Replacing: 19025107, 19025100  
 Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.  
 Terminal W, Total length 186.00, Pulley w/o, Fan EF  
 B: 80.40 mm



**112160** Alternator 28 V, 75 Amp  
 Replacing: 19020391, 19020383, 19020382, 19020376, 19020346, 19020307, 19011192, 19010200, 19010199, 19010195  
 Servicing: Cummins, International Harv., John Deere, Komatsu  
 Total length 215.50, Pulley w/o, Fan EF  
 Replacing: 21SI. One wire system.  
 B: 14.25 C: 101.50 mm



**112165** Alternator 14 V, 75 Amp  
 Replacing: DRX08378, 3493214, 215, 214, 10480215, 10480214  
 Servicing: Renault  
 Grooves 4, Total length 179.00,  
 Pulley SP, Fan IF  
 A: 46.70 B: 27.00 C: 66.50 mm



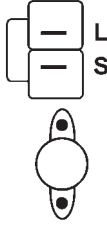
**112229** Alternator 14 V, 70 Amp  
 Replacing: 947, 848, 847, 456, 3493848, 3493847, 10479947  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 183.00,  
 Pulley SP, Fan IF  
 A: 51.00 B: 33.50 C: 57.50 mm



**112261** Alternator 28 V, 60 Amp  
 Replacing: 1117846, 1117838, 1117834, 1117831, 1117826, 1117805, 1117746, 1117734, 10461238, 10459057  
 Servicing: Caterpillar  
 Total length 268.00, Pulley w/o, Fan EF, Insulated return  
 Replacing: 30SI.  
 B: 14.00 C: 101.00 mm



**112265** Alternator 28 V, 100 Amp  
 Replacing: 1117836, 1117828, 1117817  
 Servicing: Caterpillar, Cummins  
 Total length 268.00, Pulley w/o, Fan EF  
 Replacing: 30SI. Negative grounding.  
 B: 13.80 C: 101.10 mm



**112297** Alternator 14 V, 60 Amp  
 Replacing: 219053  
 Servicing: Kia, Mazda, Mercury  
 Terminal W, Grooves 1,  
 Total length 157.00, Pulley P, Fan IF  
 A: 42.50 B: 13.10 C: 67.00 mm



**112337** Alternator 14 V, 105 Amp  
 Replacing: 1105710, 1101582, 10479993  
 Servicing: Chevrolet, GMC  
 Grooves 4, Total length 166.00,  
 Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.80 B: 50.70 mm



**112338** Alternator 14 V, 105 Amp  
 Replacing: 1101629, 1101628, 1101620, 1101318, 1101317, 1101293, 10479922, 10479921, 10479808, 10479807  
 Servicing: Chevrolet, GMC  
 Grooves 6, Total length 171.00,  
 Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 72.00 B: 50.70 mm



**112416** Alternator 14 V, 100 Amp  
 Replacing: 3493459, 3493225, 225, 10480225  
 Servicing: Holden, Opel, Vauxhall  
 Grooves 5, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 53.50 B: 33.50 C: 58.30 mm



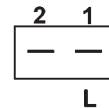
**112424** Alternator 28 V, 140 Amp  
 Replacing: 19025339  
 Servicing: Scania  
 Total length 285.00, Pulley w/o, Fan EF  
 B- MB. Shaft 30 mm.  
 B: 15.50 C: 182.00 mm



**112427** Alternator 28 V, 90 Amp  
 Replacing: 8600498  
 Servicing: Iveco  
 Grooves 12, Total length 198.00,  
 Pulley SP, Fan IF  
 Alternative no.: 115871 ★  
 A: 90.00 B: 57.60 mm



**112447** Alternator 14 V, 105 Amp  
 Replacing: 1102644, 1101267, 1101266  
 Servicing: Dodge, Eagle  
 Grooves 6, Total length 172.00,  
 Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 33.00 B: 12.90 C: 81.80 mm

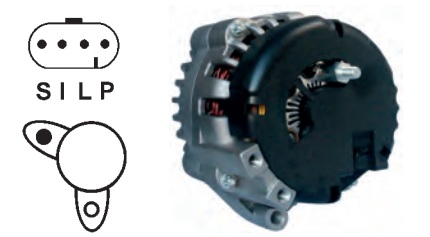


**112448** Alternator 14 V, 100 Amp  
 Replacing: 334-2145, 321-136, 1972724, 1105637, 1105577, 1105345, 1101435, 1101178, 1101109, 1101091, 1101059  
 Servicing: Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac  
 Total length 164.50, Pulley w/o, Fan w/o  
 Replacing: 27SI. Negative grounding.  
 B: 20.45 C: 69.80 mm

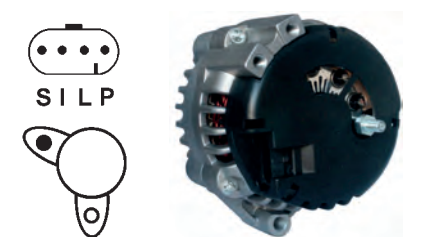




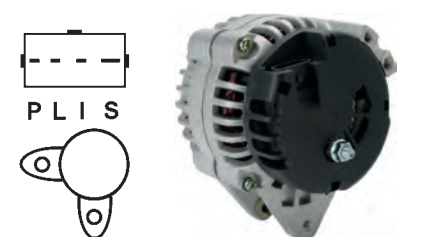
**112561** Alternator 28 V, 80 Amp  
 Replacing: 19070058, 19070006, 19025113  
 Servicing: Mercedes-Benz  
 Terminal W, Total length 188.00,  
 Pulley w/o, Fan EF  
 B: 80.00 mm



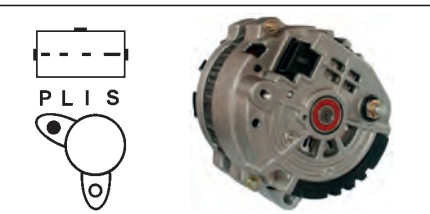
**112613** Alternator 14 V, 105 Amp  
 Replacing: 10480188, 10479981, 10463632,  
 10463406  
 Servicing: Chevrolet, GMC, Oldsmobile  
 Grooves 6, Total length 176.00,  
 Pulley SP, Fan IF  
 Replacing: CS130D.  
 A: 73.00 B: 51.00 mm



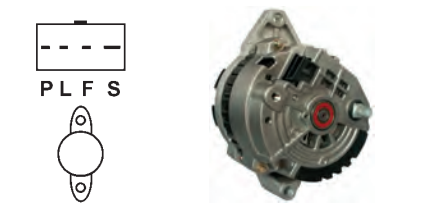
**112614** Alternator 14 V, 105 Amp  
 Replacing: 10480187, 10479984, 10463407  
 Servicing: Chevrolet, GMC, Isuzu  
 Grooves 6, Total length 175.00,  
 Pulley SP, Fan IF  
 Replacing: CS130D.  
 A: 73.00 B: 51.00 mm



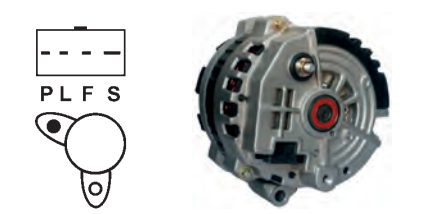
**112615** Alternator 14 V, 105 Amp  
 Replacing: 321-1797, 321-1753, 10480378,  
 10480307, 10480264, 10480262, 10480240,  
 10480182, 10464409, 10464075  
 Servicing: Buick, Chevrolet, Pontiac  
 Grooves 6, Total length 176.50,  
 Pulley SP, Fan IF  
 Replacing: CS130D.  
 A: 44.00 B: 15.35 C: 39.00 mm



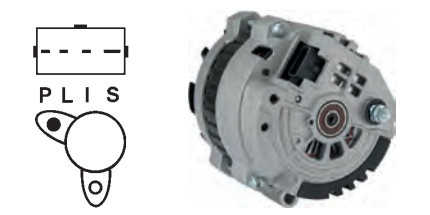
**112629** Alternator 14 V, 100/105 Amp  
 Replacing: 321-503, 321-479, 321-452, 321-  
 439, 321-339, 321-1016, 1105715, 1105711,  
 1101647, 1101646, 1101645  
 Servicing: Buick, Cadillac, Chevrolet, GMC,  
 Oldsmobile, Pontiac  
 Grooves 6, Total length 172.00,  
 Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.50 B: 50.90 mm



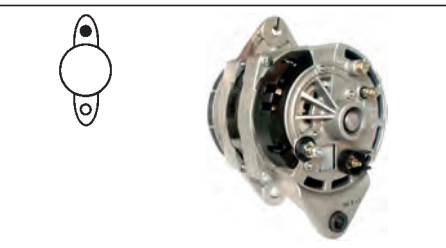
**112636** Alternator 14 V, 100/105 Amp  
 Replacing: 1101310, 10463094  
 Servicing: Buick, Chevrolet, Oldsmobile, Pontiac  
 Grooves 6, Total length 172.00,  
 Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.00 B: 50.70 mm



**112639** Alternator 14 V, 100/105 Amp  
 Replacing: 10480094, 10480084, 10463424,  
 10463415  
 Servicing: Chevrolet, GMC, Pontiac  
 Grooves 6, Total length 172.00,  
 Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 74.00 B: 50.90 mm



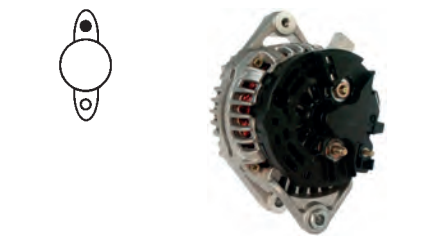
**112640** Alternator 14 V, 100/105 Amp  
 Replacing: 1101633, 1101632, 1101111,  
 1101110, 10480099, 10480086, 10479997,  
 10479994, 10463425, 10463417  
 Servicing: Buick, Cadillac, Chevrolet, GMC,  
 Oldsmobile, Pontiac  
 Grooves 6, Pulley SP, Fan EF  
 Replacing: CS130.  
 A: 73.50 B: 51.00 mm



**112657** Alternator 28 V, 60 Amp  
 Replacing: 219072  
 Servicing: Various Industrial applications  
 Grooves 8, Total length 206.00,  
 Pulley SP, Fan EF  
 One wire hookup(self-exciting) type.  
 A: 42.75 B: 14.85 C: 101.00 mm



**112665** Alternator 14 V, 100 Amp  
 Replacing: 10480254, 10480251, 10464084  
 Servicing: Chevrolet, GMC, Isuzu, Oldsmobile  
 Grooves 6, Total length 176.00, Fan IF  
 Replacing: CS130.  
 A: 72.00 B: 50.80 mm



**112720** Alternator 14 V, 100 Amp  
 Replacing: 922, 3493273, 273, 10480273  
 Servicing: Opel, Vauxhall  
 Grooves 1, Total length 173.00, Pulley P,  
 Fan IF  
 A: 53.50 B: 33.40 C: 57.00 mm



**112775** Alternator 14 V, 70 Amp  
 Replacing: 717, 706, 3493717, 3493706  
 Servicing: Opel, Vauxhall  
 Grooves 1, Total length 182.00, Pulley P,  
 Fan EF  
 A: 90.00 B: 55.90 mm

# ALTERNATORS





**112824** Alternator 14 V, 145 Amp

Replacing: 321-739, 19020806, 19020801, 19020377, 19020365, 19020364, 19020359, 19020358, 19020323, 19020303

Servicing: Freightliner, International, Kenworth, Mack

Terminal W, Total length 217.00, Pulley w/o, Fan EF

Replacing: 22SI. Negative grounding. One wire system. R-Terminal universal. I-Terminal 10-24.

B: 14.10 C: 100.60 mm



**112834** Alternator 14 V, 145 Amp

Replacing: 19020381, 19020379, 19020312, 19020310, 19020308, 19020306, 19020305, 10459472, 10459254, 10459217

Servicing: Ford, International

Terminal R, Total length 221.00, Pulley w/o, Fan EF

Replacing: 22SI. One wire system. B+ 1/4"-UNC. I-Terminal universal. R-Terminal 10-24.

B: 13.20 C: 101.50 mm



**112850** Alternator 14 V, 105 Amp

Replacing: 321-1811, 321-1798, 321-1748, 10480388, 10480326, 10480229, 10464451, 10464438, 10464404

Servicing: Cadillac, Chevrolet, GMC

Grooves 6, Total length 176.00, Pulley SP, Fan IF

Replacing: AD230.

A: 72.50 B: 50.60 mm



**112853** Alternator 14 V, 130 Amp

Replacing: 321-1749, 15768830, 15750871, 10754097, 10480390, 10480234, 10464405

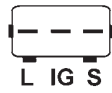
Servicing: Buick, Cadillac, Chevrolet, GMC, Isuzu

Grooves 6, Total length 180.00,

Pulley SP, Fan IF

Replacing: AD244.

A: 71.70 B: 51.00 mm



**112860**<sup>#</sup> Alternator 14 V, 80 Amp

Replacing: 321-1018, 10480096, 10480095, 10463398

Servicing: GEO, Toyota

Grooves 5, Total length 179.00,

Pulley SP, Fan EF

Replacing: CS121.

A: 52.00 B: 28.00 C: 42.00 mm



**112868** Alternator 14 V, 102 Amp

Replacing: 321-1139, 10480184, 10463839

Servicing: Chevrolet, Oldsmobile, Pontiac

Grooves 5, Total length 178.00,

Pulley SP, Fan IF

Replacing: CS130D.

A: 55.00 B: 74.00 C: 74.00 mm



**112880** Alternator 14 V, 120 Amp

Replacing: 321-367, 321-275, 1105657, 1101518, 1101329, 1101296, 1101239, 10497111, 10463069

Servicing: Cadillac

Grooves 6, Total length 186.00,

Pulley SP, Fan EF

Replacing: CS144.

A: 79.00 B: 51.00 mm



**112884** Alternator 14 V, 140 Amp

Replacing: 321-594, 10480201, 10479891, 10463678, 10463338

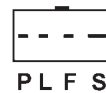
Servicing: Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac

Grooves 6, Total length 177.50,

Pulley SP, Fan EF

Replacing: CS144.

A: 73.00 B: 50.75 mm



**112886** Alternator 14 V, 140 Amp

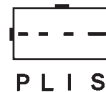
Replacing: 321-1006, 10479995, 10463377

Servicing: Cadillac

Grooves 6, Pulley SP, Fan EF

Replacing: CS144.

A: 73.00 B: 51.00 mm



**112888** Alternator 14 V, 140 Amp

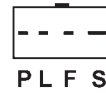
Replacing: 321-1056, 10480203, 10480111, 10463680, 10463523

Servicing: Pontiac

Grooves 6, Total length 179.50,

Pulley SP, Fan EF

A: 72.75 B: 51.00 mm



**112893** Alternator 14 V, 140 Amp

Replacing: 321-1429, 321-1134, 321-1095, 10480255, 10480206, 10480130, 10464081, 10463692, 10463636

Servicing: AM General, Cadillac, Chevrolet, GMC

Grooves 6, Total length 179.00,

Pulley SP, Fan EF

Replacing: CS144.

A: 73.50 B: 50.50 mm



**112989** Alternator 14 V, 60 Amp  
 Replacing: 321-666, 1117641, 1117628, 1117621, 1117620, 1117618, 1117613, 1117612, 1117611, 10459200, 10459020  
 Servicing: Caterpillar, Chevrolet, Cummins, International, Mack, Massey Ferguson  
 Terminal W, Total length 223.00, Pulley w/o, Fan IF  
 Replacing: 20SI. Negative grounding. One wire system. B+ 1/4".  
 B: 14.85 C: 101.65 mm



**112992** Alternator 28 V, 70 Amp  
 Replacing: 1117915  
 Servicing: Fiat-Allis  
 Total length 220.50, Pulley w/o, Fan EF  
 Replacing: 20SI. Negative grounding. One wire system. B+ 5/16".  
 B: 14.50 C: 101.55 mm



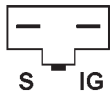
**112993** Alternator 14 V, 130 Amp  
 Replacing: 19010166, 19010163, 19010162, 19010161, 19010160, 19010159, 19010158, 19010157, 19010154, 19010137  
 Servicing: Cummins, Ford, International, Volvo  
 Terminal W, Total length 217.00, Pulley w/o, Fan EF  
 Shaft is 7/8 In = 22.255 mm. Replacing: 21SI. Negative grounding. One wire system. B+ 1/4".  
 B: 14.20 C: 101.50 mm



**112994** Alternator 14 V, 100 Amp  
 Replacing: 19010181, 19010105, 19010101, 1117905, 1117892, 1117890, 1117887, 1117886, 1117885, 10459301  
 Servicing: Cummins, Ford, International, Volvo  
 Total length 228.00, Pulley w/o, Fan EF  
 Replacing: 21SI. Negative grounding. One wire system. B+ 5/16".  
 B: 13.60 C: 100.80 mm



**112995** Alternator 14 V, 145 Amp  
 Replacing: 19010202, 19010168, 19010139, 19010128, 19010127, 19010126, 19010115, 1117964, 1117963, 1117934  
 Servicing: Kenworth, Mack  
 Terminal W, Total length 217.00, Pulley w/o, Fan EF  
 Replacing: 21SI. Negative grounding. One wire system. B+ 5/16".  
 B: 14.00 C: 101.00 mm



**112996** Alternator 14 V, 115 Amp  
 Replacing: 321-687, 19010207, 19010196, 19010191, 19010188, 19010187, 19010170, 19010150, 19010147, 19010145  
 Servicing: Caterpillar, Ford, Freightliner, John Deere, Kenworth, Mack, New Holland, Volvo  
 Total length 217.50, Pulley w/o, Fan EF  
 Replacing: 21SI. Negative grounding. B+ 1/4".  
 B: 14.55 C: 100.50 mm



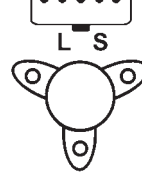
**113077** Alternator 14 V, 70 Amp  
 Replacing: 10463753  
 Servicing: Toyota, VW  
 Grooves 1, Total length 152.00, Pulley P, Fan IF  
 A: 92.60 B: 58.75 mm



**113349** Alternator 14 V, 85 Amp  
 Replacing: 96404010, 219202, 219138  
 Servicing: Daewoo  
 Grooves 6, Total length 183.50, Pulley SP, Fan IF  
 A: 36.00 B: 13.00 C: 81.50 mm



**113350** Alternator 14 V, 85 Amp  
 Replacing: 219139  
 Servicing: Chevrolet, Daewoo  
 Grooves 5, Total length 179.00, Pulley SP, Fan IF  
 A: 36.00 B: 13.20 C: 81.30 mm



**113351** Alternator 28 V, 100 Amp  
 Replacing: 19070016, 19070015, 19070014, 19070009, 19070008, 19070007  
 Servicing: Mercedes-Benz  
 Terminal W, Total length 196.00, Pulley w/o, Fan IF  
 Alternative no.: 115557   
 B: 80.00 mm



**113376** Alternator 14 V, 55 Amp  
 Replacing: 3493204, 3472204, 3472104, 3472061, 3472049, 3472039, 3472038, 3472024, 3472022  
 Servicing: Bedford, Opel, Vauxhall  
 Terminal W, Grooves 1,  
 Total length 167.50, Pulley P, Fan EF  
 A: 76.60 B: 56.20 mm



**113432** Alternator 14 V, 145 Amp  
 Replacing: 321-688, 19010156, 1117952, 1117948, 1117933, 1117924, 1117916, 10459051, 10459050  
 Servicing: International, Kenworth, Mack, Renault Agriculture, Volvo  
 Terminal W, Total length 223.00,  
 Pulley w/o, Fan EF  
 Replacing: 21SI. Negative grounding. One wire system. B+ 1/4".  
 B: 14.30 C: 101.20 mm



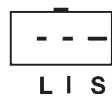
**113448** Alternator 28 V, 100 Amp  
 Replacing: 19025112, 19025111, 19025110, 19025109  
 Servicing: Mercedes-Benz  
 Terminal W, Total length 211.00,  
 Pulley w/o, Fan EF  
 B: 80.00 mm



**113457** Alternator 28 V, 60 Amp  
 Replacing: 390049, 219055  
 Servicing: Various Industrial applications  
 Terminal W, Grooves 2,  
 Total length 210.00, Pulley DP, Fan EF  
 A: 65.75 B: 14.00 C: 101.00 mm



**113458** Alternator 28 V, 60 Amp  
 Replacing: 390050, 219051  
 Servicing: Various Industrial applications  
 Terminal W, Grooves 2,  
 Total length 205.00, Pulley DP, Fan EF  
 A: 45.25 B: 15.00 C: 101.00 mm



**113498** Alternator 14 V, 80 Amp  
 Replacing: 96404011, 96341300, 96255115, 96252115, 96206871, 219199, 219137  
 Servicing: Chevrolet, Daewoo, Lancia  
 Grooves 6, Total length 166.00,  
 Pulley SP, Fan IF  
 A: 50.65 B: 33.65 C: 58.60 mm



**113579** Alternator 14 V, 145 Amp  
 Replacing: 19020889, 19020804, 19020803, 19020389, 19020388, 19020387, 10459321, 10459320, 10459318  
 Servicing: International, Kenworth, Mack, Volvo  
 Terminal W, Total length 217.50,  
 Pulley w/o, Fan EF  
 Replacing: 22SI.  
 B: 80.00 C: 108.00 mm



**113685** Alternator 14 V, 70 Amp  
 Replacing: 19020609, 19020601  
 Servicing: Mercury  
 Terminal W, Grooves 6,  
 Total length 180.00, Pulley SP, Fan IF  
 A: 41.00 B: 16.80 C: 65.20 mm



**113691** Alternator 14 V, 70 Amp  
 Manufacturer: Remy  
 Replacing: 19020616  
 Servicing: Crusader, Hyster  
 Terminal W, Grooves 2,  
 Total length 185.00, Pulley DP, Fan IF  
 A: 76.75 B: 50.75 mm



**113692** Alternator 14 V, 70 Amp  
 Manufacturer: Remy  
 Replacing: 19020608  
 Servicing: Crusader  
 Terminal W, Grooves 1,  
 Total length 176.00, Pulley P, Fan IF  
 A: 77.00 B: 50.80 mm



**113694** Alternator 14 V, 70 Amp  
 Manufacturer: Remy  
 Replacing: 19020615, 19020606  
 Servicing: Hyster  
 Terminal W, Grooves 6,  
 Total length 177.00, Pulley SP, Fan IF  
 A: 72.50 B: 50.80 mm



**113771** Alternator 14 V, 190 Amp  
 Replacing: 10480407  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 196.00,  
 Pulley SP/FW, Fan IF  
 Water cooled.  
 A: 30.50 B: 93.45 C: 56.75 mm





**113777** Alternator 14 V, 145 Amp  
 Replacing: 15754097M, 15754097, 15226003  
 Servicing: Hummer, Various Industrial applications  
 Grooves 6, Total length 178.50,  
 Pulley SP, Fan IF  
 A: 72.46 B: 50.91 mm



**114114** Alternator 14 V, 65 Amp  
 Replacing: 96567255, 96380673, 219292,  
 219251, 219235, 219170  
 Servicing: Chevrolet, Daewoo  
 Grooves 1, Total length 166.50, Pulley P,  
 Fan IF  
 A: 42.00 B: 14.35 C: 66.00 mm



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**114143\*** Alternator 14 V, 125 Amp  
 Replacing: 10344573  
 Grooves 6, Pulley SP, Fan IF



**114172** Alternator 14 V, 65 Amp  
 Replacing: 19020600  
 Servicing: Mercury  
 Grooves 1, Total length 144.50,  
 Pulley SP  
 A: 42.00 B: 15.00 C: 64.50 mm



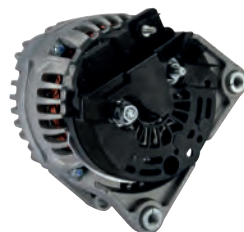
**114271** Alternator 28 V, 75 Amp  
 Replacing: 19011206, 19011205, 19011191,  
 10459599  
 Servicing: Caterpillar  
 Terminal W, Total length 270.00,  
 Pulley w/o, Fan EF  
 Replacing: 34SI.  
 B: 14.20 C: 100.00 mm



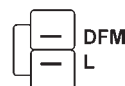
**114351** Alternator 14 V, 200 Amp  
 Replacing: 8600313  
 Servicing: Caterpillar, Cummins, International  
 Terminal W, Total length 234.80,  
 Pulley w/o, Fan IF  
 B: 14.00 C: 101.20 mm



**114359** Alternator 14 V, 170 Amp  
 Replacing: 8700047, 8700040, 8700039,  
 8600203, 8600178, 8600171, 8600127,  
 8600073, 8600060, 8600055, 8600015  
 Servicing: Sterling, Volvo  
 Total length 260.90, Pulley w/o, Fan EF  
 B: 80.00 C: 126.00 mm



**114431** Alternator 14 V, 120 Amp  
 Replacing: 8000004, 18000004  
 Servicing: Alfa Romeo, Fiat, Holden, Opel,  
 Vauxhall  
 Grooves 5, Total length 184.00,  
 Pulley SP, Fan IF  
 A: 64.70 B: 23.00 C: 57.20 mm



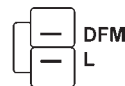
**114512** Alternator 14 V, 140 Amp  
 Replacing: 8400218, 8400158, 8400156  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 200.00,  
 Pulley SP/FW, Fan IF  
 A: 35.50 B: 13.00 C: 66.00 mm



**114534** Alternator 14 V, 160 Amp  
 Replacing: 8700013, 8700012, 8700008,  
 8600404, 8600403, 8600402, 8600168,  
 8600167, 8600143, 8600043, 19020902  
 Servicing: Various  
 Pulley w/o  
 B: 80.00 C: 107.80 mm



**114536** Alternator 14 V, 160 Amp  
 Replacing: 8700021, 8700011, 8700010,  
 8700009, 8600163, 8600151, 8600142,  
 8600068, 8600032, 8600009, 19020903  
 Servicing: Cummins  
 Total length 235.00, Fan IF  
 B: 14.00 C: 100.50 mm



**114665** Alternator 14 V, 100 Amp  
 Replacing: 8400219, 8400159, 8400157  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 198.00,  
 Pulley SP/FW, Fan IF  
 A: 35.60 B: 13.10 C: 67.40 mm



**114812** Alternator 14 V, 70 Amp

Replacing: 19020612, 19020611

Servicing: Mercruiser

Terminal W, Grooves 6, Pulley SP, Fan IF

A: 41.50 B: 17.00 C: 65.50 mm



**114864** Alternator 28 V, 100 Amp

Replacing: 8600479, 8600050, 19011195, 19011189, 10459353

Servicing: John Deere

Pulley w/o, Fan EF

B: 14.20 C: 102.00 mm



**115438** Alternator 14 V, 120 Amp

Replacing: 8400224

Servicing: Citroen, Peugeot

Grooves 6, Total length 180.00,

Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.50 mm



**115520** Alternator 14 V, 105 Amp

Replacing: 19009950

Servicing: Hyster

Total length 216.00, Pulley w/o, Fan EF

B: 50.80 mm



**115680** Alternator 14 V, 95 Amp

Replacing: 19020204

Servicing: Case, Trackless

Grooves 8, Total length 193.00,

Pulley SP, Fan IF

A: 71.50 B: 50.80 mm



**115690** Alternator 28 V, 45 Amp

Replacing: 219154

Servicing: Doosan

Terminal W, Grooves 2,

Total length 194.00, Pulley DP, Fan EF

A: 45.50 B: 13.80 C: 98.25 mm



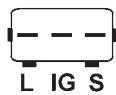
**115812** Alternator 14 V, 130 Amp

Replacing: 19020375, 10459456

Servicing: Caterpillar, John Deere, Various, Various models

Total length 217.00, Pulley w/o, Fan EF

B: 14.50 C: 100.00 mm



**115871** Alternator 28 V, 90 Amp

Manufacturer: Mitsubishi

Replacing: 8600498

Servicing: Iveco

Grooves 12, Total length 204.00,

Pulley SP, Fan IF

Alternative no.: 112427

A: 90.00 B: 58.00 mm



**115873** Alternator 14 V, 55 Amp

Manufacturer: Marelli

Replacing: 19025068

Servicing: Alfa Romeo, Fiat, Iveco

Grooves 1, Total length 172.00, Pulley P, Fan EF

Alternative no.: 111418

A: 49.00 B: 17.00 C: 65.00 mm

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**116010\*** Alternator 14 V, 150 Amp

Replacing: 8600000, 19020208

Servicing: Case, New Holland

Grooves 8, Pulley SP, Fan IF



**114423** Alternator 28 V, 55 Amp

Replacing: 0201-102-3015

Servicing: Hino

Grooves 2, Total length 197.90,

Pulley DP, Fan EF

A: 51.00 B: 14.00 C: 85.47 mm



**115533** Alternator 28 V, 75 Amp

Replacing: 0214-202-0410, 0214-202-0340,

0214-202-0330, 0214-202-0320, 0214-202-

0310

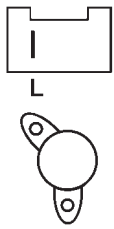
Servicing: Komatsu

Terminal W, Total length 222.00,

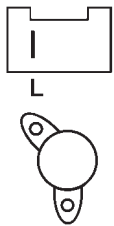
Pulley w/o, Fan EF

B: 14.30 C: 102.00 mm





**110048** Alternator 14 V, 35 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 71473902(2), 71473802, 71470602, 71470402, 71427012, 71427002, 71273402, 70229002  
 Servicing: Farymann, Renault, Volvo Penta  
 Grooves 1, Total length 180.00, Pulley SP, Fan EF, Insulated return  
 A: 72.00 B: 51.00 mm



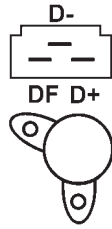
**110052** Alternator 28 V, 40 Amp  
 Replacing: 71543002, 71491002, 71490802, 71490702, 71490502, 71340002, 71249002  
 Servicing: Baudouin, DAF, Volvo Penta  
 Terminal W, Total length 177.00, Pulley w/o, Fan EF, Insulated return  
 B: 50.75 mm



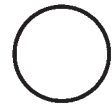
**110112** Alternator 28 V, 40 Amp  
 Replacing: 71554102  
 Servicing: Volvo, Volvo Penta  
 Terminal W, Total length 175.50, Pulley w/o, Fan w/o  
 B: 51.00 mm



**110127** Alternator 14 V, 70 Amp  
 Replacing: 71523102, 71523002, 71473602, 71470502, 71470302, 71430402, 71429802, 71429702, 71427302, 71427102  
 Servicing: Farymann, Volvo Penta  
 Terminal W, Grooves 1, Total length 179.00, Pulley P, Fan EF, Insulated return  
 A: 79.00 B: 51.00 mm



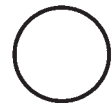
**110887** Alternator 14 V, 45 Amp  
 Replacing: 71271402, 71270702, 71212702  
 Servicing: Alfa Romeo  
 Grooves 1, Total length 170.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 130675.  
 A: 51.20 B: 27.00 mm



**110931** Alternator 14 V, 70 Amp  
 Replacing: 71233002  
 Servicing: Porsche  
 Total length 173.00, Pulley w/o, Fan w/o



**111139** Alternator 14 V, 75 Amp  
 Replacing: 71236002  
 Servicing: Audi, Porsche, VW  
 Grooves 1, Total length 171.00, Pulley P, Fan EF  
 A: 82.30 B: 56.00 mm



**111226** Alternator 14 V, 55 Amp  
 Replacing: 71314202  
 Servicing: Hatz  
 Total length 162.50, Pulley w/o, Fan w/o



**111397** Alternator 14 V, 45 Amp  
 Replacing: 70230502, 70230302, 70230202, 70230002, 70229802, 70229602, 70229502, 70229102  
 Servicing: BUKH, Volvo Penta  
 Terminal W, Grooves 1, Total length 167.00, Pulley P, Fan EF, Insulated return  
 A: 74.20 B: 50.70 mm



**112230** Alternator 14 V, 80 Amp  
 Replacing: 71716600  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 180.00, Pulley SP, Fan IF  
 A: 42.00 B: 27.20 C: 66.50 mm



**113376** Alternator 14 V, 55 Amp

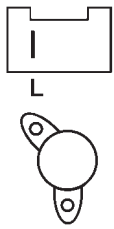
Replacing: 6020940MO30SM

Servicing: Bedford, Opel, Vauxhall

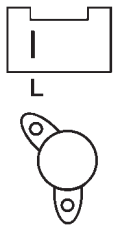
Terminal W, Grooves 1,

Total length 167.50, Pulley P, Fan EF

A: 76.60 B: 56.20 mm



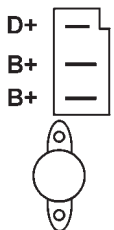
**110048** Alternator 14 V, 35 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: A13N57M, A13N3M, 2927750  
 Servicing: Farymann, Renault, Volvo Penta  
 Grooves 1, Total length 180.00, Pulley SP, Fan EF, Insulated return  
 A: 72.00 B: 51.00 mm



**110052** Alternator 28 V, 40 Amp  
 Replacing: A13N270, 2937130A, 2937130  
 Servicing: Baudouin, DAF, Volvo Penta  
 Terminal W, Total length 177.00, Pulley w/o, Fan EF, Insulated return  
 B: 50.75 mm



**110077** Alternator 14 V, 50 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 2927990  
 Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall  
 Grooves 1, Total length 171.00, Pulley P, Fan EF  
 A: 78.50 B: 56.00 mm



**110107** Alternator 14 V, 55 Amp  
 Replacing: 9A2725  
 Servicing: Massey Ferguson  
 Total length 165.00, Pulley w/o, Fan w/o  
 B: 27.00 mm



**110112** Alternator 28 V, 40 Amp  
 Replacing: 2939210, 2937390  
 Servicing: Volvo, Volvo Penta  
 Terminal W, Total length 175.50, Pulley w/o, Fan w/o  
 B: 51.00 mm



**110113** Alternator 28 V, 27 Amp  
 Replacing: 310426  
 Servicing: Mercedes-Benz  
 Total length 165.00, Pulley w/o, Fan EF  
 B: 80.00 mm



**110116** Alternator 28 V, 35 Amp  
 Replacing: A13N33  
 Servicing: DAF, Ford, MAN  
 Terminal W, Total length 180.00, Pulley w/o, Fan w/o  
 B: 80.00 mm



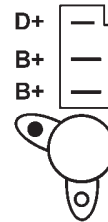
**110117** Alternator 28 V, 35 Amp  
 Manufacturer: Valeo  
 Replacing: 2960120  
 Servicing: Iveco, Magirus-Deutz, Steyr, Various Agriculture Vehicles  
 Total length 183.50, Pulley w/o, Fan EF  
 B: 56.00 mm



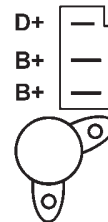
**110127** Alternator 14 V, 70 Amp  
 Replacing: 510819, 2927120  
 Servicing: Farymann, Volvo Penta  
 Terminal W, Grooves 1, Total length 179.00, Pulley P, Fan EF, Insulated return  
 A: 79.00 B: 51.00 mm



**110163** Alternator 28 V, 45 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: A13N5T, A13N56M, A13N4T, A13N283M, A13N283, A13N22T, A13N229T, A13N140T, A13N140, 2938680, 2541777  
 Servicing: Renault V.I.  
 Terminal W, Grooves 2, Total length 172.50, Pulley DP, Fan EF  
 A: 48.75 B: 27.25 C: 67.50 mm



**110178** Alternator 14 V, 36 Amp  
 Manufacturer: Lucas  
 Replacing: 29409930, 2523234  
 Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Rover  
 Total length 164.00, Pulley w/o, Fan EF  
 B: 10.00 C: 87.00 mm



**110358** Alternator 14 V, 55 Amp  
 Replacing: 2950281, 2541264  
 Servicing: Mercedes-Benz, Seat  
 Grooves 1, Total length 162.50, Pulley P, Fan EF  
 A: 77.50 B: 56.00 mm





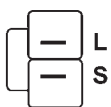
**110540** Alternator 14 V, 55 Amp  
 Replacing: TA0B09601, M40473, M34377, AR150DA, AR150CA, AC155907, AC155515, AC155513, A0B09601, A000B0431  
 Servicing: Bobcat, OMC  
 Terminal W, Grooves 1,  
 Total length 170.00, Pulley P, Fan EF  
 A: 75.00 B: 50.50 mm



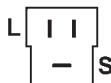
**110619** Alternator 14 V, 70 Amp  
 Replacing: A11VI55, A11VI43, A11VI11, 2541763D, 2541763C, 2541763A, 2541763, 2541719, 2541298A, 2541298  
 Servicing: Citroen, Peugeot  
 Grooves 1, Total length 170.00, Pulley P, Fan IF  
 A: 95.00 B: 56.10 mm



**110659** Alternator 14 V, 75 Amp  
 Replacing: TA000A15101, M36881, AB175053, AB175015, A000A003  
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth  
 Grooves 4, Total length 156.30,  
 Pulley SP, Fan IF  
 A: 38.15 B: 13.00 C: 55.00 mm



**110664** Alternator 14 V, 70 Amp  
 Replacing: TA000B16701  
 Servicing: Ford, Mazda  
 Terminal W, Grooves 3,  
 Total length 161.50, Pulley SP, Fan IF  
 A: 44.50 B: 13.10 C: 66.30 mm



**110694** Alternator 14 V, 40 Amp  
 Replacing: M35529, APR140AA, 2EA0629  
 Servicing: Nissan  
 Grooves 1, Total length 226.00, Pulley P, Fan EF  
 A: 42.00 B: 13.10 C: 80.45 mm



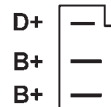
**110699** Alternator 14 V, 50 Amp  
 Replacing: M36710, AD155325, A000B015  
 Servicing: Ford, Mazda  
 Grooves 1, Total length 248.50, Pulley P, Fan EF  
 A: 50.90 B: 13.00 C: 80.25 mm



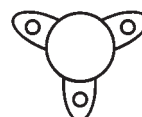
**110706** Alternator 14 V, 60 Amp  
 Replacing: M36709, APR155BA, AD160209, AD155326, A000B016, 582783, 2EA0411  
 Servicing: Ford, Kia, Mazda  
 Grooves 1, Total length 247.00, Pulley P, Fan EF  
 A: 49.70 B: 13 C: 80.00 mm



**110743** Alternator 14 V, 30 Amp  
 Replacing: A12R56, A11M6, A11M5, A11M4, A11M12, A11M11, 310231Z, 310221W, 310058L  
 Servicing: Citroen  
 Grooves 1, Total length 155.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 130679.  
 A: 61.00 B: 40.00 mm



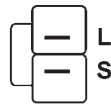
**110759** Alternator 14 V, 35 Amp  
 Replacing: 592798, 2541452, 2541239  
 Servicing: Austin, Ford, Mercury  
 Grooves 1, Total length 160.00, Pulley P, Fan EF  
 A: 36.15 B: 10.50 C: 79.00 mm



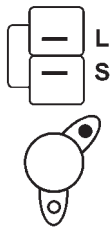
**110766** Alternator 28 V, 27 Amp  
 Replacing: 2960150, 2523162  
 Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr  
 Terminal W, Total length 170.00,  
 Pulley w/o, Fan EF  
 B: 56.00 mm



**110801** Alternator 28 V, 45 Amp  
 Replacing: A13R182  
 Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International  
 Terminal W, Total length 270.00,  
 Pulley w/o, Fan EF  
 B: 14.80 C: 100.00 mm



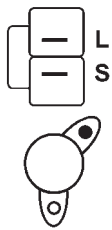
**110802** Alternator 14 V, 75 Amp  
 Replacing: TA000B33801, TA000A34801, M39589, AB175020, A000B0301  
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth  
 Grooves 4, Total length 159.50,  
 Pulley SP, Fan IF  
 A: 35.00 B: 13.25 C: 77.60 mm



**110804** Alternator 14 V, 90 Amp  
 Replacing: M39882, AB190119, AB190072, AB190025, A000B0441  
 Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth  
 Grooves 4, Total length 160.00, Pulley SP, Fan IF  
 A: 35.00 B: 13.40 C: 77.40 mm



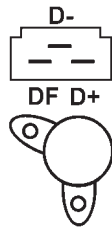
**110805** Alternator 14 V, 45 Amp  
 Replacing: AD150413, 2EA0550A1  
 Servicing: Dodge, Mazda, Mitsubishi, Plymouth  
 Grooves 1, Total length 221.50, Pulley P, Fan EF  
 A: 45.30 B: 13.10 C: 54.20 mm



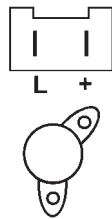
**110806** Alternator 14 V, 65 Amp  
 Replacing: M04418, APR165AA, AD165309, 2EA0550D3  
 Servicing: Mitsubishi  
 Grooves 1, Total length 223.50, Pulley P, Fan EF  
 A: 44.40 B: 12.80 C: 56.30 mm



**110877** Alternator 14 V, 65 Amp  
 Replacing: 2941253A, 2941253  
 Servicing: BMW  
 Total length 159.00, Pulley w/o, Fan EF  
 B: 51.00 mm



**110887** Alternator 14 V, 45 Amp  
 Replacing: A13R121  
 Servicing: Alfa Romeo  
 Grooves 1, Total length 170.00, Pulley P, Fan EF  
 Regulator: HC-CARGO 130675.  
 A: 51.20 B: 27.00 mm



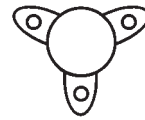
**110889** Alternator 14 V, 75 Amp  
 Replacing: A14N4, A14N163, A14N144, 2541324, 2541204  
 Servicing: Renault, Renault V.I.  
 Terminal W, Grooves 1, Total length 186.50, Pulley P, Fan EF  
 A: 57.90 B: 26.90 C: 69.00 mm



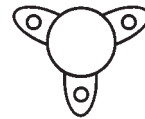
**110890** Alternator 14 V, 55 Amp  
 Replacing: 2950500  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same  
 Grooves 1, Total length 169.00, Pulley P, Fan w/o  
 A: 49.00 B: 17.00 C: 63.00 mm



**110891** Alternator 14 V, 70 Amp  
 Replacing: 2925330  
 Servicing: Ford, Land Rover, MG  
 Terminal W, Total length 169.00, Pulley w/o, Fan w/o  
 As HC-CARGO 114788, but w/o pulley.  
 B: 11.30 C: 83.00 mm



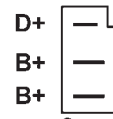
**110895** Alternator 28 V, 55 Amp  
 Replacing: 523161, 2940780, 2940778  
 Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong  
 Terminal W, Total length 196.50, Pulley w/o, Fan EF  
 B: 80.00 mm



**110906** Alternator 28 V, 30 Amp  
 Replacing: A13N166, 2104264  
 Servicing: Mercedes-Benz  
 Terminal W, Total length 187.00, Pulley w/o, Fan w/o  
 B: 80.00 mm

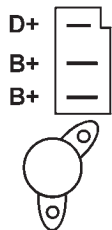


**110911** Alternator 14 V, 55 Amp  
 Replacing: 9AR2621, 9AR2596  
 Servicing: Audi, Peugeot, Saab, VW  
 Grooves 1, Total length 171.00, Pulley P, Fan EF  
 A: 77.64 B: 56.00 mm

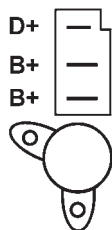


**110912** Alternator 14 V, 55 Amp  
 Replacing: A13E23, 2541234, 2541233  
 Servicing: Abarth, Alfa Romeo, Ferrari, Fiat, Fiat-Allis, Lancia, Pininfarina, Seat  
 Grooves 1, Total length 162.50, Pulley P, Fan EF  
 A: 44.50 B: 16.40 C: 66.00 mm

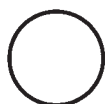




**110913** Alternator 14 V, 70 Amp  
 Replacing: 9AR2518  
 Servicing: Audi, VW  
 Terminal W, Pulley w/o, Fan w/o  
 B: 56.00 mm



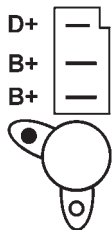
**110923** Alternator 14 V, 55 Amp  
 Replacing: A13V05, 2518046  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 176.00,  
 Pulley SP, Fan EF  
 A: 92.00 B: 56.00 mm



**110931** Alternator 14 V, 70 Amp  
 Replacing: A14N11  
 Servicing: Porsche  
 Total length 173.00, Pulley w/o, Fan w/o



**110959** Alternator 14 V, 55 Amp  
 Replacing: M40472, M31612, AR150BA,  
 AR150AA, AC155604, AC155603, AC155602,  
 A000B0331, 2EA0436A  
 Servicing: Mercruiser, Mercury, OMC  
 Terminal W, Grooves 1,  
 Total length 162.00, Pulley P, Fan EF  
 Purple wire = +15. Red wire = S (+).  
 A: 76.35 B: 50.70 mm



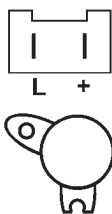
**110968** Alternator 14 V, 70 Amp  
 Replacing: 9AR2699  
 Servicing: Austin, Case, Dronningborg,  
 Mercedes-Benz, MG, Nissan, Rover, Valtra  
 Grooves 1, Total length 167.00, Pulley P,  
 Fan EF  
 Pulley distance is ok from 34.00 to 43.00 mm.  
 A: 34.00 B: 11.00 C: 82.00 mm



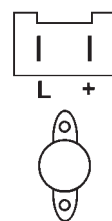
**111035** Alternator 14 V, 65 Amp  
 Replacing: A13E26, A13E25, 2541236, 2541235  
 Servicing: Audi, Autobianchi, Case, Fiat,  
 Innocenti, Lancia, VW, Zastava  
 Terminal W, Grooves 1,  
 Total length 164.50, Pulley P, Fan EF  
 A: 52.00 B: 23.00 C: 74.00 mm



**111036** Alternator 14 V, 45 Amp  
 Replacing: A13E1, 2541135, 2518028  
 Servicing: Autobianchi, Fiat, Lancia  
 Grooves 1, Pulley P, Fan EF  
 A: 56.80 B: 32.25 mm



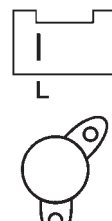
**111071** Alternator 14 V, 75 Amp  
 Manufacturer: Valeo  
 Replacing: A14R28, A14R26, A14N55, A14N2,  
 A14N1, 2941232, 2940275  
 Servicing: Citroen, Peugeot  
 Grooves 1, Total length 172.00, Pulley P,  
 Fan EF  
 A: 61.85 B: 35.90 C: 53.00 mm



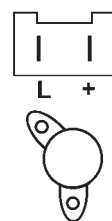
**111072** Alternator 14 V, 50 Amp  
 Replacing: A13R269, A13R260, A13R228,  
 A13N87, A13N65, A13N63, A13N139, 2181730  
 Servicing: Renault, VW  
 Grooves 1, Total length 164.00, Pulley P,  
 Fan IF  
 A: 49.40 B: 27.00 C: 66.00 mm



**111075** Alternator 14 V, 55 Amp  
 Replacing: A13N94, A13N43, A13N38,  
 A13N293  
 Servicing: Citroen, Peugeot, Talbot, Vauxhall  
 Grooves 1, Total length 161.50, Pulley P,  
 Fan EF  
 A: 59.50 B: 40.00 mm



**111076** Alternator 14 V, 50 Amp  
 Replacing: A13N95, A13N240, A13N218,  
 A13N181, 2541489, 2541366, 2541314,  
 2541180  
 Servicing: Citroen, Opel, Peugeot, Talbot  
 Grooves 4, Total length 163.50,  
 Pulley SP, Fan EF  
 A: 46.35 B: 26.80 C: 66.00 mm

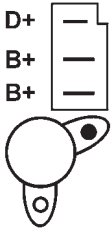


**111082** Alternator 14 V, 60 Amp  
 Replacing: A13N121, A13N110, 2541471  
 Servicing: Renault  
 Grooves 1, Total length 178.25, Pulley P,  
 Fan EF  
 A: 100.95 B: 56.00 mm

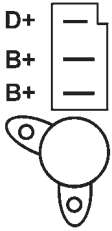




**111085** Alternator 14 V, 55 Amp  
 Replacing: A13N39  
 Servicing: Volvo  
 Grooves 2, Total length 172.25,  
 Pulley DP, Fan EF  
 A: 91.95 B: 71.00 mm



**111086** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 2941231, 2927060  
 Servicing: Austin, Ford, Mercury, MG, Rover  
 Grooves 1, Total length 170.00, Pulley P,  
 Fan IF  
 A: 34.60 B: 10.80 C: 81.00 mm



**111093** Alternator 14 V, 70 Amp  
 Replacing: A13V07, A13V02, 2541297,  
 2518044  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 183.50,  
 Pulley SP, Fan EF  
 A: 92.00 B: 56.00 mm



**111094** Alternator 14 V, 65 Amp  
 Replacing: A13E45, 2940311A, 2940311  
 Servicing: Audi, VW  
 Terminal W, Grooves 1,  
 Total length 187.25, Pulley P, Fan EF  
 A: 109.00 B: 56.00 mm



**111141** Alternator 14 V, 55 Amp  
 Replacing: 523159, 523158, 2325158  
 Servicing: MAN, Mercedes-Benz  
 Terminal W, Total length 167.70,  
 Pulley w/o, Fan w/o  
 B: 80.00 mm



**111148** Alternator 14 V, 65 Amp  
 Replacing: A13E68  
 Servicing: Autobianchi, Fiat, Lancia, Zastava  
 Grooves 1, Total length 165.50, Pulley P,  
 Fan w/o  
 A: 52.25 B: 23.00 C: 73.00 mm



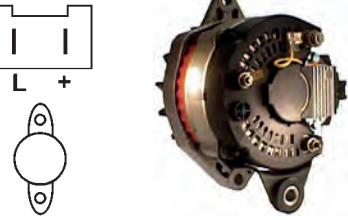
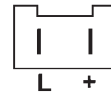
**111153** Alternator 14 V, 55 Amp  
 Replacing: A13R192, A13N80  
 Servicing: Alfa Romeo  
 Grooves 1, Total length 169.00, Pulley P,  
 Fan EF  
 A: 52.00 B: 27.00 mm



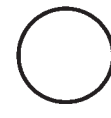
**111154** Alternator 14 V, 65 Amp  
 Replacing: A13E58, A13E43, A13E09,  
 2940371, 2940309, 2940307, 2541438,  
 2523203  
 Servicing: Audi, Mercedes-Benz, Seat, VW  
 Terminal W, Grooves 1,  
 Total length 176.50, Pulley P, Fan EF  
 A: 87.50 B: 56.00 mm



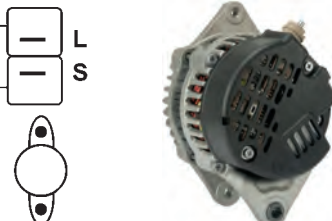
**111168** Alternator 14 V, 55 Amp  
 Replacing: A13N214, 2541341  
 Servicing: Ferrari, Opel, Vauxhall  
 Terminal W, Grooves 1,  
 Total length 169.00, Pulley P, Fan EF  
 A: 84.00 B: 56.00 mm



**111171** Alternator 14 V, 70 Amp  
 Replacing: A14N62, A14N53, A13N62,  
 A13N228, A13N226, A13N171, 2541160,  
 2541156  
 Servicing: Renault  
 Terminal W, Grooves 1,  
 Total length 157.50, Pulley P, Fan EF  
 A: 49.65 B: 27.00 C: 66.50 mm



**111226** Alternator 14 V, 55 Amp  
 Replacing: A13N52, A13N281, A13N28,  
 2541768  
 Servicing: Hatz  
 Total length 162.50, Pulley w/o, Fan w/o  
 mm



**111237** Alternator 14 V, 70 Amp  
 Replacing: TA000A28801, APR140AB,  
 AB175036, AB170094, AB170036  
 Servicing: Kia, Mazda  
 Grooves 4, Total length 156.25,  
 Pulley SP, Fan IF  
 A: 37.75 B: 13.00 C: 66.55 mm



**111288** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: A13E41, 2940367, 2940303A, 2940303, 2541442, 2541441, 2541435, 2541222  
 Servicing: Seat, VW  
 Terminal W, Grooves 1,  
 Total length 168.00, Pulley P, Fan EF  
 A: 75.00 B: 56.00 mm



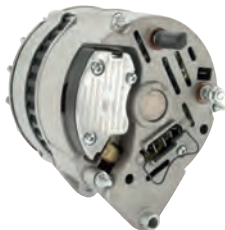
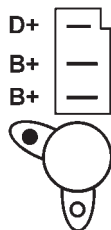
**111318** Alternator 14 V, 80 Amp  
 Replacing: A13VI262, A13VI232, A13VI102, 2542355A, 2542355, 2542255, 2541785B, 2541785  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 Grooves 6, Total length 174.00,  
 Pulley SP, Fan IF  
 A: 92.35 B: 56.00 mm



DF



**111331** Alternator 28 V, 60 Amp  
 Manufacturer: Valeo  
 Replacing: A14N44M, A14N3T, A14N3, A14N28T  
 Servicing: Renault V.I.  
 Terminal W, Grooves 2,  
 Total length 172.50, Pulley DP, Fan EF  
 A: 48.50 B: 27.30 C: 69.80 mm



**111289** Alternator 14 V, 70 Amp  
 Replacing: 2950220, 2940981, 2929780, 2927070  
 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover  
 Terminal W, Grooves 1,  
 Total length 175.00, Pulley P, Fan EF  
 A: 35.00 B: 12.50 C: 80.00 mm



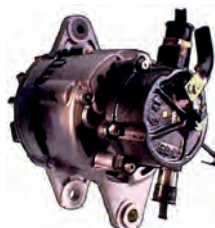
L +



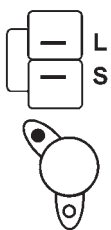
**111319** Alternator 14 V, 105 Amp  
 Replacing: A14N75, A14N73, A14N140, A13VI13, 2541307D, 2541307C, 2541307, 2541197  
 Servicing: Renault, Renault V.I.  
 Terminal W, Grooves 1,  
 Total length 193.50, Pulley P, Fan EF  
 A: 48.50 B: 26.90 C: 66.00 mm



R L



**111344** Alternator 28 V, 25 Amp  
 Replacing: TA000A06101, M04419, APR225AA, AD225412, 2EA0501A  
 Servicing: Mitsubishi  
 Grooves 1, Total length 243.50, Pulley P, Fan EF  
 A: 45.25 B: 12.55 C: 80.20 mm



**111309** Alternator 14 V, 75 Amp  
 Replacing: TA000A39101, TA000A35201, M37208, AB180128, AB175068, AB175054, AB175019, A000B0391  
 Servicing: Hyundai, Proton  
 Grooves 4, Total length 161.50,  
 Pulley SP, Fan IF  
 A: 36.20 B: 13.15 C: 54.50 mm



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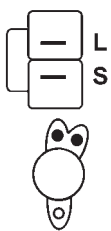
**111321** Alternator 14 V, 70 Amp  
 Replacing: A13N289, A13N241, A13N232, A13N178, A13N133, 2541807, 2541490, 2541445, 2541173  
 Servicing: Volvo  
 Grooves 6, Total length 166.00,  
 Pulley SP, Fan EF  
 A: 46.50 B: 27.00 C: 69.50 mm



W D+



**111352** Alternator 14 V, 70 Amp  
 Replacing: A11VI66, A11VI22, A11VI21, 2541821A, 2541821, 2541415H, 2541415G, 2541415, 2541410  
 Servicing: Seat, Skoda, VW  
 Terminal W, Grooves 6,  
 Total length 190.50, Pulley SP, Fan IF  
 A: 39.45 B: 14.65 C: 59.80 mm



**111314** Alternator 14 V, 90 Amp  
 Replacing: AB190386, AB190205, AB190097  
 Servicing: Hyundai, Mitsubishi  
 Grooves 5, Total length 158.90,  
 Pulley SP, Fan IF  
 A: 37.90 B: 13.15 C: 55.15 mm



L +



**111325** Alternator 14 V, 70 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: A13N158, 2541118  
 Servicing: Renault  
 Grooves 1, Total length 174.50, Pulley P, Fan EF  
 A: 57.10 B: 27.15 C: 66.75 mm



W D+

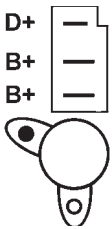


**111353** Alternator 14 V, 70 Amp  
 Replacing: A11VI64, A11VI36, 2541819, 2541676, 2541619  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Grooves 6, Total length 187.50,  
 Pulley SP, Fan IF  
 A: 39.00 B: 14.00 C: 60.00 mm

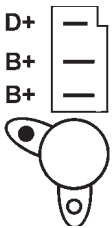




**111354** Alternator 14 V, 70 Amp  
 Replacing: A13VI75, A13VI74, 2541699, 2541683A, 2541683, 2541680A, 2541680  
 Servicing: Mercedes-Benz  
 Terminal W, Grooves 6,  
 Total length 190.00, Pulley SP, Fan IF  
 A: 92.35 B: 56.00 mm



**111355** Alternator 14 V, 65 Amp  
 Replacing: 2541400, 2541290  
 Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra  
 Terminal W, Grooves 1,  
 Total length 163.50, Pulley P, Fan EF  
 A: 37.00 B: 11.50 C: 81.00 mm



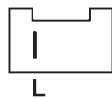
**111362** Alternator 14 V, 55 Amp  
 Replacing: 2926300  
 Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra  
 Terminal W, Grooves 1,  
 Total length 165.50, Pulley P, Fan EF  
 A: 34.50 B: 11.00 C: 81.00 mm



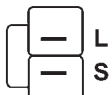
**111369** Alternator 14 V, 90 Amp  
 Replacing: A13VI220, A13VI198, A13VI176, A13VI170, A13VI169, A13VI135, A13VI100, 2541992B, 2541992, 2541960  
 Servicing: Mercedes-Benz, Various Agriculture Vehicles  
 Terminal W, Grooves 6,  
 Total length 189.50, Pulley SP, Fan IF  
 A: 92.00 B: 56.00 mm



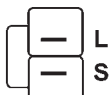
**111397** Alternator 14 V, 45 Amp  
 Replacing: A13N35M, A13N2M, A13N259M, A13N259, A13N234, A13N2, A13N1M, A13N186M, A13N149M, A13N148M, A13N147M  
 Servicing: BUKH, Volvo Penta  
 Terminal W, Grooves 1, Total length 167.00,  
 Pulley P, Fan EF, Insulated return  
 A: 74.20 B: 50.70 mm



**111402** Alternator 14 V, 50 Amp  
 Manufacturer: Valeo  
 Replacing: A13N237  
 Servicing: Citroen, Peugeot  
 Grooves 1, Total length 164.50, Pulley P, Fan EF  
 A: 59.45 B: 40.00 mm



**111405** Alternator 14 V, 90 Amp  
 Replacing: TA000A14501, AB190058  
 Servicing: Hyundai  
 Grooves 4, Total length 160.00,  
 Pulley SP, Fan IF  
 A: 35.00 B: 13.25 C: 55.45 mm



**111406** Alternator 14 V, 110 Amp  
 Replacing: TA000A07401, AB111057, AB111033  
 Servicing: Dodge, Hyundai, Mitsubishi  
 Grooves 6, Total length 170.00,  
 Pulley SP, Fan IF  
 A: 23.50 B: 17.25 C: 55.40 mm



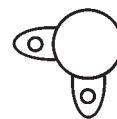
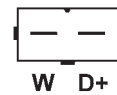
**111411** Alternator 14 V, 75 Amp  
 Replacing: A11VI46, 2541728A, 2541728  
 Servicing: Citroen, Fiat, Ford, Lancia, Peugeot  
 Grooves 4, Total length 189.50,  
 Pulley SP, Fan IF  
 A: 54.80 B: 32.00 mm



**111419** Alternator 28 V, 55 Amp  
 Replacing: 2541423  
 Servicing: Allis Chalmers, BENFRA, Fiat-Allis, Iveco, Laverda  
 Terminal W, Grooves 2,  
 Total length 188.00, Pulley DP, Fan EF  
 A: 50.00 B: 17.45 C: 63.00 mm



**111426** Alternator 14 V, 100 Amp  
 Replacing: SG10B041, SG10B012, 2542273  
 Servicing: Isuzu, Opel, Vauxhall  
 Grooves 6, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 51.00 B: 33.75 C: 56.00 mm

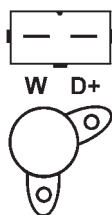


**111477** Alternator 14 V, 90 Amp  
 Replacing: A13VI41, A13VI124, A13VI121, 2541815B, 2541815A, 2541815, 2541675, 2541417K, 2541417  
 Servicing: Ford, Seat, Skoda, VW  
 Terminal W, Grooves 6,  
 Total length 187.00, Pulley SP, Fan IF  
 A: 39.50 B: 13.50 C: 59.00 mm





**111478** Alternator 14 V, 90 Amp  
 Manufacturer: Valeo  
 Replacing: A13VI156, A13VI138, 2541895C, 2541895B, 2541895, 2541856A, 2541856  
 Servicing: Audi, VW  
 Grooves 5, Total length 185.00, Pulley SP, Fan IF  
 A: 35.00 B: 14.00 C: 82.00 mm



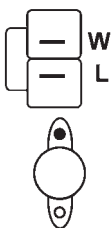
**111479** Alternator 14 V, 90 Amp  
 Replacing: A13VI40, A13VI123, 2941814, 2541416F, 2541416  
 Servicing: Seat, VW  
 Terminal W, Grooves 6, Total length 185.00, Pulley SP, Fan IF  
 A: 39.00 B: 14.00 C: 59.00 mm



**111498** Alternator 14 V, 110 Amp  
 Replacing: A13VI73, 2541679C, 2541679  
 Servicing: Citroen, Fiat  
 Grooves 6, Total length 196.00, Pulley SP, Fan IF  
 A: 53.00 B: 27.00 C: 66.00 mm



**111510** Alternator 28 V, 55 Amp  
 Replacing: 9AR3855, 2960000, 2939590  
 Servicing: Ford, Perkins  
 Terminal W, Pulley w/o, Fan EF, Insulated return  
 B: 10.00 C: 82.00 mm



**111515** Alternator 14 V, 70 Amp  
 Replacing: TA000A55401, 567051  
 Servicing: AC, Opel, Vauxhall  
 Grooves 1, Total length 215.00, Pulley P, Fan IF  
 A: 42.50 B: 13.00 C: 78.50 mm



**111528** Alternator 28 V, 55 Amp  
 Replacing: 2180620, 2105473B  
 Servicing: Volvo, Volvo BM, Volvo Penta  
 Terminal W, Total length 180.75, Pulley w/o, Fan EF  
 B: 51.50 mm



**111532** Alternator 14 V, 80 Amp  
 Replacing: A13VI84, 2541726B, 2541726  
 Servicing: Citroen, Peugeot  
 Grooves 5, Total length 176.00, Pulley SP, Fan IF  
 A: 53.00 B: 26.40 C: 58.00 mm



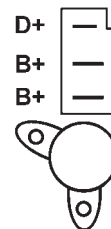
**111621** Alternator 14 V, 55 Amp  
 Replacing: A13E50, 2541399  
 Servicing: Autobianchi, Fiat, Lancia  
 Grooves 1, Total length 162.00, Pulley P, Fan EF  
 A: 57.50 B: 32.30 mm



**111631** Alternator 28 V, 55 Amp  
 Replacing: A14N208M, A14N207M, A14N183M, A14N183, 2542514A, 2542514, 2542359, 2541624A, 2541624  
 Servicing: Volvo  
 Terminal W, Total length 185.00, Pulley w/o, Fan EF  
 B: 14.10 C: 100.00 mm



**111647<sup>#</sup>** Alternator 28 V, 60 Amp  
 Replacing: 21EA00050  
 Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack  
 Total length 218.00, Pulley w/o, Fan EF  
 B: 15.00 C: 102.00 mm



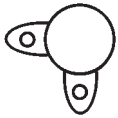
**111653** Alternator 14 V, 45 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 9AR2708  
 Servicing: Audi, VW  
 Grooves 1, Total length 188.00, Pulley P, Fan EF  
 A: 109.50 B: 56.00 mm



**111656** Alternator 14 V, 45 Amp  
 Replacing: 2941301, 2940353  
 Servicing: Bedford, Opel, Vauxhall  
 Grooves 1, Total length 165.50, Pulley P, Fan EF  
 A: 77.00 B: 56.00 mm



**111658** Alternator 28 V, 55 Amp  
 Replacing: A14N206M, A14N200M, A14N141M, A14N118M, 2541850, 2541828B, 2541828, 2541199D, 2541199B, 2541199  
 Servicing: Renault V.I., Volvo, Volvo Penta  
 Terminal W, Total length 185.00,  
 Pulley w/o, Insulated return  
 B: 50.75 mm



**111676** Alternator 14 V, 90 Amp  
 Replacing: A13VI63, A13VI126, 2541817, 2541626E, 2541626  
 Servicing: Audi, Skoda, VW  
 Terminal W, Grooves 6,  
 Total length 198.00, Pulley SP, Fan IF  
 A: 41.00 B: 14.80 C: 59.00 mm



**111686** Alternator 14 V, 65 Amp  
 Replacing: 2929510, 2565995, 2565994  
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda  
 Grooves 1, Total length 166.50, Pulley P, Fan EF  
 A: 49.50 B: 17.00 C: 64.50 mm



**111710** Alternator 14 V, 65 Amp  
 Replacing: TA000B28101, TA000B13001, TA00023301, AC165618, AC165617, AC165616, AC165610, AC155616  
 Servicing: Mercury, OMC  
 Grooves 6, Total length 171.00,  
 Pulley SP, Fan EF  
 A: 72.00 B: 50.70 mm



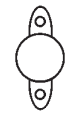
**111718** Alternator 14 V, 75 Amp  
 Replacing: TG8S025, TG8S017, A11VI88, 2542897, 2541953B, 2541953  
 Servicing: Opel, Renault  
 Terminal W, Grooves 6,  
 Total length 176.00, Pulley SP, Fan IF  
 A: 46.50 B: 26.50 C: 66.50 mm



**111719** Alternator 14 V, 120 Amp  
 Manufacturer: Valeo  
 Replacing: A13VI292, A13VI254, A13VI207, 2542603, 2542315A, 2542315, 2541976D, 2541976  
 Servicing: Renault  
 Terminal W, Grooves 6,  
 Total length 192.00, Pulley SP/FW, Fan IF  
 A: 46.00 B: 26.30 C: 66.50 mm



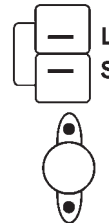
**111720** Alternator 28 V, 90 Amp  
 Replacing: HD90S020ZD, HD90S019ZD, HD90S017ZD, HD90S016ZD, HD90S014ZD, HD90S014, HD90S013ZD, HD90S013  
 Servicing: Scania  
 Terminal W, Total length 175.50,  
 Pulley w/o, Fan w/o  
 B: 22.70 C: 68.70 mm



**111722** Alternator 14 V, 75 Amp  
 Replacing: A13VI224, A11VI97, A11VI92, A11VI104, 2542363A, 2542363, 2542231, 2541999, 2541978A, 2541978  
 Servicing: Renault  
 Terminal W, Grooves 6,  
 Total length 182.00, Pulley SP, Fan IF  
 A: 45.00 B: 26.80 C: 68.00 mm



**111723** Alternator 14 V, 70 Amp  
 Manufacturer: Valeo  
 Replacing: A11VI89, 2541965A, 2541965  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 5, Total length 173.50,  
 Pulley SP, Fan IF  
 B: 56.00 mm



**111787** Alternator 14 V, 70 Amp  
 Replacing: TA000A08101, AB170035  
 Servicing: Kia  
 Grooves 4, Total length 157.50,  
 Pulley SP, Fan IF  
 A: 38.00 B: 13.00 C: 66.60 mm



**111788** Alternator 14 V, 105 Amp  
 Replacing: A13VI76, 2541694D, 2541694  
 Servicing: BMW, Opel, Vauxhall  
 Grooves 5, Total length 181.00,  
 Pulley SP, Fan IF  
 A: 78.00 B: 56.00 mm



**111800** Alternator 14 V, 65 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 2940349, 2940347  
 Terminal W, Grooves 1,  
 Total length 171.00, Pulley P, Fan EF  
 A: 85.00 B: 56.00 mm

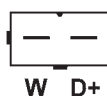




**111803** Alternator 14 V, 60 Amp  
 Replacing: A13N269, 2541695  
 Servicing: Renault  
 Grooves 1, Total length 173.50, Pulley P, Fan EF  
 A: 50.50 B: 26.00 mm



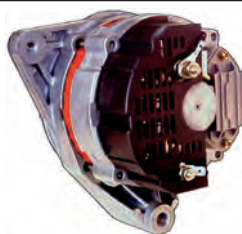
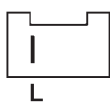
**111807** Alternator 14 V, 70 Amp  
 Replacing: AB170066  
 Servicing: Kia, Mazda  
 Grooves 4, Total length 158.00, Pulley SP, Fan IF  
 A: 38.00 B: 13.50 C: 66.50 mm



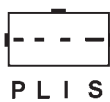
**111820** Alternator 14 V, 90 Amp  
 Replacing: A13VI114, 2541801A, 2541801  
 Servicing: Audi, Skoda, VW  
 Terminal W, Grooves 6, Total length 185.40, Pulley SP, Fan IF  
 A: 39.50 B: 14.00 C: 59.00 mm



**111834** Alternator 28 V, 55 Amp  
 Replacing: A13N11  
 Servicing: Scania  
 Terminal W, Total length 180.00, Pulley w/o, Fan EF  
 Heavy duty type: HC-CARGO 112182 (80 A).  
 B: 80.00 mm



**111841** Alternator 14 V, 50 Amp  
 Replacing: A13N215, A13N175, A13N129, 2541363, 2541169  
 Servicing: Citroen, Peugeot  
 Grooves 1, Total length 167.00, Pulley P, Fan EF  
 A: 95.50 B: 56.00 mm



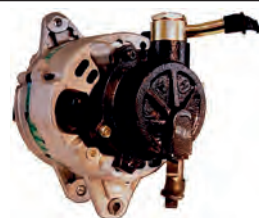
**111846** Alternator 14 V, 80 Amp  
 Replacing: 219187  
 Servicing: Daewoo  
 Grooves 5, Total length 190.00, Pulley SP, Fan EF  
 A: 46.50 B: 13.00 C: 80.50 mm



**111847** Alternator 14 V, 65 Amp  
 Replacing: TA000A52201, 2655476  
 Servicing: Chevrolet, SGMW  
 Grooves 1, Total length 161.00, Pulley P, Fan IF  
 A: 42.00 B: 15.10 C: 65.30 mm



**111890** Alternator 14 V, 90 Amp  
 Replacing: A13VI222  
 Servicing: Mercedes-Benz  
 Terminal W, Grooves 6, Total length 192.00, Pulley SP/FW, Fan IF  
 A: 92.00 B: 56.00 mm



**111929** Alternator 14 V, 65 Amp  
 Replacing: M36934, BM51267AR, AD165321Q, AD165321, AD165320Q, AD165320, AD165202, AC165531, A000A0063  
 Servicing: Hyundai  
 Grooves 1, Total length 221.00, Pulley P, Fan EF  
 A: 44.50 B: 13.15 C: 54.50 mm



**111934** Alternator 14 V, 80 Amp  
 Manufacturer: Valeo  
 Replacing: A13VI266, A13VI212, A11VI93, A11VI105, 2542367A, 2542367, 2542366A, 2542366, 2541984A, 2541984  
 Servicing: Opel, Renault  
 Grooves 3, Total length 177.00, Pulley SP, Fan IF  
 A: 52.50 B: 27.00 C: 66.40 mm



**111937** Alternator 14 V, 75 Amp  
 Replacing: A11VI81, 2541928A, 2541928  
 Servicing: Opel, Renault, Vauxhall  
 Terminal W, Grooves 6, Total length 192.00, Pulley SP, Fan IF  
 A: 52.00 B: 27.00 C: 69.30 mm

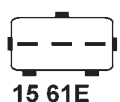


**111943** Alternator 14 V, 90 Amp  
 Replacing: SG9B039, SG9B038, A13VI257, A13VI202, 2542414A, 2542414, 2542413C, 2542413A, 2542413, 2542347A  
 Servicing: Mercedes-Benz  
 Grooves 5, Total length 181.00, Pulley SP/FW, Fan IF  
 A: 29.50 B: 140.20 C: 42.00 mm





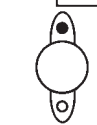
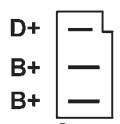
**111946** Alternator 14 V, 80 Amp  
 Replacing: A13VI178, 2541697B, 2541697  
 Servicing: BMW  
 Grooves 6, Total length 207.50,  
 Pulley SP, Fan IF  
 A: 46.80 B: 19.65 C: 73.50 mm



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**111947** Alternator 14 V, 95 Amp  
 Manufacturer: Valeo  
 Replacing: A13VI150, A13VI130, 2541884, 2541848  
 Servicing: BMW  
 Grooves 5, Total length 218.00,  
 Pulley SP, Fan IF  
 A: 77.30 B: 56.00 mm



**111948** Alternator 14 V, 70 Amp  
 Replacing: 9AR2786, 9AR2566, 2950700, 2940772,  
 2928610, 2541148, 2541131, 2541130, 2518051  
 Servicing: Massey Ferguson  
 Terminal W, Total length 159.00,  
 Pulley w/o, Fan EF  
 B: 29.00 mm



**111967** Alternator 14 V, 90 Amp  
 Replacing: SG9B037, A13VI237, A13VI178,  
 2542412C, 2542412B, 2542412A, 2542412,  
 2542291A, 2542291, 2541922B  
 Servicing: Mercedes-Benz  
 Grooves 5, Total length 177.00,  
 Pulley SP, Fan IF  
 A: 30.00 B: 140.00 C: 41.20 mm



**111987** Alternator 28 V, 55 Amp  
 Replacing: A14N190, A14N189, A14N188,  
 A14N187, A14N186, A14N185, A14N182,  
 2541648, 2541639, 2541638, 25416373  
 Servicing: Iveco  
 Terminal W, Total length 178.00,  
 Pulley w/o, Fan EF  
 B: 17.00 C: 63.80 mm



**111989** Alternator 14 V, 90 Amp  
 Replacing: SG9B088, SG9B087, SG9B059,  
 SG9B049, SG9B013, 2543328B, 2543328,  
 2543320A, 2543320, 2542767, 2542571  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 186.50,  
 Pulley SP, Fan IF  
 Alternative no.: 115482   
 A: 39.60 B: 14.00 C: 61.00 mm



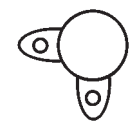
**111990** Alternator 14 V, 70 Amp  
 Replacing: SG7S021, 2542543  
 Servicing: Opel, Vauxhall  
 Grooves 5, Total length 178.00,  
 Pulley SP, Fan IF  
 A: 55.00 B: 33.50 C: 56.00 mm



**112002** Alternator 14 V, 120 Amp  
 Replacing: SG12B090, SG12B042, SG12B015,  
 2542949A, 2542949, 2542461D, 2542461C,  
 2542461B, 2542461A, 2542461  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Terminal W, Total length 180.00,  
 Pulley w/o, Fan IF  
 Free wheel pulley: HC-CARGO 230293. Washer Bosch:  
 HC-CARGO 139931. Washer hitachi: HC-CARGO  
 133948. As HC-CARGO 114797, but w/o pulley.  
 Alternative no.: 115483   
 B: 14.50 C: 61.00 mm



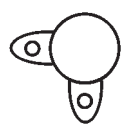
**112057** Alternator 14 V, 110 Amp  
 Replacing: A13VI179, 2541927A, 2541927  
 Servicing: Opel, Renault, Vauxhall  
 Terminal W, Grooves 6,  
 Total length 192.00, Pulley SP, Fan IF  
 A: 53.00 B: 26.40 C: 66.50 mm



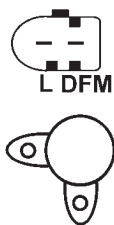
**112058** Alternator 14 V, 70 Amp  
 Replacing: SG7S024, SG7S014, A11VI91, 2542678A,  
 2542678, 2542483A, 2542483, 2541969A, 2541969  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 171.50,  
 Pulley SP, Fan IF  
 A: 42.50 B: 22.00 C: 45.00 mm



**112059** Alternator 14 V, 110 Amp  
 Replacing: A13VI300, A13VI259, A13VI195,  
 2542691C, 2542691, 2542354A, 2542354,  
 2541954B, 2541954  
 Servicing: Renault  
 Grooves 6, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 46.00 B: 27.40 C: 66.30 mm



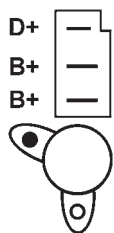
**112075** Alternator 14 V, 70 Amp  
 Replacing: SG8B011, 2542240C, 2542240A,  
 2542240  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 182.00,  
 Pulley SP, Fan IF  
 A: 40.00 B: 14.00 C: 60.75 mm



**112079** Alternator 14 V, 90 Amp  
 Replacing: SG9B078, SG9B015, A13VI182, 2542948A, 2542948, 2542245C, 2542245  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 Grooves 6, Total length 170.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 114789   
 A: 39.00 B: 14.00 C: 61.00 mm



**112097** Alternator 28 V, 30 Amp  
 Replacing: 2939520  
 Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda  
 Grooves 1, Total length 174.00, Pulley P, Fan w/o  
 A: 45.00 B: 17.00 C: 63.00 mm



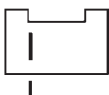
**112112** Alternator 14 V, 70 Amp  
 Replacing: 2929580, 2928580, 2927440  
 Servicing: Perkins, Sabre, Yanmar  
 Terminal W, Grooves 1, Total length 170.50,  
 Pulley P, Fan EF, Insulated return  
 A: 45.00 B: 11.50 C: 82.50 mm



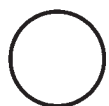
**112144** Alternator 14 V, 98 Amp  
 Replacing: SG9B047, SG9B033, 2542548A, 2542548, 2542420C, 2542420B, 2542420A, 2542420  
 Servicing: Dacia, Nissan, Renault  
 Total length 194.00, Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 332319.  
 A: 19.50 B: 80.10 C: 40.50 mm



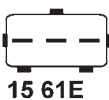
**112149** Alternator 14 V, 65 Amp  
 Manufacturer: Bosch  
 Replacing: 2940375, 2940305A, 2940305, 2940304A, 2940304, 2541434A, 2541434, 2523205, 2523204  
 Servicing: Audi, Seat, VW  
 Terminal W, Grooves 1, Pulley P, Fan EF  
 A: 109.80 B: 56.00 mm



**112162** Alternator 14 V, 70 Amp  
 Replacing: A13N220, A13N219, A13N183, A13N182, A13N177, A13N167, A13N151, 2541368, 2541367, 2541182, 2541181  
 Servicing: Citroen, Peugeot  
 Grooves 4, Total length 158.00,  
 Pulley SP, Fan EF  
 A: 45.50 B: 27.00 C: 66.00 mm



**112183** Alternator 14 V, 60 Amp  
 Replacing: A13N255, A13N165, 2541659, 2541133  
 Servicing: KHD, Various Agriculture Vehicles  
 Terminal W, Total length 174.50,  
 Pulley w/o, Fan w/o



**112193** Alternator 14 V, 120 Amp  
 Replacing: SG14B020, SG14B019, SG12B029, A14VI22, 2543237A, 2543237, 2542875, 2542377B, 2542377, 2541963A  
 Servicing: BMW  
 Grooves 6, Total length 236.00,  
 Pulley SP, Fan IF  
 A: 69.00 B: 28.00 C: 74.50 mm



**112197** Alternator 14 V, 115 Amp  
 Replacing: SG12B087  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 176.00,  
 Pulley SP/FW, Fan IF  
 A: 31.00 B: 69.80 C: 56.00 mm



**112199** Alternator 14 V, 75 Amp  
 Replacing: SG7S071, SG7S013, SG7S010, A11VI94, 2543554, 2542481D, 2542481, 2542342, 2541980B, 2541980A  
 Servicing: Dacia, Nissan, Renault  
 Grooves 6, Total length 194.00,  
 Pulley SP, Fan IF  
 A: 21.00 B: 80.00 C: 40.00 mm

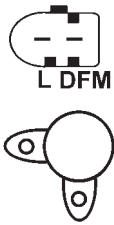


**112229** Alternator 14 V, 70 Amp  
 Replacing: SG7S025, 2542689C, 2542689A, 2542689  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 183.00,  
 Pulley SP, Fan IF  
 A: 51.00 B: 33.50 C: 57.50 mm

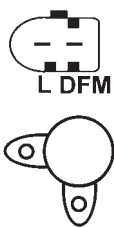


**112230** Alternator 14 V, 80 Amp  
 Replacing: A13VI87, A13VI49, 2541740B, 2541740, 2541461B, 2541461  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 42.00 B: 27.20 C: 66.50 mm





**112273** Alternator 14 V, 70 Amp  
 Replacing: SG8B018, A11VI95, 2542281C, 2542281, 2541997  
 Servicing: Seat, Skoda, VW  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 41.00 B: 14.00 C: 60.80 mm



**112274** Alternator 14 V, 90 Amp  
 Replacing: SG9B024, A13VI223, 2542282C, 2542282, 2541998  
 Servicing: Seat, Skoda, VW  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 39.50 B: 14.10 C: 61.40 mm



**112287** Alternator 14 V, 70 Amp  
 Replacing: A11VI45, 2541725H, 2541725B, 2541725A, 2541725  
 Servicing: Citroen, Peugeot, Rover  
 Grooves 5, Total length 173.00,  
 Pulley SP, Fan IF  
 A: 52.10 B: 26.00 C: 56.00 mm



**112292** Alternator 14 V, 70 Amp  
 Replacing: A11VI72, A11VI51, A11VI40, A11VI25, 2541854A, 2541854, 2541735, 2541710B, 2541710, 2541459  
 Servicing: Citroen, Fiat, Peugeot, Suzuki  
 Grooves 6, Total length 173.00,  
 Pulley SP, Fan IF  
 A: 42.00 B: 27.20 C: 65.00 mm



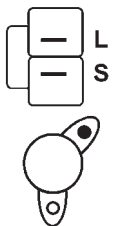
**112298** Alternator 14 V, 80 Amp  
 Replacing: SG9B077, A13VI81, A13VI280, A13VI189, 2542880A, 2542880, 2542417, 2541950B, 2541950, 2541703B  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 179.00,  
 Pulley SP, Fan IF  
 A: 42.00 B: 26.10 C: 66.70 mm



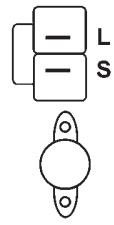
**112299** Alternator 14 V, 95 Amp  
 Replacing: A13VI71, A13VI281, A13VI191, 2542418A, 2542418, 2541951C, 2541951A, 2541951, 2541665C, 2541665B  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 182.00,  
 Pulley SP, Fan IF  
 A: 43.00 B: 27.30 C: 67.70 mm



**112327** Alternator 14 V, 100 Amp  
 Replacing: AB195126, A0002655009  
 Servicing: Hyundai, Kia, Mitsubishi, Volvo  
 Grooves 4, Total length 179.00,  
 Pulley SP, Fan IF  
 A: 38.45 B: 13.00 C: 66.50 mm



**112333** Alternator 14 V, 110 Amp  
 Replacing: TA000A57301, AF111364  
 Servicing: Hyundai  
 Grooves 2, Total length 233.00,  
 Pulley DP, Fan IF  
 A: 42.20 B: 13.00 C: 55.00 mm



**112334** Alternator 14 V, 75 Amp  
 Replacing: AF185452  
 Servicing: Kia  
 Grooves 5, Total length 234.50,  
 Pulley SP, Fan IF  
 A: 46.00 B: 13.00 C: 80.00 mm



**112396** Alternator 14 V, 90 Amp  
 Manufacturer: Valeo  
 Replacing: SG9B042, SG9B017, 2542507, 2542239B, 2542239  
 Servicing: Audi, VW  
 Grooves 5, Total length 174.00,  
 Pulley SP/FW, Fan IF  
 A: 30.00 B: 14.00 C: 60.85 mm

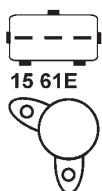


**112397** Alternator 14 V, 120 Amp  
 Replacing: SG12B049, SG12B012, 2542508F, 2542508E, 2542508D, 2542508C, 2542508A, 2542508, 2542234A, 2542234  
 Servicing: Audi, Skoda, VW  
 Grooves 5, Total length 188.00,  
 Pulley SP/FW, Fan IF  
 A: 29.85 B: 14.10 C: 61.00 mm



**112399** Alternator 14 V, 90 Amp  
 Manufacturer: Valeo  
 Replacing: SG9B027, SG9B011, SG9B010, 2542225B, 2542225A, 2542225  
 Servicing: Audi, Skoda, VW  
 Grooves 5, Total length 163.50,  
 Pulley SP, Fan IF  
 A: 34.65 B: 14.00 C: 82.50 mm





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**112413** 5★ Alternator 14 V, 90 Amp

Manufacturer: Valeo

Replacing: A13VI286, A13VI190, 2542515A, 2542515, 2541961A, 2541961

Servicing: BMW

 Grooves 6, Total length 206.00,  
Pulley SP, Fan IF

A: 47.00 B: 20.00 C: 74.00 mm


**112458** Alternator 14 V, 120 Amp

Replacing: SG10B019, SG10B010, A13VI289, A13VI285, A13VI252, 2542551A, 2542551, 2542495A, 2542495, 2542466D

Servicing: Renault

 Terminal W, Total length 174.00,  
Pulley w/o, Fan IF

Freewheel Pulley: HC-CARGO 230522.

B: 27.50 C: 66.50 mm


**112460** Alternator 14 V, 150 Amp

Replacing: TG15C115, SG15S021, SG15S016, A14VI42, A14VI27, 2543492A, 2543492, 2542684A, 2542681A, 2542681

Servicing: Citroen, Fiat, Peugeot

 Grooves 6, Total length 177.00,  
Pulley SP, Fan IF

A: 43.60 B: 22.00 C: 45.60 mm

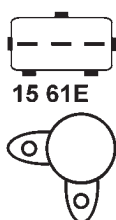

**112461** Alternator 14 V, 150 Amp

Replacing: TG15C116, SG15S022, SG15S018, A14VI41, A14VI35, 2543493, 2542684, 2542564A, 2542564, 2542500A

Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot, Suzuki

 Grooves 6, Total length 188.00,  
Pulley SP/FW, Fan IF

A: 42.50 B: 22.00 C: 45.00 mm



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**112462** Alternator 14 V, 120 Amp

Replacing: A14VI28, 2542251B, 2542251A, 2542251

Servicing: BMW, Land Rover, MG, Rover

 Grooves 5, Total length 190.50,  
Pulley SP, Fan IF

A: 60.00 B: 27.85 C: 75.00 mm

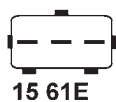

**112467** Alternator 14 V, 90 Amp

Replacing: A13VI273, A13VI142, 2542375, 2541863

Servicing: Citroen, Peugeot

 Grooves 5, Total length 173.00,  
Pulley SP, Fan IF

A: 55.00 B: 26.60 C: 56.70 mm



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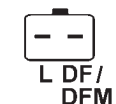

**112468** Alternator 14 V, 150 Amp

Replacing: SG15S030, A14VI53, A14VI52, A14VI29, A14S055, A14S054, 2542826A, 2542826, 2542824A, 2542824

Servicing: BMW, Opel, Vauxhall

 Grooves 5, Total length 190.00,  
Pulley SP, Fan IF

A: 60.70 B: 27.80 C: 75.00 mm


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DFM

**112469** Alternator 14 V, 90 Amp

Replacing: TG9B051, TG9B028, SG10B022, A13VI277, A13VI242, 2543215A, 2543215, 2542490A, 2542490, 2542397B

Servicing: Citroen, Fiat, Peugeot, Toyota

 Grooves 6, Total length 180.00,  
Pulley SP, Fan IF

A: 42.50 B: 22.20 C: 45.60 mm



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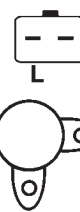

**112470** Alternator 14 V, 110 Amp

Replacing: A13VI253, 2542327B, 2542327

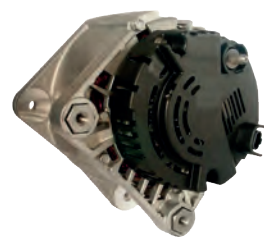
Servicing: Renault

 Terminal W, Grooves 6,  
Total length 181.50, Pulley SP, Fan IF

A: 47.00 B: 27.50 C: 66.50 mm



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**112471** Alternator 14 V, 125 Amp

Replacing: SG12B123, SG12B110, SG12B096, SG12B071, SG12B017, 2543639, 2543558A, 2543558, 2543384A, 2543384

Servicing: Mitsubishi, Nissan, Opel, Renault, Vauxhall, Volvo

 Grooves 6, Total length 179.00,  
Pulley SP/FW, Fan IF

A: 32.50 B: 13.50 C: 60.90 mm



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**112472** Alternator 14 V, 100 Amp

Replacing: SG12B080, A13VI234, 2542797B, 2542797A, 2542797, 2542265B, 2542265A, 2542265

Servicing: BMW, Land Rover, MG, Rover

 Grooves 5, Total length 185.00,  
Pulley SP, Fan IF

A: 61.00 B: 28.00 C: 75.40 mm



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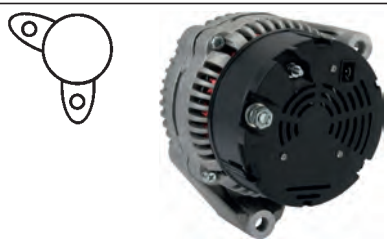

**112480** Alternator 14 V, 90 Amp

Replacing: SG10B021, A13VI204, 2542489A, 2542489, 2541971B, 2541971

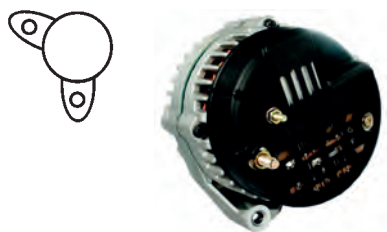
Servicing: Citroen, Fiat, Lancia, Peugeot

 Grooves 6, Total length 174.00,  
Pulley SP, Fan IF

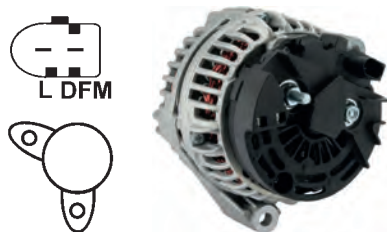
A: 44.00 B: 22.00 C: 46.00 mm



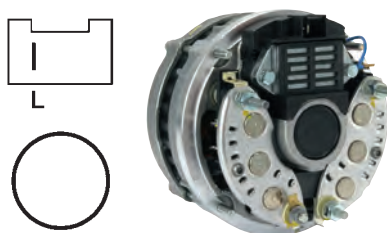
**112529** Alternator 14 V, 90 Amp  
 Replacing: A13VI99, A13VI197, A13VI175, A13VI134, 2541959, 2541919B, 2541919, 2541838A, 2541838, 2541775B  
 Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong  
 Terminal W, Grooves 6, Total length 200.00, Pulley SP, Fan IF  
 A: 92.00 B: 56.10 mm



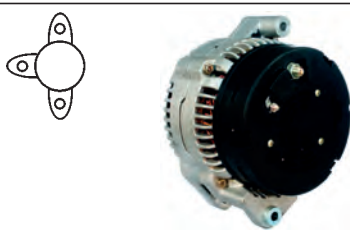
**112530** Alternator 14 V, 120 Amp  
 Replacing: TA000A33001  
 Servicing: Daewoo, Mercedes-Benz, Ssangyong  
 Grooves 6, Total length 201.00, Pulley SP, Fan IF  
 A: 92.50 B: 56.10 mm



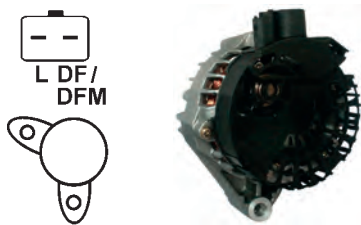
**112535** Alternator 14 V, 120 Amp  
 Replacing: SG12B027, 2542345C, 2542345  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 192.90, Pulley SP, Fan IF  
 A: 91.95 B: 56.00 mm



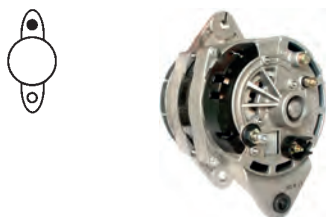
**112548** Alternator 14 V, 60 Amp  
 Manufacturer: Valeo  
 Replacing: A13N271  
 Servicing: KHD  
 Terminal W, Total length 174.00, Pulley w/o, Fan w/o



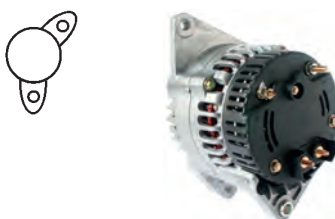
**112557** Alternator 14 V, 120 Amp  
 Replacing: A13VI152, A13VI151, A13VI118, 2541880C, 2541880B, 2541880, 2541879B, 2541879A, 2541879, 2541809A  
 Servicing: Renault, Volvo  
 Grooves 6, Total length 180.00, Pulley SP, Fan IF  
 A: 47.80 B: 21.00 C: 55.50 mm



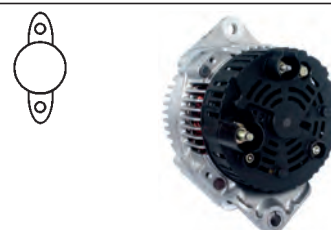
**112648** Alternator 14 V, 70 Amp  
 Manufacturer: Marelli  
 Replacing: A11VI108, A11VI102, 2542398B, 2542398, 2542305  
 Servicing: Citroen, Peugeot  
 Grooves 5, Total length 173.00, Pulley SP, Fan IF  
 A: 75.00 B: 56.00 mm



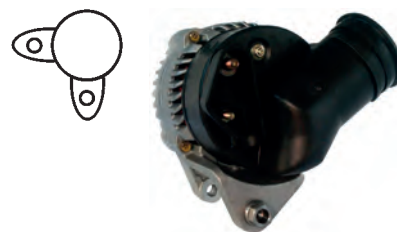
**112657** Alternator 28 V, 60 Amp  
 Replacing: 390086, 21EA00040  
 Servicing: Various Industrial applications  
 Grooves 8, Total length 206.00, Pulley SP, Fan EF  
*One wire hookup(self-exciting) type.*  
 A: 42.75 B: 14.85 C: 101.00 mm



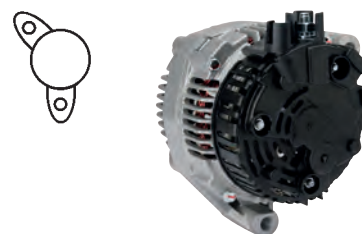
**112679** Alternator 14 V, 110 Amp  
 Replacing: A13VI57, A13VI210, A13VI167, A13VI164, A13VI153, 2541982C, 2541982A, 2541982, 2541906B, 2541906A  
 Servicing: Renault, Volvo  
 Terminal W, Grooves 6, Total length 190.00, Pulley SP, Fan IF  
 A: 46.50 B: 27.70 C: 66.30 mm



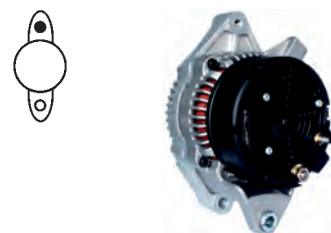
**112681** Alternator 14 V, 80 Amp  
 Replacing: A13VI72, 2541678C, 2541678B, 2541678  
 Servicing: Citroen, Fiat  
 Grooves 6, Total length 190.00, Pulley SP, Fan IF  
 A: 52.00 B: 27.00 C: 69.00 mm



**112687** Alternator 14 V, 80 Amp  
 Replacing: A13VI54, 2541494A, 2541494  
 Servicing: BMW  
 Grooves 6, Total length 236.00, Pulley SP, Fan IF  
 A: 69.00 B: 28.00 C: 76.50 mm



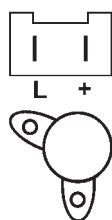
**112688** Alternator 14 V, 95 Amp  
 Replacing: A13VI94, A13VI274, A13VI261, A13VI258, A13VI231, 2542376A, 2542376, 2542358A, 2542358, 2542352  
 Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot  
 Grooves 6, Total length 175.00, Pulley SP, Fan IF  
 A: 92.50 B: 55.80 mm



**112689**<sup>#</sup> Alternator 14 V, 55 Amp  
 Replacing: SG6S010, 2542350A, 2542350  
 Servicing: Opel, Vauxhall  
 Grooves 1, Total length 176.00, Pulley P, Fan IF  
 A: 53.00 B: 34.00 C: 59.00 mm



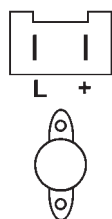
**112703** Alternator 14 V, 120 Amp  
 Replacing: A14VI13, 2541760B, 2541760  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 92.00 B: 56.00 mm



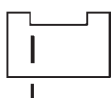
**112728** Alternator 14 V, 55 Amp  
 Replacing: A13N104, 2541465  
 Servicing: Renault  
 Grooves 1, Total length 176.00, Pulley P,  
 Fan EF  
 A: 102.00 B: 56.00 mm



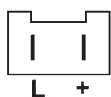
**112735** Alternator 14 V, 45 Amp  
 Manufacturer: Mahle Letrika  
 Replacing: 2940373A, 2940373, 2940310A,  
 2940310  
 Servicing: Audi, VW  
 Terminal W, Grooves 1,  
 Total length 186.00, Pulley P, Fan EF  
 A: 109.50 B: 56.30 mm



**112744** Alternator 14 V, 60 Amp  
 Replacing: A13N89, A13N124, A13N120,  
 2541466  
 Servicing: Renault, Volvo  
 Grooves 5, Total length 162.50,  
 Pulley SP, Fan EF  
 A: 45.00 B: 27.00 C: 66.00 mm



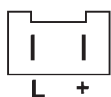
**112754** Alternator 14 V, 70 Amp  
 Replacing: A13N216, A13N176, A13N130,  
 2541364, 2541170, 2180675  
 Servicing: Citroen, Peugeot  
 Grooves 1, Total length 172.50, Pulley P,  
 Fan EF  
 A: 95.00 B: 56.00 mm



**112756** Alternator 14 V, 60 Amp  
 Replacing: A13N157, 2541257, 2541117  
 Servicing: Renault  
 Grooves 1, Total length 160.00, Pulley P,  
 Fan EF  
 A: 56.00 B: 27.00 C: 65.00 mm



**112763** Alternator 14 V, 55 Amp  
 Replacing: 2541645, 2541439, 2541221  
 Servicing: Seat, VW  
 Grooves 1, Total length 167.00, Pulley P,  
 Fan EF  
 A: 78.50 B: 56.00 mm



**112769** Alternator 14 V, 60 Amp  
 Replacing: A13N209, A13N206, A13N161,  
 2541328, 2541313  
 Servicing: Renault  
 Grooves 6, Total length 166.00,  
 Pulley SP, Fan EF  
 A: 46.50 B: 26.80 C: 70.00 mm



**112772** Alternator 14 V, 120 Amp  
 Manufacturer: Valeo  
 Replacing: A14VI31, A14VI30, A14VI10, 2542267,  
 2542262A, 2542262, 2541711C, 2541711B, 2541711  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 Grooves 6, Total length 175.50,  
 Pulley SP, Fan IF  
 A: 41.70 B: 26.70 C: 66.80 mm



**112782** Alternator 14 V, 80 Amp  
 Replacing: A13VI96, A13VI83, A13VI46,  
 A13VI27, 2541767C, 2541767A, 2541767,  
 2541724, 2541447A, 2541447  
 Servicing: Citroen, Peugeot  
 Grooves 5, Total length 179.00,  
 Pulley SP, Fan IF  
 A: 75.00 B: 56.00 mm



**112800** Alternator 14 V, 95 Amp  
 Replacing: A13VI18, 2541321H, 2541321F,  
 2541321E, 2541321  
 Servicing: BMW  
 Grooves 5, Total length 182.00,  
 Pulley SP, Fan IF  
 A: 77.50 B: 56.00 mm



**113245** Alternator 14 V, 125 Amp  
 Replacing: SG12B122, SG12B107, SG12B097,  
 SG12B072, SG12B068, SG12B030, 2543557B,  
 2543557A, 2543557, 2543386  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 Grooves 6, Total length 172.00,  
 Pulley SP, Fan IF  
 A: 33.00 B: 13.90 C: 60.70 mm





**113246** Alternator 14 V, 90 Amp

Replacing: TG9B065, TG9B025, SG9B067, SG9B064, SG8B022, SG10B023, A13VI283, A13VI282, 437223, 2607211A

Servicing: Citroen, Peugeot

Grooves 6, Total length 179.00, Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.40 mm



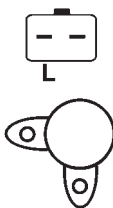
**113247** Alternator 14 V, 120 Amp

Replacing: SG12B040, 2542441D, 2542441C, 2542441A, 2542441

Servicing: Citroen, Fiat, Peugeot

Grooves 6, Total length 178.00, Pulley SP, Fan IF

A: 52.00 B: 27.00 C: 68.50 mm



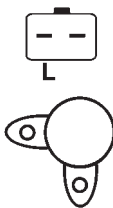
**113248** Alternator 14 V, 120 Amp

Replacing: SG12B116, SG12B108, SG12B095, SG12B050, 2543441A, 2543441, 2543387A, 2543387, 2543340A, 2543340

Servicing: Nissan, Opel, Renault, Vauxhall, Volvo

Grooves 5, Total length 190.00, Pulley SP/FW, Fan IF

A: 36.00 B: 14.00 C: 60.75 mm



**113249** Alternator 14 V, 125 Amp

Replacing: SG12B055, 2542573E, 2542573D, 2542573C, 2542573A, 2542573

Servicing: Renault

Grooves 6, Total length 193.00, Pulley SP/FW, Fan IF

A: 32.50 B: 13.80 C: 61.20 mm



**113250** Alternator 14 V, 70 Amp

Replacing: TG7S015, TG7S013, TG7S011, SG7S016, A11VI109, 2607209A, 2607209, 2543520A, 2543520, 2542921

Servicing: Citroen, Peugeot

Grooves 6, Total length 170.00, Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 45.50 mm



**113251** Alternator 14 V, 150 Amp

Replacing: SG15L026, SG15L012, 2542771D, 2542771B, 2542771, 2542524A, 2542524

Servicing: Mercedes-Benz

Grooves 5, Pulley SP/FW, Fan IF Water cooled.

A: 30.00 B: 151.50 C: 43.00 mm



**113252** Alternator 14 V, 140 Amp

Replacing: SG14B011, 2542496C, 2542496B, 2542496

Servicing: Audi, VW

Total length 180.00, Pulley w/o, Fan IF Freewheel Pulley: HC-CARGO 332295.

B: 14.00 C: 61.00 mm



**113253** Alternator 14 V, 90 Amp

Replacing: SG9B057, SG9B048, SG8B026, SG8B023, 2542747F, 2542747B, 2542747A, 2542747, 2542746E, 2542746B

Servicing: Seat, Skoda, VW

Grooves 6, Total length 169.50, Pulley SP, Fan IF

A: 29.40 B: 13.85 C: 60.75 mm



**113283** Alternator 14 V, 120 Amp

Replacing: SG12B018, 2542295A, 2542295

Servicing: Audi, Skoda, VW

Grooves 5, Total length 181.50, Pulley SP, Fan IF

A: 34.25 B: 14.00 C: 82.00 mm



**113300** Alternator 14 V, 120 Amp

Replacing: SG12B021, 2542317C, 2542317A, 2542317

Servicing: Mercedes-Benz

Grooves 6, Total length 193.00, Pulley SP, Fan IF

A: 92.00 B: 56.00 mm



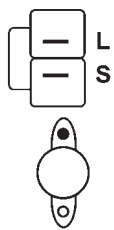
**113302** Alternator 14 V, 120 Amp

Replacing: SG12B060, SG12B023, 2542572A, 2542572, 2542319E, 2542319D, 2542319

Servicing: Chrysler, Mercedes-Benz

Grooves 6, Total length 184.50, Pulley SP, Fan IF

A: 82.00 B: 56.00 mm



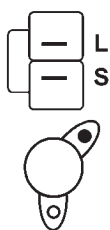
**113317** Alternator 14 V, 80 Amp

Replacing: A0002655221

Servicing: Nissan

Grooves 6, Total length 180.50, Pulley SP, Fan IF

A: 38.20 B: 13.00 C: 80.90 mm


**113330** Alternator 14 V, 75 Amp

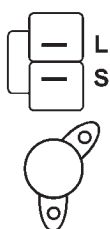
Replacing: TA000A57401, AF175476, AF175363

Servicing: Hyundai, Kia

Grooves 2, Total length 226.00,

Pulley DP, Fan IF

A: 42.00 B: 13.10 C: 55.00 mm


**113331** Alternator 14 V, 110 Amp

Replacing: TA000A61201, TA000A56901, AF111390, AF111225, 2655721

Servicing: Hyundai, Kia

Grooves 5, Total length 239.50,

Pulley SP/FW, Fan IF

A: 46.50 B: 13.00 C: 80.80 mm


**113340** Alternator 14 V, 70 Amp

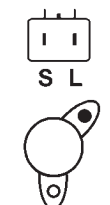
Replacing: SG8B027, 2542244

Servicing: Audi, Seat, Skoda, VW

Grooves 6, Total length 192.50,

Pulley SP/FW, Fan IF

A: 39.00 B: 14.00 C: 62.00 mm


**113343** Alternator 14 V, 65 Amp

Replacing: TA000A58201, AD165471, AD165454, AD165444, AD165440, AD165439, AD165206

Servicing: Hyundai

Grooves 1, Total length 224.00, Pulley P, Fan EF

A: 44.50 B: 13.00 C: 54.70 mm


**113349** Alternator 14 V, 85 Amp

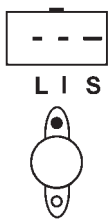
Replacing: 219202, 219138

Servicing: Daewoo

Grooves 6, Total length 183.50,

Pulley SP, Fan IF

A: 36.00 B: 13.00 C: 81.50 mm


**113350** Alternator 14 V, 85 Amp

Replacing: 219139

Servicing: Chevrolet, Daewoo

Grooves 5, Total length 179.00,

Pulley SP, Fan IF

A: 36.00 B: 13.20 C: 81.30 mm


**113382** Alternator 14 V, 60 Amp

Manufacturer: Valeo

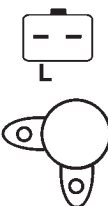
Replacing: A13N285M, A13N285

Servicing: Volvo Penta

Terminal W, Total length 173.00,

Pulley w/o, Fan EF

B: 50.50 mm


**113403** Alternator 14 V, 75 Amp

Replacing: SG7S070, SG7S012, A11VI110, 2543550A, 2543550, 2542540D, 2542540C, 2542540, 2542464A, 2542464

Servicing: Nissan, Renault

Grooves 3, Total length 160.00,

Pulley SP, Fan IF

A: 53.50 B: 27.00 C: 66.50 mm


**113404** Alternator 14 V, 90 Amp

Manufacturer: Valeo

Replacing: A13VI288, A13VI279, A13VI278, A13VI256, A13VI246, 2542525A, 2542525, 2542400, 2542399B, 2542399

Servicing: Citroen, Peugeot

Grooves 5, Pulley SP, Fan IF

A: 75.00 B: 56.30 mm


**113405** Alternator 14 V, 70 Amp

Replacing: TG9B043, TG7S014, TG7S010, SG7S015, A11VI99, A11VI106, 2607208A, 2607208, 2543521A, 2543521

Servicing: Citroen, Peugeot

Terminal DF, Grooves 6,

Total length 160.00, Pulley SP, Fan IF

A: 42.50 B: 22.00 C: 45.50 mm


**113406** Alternator 14 V, 90 Amp

Replacing: A13VI241, 2542294A, 2542294

Servicing: VW

Terminal W, Grooves 6,

Total length 186.00, Pulley SP, Fan IF

A: 39.00 B: 13.70 C: 60.75 mm


**113407** Alternator 14 V, 150 Amp

Replacing: A14VI47, A14VI46, A14VI45, A14VI34, 2542605C, 2542605, 2542602C, 2542602A, 2542602, 2542538C

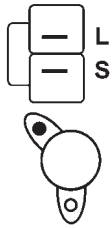
Servicing: BMW

Grooves 5, Total length 192.00,

Pulley SP, Fan IF

A: 61.00 B: 27.90 C: 75.10 mm





**113439#** Alternator 14 V, 90 Amp  
 Replacing: 2541741B, 2541741  
 Servicing: Nissan  
 Grooves 6, Total length 181.00,  
 Pulley SP, Fan IF  
 A: 38.30 B: 25.00 C: 81.00 mm



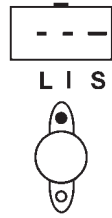
**113471** Alternator 14 V, 65 Amp  
 Replacing: A13E63  
 Servicing: Fiat, Lancia  
 Grooves 4, Total length 171.00,  
 Pulley SP, Fan EF  
 A: 54.40 B: 32.00 mm



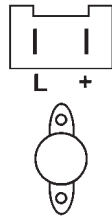
**113477** Alternator 28 V, 55 Amp  
 Replacing: A14N81M, A14N47M, A14N137M,  
 A14N119M, A14N112M, A14N100M, A14N100,  
 2541168, 2181991C, 2181991  
 Servicing: DAF, Volvo, Volvo BM, Volvo Penta  
 Terminal W, Total length 184.00,  
 Pulley w/o, Fan EF, Insulated return  
 B: 50.80 mm



**113485** Alternator 14 V, 80 Amp  
 Replacing: A13VI95, A13VI260, A13VI230,  
 2542357, 2542253, 2541759  
 Servicing: Citroen, Fiat, Lancia, Peugeot,  
 Suzuki  
 Grooves 6, Total length 166.00,  
 Pulley SP, Fan IF  
 A: 92.00 B: 56.00 mm



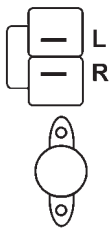
**113498** Alternator 14 V, 80 Amp  
 Replacing: 219199, 219137  
 Servicing: Chevrolet, Daewoo, Lancia  
 Grooves 6, Total length 166.00,  
 Pulley SP, Fan IF  
 A: 50.65 B: 33.65 C: 58.60 mm



**113500** Alternator 14 V, 70 Amp  
 Replacing: A13N164, A13N163, 2541124  
 Servicing: Renault  
 Terminal W, Grooves 6,  
 Total length 165.00, Pulley SP, Fan EF  
 A: 46.50 B: 27.00 C: 65.60 mm



**113503** Alternator 14 V, 120 Amp  
 Replacing: SG12S055, 2542547  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 177.00,  
 Pulley SP, Fan IF  
 A: 43.00 B: 22.20 C: 45.00 mm



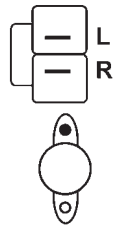
**113506** Alternator 28 V, 40 Amp  
 Replacing: TA000A64401  
 Servicing: Mitsubishi  
 Terminal W, Grooves 2,  
 Total length 185.00, Pulley DP, Fan EF  
 A: 43.00 B: 13.10 C: 81.60 mm



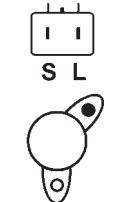
**113510** Alternator 14 V, 140 Amp  
 Replacing: TG15C043, TG15C011, SG14B013,  
 SG14B012, A14VI36, 2542587B, 2542587,  
 2542497C, 2542497B, 2542497A  
 Servicing: Audi, Skoda, VW  
 Grooves 6, Total length 181.00,  
 Pulley SP, Fan IF  
 A: 30.00 B: 14.10 C: 82.00 mm



**113517** Alternator 14 V, 110 Amp  
 Replacing: TA000A44301, AB195141  
 Servicing: Hyundai  
 Grooves 4, Total length 176.50,  
 Pulley SP, Fan IF  
 A: 38.25 B: 13.00 C: 66.50 mm

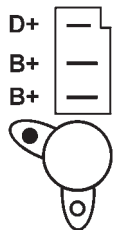


**113518** Alternator 14 V, 60 Amp  
 Replacing: TA000A17301, AB160108  
 Servicing: Hyundai  
 Grooves 4, Total length 171.00,  
 Pulley SP, Fan IF  
 A: 38.00 B: 13.10 C: 48.30 mm



**113519** Alternator 14 V, 90 Amp  
 Replacing: TA000A58602, AF190217,  
 AF190216, AF175385, AF175362, AF175207  
 Servicing: Hyundai, Mitsubishi  
 Grooves 2, Total length 223.00,  
 Pulley DP, Fan IF  
 A: 42.00 B: 13.00 C: 54.90 mm




**113574** Alternator 14 V, 65 Amp

Replacing: NA066

Servicing: Case, New Holland, Valtra

Terminal W, Grooves 1,

Total length 177.50, Pulley P, Fan EF

A: 36.85 B: 10.40 C: 83.00 mm


**113575** Alternator 14 V, 80 Amp

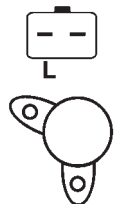
Replacing: TG9B064, TG9B045, TG9B024, SG9B066, SG9B065, SG9B063, SG9B043, SG8B021, SG09B063, A13VI276

Servicing: Citroen, Fiat, Peugeot

Grooves 6, Total length 162.00,

Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 45.00 mm


**113577** Alternator 14 V, 75 Amp

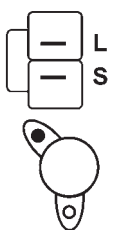
Replacing: SG7S074, SG7S028, A11VI98, A11VI111, 2542480A, 2542480, 2542252A, 2542252

Servicing: Renault

Grooves 4, Total length 169.00,

Pulley SP, Fan IF

A: 46.15 B: 27.00 C: 64.70 mm


**113600** Alternator 14 V, 90 Amp

Replacing: TA000A48402, TA000A48401

Servicing: Bobcat

Grooves 1, Total length 173.00, Pulley P, Fan IF

A: 37.50 B: 13.00 C: 57.70 mm


**113603** Alternator 14 V, 80 Amp

Replacing: SG8B020, A13VI203, 2542486A, 2542486, 2541970A, 2541970

Servicing: Citroen, Fiat, Peugeot

Grooves 6, Total length 172.00,

Pulley SP, Fan IF

A: 42.00 B: 22.00 C: 46.00 mm


**113604** Alternator 14 V, 95 Amp

Replacing: A13VI263, A13VI233, A13VI101, 2542356A, 2542356, 2542256, 2541784B, 2541784A, 2541784

Servicing: Citroen, Fiat, Lancia, Peugeot

Grooves 6, Total length 175.50,

Pulley SP, Fan IF

A: 92.70 B: 56.00 mm

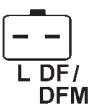

**113633** Alternator 14 V, 55 Amp

Replacing: M39590, A000B0341

Servicing: Various

Grooves 1, Total length 168.00, Pulley P, Fan EF

A: 56.00 B: 27.40 mm


**113640** Alternator 14 V, 150 Amp

Replacing: TG15C118, TG15C053, TG15C028, TG15C020, TC15C020, SG15S024, A14VI49, A14VI48, 2543526A, 2543526

Servicing: Citroen, Fiat, Lancia, Peugeot

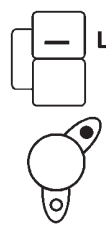
Grooves 6, Total length 177.50,

Pulley SP/FW, Fan IF

As HC-CARGO 116067, but w/ pulley.

Alternative no.: 116067

A: 42.50 B: 21.20 C: 45.80 mm


**113652** Alternator 14 V, 110 Amp

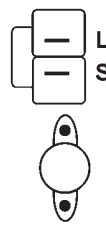
Replacing: TA000A34501, AB195133, AB195116, AB1950133, AB1950116, A0002655516, A000265516, 2655516

Servicing: Hyundai, Kia

Grooves 6, Total length 184.50,

Pulley SP, Fan IF

A: 43.30 B: 23.15 C: 44.40 mm


**113656** Alternator 14 V, 80 Amp

Replacing: AB180140

Servicing: Kia

Grooves 4, Total length 154.00,

Pulley SP, Fan IF

A: 37.50 B: 13.20 C: 66.90 mm


**113657** Alternator 14 V, 90 Amp

Replacing: AB190147, A0002655023, 2608371, 2455023

Servicing: Hyundai, Kia

Grooves 4, Total length 174.00,

Pulley SP, Fan IF

A: 34.60 B: 13.10 C: 55.20 mm


**113720** Alternator 14 V, 75 Amp

Manufacturer: Valeo

Replacing: TG8S023, TG8S022, TG8S016, TG8S014, TG8S013, TG8S012, 2606333A, 2606333, 2543481, 2543480A, 2543480

Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall

Grooves 6, Total length 184.00,

Pulley SP/FW, Fan IF

Alternative no.: 116064

A: 41.50 B: 64.00 C: 55.00 mm



**113721** Alternator 14 V, 75 Amp  
 Manufacturer: Valeo  
 Replacing: TG8S021, TG8S010, 2543484A, 2543484, 2542671B, 2542671A, 2542671  
 Servicing: Fiat, Lancia  
 Grooves 6, Total length 174.00,  
 Pulley SP, Fan IF  
 A: 41.00 B: 64.40 C: 55.00 mm



**113722** Alternator 14 V, 90 Amp  
 Manufacturer: Valeo  
 Replacing: TG9S036, TG9S022, TG9S021, TG9S016, TG9S015, TG9S010, 2606334, 2543477A, 2543477, 2542884C  
 Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki, Vauxhall  
 Grooves 6, Total length 187.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 115963  
 A: 40.20 B: 64.15 C: 56.00 mm



**113751** Alternator 14 V, 120 Amp  
 Replacing: SG12B054, SG12B025, SG12B011, 2542546B, 2542546, 2542324D, 2542324A, 2542324, 2542233C, 2542233A  
 Servicing: Audi, VW  
 Grooves 6, Total length 165.0, Pulley SP, Fan IF  
 A: 30.00 B: 14.00 C: 82.00 mm

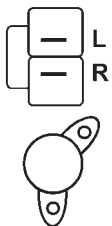


**113755** Alternator 14 V, 150 Amp  
 Replacing: TG15C119, TG15C054, TG15C022, SG15S017, A14VI40, 2543527, 2542925A, 2542925, 2542704A, 2542704  
 Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki, Toyota  
 Grooves 6, Total length 175.00,  
 Pulley SP, Fan IF  
 A: 43.00 B: 21.00 C: 45.10 mm

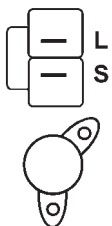


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**113782** Alternator 14 V, 110 Amp  
 Replacing: MN158384  
 Servicing: Mitsubishi  
 Grooves 6, Total length 162.00,  
 Pulley SP, Fan IF  
 A: 38.00 B: 13.00 C: 53.50 mm



**113791** Alternator 14 V, 70 Amp  
 Replacing: TA000A55601, 2655517  
 Servicing: Hyundai, Kia  
 Grooves 4, Total length 169.00,  
 Pulley SP, Fan IF  
 A: 38.50 B: 13.00 C: 48.00 mm



**113792** Alternator 14 V, 110 Amp  
 Replacing: TA000A62401, TA000A48201, AF111393, AF111382  
 Servicing: Hyundai, Kia  
 Grooves 7, Total length 238.00,  
 Pulley SP/FW, Fan IF  
 A: 43.00 B: 16.00 C: 55.00 mm



**113835** Alternator 14 V, 120 Amp  
 Replacing: SG12B024, 2542320C, 2542320B, 2542320A, 2542320  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 181.00,  
 Pulley SP, Fan IF  
 A: 82.40 B: 56.00 mm



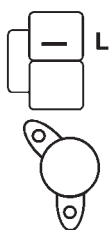
**113858** Alternator 14 V, 150 Amp  
 Manufacturer: Bosch  
 Replacing: TG15C098, TG15C018, 2543413A, 2543413, 2543292, 2542685C, 2542685B, 2542685  
 Servicing: BMW  
 Grooves 6, Total length 193.00,  
 Pulley SP, Fan IF  
 Alternative no.: 115976  
 A: 69.00 B: 28.00 C: 77.00 mm



**113861** Alternator 14 V, 110 Amp  
 Manufacturer: Valeo  
 Replacing: TG11C048, 2543291C, 2543291  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 187.50,  
 Pulley SP/FW, Fan IF  
 A: 29.20 B: 14.30 C: 60.50 mm



**113862** Alternator 14 V, 125 Amp  
 Manufacturer: Valeo  
 Replacing: TG12C094, SG12B105, SG12B089, 2607395A, 2607395, 2543378C, 2543378, 2542946  
 Servicing: Dacia, Nissan, Renault  
 Grooves 6, Total length 188.60,  
 Pulley SP/FW, Fan IF  
 A: 38.35 B: 14.00 C: 61.00 mm



**113863** Alternator 14 V, 90 Amp  
 Replacing: A0002655103, 2655103, 2606219  
 Servicing: Hyundai, Kia  
 Grooves 5, Total length 191.50,  
 Pulley SP/FW, Fan IF

A: 32.50 B: 13.20 C: 51.00 mm



**113868** 5★ Alternator 14 V, 95 Amp  
 Manufacturer: Valeo

Replacing: A13VI97, 2541770A, 2541770  
 Servicing: BMW

Grooves 5, Pulley SP, Fan IF

A: 77.50 B: 56.00 mm



**113871** 5★ Alternator 14 V, 150 Amp  
 Manufacturer: Bosch

Replacing: SG14B017, SG12B065, 2542753B,  
 2542753A, 2542753, 2542609A, 2542609

Servicing: BMW

Grooves 6, Total length 193.50,

Pulley SP/FW, Fan IF

Alternative no.: 115867

A: 29.60 B: 62.85 C: 41.65 mm



**113874** 5★ Alternator 14 V, 110 Amp  
 Manufacturer: Bosch

Replacing: TG11C014, 2542696C, 2542696

Servicing: Seat, Skoda, VW

Grooves 6, Total length 187.00,

Pulley SP, Fan IF

A: 39.30 B: 14.15 C: 61.15 mm



**113877** 5★ Alternator 14 V, 120 Amp  
 Manufacturer: Bosch

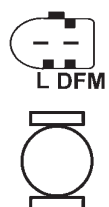
Replacing: SG12B062, 2542582B, 2542582A,  
 2542582

Servicing: Mercedes-Benz

Grooves 7, Total length 197.50,

Pulley SP/FW, Fan IF

A: 30.50 B: 69.90 C: 56.55 mm



**113878** 5★ Alternator 14 V, 120 Amp  
 Manufacturer: Bosch

Replacing: SG12B075, SG12B047, 2542738B,  
 2542738A, 2542738, 2542509C, 2542509

Servicing: Audi, BMW

Grooves 6, Total length 191.00,

Pulley SP/FW, Fan IF

A: 28.00 B: 70.00 C: 56.00 mm



**113879** 5★ Alternator 14 V, 100 Amp  
 Manufacturer: Bosch

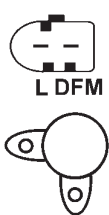
Replacing: SG7S020, 2542545A, 2542545

Servicing: Opel, Vauxhall

Grooves 6, Total length 170.50,

Pulley SP, Fan IF

A: 50.50 B: 33.50 C: 57.00 mm



**113881** Alternator 14 V, 150 Amp  
 Replacing: TG15C064, TG15C038, TG15C012,  
 2543236B, 2543236A, 2543236, 2542852A,  
 2542852, 2542672B, 2542672

Servicing: BMW, Land Rover

Grooves 6, Total length 185.25,

Pulley SP, Fan IF

A: 60.65 B: 27.95 C: 76.00 mm



**113882** Alternator 14 V, 120 Amp

Replacing: SG12B074, SG12B010, 2574347,  
 2542680C, 2542680, 2542232D, 2542232A,  
 2542232

Servicing: Audi, VW

Grooves 5, Total length 181.50,

Pulley SP/FW, Fan IF

A: 34.40 B: 14.00 C: 82.60 mm



**113887** Alternator 14 V, 90 Amp

Replacing: SG9B055, SG9B018, 2542650A,  
 2542650, 2542260A, 2542260

Servicing: Audi, Skoda, VW

Grooves 6, Pulley SP, Fan IF

A: 40.00 B: 14.00 C: 61.00 mm



**113896** 5★ Alternator 14 V, 170 Amp  
 Manufacturer: Valeo

Replacing: TG17C048, TG17C011,  
 TG17C010B, TG17C010, 2543304A, 2543304,  
 2542613C, 2542613, 2542611B, 2542611A

Servicing: BMW

Grooves 6, Total length 185.50,

Pulley SP, Fan IF

A: 60.50 B: 27.90 C: 75.90 mm



**113919** Alternator 14 V, 125 Amp

Replacing: SG12B109, SG12B098, SG12B081,  
 SG12B052, 2543385, 2543337A, 2543337,  
 2542817B, 2542817, 2542554D

Servicing: Nissan, Renault

Grooves 7, Total length 175.00,

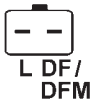
Pulley SP, Fan IF

A: 32.50 B: 14.20 C: 60.70 mm

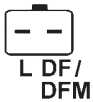




**113920** Alternator 28 V, 35 Amp  
 Replacing: A13N236M, A13N236, A13N23, 2541476  
 Servicing: MAN, Mercedes-Benz, Padane  
 Terminal W, Total length 176.00,  
 Pulley w/o, Fan w/o  
 B: 80.40 mm



**113940** Alternator 14 V, 110 Amp  
 Manufacturer: Valeo  
 Replacing: TG11C064, TG11C062, TG11C034,  
 TG11C011, 2543562A, 2543562, 2543560,  
 2542945B, 2542945, 2542664D  
 Servicing: Dacia, Nissan, Renault  
 Total length 174.00, Pulley w/o, Fan IF  
 Alternative no.: 116048  
 B: 14.00 C: 60.00 mm



**113946** Alternator 14 V, 90 Amp  
 Replacing: TG9B066, TG9B044, TG9B026,  
 TG10B024, TG10B013, SG10B048, 2607212,  
 2543524A, 2543524, 2543522A  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 150.40,  
 Pulley SP/FW, Fan IF  
 A: 42.50 B: 21.70 C: 45.90 mm



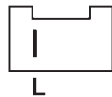
**113948** Alternator 14 V, 150 Amp  
 Replacing: TG15C023, SG15S031, 2542839A,  
 2542839, 2542705A, 2542705  
 Servicing: Citroen, Peugeot  
 Grooves 6, Total length 170.00,  
 Pulley SP, Fan IF  
 A: 42.00 B: 21.50 C: 45.40 mm



**113950** Alternator 14 V, 90 Amp  
 Replacing: SG9B054, 2542708B, 2542708A,  
 2542708  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 179.00,  
 Pulley SP, Fan IF  
 A: 52.50 B: 26.40 C: 66.90 mm



**113961** Alternator 14 V, 120 Amp  
 Replacing: A13VI243, 2542300A, 2542300  
 Servicing: Massey Ferguson  
 Terminal W, Grooves 2,  
 Total length 188.00, Pulley DP, Fan IF  
 A: 29.00 B: 14.30 C: 83.00 mm



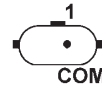
**113991** Alternator 14 V, 80 Amp  
 Replacing: A13N273  
 Servicing: KHD  
 Terminal W, Pulley w/o



**113992** Alternator 14 V, 140 Amp  
 Replacing: TG14C026, TG14C016, TG14C015,  
 TG14C011, 2607703A, 2543282, 2542898,  
 2542695G, 2542695F, 2542695D  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 178.00,  
 Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.60 C: 61.30 mm



**114026** Alternator 14 V, 80 Amp  
 Replacing: A13VI85, A13VI31, 2541738C,  
 2541738B, 2541738, 2541360  
 Servicing: Citroen, Peugeot  
 Grooves 6, Pulley SP, Fan IF  
 A: 42.00 B: 27.00 C: 66.50 mm



**114039** Alternator 14 V, 120 Amp  
 Manufacturer: Valeo  
 Replacing: SG12B124, SG12B092, 2543559A,  
 2543559, 2543205A, 2543205  
 Servicing: Renault  
 Grooves 7, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 33.00 B: 13.70 C: 60.27 mm



**114042** Alternator 14 V, 180 Amp  
 Manufacturer: Valeo  
 Replacing: TG17C030B, TG17C030,  
 TG17C028, FG18S056, 2608993A, 2608993,  
 2543289A, 2543289, 2542989A, 2542989  
 Servicing: Jeep, Mercedes-Benz  
 Grooves 7, Total length 187.00,  
 Pulley SP/FW, Fan IF  
 Can also be supplied w/ 1 plug (PLUG125).  
 Alternative no.: 116113  
 A: 31.00 B: 70.00 mm



**114044** Starter/Alternator 14 V, 150 A  
 Manufacturer: Valeo  
 Replacing: ST35C010, 2603260B, 2603260  
 Servicing: Citroen  
 Grooves 6, Total length 179.00,  
 Pulley SP, Fan IF  
 OE Valeo.  
 A: 42.50 B: 22.00 C: 45.90 mm



F1 F2


**114045** 5★ Starter/Alternator 14 V, 120 A

Replacing: ST35C017, ST35C016, ST35C013, 2606924

Servicing: Smart (MCC)

Grooves 6, Total length 179.00,

Pulley SP, Fan IF

OE Valeo.

A: 42.50 B: 29.20 C: 46.80 mm



F1 F2


**114046** 5★ Alternator 14 V, 130 Amp

Manufacturer: Valeo

Replacing: ST35C015, 2605928F, 2605928A, 2605928

Servicing: Mercedes-Benz

Grooves 6, Total length 183.00,

Pulley SP, Fan IF

OE Valeo.

A: 30.40 B: 60.00 mm


**114067** Alternator 14 V, 140 Amp

Replacing: TG12C069

Servicing: Opel, Saab, Vauxhall

Grooves 6, Total length 193.00,

Pulley SP/FW, Fan IF

A: 64.50 B: 23.00 C: 56.50 mm


**114077** 5★ Alternator 28 V, 40 Amp

Manufacturer: Mahle Letrika

Replacing: A13N272, A13N257, A13N190

Servicing: KHD

Terminal W, Total length 163.00,

Pulley w/o

Dust proof.



L DFM


**114080** Alternator 14 V, 120 Amp

Replacing: SG12S073, 2542669A, 2542669

Servicing: Mini

Grooves 6, Total length 170.00,

Pulley SP, Fan IF

A: 19.50 B: 101.00 C: 43.00 mm



L DFM


**114082** 5★ Alternator 14 V, 180 Amp

Manufacturer: Valeo

Replacing: FG18S108, FG18S022, 2617194A, 2543538A, 2543538

Servicing: Citroen, Fiat, Iveco, Peugeot

Grooves 6, Total length 184.00,

Pulley SP/FW, Fan IF

Alternative no.: 116043

A: 38.00 B: 14.00 C: 81.00 mm



L


**114084** Alternator 14 V, 70 Amp

Replacing: A13N291, A13N260, 2541671

Servicing: Carrier Transicold

Grooves 1, Total length 174.00, Pulley P, Fan EF

A: 60.00 B: 40.00 mm



COM


**114102** 5★ Alternator 14 V, 180 Amp

Manufacturer: Valeo

Replacing: TG17C061, TG17C041, 2543498B, 2543498A, 2543498, 2543248A, 2543248

Servicing: Mercedes-Benz

Grooves 6, Total length 200.00,

Pulley SP/FW, Fan IF

Alternative no.: 116068

A: 30.00 B: 70.00 C: 56.00 mm



L DFM


**114109** Alternator 14 V, 180 Amp

Replacing: FG18T033, 2605717A, 2605717

Servicing: Audi, Seat, Skoda, VW

Grooves 6, Total length 190.00,

Pulley SP/FW, Fan IF

A: 39.00 B: 14.50 C: 60.60 mm



L IG/R


**114114** Alternator 14 V, 65 Amp

Replacing: TA000A52202, TA000A30601, AB165104, 219235

Servicing: Chevrolet, Daewoo

Grooves 1, Total length 166.50, Pulley P, Fan IF

A: 42.00 B: 14.35 C: 66.00 mm


 FRSIGA  
LI RC A

**114128** Alternator 14 V, 150 Amp

Replacing: SG15S037, SG15S019, 2613270A, 2613270, 2542565B, 2542565A, 2542565

Servicing: Ford, Mazda

Grooves 6, Pulley SP/FW, Fan IF

A: 42.50 B: 21.00 C: 45.00 mm



COM


**114130** 5★ Alternator 14 V, 150 Amp

Manufacturer: Valeo

Replacing: TG15C121, TG15C057, TG15C056, TG15C034, 2543570Q, 2543570C, 2543570B, 2543570, 2543412, 2543363A

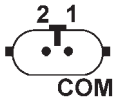
Servicing: Mercedes-Benz

Grooves 5, Total length 183.00,

Pulley SP/FW, Fan IF

Alternative no.: 116069

A: 30.00 B: 151.00 mm



**114131** Alternator 14 V, 90 Amp  
 Replacing: TG9B042, TG9B041, 2543509C, 2543509B, 2543509A, 2543509, 2543486  
 Servicing: Renault  
 Grooves 7, Total length 182.00,  
 Pulley SP, Fan IF  
 A: 32.00 B: 14.25 C: 61.00 mm



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**114143\*** Alternator 14 V, 125 Amp  
 Replacing: SG12S074, SG12S071, 2650017A, 2650017, 2650011B  
 Grooves 6, Pulley SP, Fan IF



**114189** Alternator 14 V, 180 Amp  
 Replacing: TG17C035, TG17C021B, TG17C021, 2543293A, 2543293, 2543221D, 2543221C, 2543221, 2542785B, 2542785A  
 Servicing: BMW  
 Grooves 6, Total length 182.00,  
 Pulley SP, Fan IF  
 A: 57.00 B: 46.00 C: 75.00 mm



**114219** Alternator 14 V, 50 Amp  
 Replacing: TA000A58101  
 Servicing: Daedong Kioti  
 Terminal W, Grooves 1,  
 Total length 151.00, Pulley P, Fan IF  
 A: 43.00 B: 15.00 C: 66.00 mm



**114292** Alternator 14 V, 180 Amp  
 Manufacturer: Valeo  
 Replacing: FG18S019, 2543461B, 2543461  
 Servicing: BMW  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 57.00 B: 28.00 C: 75.00 mm



**114293** Alternator 14 V, 80 Amp  
 Replacing: TG8S024, 2543488B, 2543488A, 2543488  
 Servicing: Nissan  
 Grooves 4, Total length 151.00,  
 Pulley SP, Fan IF  
 A: 45.50 B: 13.00 C: 67.00 mm



**114306** Alternator 14 V, 180 Amp  
 Manufacturer: Valeo  
 Replacing: FG18S109, FG18S023, 2617195A, 2543539A, 2543539  
 Servicing: Fiat, Iveco  
 Grooves 7, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 41.00 B: 14.00 C: 83.50 mm



**114322** Alternator 14 V, 140 Amp  
 Manufacturer: Valeo  
 Replacing: TG14C020, 2543398B, 2543398A  
 Servicing: Audi  
 Grooves 6, Pulley SP/FW, Fan IF  
 B: 14.00 C: 61.00 mm



**114352** Alternator 14 V, 130 Amp  
 Replacing: SG12B082, SG12B063, 2542838, 2542591  
 Servicing: Land Rover  
 Terminal W, Grooves 8,  
 Total length 180.00, Pulley SP  
 Pulley w/ 0.5 mm spacer.  
 A: 83.00 B: 56.00 mm



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**114385\*** Alternator 14 V, 170 Amp  
 Replacing: TG17C034, 2543222B, 2543222A, 2543222  
 Servicing: BMW  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 55.50 B: 27.20 C: 75.50 mm



**114406** Alternator 14 V, 115 Amp  
 Manufacturer: Valeo  
 Replacing: TG11C059, TG11C036, 2543508, 2542956A, 2542956  
 Servicing: Mitsubishi, Smart (MCC)  
 Grooves 5, Total length 186.00,  
 Pulley SP/FW, Fan IF  
 A: 81.50 B: 46.20 mm



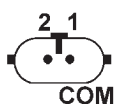
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**114408** Alternator 14 V, 180 Amp  
 Replacing: TG17C022, TG17C020, 2542784C, 2542784B, 2542784A, 2542784  
 Servicing: Audi, VW  
 Grooves 6, Total length 182.00,  
 Pulley SP, Fan IF  
 A: 30.00 B: 14.00 C: 60.80 mm





**114451** Alternator 14 V, 105 Amp  
 Replacing: TG9S039, TG9S027, TG9S011, 2543479A, 2543479, 2542729  
 Servicing: Fiat, Ford, Lancia, Opel, Vauxhall  
 Grooves 6, Total length 185.00,  
 Pulley SP/FW, Fan IF  
 A: 41.00 B: 63.50 C: 55.00 mm



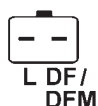
**114463** Alternator 14 V, 120 Amp  
 Replacing: TG12C078, 2606288A, 2606288  
 Servicing: Renault  
 Total length 165.00, Pulley w/o, Fan IF  
 Freewheel Pulley: HC-CARGO 333136.  
 B: 14.00 C: 61.00 mm



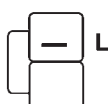
**114467** Alternator 14 V, 90 Amp  
 Replacing: 2655447  
 Servicing: Hyundai, Kia  
 Grooves 6, Total length 168.00,  
 Pulley SP, Fan IF  
 A: 33.00 B: 15.00 C: 50.50 mm



**114495** Alternator 14 V, 120 Amp  
 Replacing: TG12C033, A0002655475, 2655475, 2606220, 2543370A, 2543370  
 Servicing: Hyundai, Kia  
 Grooves 5, Total length 195.00,  
 Pulley SP/FW, Fan IF  
 A: 33.00 B: 13.00 C: 50.85 mm



**114509** Alternator 14 V, 150 Amp  
 Replacing: TG15C058, 2542966G, 2542966F, 2542966E, 2542966D, 2542966B, 2542966  
 Servicing: Hyundai, Nissan, Opel, Renault, Vauxhall  
 Grooves 7, Pulley SP/FW, Fan IF  
 A: 32.70 B: 14.00 C: 61.00 mm



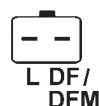
**114522** Alternator 14 V, 95 Amp  
 Replacing: SG9B025, 2542284E, 2542284C, 2542284B, 2542284  
 Servicing: Hyundai, Kia  
 Grooves 6, Pulley SP, Fan IF  
 A: 34.00 B: 23.00 C: 45.00 mm



**114524** Alternator 14 V, 180 Amp  
 Manufacturer: Valeo  
 Replacing: TG17C015, 2542720J, 2542720D, 2542720  
 Servicing: BMW  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 29.50 B: 62.50 C: 41.50 mm



**114664** Alternator 14 V, 75 Amp  
 Replacing: A0002655301, A0002655300, 425300, 2655301, 2655300  
 Grooves 6, Pulley SP, Fan IF  
 A: 70.00 B: 51.00 mm



**114673** Alternator 14 V, 120 Amp  
 Replacing: SG12B103, SG12B038, 2543366A, 2543366, 2542470G, 2542470E, 2542470D, 2542470  
 Servicing: Dacia, Nissan, Renault  
 Grooves 5, Total length 168.00,  
 Pulley SP/FW, Fan IF  
 A: 42.00 B: 14.00 C: 61.20 mm



**114680** Alternator 14 V, 150 Amp  
 Replacing: SG15S032, SG15S010, 2542849, 2542312A, 2542312  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 193.00,  
 Pulley SP, Fan IF  
 A: 53.20 B: 26.90 C: 65.70 mm



**114684** Alternator 14 V, 120 Amp  
 Replacing: A14VI37, 2542388  
 Servicing: Fiat  
 Grooves 6, Total length 203.00,  
 Pulley SP, Fan IF  
 A: 51.50 B: 26.50 C: 65.50 mm



**114697** Alternator 14 V, 180 Amp  
 Replacing: FG18T062  
 Servicing: Skoda, VW  
 Grooves 6, Total length 167.00,  
 Pulley SP/FW, Fan IF  
 A: 39.50 B: 14.00 C: 61.00 mm

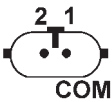


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**114699\*** Alternator 14 V, 115 Amp  
Replacing: TG11C074, TG11C035, TG11C021, 2606301A, 2606301, 2542954C, 2542954, 2542774  
Grooves 5, Pulley SP/FW, Fan IF



**114720** Alternator 14 V, 150 Amp  
Replacing: TG15C093, TG15C073, TG15C027, 2543390A, 2543390, 2543306D, 2543306C, 2543306B, 2543306, 2542769  
Servicing: BMW  
Grooves 6, Total length 180.00, Pulley SP, Fan IF  
A: 56.00 B: 28.00 C: 75.50 mm



**114721** Alternator 14 V, 150 Amp  
Manufacturer: Bosch  
Replacing: TG15C146, 2606272A, 2606272  
Servicing: Renault  
Grooves 6, Total length 200.00, Pulley SP/FW, Fan IF  
A: 38.50 B: 14.00 C: 61.50 mm



**114722** Alternator 14 V, 140 Amp  
Replacing: TG14C025, SG14B022, SG14B016, SG14B010, 2606237A, 2606237, 2543369, 2542739B, 2542739A, 2542739  
Servicing: Audi, Seat, Skoda, VW  
Grooves 6, Pulley SP/FW, Fan IF  
A: 29.00 B: 70.00 C: 56.00 mm



**114724** Alternator 14 V, 150 Amp  
Replacing: TG15C186, TG15C183, TG15C169, TG15C103, 2612673B, 2609244, 2543428A  
Servicing: Ford, Mazda, Volvo  
Grooves 6, Total length 170.00, Pulley SP/FW, Fan IF  
A: 42.90 B: 21.00 C: 46.50 mm

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**114727\*** Alternator 14 V, 130 Amp  
Replacing: FG12S031  
Servicing: Chevrolet, Opel, Vauxhall  
Grooves 6, Pulley SP/FW, Fan IF



**114736** Alternator 14 V, 150 Amp  
Replacing: TG16C011, 2542894A, 2542894  
Servicing: Audi  
Grooves 6, Pulley SP/FW, Fan IF  
A: 29.30 B: 70.00 C: 56.00 mm



**114757** Alternator 14 V, 120 Amp  
Manufacturer: Valeo  
Replacing: TG12C110, TG12C015, 2542770B, 2542770  
Servicing: Ford  
Grooves 6, Total length 174.00, Pulley SP/FW, Fan IF  
A: 40.00 B: 55.50 C: 74.00 mm



**114769** Alternator 14 V, 110 Amp  
Replacing: TG11C015, 2542731  
Servicing: Audi, Seat, Skoda, VW  
Grooves 6, Pulley SP, Fan IF  
A: 30.00 B: 14.00 C: 61.00 mm



**114780** Alternator 14 V, 140 Amp  
Manufacturer: Bosch  
Replacing: TG14C042, TG14C022, 2543400A, 2543400  
Servicing: Audi  
Grooves 6, Total length 183.00, Pulley SP, Fan IF  
A: 30.00 B: 14.40 C: 61.40 mm



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**114781** Alternator 14 V, 110 Amp  
Replacing: SG11B010, 2542749C, 2542749B, 2542749A, 2542749  
Servicing: BMW  
Grooves 6, Total length 192.00, Pulley SP/FW, Fan IF  
A: 30.50 B: 63.00 C: 41.00 mm



**114797** Alternator 14 V, 120 Amp  
Replacing: SG12B090, SG12B042, SG12B015, 2542949A, 2542949, 2542461C, 2542461A, 2542461, 2542237D, 2542237A  
Servicing: Audi, Ford, Seat, Skoda, VW  
Grooves 6, Pulley SP/FW, Fan IF  
As HC-CARGO 112002, but w/ pulley.  
Alternative no.: 115483 , 112002  
A: 39,00 B: 14.50 C: 60.50 mm



**114805** Alternator 14 V, 150 Amp  
 Manufacturer: Valeo  
 Replacing: TG15C176, TG15C175, TG15C174, TG15C173, 2610695A, 2610692B  
 Servicing: Ford  
 Grooves 6, Total length 190.00,  
 Pulley SP/FW, Fan IF  
 A: 42.50 B: 21.00 C: 45.00 mm



**114811** Alternator 14 V, 120 Amp  
 Manufacturer: Valeo  
 Replacing: TG12C120, TG12C061, TG12C059, 2612380B, 2605290, 2605106A, 2605106  
 Servicing: Citroen, Mini, Peugeot  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 26.00 B: 80.50 C: 47.50 mm



**114827** Alternator 14 V, 120 Amp  
 Replacing: TG11C076, 2655544  
 Servicing: Hyundai, Kia  
 Grooves 6, Total length 193.00,  
 Pulley SP/FW, Fan IF  
 A: 43.00 B: 20.00 C: 55.50 mm



**114831** Alternator 14 V, 180 Amp  
 Replacing: TG17C054, TG17C024, 2543374, 2542827  
 Servicing: Audi, Seat, VW  
 Grooves 6, Total length 195.00,  
 Pulley SP/FW, Fan IF  
 A: 39.50 B: 14.00 C: 61.00 mm



**114832** Alternator 14 V, 180 Amp  
 Replacing: TG17C026, 2542845A, 2542845  
 Servicing: Beijing Benz (BBDC), Chrysler  
 Grooves 7, Total length 200.00,  
 Pulley SP/FW, Fan IF  
 A: 31.00 B: 70.00 C: 56.00 mm



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**114835\*** Alternator 14 V, 180 Amp  
 Replacing: TG17C032, 2543290B, 2543290  
 Servicing: Mercedes-Benz  
 Grooves 8, Pulley SP/FW, Fan IF

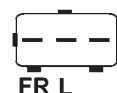
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**114847\*** Alternator 14 V, 140 Amp  
 Replacing: TG12C173, TG12C052, 2650799A, 2620359A  
 Servicing: Opel, Saab, Vauxhall  
 Grooves 6, Pulley SP/FW, Fan IF



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**114848\*** Alternator 14 V, 90 Amp  
 Replacing: TG9B068, TG9B049, 2607214, 2543576A, 2543576  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 42.50 B: 21.50 C: 46.00 mm



**114857** Alternator 14 V, 90 Amp  
 Replacing: 2655635  
 Servicing: Hyundai, Kia  
 Grooves 4, Total length 178.00,  
 Pulley SP, Fan IF  
 A: 35.00 B: 13.00 C: 55.50 mm



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**114859** Alternator 14 V, 180 Amp  
 Replacing: FG18S048, FG18S017, 2607732, 2543457A, 2543457  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 Grooves 6, Pulley SP/FW, Fan IF

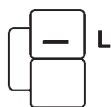


**114866** Alternator 14 V, 120 Amp  
 Replacing: TG12C038, 2543427A, 2543427  
 Servicing: Ford  
 Grooves 6, Total length 186.00,  
 Pulley SP/FW, Fan IF  
 A: 42.00 B: 21.00 C: 45.70 mm

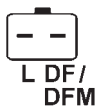


**114876** Alternator 14 V, 180 Amp  
 Manufacturer: Valeo  
 Replacing: FGN18S012, FG18S012, 2543406A, 2543406  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 186.00,  
 Pulley SP/FW, Fan IF  
 A: 31.50 B: 70.00 mm

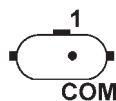




**114877** Alternator 14 V, 80 Amp  
 Replacing: TG8C011, 2542694B, 2542694A, 2542694  
 Servicing: Nissan  
 Grooves 4, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 45.50 B: 13.00 C: 68.00 mm



**114879** Alternator 14 V, 90 Amp  
 Replacing: TG9B053, TG9B047, 2605647D, 2605647, 2543530  
 Servicing: Dacia, Renault  
 Grooves 6, Total length 190.00,  
 Pulley SP, Fan IF  
 A: 39.00 B: 14.50 C: 61.00 mm



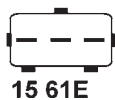
**114882** Alternator 14 V, 110 Amp  
 Replacing: TG11C069, TG11C066, TG11C041, 2605275, 2543564, 2543206D, 2543206C, 2543206  
 Servicing: Renault  
 Grooves 6, Total length 191.00,  
 Pulley SP/FW, Fan IF  
 A: 38.50 B: 14.00 C: 61.50 mm

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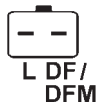
**114883\*** alternator 14 V, 120 Amp  
 Replacing: TG12C087, TG12C037, 2606952B, 2606925B, 2543426A, 2543426  
 Servicing: Ford  
 Grooves 6, Total length 177.30,  
 Pulley SP, Fan IF  
 A: 10.50 B: 72.40 C: 52.60 mm



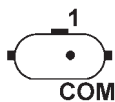
**114884** Alternator 14 V, 140 Amp  
 Replacing: TG14C027, TG14C012, 2607765A  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 192.00,  
 Pulley SP/FW, Fan IF  
 A: 29.00 C: 62.50 mm



**115307** Alternator 14 V, 120 Amp  
 Replacing: SG12B039, 2542432B, 2542432  
 Servicing: BMW  
 Grooves 6, Pulley SP, Fan IF  
 A: 69.00 B: 28.00 C: 75.50 mm



**115310** Alternator 14 V, 110 Amp  
 Replacing: TG11C061, TG11C049, TG11C022, TG11C010, 2543552A, 2543552, 2543342A, 2543342, 2542818D, 2542818  
 Servicing: Renault  
 Grooves 7, Total length 184.00,  
 Pulley SP, Fan IF  
 A: 32.50 B: 13.80 C: 60.50 mm



**115356** Alternator 14 V, 150 Amp  
 Manufacturer: Valeo  
 Replacing: FG15T030, 2606523B  
 Servicing: Opel, Renault, Vauxhall  
 Grooves 7, Total length 192.00,  
 Pulley SP/FW, Fan IF  
 A: 33.00 B: 14.00 C: 60.80 mm



**115366** Alternator 14 V, 80 Amp  
 Replacing: 2655866  
 Servicing: Chevrolet, Daewoo  
 Grooves 4, Pulley SP, Fan IF  
 A: 40.00 B: 15.00 C: 64.50 mm



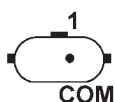
**115369** Alternator 14 V, 150 Amp  
 Replacing: TG15C154, TG15C134, TG15C112, SG15S025, 2607216A, 2607216, 2605546A, 2605546, 2543476A, 2543476  
 Servicing: Citroen, Mitsubishi, Peugeot  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 41.50 B: 21.00 C: 45.50 mm



**115370** Alternator 14 V, 110 Amp  
 Replacing: TG11C017, 2542730  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 39.50 B: 14.50 C: 62.00 mm



**115384** alternator 14 V, 120 Amp  
 Replacing: TG12S220, TG12S101, 2623615A, 2608893A, 2608893  
 Servicing: Citroen, Fiat, Peugeot  
 Grooves 6, Total length 194.00,  
 Pulley SP/FW, Fan IF  
 A: 41.00 B: 64.00 C: 55.00 mm



**115411** Alternator 14 V, 110 Amp  
 Replacing: TG11C060, TG11C055, 2543551, 2543439B, 2543439, 2543208  
 Servicing: Renault  
 Grooves 6, Total length 186.00,  
 Pulley SP, Fan IF  
 A: 38.50 B: 14.00 C: 61.00 mm



**115413** Alternator 14 V, 220 Amp  
 Manufacturer: Valeo  
 Replacing: TG23C017, 2543444A, 2543444  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 191.00,  
 Pulley SP/FW, Fan IF  
 A: 30.50 B: 70.00 C: 56.25 mm



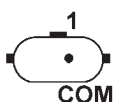
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**115414\*** Alternator 14 V, 180 Amp  
 Replacing: TG17C044, TG17C023, 2542798  
 Servicing: Audi  
 Grooves 6, Pulley SP/FW, Fan IF

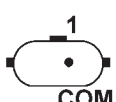


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**115418** Alternator 14 V, 90 Amp  
 Replacing: SG9B121, SG9B079, SG9B068, 2606293A, 2542955E, 2542955B, 2542955A, 2542955  
 Servicing: Mercedes-Benz  
 Grooves 5, Total length 180.50,  
 Pulley SP, Fan IF  
 A: 30.00 B: 142.00 C: 42.50 mm



**115419** Alternator 14 V, 110 Amp  
 Replacing: TG11C065, TG11C040, 2543563B, 2543563, 2543207  
 Servicing: Renault  
 Grooves 7, Total length 183.00,  
 Pulley SP, Fan IF  
 A: 33.00 B: 14.00 C: 60.85 mm



**115431** Alternator 14 V, 150 Amp  
 Manufacturer: Valeo  
 Replacing: FG15T056, 2612716A  
 Servicing: Mercedes-Benz, Renault  
 Grooves 6, Total length 195.70,  
 Pulley SP/FW, Fan IF  
 A: 38.75 B: 14.20 C: 60.90 mm

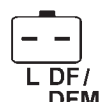


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**115433\*** Alternator 14 V, 140 Amp  
 Replacing: TG14C031, 2608901C, 2608901A  
 Servicing: Audi, Mercedes-Benz, Seat, Skoda, VW  
 Grooves 6, Pulley SP/FW, Fan IF



**115437** Alternator 14 V, 180 Amp  
 Manufacturer: Valeo  
 Replacing: FG18S077, 2611843A  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 31.00 B: 70.00 C: 56.00 mm



**115438** Alternator 14 V, 120 Amp  
 Replacing: SG12S077, SG12S051, 2542742, 2542526  
 Servicing: Citroen, Peugeot  
 Grooves 6, Total length 180.00,  
 Pulley SP, Fan IF  
 A: 42.50 B: 22.00 C: 45.50 mm

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**115478** Alternator 14 V, 120 Amp  
 Replacing: TG12C066, 2605325A  
 Servicing: Chevrolet, Opel, Saab, Vauxhall  
 Grooves 6, Pulley SP/FW, Fan IF



**115528** Alternator 14 V, 140 Amp  
 Manufacturer: Valeo  
 Replacing: TG14C028, 2608427A, 2608427  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Pulley SP/FW, Fan IF



**115529** Alternator 14 V, 140 Amp  
 Replacing: TG14C036, 2610086A  
 Servicing: Skoda  
 Grooves 6, Total length 200.00,  
 Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.00 C: 62.00 mm



**115531** Alternator 14 V, 80 Amp  
 Replacing: TG8S019, TG8C018, 2542927A, 2542927, 2542926A, 2542926  
 Servicing: Nissan  
 Grooves 4, Total length 170.00,  
 Pulley SP, Fan IF  
 A: 44.50 B: 13.00 C: 67.50 mm



**115543** Alternator 14 V, 90 Amp  
 Replacing: TG9C013, 2542736A, 2542736  
 Servicing: Ford  
 Grooves 6, Total length 171.00,  
 Pulley SP, Fan IF  
 A: 41.00 B: 55.00 C: 74.00 mm



**115547** Alternator 14 V, 140 Amp  
 Manufacturer: Valeo  
 Replacing: TG14C037  
 Servicing: Audi, VW  
 Grooves 6, Total length 188.00,  
 Pulley SP/FW, Fan IF  
 A: 28.50 B: 70.00 C: 56.00 mm



**115549** Alternator 14 V, 95 Amp  
 Replacing: SG9B107, SG9B035, 2543553A, 2543553, 2542422  
 Servicing: Dacia, Nissan, Renault  
 Grooves 3, Pulley SP, Fan IF  
 A: 53.50 B: 26.50 C: 63.00 mm



**115580** Alternator 14 V, 180 Amp  
 Manufacturer: Valeo  
 Replacing: FGN18S083, FG18S083, 2612242A  
 Servicing: Mercedes-Benz  
 Grooves 6, Total length 187.00,  
 Pulley SP, Fan IF  
 A: 32.00 B: 70.00 C: 56.00 mm



**115581** Alternator 14 V, 180 Amp  
 Manufacturer: Valeo  
 Replacing: FGN18S052, FG18S052, 2608669C  
 Servicing: BMW  
 Grooves 6, Total length 185.00,  
 Pulley SP/FW, Fan IF  
 A: 57.50 B: 28.00 C: 75.50 mm



**115582** Alternator 14 V, 230 Amp  
 Manufacturer: Valeo  
 Replacing: FG23S063, FG23S022, 2605658A  
 Servicing: Citroen, Peugeot  
 Grooves 6, Total length 188.00,  
 Pulley SP/FW, Fan IF  
 A: 43.00 B: 21.00 C: 46.00 mm

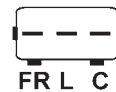


**115583** Alternator 14 V, 120 Amp  
 Manufacturer: Valeo  
 Replacing: TG12C036  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 190.00,  
 Pulley SP/FW, Fan IF  
 A: 112.50 B: 60.80 mm



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**115587** Alternator 14 V, 120 Amp  
 Manufacturer: Valeo  
 Replacing: TG12C141, TG12C140, TG12C090, 2616021B, 2616019A, 2616010, 2607316A  
 Servicing: Kia  
 Grooves 5, Total length 175.00,  
 Pulley SP/FW, Fan IF  
 A: 32.50 B: 13.00 C: 50.50 mm



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**115603\*** Alternator 14 V, 110 Amp  
 Replacing: 2606446  
 Servicing: Hyundai, Kia  
 Grooves 6, Pulley SP/FW, Fan IF



**115604** Alternator 14 V, 150 Amp  
 Manufacturer: Valeo  
 Replacing: FG15T072, FG15T044, 2610715B  
 Servicing: Citroen, Peugeot  
 Grooves 6, Total length 181.00,  
 Pulley SP/FW, Fan IF  
 A: 26.70 B: 80.10 mm



**115621** Alternator 14 V, 110 Amp  
 Replacing: TG11C016  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 186.00,  
 Pulley SP, Fan IF  
 A: 39.00 B: 14.00 C: 60.50 mm





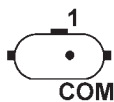
**115622** Alternator 14 V, 90 Amp  
 Replacing: TG9S037, TG9S014, 2543483C, 2543483A, 2543483C  
 Servicing: Fiat  
 Grooves 6, Total length 176.00,  
 Pulley SP, Fan IF  
 A: 41.00 B: 64.00 C: 55.50 mm



LIN-2



**115631** Alternator 14 V, 150 Amp  
 Manufacturer: Valeo  
 Replacing: TG15C190, TG15C095, 2614223A, 2543397B  
 Servicing: Audi  
 Grooves 6, Pulley SP/FW, Fan IF



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**115653\*** Alternator 14 V, 110 Amp  
 Replacing: TG11C068, TG11C056, 2543590A, 2543590, 2543469A, 2543469  
 Servicing: Renault  
 Grooves 7, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 33.50 B: 14.00 C: 60.00 mm



FR L C



**115654** Alternator 14 V, 70 Amp  
 Manufacturer: Valeo  
 Replacing: 2613777, 2607052  
 Servicing: Hyundai, Kia  
 Grooves 4, Total length 169.00,  
 Pulley SP, Fan IF  
 A: 38.00 B: 13.00 C: 48.00 mm



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LI RC A



**115659** Alternator 14 V, 80 Amp  
 Replacing: TG7S012, 2543302A, 2543302  
 Servicing: Ford  
 Grooves 6, Total length 164.00,  
 Pulley SP, Fan IF  
 A: 39.50 B: 55.00 C: 51.00 mm



**115667** Alternator 14 V, 120 Amp  
 Manufacturer: Valeo  
 Replacing: TG12S111  
 Servicing: Alfa Romeo, Fiat  
 Grooves 6, Total length 185.00,  
 Pulley SP/FW, Fan IF  
 A: 42.00 B: 64.00 C: 55.00 mm



**115668** Alternator 14 V, 90 Amp  
 Replacing: TG9S060, 2606472A  
 Servicing: Fiat  
 Grooves 6, Total length 187.00,  
 Pulley SP, Fan IF  
 A: 41.50 B: 64.00 mm



FR L C



**115692** Alternator 14 V, 110 Amp  
 Replacing: 2609780  
 Servicing: Hyundai, Kia  
 Grooves 6, Total length 164.00,  
 Pulley SP, Fan IF  
 A: 34.00 B: 15.00 C: 50.00 mm



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**115707** Alternator 14 V, 110 Amp  
 Manufacturer: Valeo  
 Replacing: TG11C067  
 Servicing: Audi, VW  
 Grooves 6, Total length 190.70,  
 Pulley SP/FW, Fan IF  
 A: 39.50 B: 14.00 C: 61.00 mm



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**115711** Alternator 14 V, 120 Amp  
 Replacing: SG10B020, SG10B016, 2542473B, 2542473, 2542411B, 2542411A, 2542411  
 Servicing: Renault  
 Grooves 6, Total length 184.00,  
 Pulley SP, Fan IF  
 A: 20.00 B: 80.10 C: 40.00 mm



**115713** Alternator 14 V, 180 Amp  
 Manufacturer: Valeo  
 Replacing: FG18T119, FG18T051, 2608426A  
 Servicing: Skoda  
 Grooves 6, Pulley SP/FW, Fan IF  
 A: 39.00 B: 14.00 C: 60.85 mm



FR L C

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**115715** Alternator 14 V, 90 Amp  
 Replacing: A0002607372, 2607372  
 Servicing: Dongfeng Yueda Kia, Hyundai, Kia  
 Grooves 6, Total length 161.00,  
 Pulley SP, Fan IF  
 A: 33.50 B: 15.00 C: 50.50 mm

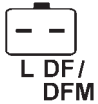


**115730** Alternator 14 V, 140 Amp  
 Replacing: TG14C050, TG14C023, 2543569B, 2543569A, 2543569  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 195.00,  
 Pulley SP/FW, Fan IF  
 A: 39.50 B: 14.10 C: 61.00 mm



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**115747\*** Alternator 14 V, 150 Amp  
 Replacing: FG15S034, 2606259  
 Servicing: Hyundai, Kia  
 Grooves 6, Total length 177.00,  
 Pulley SP/FW, Fan IF  
 A: 39.00 B: 20.10 C: 48.50 mm



**115766** Alternator 14 V, 110 Amp  
 Replacing: TG11C063, TG11C027, 2543561A, 2543561, 2542855B, 2542855  
 Servicing: Dacia, Renault  
 Grooves 6, Total length 181.00,  
 Pulley SP, Fan IF  
 A: 39.00 B: 14.00 C: 60.75 mm

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**115810** Alternator 14 V, 120 Amp  
 Replacing: TG12C063, 2605420A, 2605420  
 Servicing: Mercedes-Benz  
 Grooves 6, Pulley SP/FW, Fan IF



**115815** Alternator 14 V, 70 Amp  
 Replacing: 2655633  
 Servicing: Hyundai  
 Grooves 5, Total length 166.50,  
 Pulley SP, Fan IF  
 A: 35.00 B: 15.00 C: 45.70 mm



**115826** Alternator 14 V, 140 Amp  
 Replacing: TG14C051, TG14C043  
 Servicing: Audi, Seat, Skoda, VW  
 Grooves 6, Total length 195.00,  
 Pulley SP/FW, Fan IF  
 A: 39.50 B: 14.00 C: 61.00 mm



**NEW PRODUCT**  
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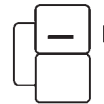
**115827** Alternator 14 V, 70 Amp  
 Manufacturer: Valeo  
 Replacing: SG7S099, 2611776A, 2606900  
 Servicing: Hyundai  
 Grooves 5, Total length 156.00,  
 Pulley SP, Fan IF  
 A: 35.00 B: 15.00 C: 46.50 mm



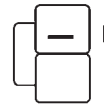
**115833** Alternator 14 V, 120 Amp  
 Replacing: AC730732, A13VI284, 2542475  
 Servicing: Claas, Renault  
 Terminal W, Grooves 8,  
 Total length 191.50, Pulley SP, Fan IF  
 A: 31.00 B: 14.00 C: 82.00 mm



**115834** Alternator 14 V, 150 Amp  
 Replacing: TG15C157  
 Servicing: Mini  
 Grooves 5, Total length 174.00,  
 Pulley SP, Fan IF  
 A: 55.50 B: 28.00 C: 75.50 mm



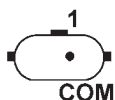
**115853** Alternator 14 V, 110 Amp  
 Replacing: TG11C024, A0002655010, 2655010  
 Servicing: Hyundai  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 43.00 B: 23.00 C: 44.00 mm



**115855** Alternator 14 V, 120 Amp  
 Replacing: A0002655524, 2655524  
 Servicing: Hyundai, Kia  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 43.50 B: 23.00 C: 44.00 mm



**115856** Alternator 14 V, 150 Amp  
 Replacing: TG16C013, TG15C048, 2543264B, 2543264A, 2543264, 2542891  
 Servicing: Audi  
 Grooves 6, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 30.00 B: 14.00 C: 61.00 mm


**NEW PRODUCT**
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**115857\*** Alternator 14 V, 150 Amp  
 Replacing: TG15C091, 2543597, 2543388  
 Servicing: Renault  
 Grooves 7, Total length 185.00,  
 Pulley SP/FW, Fan IF  
 A: 33.00 B: 14.00 C: 60.50 mm



**115858** Alternator 14 V, 150 Amp  
 Replacing: TG16C014, TG15C042, TG15C032,  
 2543315D, 2543315  
 Servicing: Audi  
 Grooves 6, Total length 188.00,  
 Pulley SP/FW, Fan IF  
 A: 29.00 B: 70.00 C: 56.00 mm



**115859** Alternator 14 V, 140 Amp  
 Replacing: TG14C014, 2542892B, 2542892  
 Servicing: Audi  
 Grooves 6, Total length 196.00,  
 Pulley SP, Fan IF  
 A: 29.50 B: 14.00 C: 61.00 mm



**115860** Alternator 14 V, 150 Amp  
 Replacing: TG15C072, 2543309D, 2543309C,  
 2543309  
 Servicing: BMW  
 Grooves 6, Total length 181.00,  
 Pulley SP, Fan IF  
 A: 61.00 B: 28.00 C: 76.00 mm



**115861** Alternator 14 V, 120 Amp  
 Replacing: TG12C054, 2650767A  
 Servicing: Opel  
 Grooves 6, Total length 187.00,  
 Pulley SP, Fan IF  
 A: 64.50 B: 23.00 C: 56.50 mm



**115862** Alternator 14 V, 120 Amp  
 Replacing: TG12C076, 2605328A  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 193.00,  
 Pulley SP/FW, Fan IF  
 A: 42.00 B: 95.00 C: 55.00 mm

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)

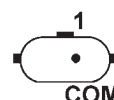
**115912** Alternator 14 V, 220 Amp  
 Replacing: TG23C019  
 Servicing: Mercedes-Benz  
 Grooves 7, Total length 198.00,  
 Pulley SP/FW, Fan IF  
 A: 31.00 B: 70.10 C: 56.00 mm


**NEW PRODUCT**
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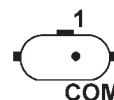
**115913** Alternator 14 V, 150 Amp  
 Replacing: TG15C094  
 Servicing: Audi, Faw-Audi  
 Grooves 6, Total length 190.00,  
 Pulley SP/FW, Fan IF  
 A: 29.00 B: 70.50 C: 56.50 mm


**NEW PRODUCT**
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**115919** Alternator 14 V, 150 Amp  
 Replacing: TG16C010, 2542916  
 Servicing: Audi, Faw-Audi  
 Grooves 6, Total length 193.00,  
 Pulley SP/FW, Fan IF  
 A: 29.00 B: 70.00 C: 56.00 mm


**NEW PRODUCT**
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**115920\*** Alternator 14 V, 150 Amp  
 Replacing: TG15C124  
 Servicing: Renault  
 Grooves 7, Total length 181.00,  
 Pulley SP, Fan IF  
 A: 33.00 B: 14.00 C: 61.00 mm


**NEW PRODUCT**
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**115921** Alternator 14 V, 120 Amp  
 Replacing: TG12C077, 2606154  
 Servicing: Renault  
 Grooves 7, Total length 191.00,  
 Pulley SP/FW, Fan IF  
 A: 33.00 B: 14.00 C: 61.00 mm


**NEW PRODUCT**
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**115922** Alternator 14 V, 140 Amp  
 Replacing: TG14C040  
 Servicing: VW  
 Grooves 6, Total length 190.00,  
 Pulley SP/FW, Fan IF  
 A: 28.50 B: 70.00 C: 56.00 mm





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**115923** Alternator 14 V, 180 Amp  
 Replacing: TG17C036  
 Servicing: BMW  
 Grooves 7, Total length 185.00,  
 Pulley SP, Fan IF  
 A: 57.00 B: 28.50 C: 75.50 mm



**NEW PRODUCT**  
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**115924** Alternator 14 V, 180 Amp  
 Replacing: FG18S078, 2611839A  
 Servicing: Mercedes-Benz  
 Grooves 7, Total length 187.00,  
 Pulley SP, Fan IF  
 A: 31.50 B: 70.00 C: 55.60 mm



**NEW PRODUCT**  
www.hc-cargo.com

**115953\*** Alternator 14 V, 150 Amp  
 Replacing: TG15C144, 2606017  
 Servicing: Audi  
 Grooves 6, Pulley SP/FW, Fan IF

**NEW PRODUCT**  
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**115959\*** Alternator 14 V, 120 Amp  
 Replacing: TG12C107  
 Servicing: Ford  
 Grooves 6, Total length 185.00,  
 Pulley SP/FW, Fan IF  
 A: 65.00 B: 71.50 C: 51.00 mm



**NEW PRODUCT**  
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**115960\*** Alternator 14 V, 180 Amp  
 Replacing: FG18S011, 2543403C, 2543403B  
 Servicing: BMW  
 Grooves 7, Pulley SP, Fan IF



**115963** Alternator 14 V, 90 Amp  
 Replacing: TG9S036, TG9S022, TG9S021,  
 TG9S016, TG9S015, TG9S010, 2606334,  
 2543477A, 2543477, 2542884C  
 Servicing: Alfa Romeo, Fiat, Lancia, Opel,  
 Suzuki, Vauxhall  
 Grooves 6, Total length 196.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 113722   
 A: 41.00 B: 64.20 C: 55.00 mm



**115976** Alternator 14 V, 150 Amp  
 Replacing: 2543413A, 2543413, 2543292,  
 2542685C, 2542685B, 2542685  
 Servicing: BMW  
 Grooves 6, Total length 176.00,  
 Pulley SP, Fan IF  
 Alternative no.: 113858   
 A: 68.50 B: 28.00 C: 75.00 mm



**NEW PRODUCT**  
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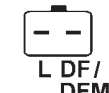
**115980\*** Alternator 14 V, 70 Amp  
 Replacing: 2609013  
 Servicing: Hyundai, Kia  
 Grooves 5, Total length 175.00,  
 Pulley SP/FW, Fan IF  
 A: 35.50 B: 15.00 C: 45.70 mm



**116038** Alternator 14 V, 180 Amp  
 Replacing: TG17C019, 2542783D, 2542783C,  
 2542783  
 Servicing: VW  
 Grooves 6, Total length 193.00  
 A: 39.50 B: 14.20 C: 61.00 mm



**116043** Alternator 14 V, 180 Amp  
 Replacing: FG18S108, FG18S022, 2617194A,  
 2543538A, 2543538  
 Servicing: Citroen, Fiat, Iveco, Peugeot  
 Grooves 6, Total length 183.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 114082   
 A: 38.00 B: 14.00 C: 81.00 mm

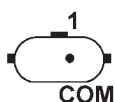


**116048** Alternator  
 Replacing: TG11C064, TG11C062, TG11C034,  
 TG11C011, 2543562A, 2543562, 2543560,  
 2542945B, 2542945, 2542664D  
 Servicing: Dacia, Nissan, Renault  
 Alternative no.: 113940   
 A: 43.00 B: 14.00 C: 60.00 mm



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**116064** Alternator 14 V, 75 Amp  
 Replacing: TG8S023, TG8S022, TG8S016,  
 TG8S014, TG8S013, TG8S012, 2606333A,  
 2606333, 2543481, 2543480A, 2543480  
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall  
 Grooves 6, Total length 184.00,  
 Pulley SP/FW, Fan IF  
 Alternative no.: 113720   
 A: 41.50 B: 64.00 C: 55.00 mm



**NEW PRODUCT**  
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**116066\*** Alternator 14 V, 120 Amp  
 Replacing: TG12C062, 2605419B  
 Servicing: Renault  
 Grooves 7, Fan IF



**116067** Alternator 14 V, 150 Amp  
 Replacing: TG15C118, TG15C053, TG15C028, TG15C020, TC15C020, SG15S024, A14VI49, A14VI48, 2543526A, 2543526  
 Servicing: Citroen, Peugeot  
 Total length 177.50, Pulley w/o, Fan IF  
 As HC-CARGO 113640, but w/o pulley.  
 Alternative no.: 113640  
 B: 21.20 C: 45.80 mm



**116068** Alternator  
 Replacing: TG17C061, TG17C041, 2543498B, 2543498A, 2543498, 2543248A, 2543248  
 Servicing: Mercedes-Benz  
 Alternative no.: 114102   
 A: 30.00 B: 70.00 C: 56.00 mm



**116069** Alternator  
 Replacing: TG15C121, TG15C057, TG15C056, TG15C034, 2543570Q, 2543570C, 2543570B, 2543570, 2543412, 2543363A  
 Servicing: Mercedes-Benz  
 Alternative no.: 114130   
 A: 30.00 B: 151.00 mm



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**116096\*** Alternator 14 V, 110 Amp  
 Replacing: AB111125  
 Servicing: Kia  
 Grooves 6, Pulley SP, Fan IF

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**116099\*** Alternator 14 V, 120 Amp  
 Replacing: TG12C026, 2543296B, 2543296A, 2543296  
 Servicing: Mercedes-Benz  
 Grooves 7, Pulley SP/FW, Fan IF

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**116113** Alternator  
 Replacing: TG17C030B, TG17C030, TG17C028, FG18S056, 2608993A, 2608993, 2543289A, 2543289, 2542989A, 2542989  
 Servicing: Jeep, Mercedes-Benz  
 Alternative no.: 114042



**113708** Alternator 14 V, 115 Amp  
 Replacing: 20-150-01004  
 Servicing: Ford  
 Grooves 6, Total length 153.00,  
 Pulley SP/FW, Fan IF  
 A: 41.00 B: 55.00 C: 74.00 mm



**113709** Alternator 14 V, 115 Amp  
 Replacing: 20-150-01006, 20-150-01005  
 Servicing: Ford, Jaguar  
 Grooves 6, Pulley SP, Fan IF  
 A: 41.00 B: 55.00 C: 86.50 mm



**113710** Alternator 14 V, 140 Amp  
 Replacing: 20-150-01010, 20-150-01009  
 Servicing: Ford  
 Pulley w/o, Fan IF  
 B: 14.00 C: 69.00 mm



**113883** Alternator 14 V, 90 Amp  
 Replacing: 20-150-01001  
 Servicing: Ford  
 Grooves 6, Total length 165.50,  
 Pulley SP, Fan IF  
 A: 39.58 B: 54.87 C: 74.00 mm



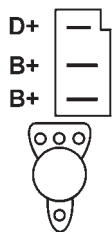
**113912** Alternator 14 V, 80 Amp  
 Manufacturer: Visteon  
 Replacing: 20-150-01002  
 Servicing: Ford, Mazda  
 Total length 151.00, Pulley w/o, Fan IF  
*Freewheel Pulley: HC-CARGO 235503.*  
 B: 21.00 C: 45.00 mm



**113913** Alternator 14 V, 110 Amp  
 Replacing: 20-150-01007  
 Servicing: Ford  
 Total length 196.40, Pulley w/o, Fan IF  
 B: 55.00 C: 74.00 mm

W



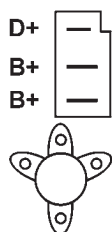


**110497** Alternator 14 V, 70 Amp  
 Replacing: 9120690170, NAB900, 66921126, 66021155, 66021070

Servicing: Austin-Healey, Various Agriculture Vehicles

Terminal W, Grooves 1,  
 Total length 166.00, Pulley P, Fan EF  
*w/ mounting bearing bracket for left and right engine side.*

A: 42.50 B: 10.50 C: 84.00 mm

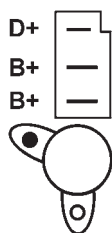


**110577** Alternator 28 V, 55 Amp  
 Manufacturer: Prestolite  
 Replacing: NAB903

Servicing: Various

Terminal W, Grooves 2,  
 Total length 183.00, Pulley DP, Fan EF  
*w/ mounting bearing bracket for left and right engine side.*

A: 115.20 B: 80.10 mm



**110968** Alternator 14 V, 70 Amp

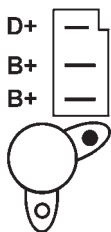
Replacing: 858787, ALT2N-14, ALT12N-2, ALT12N-13, ALF12-18, AAK1333, AAK1133, 11.201.470, NAB300, 66021113, 60921030, 60921029, 60210167, 60210165, 60210164, 60210163, 60210158, 60021066, AH2040C4, 9AR5060, 9AR2960F, 9AR2841, 9AR2705G, 9AR2705, 9AR2699G, 9AR2683G, 9AR2683, 9AR2654G, 9AR2650D, 9AR2699

Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra

Grooves 1, Total length 167.00, Pulley P, Fan EF

*Pulley distance is ok from 34.00 to 43.00 mm.*

A: 34.00 B: 11.00 C: 82.00 mm



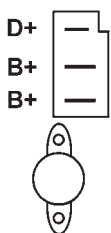
**110969** Alternator 14 V, 65 Amp  
 Manufacturer: Prestolite

Replacing: ALP12N-1, NAB301, 60921031, 60921028, 60210160, 60210159, 60021065, 60021061, 60021041, 60021015, 60021012, 9AR2913, 9AR2878, 9AR2803F, 9AR2706G, 9AR2706, 9AR2704F, 9AR2684P, 9AR2655G, 9AR2653F, 9AR2653

Servicing: Land Rover, Various Agriculture Vehicles

Grooves 1, Total length 167.50, Pulley P, Fan EF

A: 38.00 B: 11.00 C: 82.00 mm



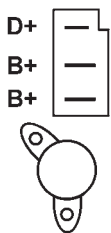
**110970** Alternator 14 V, 65 Amp  
 Manufacturer: Prestolite

Replacing: AAG1310, 11.201.095, NAB302, 9AR2549F, 9AR2549, 9AR2548K, 9AR2548, 9AR2547F, 9AR2547, 510-56, 510-39, 510-38

Servicing: Massey Ferguson

Terminal W, Grooves 1, Pulley P, Fan EF

A: 58.00 B: 27.10 mm



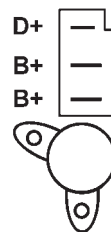
**110972** Alternator 14 V, 65 Amp  
 Manufacturer: Prestolite

Replacing: 0120489124, 0120489123, 0120489121, NAB304, 66021101, 60021056, 60021055, 60021054, 3472068, 3472067, 3472052, 3472050, 3471214, 068, 067, 052, 050

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

Grooves 1, Total length 167.50, Pulley P, Fan EF

A: 87.90 B: 56.00 mm



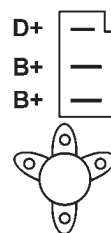
**110975** Alternator 14 V, 65 Amp  
 Manufacturer: Prestolite

Replacing: 0120489999, 0120489975, 0120489789, 0120489569, 0120489551, 0120489058, 0120400670, 0120300584, NAB307, 60021068, 60021067, 60021063, 60021026, 54021649, 9AR2529F, 9AR2529, 510-146, 510-123, 2541263, 9FB2LD2A05

Servicing: Audi, Various Agriculture Vehicles, VW

Terminal W, Grooves 1,  
 Total length 167.00, Pulley P, Fan EF

A: 82.85 B: 56.25 mm

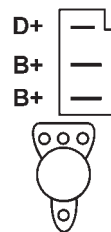


**110976** Alternator 14 V, 65 Amp  
 Replacing: NAB904, NAB902

Servicing: Various

Terminal W, Grooves 1,  
 Total length 168.00, Pulley P, Fan EF  
*Not Insulated return. w/ mounting bearing bracket for left and right engine side. Universal Alternator.*

B: 56.00 mm

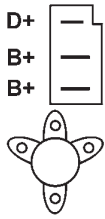


**110977** Alternator 28 V, 35 Amp  
 Replacing: NAB901, NAB501

Servicing: Universal

Terminal W, Grooves 1,  
 Total length 165.50, Pulley P, Fan EF

A: 41.80 B: 11.00 C: 84.00 mm



**111204** Alternator 14 V, 70 Amp

Manufacturer: Prestolite

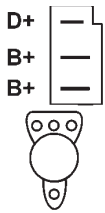
Replacing: NAB905, 24166A, 24166, 24017A, 24017, 24016A, 24016, 24014A, 24014, 23999B, 23999A, 23999, 23991A

Servicing: Case, Jaguar, TVR

Grooves 1, Total length 166.00, Pulley P, Fan EF

w/ mounting bearing bracket for left and right engine side.

A: 54.15 B: 27.00 mm



**112237** Alternator 14 V, 70 Amp

Replacing: NAB900M

Servicing: Various

Terminal W, Grooves 1, Total length 175.00, Pulley P, Fan EF, Insulated return

Pulley distance is ok from 34.00 to 43.00 mm.

A: 34.00 B: 10.90 C: 84.00 mm



**112578** Alternator 14 V, 75 Amp

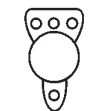
Replacing: A6621544102, A6621543202, 6621544102, 6621543202

Servicing: Daewoo, Ssangyong

Grooves 6, Total length 165.00,

Pulley SP, Fan IF

A: 93.00 B: 56.00 mm



**113152** Alternator 14 V, 90 Amp

Replacing: NAB9000M

Servicing: Various

Terminal W, Grooves 1, Total length 181.00, Pulley P, Fan EF, Insulated return

For right and left mounting.

A: 44.50 B: 13.50 C: 82.20 mm



**113544** Alternator 14 V, 95 Amp

Servicing: Ford, Various Industrial applications

Grooves 7, Total length 208.00, Pulley SP, Fan IF

w/ free wheel pulley: HC-CARGO 113285.

A: 39.50 B: 55.70 C: 74.00 mm



**113589** Alternator 28 V, 180 Amp

Replacing: 160-60282

Servicing: Various Industrial applications

Terminal W, Grooves 2, Pulley DP, Fan EF

B- M8. Shaft 30 mm.

A: 54.00 B: 16.15 C: 180.00 mm



**113650** Alternator 28 V, 80 Amp

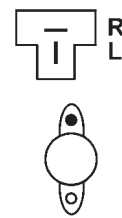
Replacing: 160-68223

Servicing: Various Industrial applications, Volvo

Terminal W, Total length 178.00,

Pulley w/o, Fan EF

B: 13.80 C: 90.90 mm



**113793** Alternator 14 V, 55 Amp

Replacing: LR155-29, LR155-20B, LR155-20

Servicing: Yanmar

Grooves 1, Total length 184.00, Pulley P, Fan EF, Insulated return

A: 42.00 B: 13.00 C: 80.00 mm



**114235** Alternator 14 V, 120 Amp

Manufacturer: Delphi

Replacing: 96866020, 96866020, 96673046, 96673046, 4811552, 4808607

Servicing: Chevrolet, Daewoo, Holden, Opel, Shanghai GM, Vauxhall

Grooves 6, Total length 175.00,

Pulley SP, Fan IF

A: 31.00 B: 24.00 mm



**114350** Alternator 14 V, 85 Amp

Replacing: 96540541, 96540541

Servicing: Chevrolet, Daewoo

Grooves 6, Total length 175.00,

Pulley SP

A: 38.00 B: 18.00 C: 81.00 mm



**114412** Alternator 14 V, 85 Amp

Replacing: 96954113, 96838439, 96540542, 96540542

Servicing: Chevrolet, Daewoo

Grooves 6, Pulley SP, Fan IF

A: 36.00 B: 17.60 C: 81.00 mm



**114516** Alternator 14 V, 14 Amp  
 Replacing: 15531-64017, 15531-64016, 15531-64013  
 Servicing: Kubota  
 Grooves 1, Total length 79.00, Pulley SP, Fan w/o  
 A: 64.00 B: 16.00 mm



**114657** Alternator 14 V, 14 Amp  
 Replacing: 6A830-59250  
 Servicing: Kubota, Various Industrial applications  
 Grooves 1, Pulley P, Fan w/o  
 A: 62.00 B: 16.00 mm



**114726** Alternator 14 V, 100 Amp  
 Replacing: 13579662, 13500186, 1202261, 1202117  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 187.00, Pulley SP/FW, Fan IF  
 A: 35.00 B: 13.00 C: 66.00 mm

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**114728** Alternator 14 V, 100 Amp  
 Replacing: 13579663, 13579663, 13500582, 13500582, 1202120  
 Servicing: Chevrolet, Opel, Vauxhall  
 Grooves 6, Total length 187.50, Pulley SP/FW, Fan IF  
 A: 54.70 B: 33.70 C: 58.10 mm



**114779** Alternator 14 V, 100 Amp  
 Replacing: 13579666, 13579666, 13500577, 13500577, 1204654, 1202235  
 Servicing: Chevrolet, Opel, Vauxhall  
 Grooves 6, Total length 187.00, Pulley SP/FW, Fan IF  
 A: 63.00 B: 23.00 C: 56.00 mm

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**115396\*** Alternator 14 V, 140 Amp  
 Replacing: 95515958, 13579675, 13500187, 1202328, 1202264  
 Servicing: Chevrolet, Opel, Vauxhall  
 Grooves 6, Pulley SP/FW, Fan IF



**115410** Alternator 14 V, 100 Amp  
 Replacing: 13579667, 13502595, 1204180, 1202262  
 Servicing: Chevrolet, Opel, Vauxhall  
 Grooves 6, Pulley SP, Fan IF  
 A: 64.00 B: 23.20 C: 56.00 mm



**115463** Alternator 14 V, 20 Amp  
 Replacing: SE501843, SE501822, MIA10338, GP9165, CH15587, AM879144, AM877557, 129150-77202  
 Servicing: John Deere  
 Grooves 1, Total length 77.00, Pulley P  
 A: 42.00 B: 14.20 mm



**115526** Alternator 14 V, 100 Amp  
 Replacing: 13579668, 13502583, 1204643, 1202236  
 Servicing: Opel, Vauxhall  
 Grooves 6, Total length 196.00, Pulley SP/FW, Fan IF  
 A: 57.00 B: 18.00 mm



**115530** Alternator 14 V, 130 Amp  
 Replacing: 89705428  
 Servicing: Case, New Holland  
 Total length 240.00, Pulley w/o, Fan EF  
 B: 14.00 C: 101.00 mm



**115691** Alternator 14 V, 20 Amp  
 Replacing: GP9905, GP9901, 8970489702, 8970489701, 8970489700  
 Servicing: Isuzu  
 Grooves 1, Total length 97.00, Pulley P, Fan EF  
 A: 44.00 B: 15.00 mm



**115761** Alternator 14 V, 140 Amp  
 Replacing: 4819446, 13580078, 13579114  
 Servicing: Chevrolet, Opel, Vauxhall  
 Grooves 6, Total length 188.00, Pulley SP/FW, Fan IF  
 A: 61.00 B: 24.60 C: 59.50 mm



**NEW PRODUCT**  
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**115911\*** Alternator 14 V, 140 Amp  
 Replacing: 13579676, 13502580, 13502580  
 Servicing: Chevrolet  
 Grooves 6, Pulley SP/FW, Fan IF



**115969** Alternator 28 V, 45 Amp  
 Manufacturer: Daewoo  
 Replacing: 65.26101-7173, 300901-0009  
 Servicing: Doosan  
 Terminal W, Grooves 2,  
 Total length 185.50, Pulley DP, Fan EF  
 A: 45.00 B: 14.00 C: 98.50 mm



**NEW PRODUCT**  
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**116008\*** Alternator 14 V, 100 Amp  
 Replacing: 13502592, 1204648  
 Servicing: Opel, Vauxhall  
 Grooves 6, Pulley SP/FW, Fan IF

**NEW PRODUCT**  
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**116018\*** Alternator 28 V, 55 Amp  
 Replacing: AAK1385, 11.201.753  
 Servicing: Deutz-Fahr  
 Grooves 1, Pulley P, Fan EF, Insulated  
 return  
*Dust proof.*

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**116055\*** Alternator 28 V, 60 Amp  
 Replacing: 600-861-6510, 102211-4080  
 Servicing: Komatsu  
 Grooves 2, Pulley DP, Fan IF

**NEW PRODUCT**  
[www.hc-cargo.com](http://www.hc-cargo.com)

**116079\*** Alternator 14 V, 90 Amp  
 Replacing: 5D46047G01  
 Servicing: Thermo King  
 Pulley w/o, Fan EF



**110482** Generator 12 V, 22 Amp  
 Manufacturer: Lucas  
 Replacing: DNL12-22, 69EB10002CA, 69EB10002C1, 1516986, NDB100, 26021103, 22789A, 22789, 22785D, 22785A, 22785, 22775E, 22775A, 22775, 22767F, 22767D  
 Servicing: Austin, Case, Ford, Lotus, MG, Morris, Triumph, Various Agriculture Vehicles  
 Length 230.00, Pulley w/o



**110483** Generator 12 V, 11 Amp  
 Manufacturer: Lucas  
 Replacing: DNL12E-42, NDB101, 26021104, 22791A, 22791, 22788A, 22788, 22780D, 22780B, 22780A, 22780, 22733J, 22733E  
 Servicing: Allis Chalmers, Case, Massey Ferguson  
 Length 226.00



**110484** Generator 12 V, 22 Amp  
 Manufacturer: Lucas  
 Replacing: 22792A, 22792, 22783A, 22783, 22769D, 22769B, 22769, 22764E, 22764A, 22764, 22762E, 22762B, 22762, 534054D  
 Servicing: Allis Chalmers, Case, Ford, Massey Ferguson  
 Length 238.00, Pulley w/o



**111225** Generator 12 V, 30 Amp  
 Replacing: 0101304014, 0101304013, 0101302118, 0101302117, 0101302116, 0101302115, 0101302112, 0101302111  
 Servicing: VW  
 Length 160.00, Pulley w/o



**111919** Generator 12 V, 11 Amp  
 Replacing: G113-01A  
 Servicing: Harley Davidson  
 Length 235.00, Pulley w/o  
 Regulator: HC-CARGO 235781. CCW.



**113142** Dynastarter 12 V, 15 Amp  
 Replacing: 1101998, 1101986, 1101951  
 Servicing: Cub Cadet  
 Length 262.00, Pulley w/o  
 Regulator: HC-CARGO 233623, 233624.  
 Solenoid: HC-CARGO 132939. Nut: HC-CARGO 132346.



**113143** Dynastarter 12 V, 25 Amp  
 Replacing: 1101432  
 Servicing: Case, Cub Cadet, Jacobsen, Massey Ferguson, Roper, Simplicity  
 Length 265.00, Pulley w/o  
 Nut: HC-CARGO 132346.



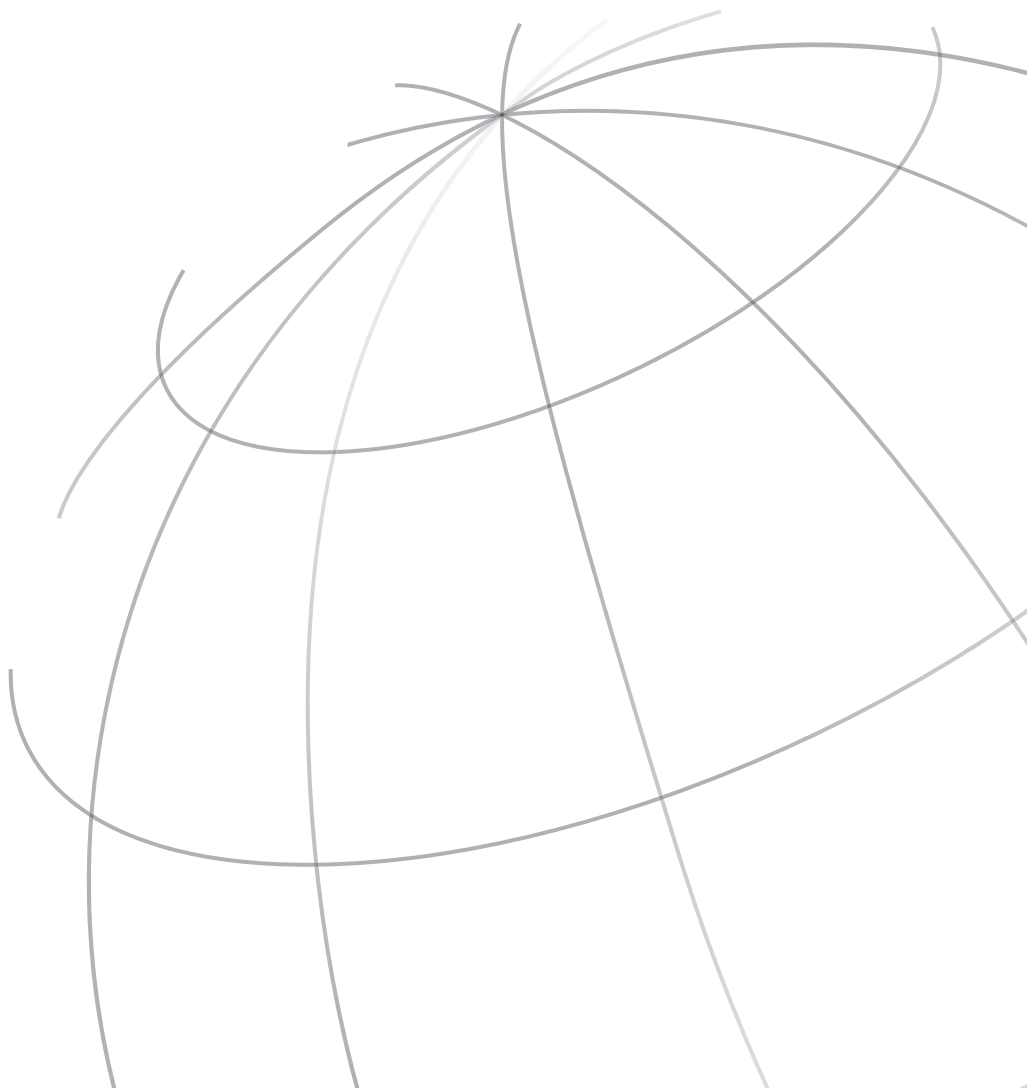




# Starters

Edition 2017-2019

ISO 9001  
BUREAU VERITAS  
Certification





**110149** Starter 12 V, 0.9 kW  
 Replacing: 9000692069  
 Servicing: Mazda, Mercury  
 B+ M8, Total length 198.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (2)  
 A: 74.00 B: 15.00 mm



**110205** Starter 24 V, 6.5 kW  
 Replacing: 9000084024, 9000084019,  
 0001417041, 0001411012, 0001411008  
 Servicing: Volvo  
 B+ M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Waterproof  
 A: 89.00 B: 47.50 mm



**110206** Starter 24 V, 5.4 kW  
 Replacing: 0001416079, 0001416078,  
 0001416023, 0001416002, 0001415027,  
 0001415001, 0001410088, 0001410002  
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra  
 B+ M12, B- M10, Total length 390.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**110207** Starter 24 V, 5.4 kW  
 Replacing: 0001417035, 0001416070,  
 0001416007, 0001416005, 0001415013,  
 0001414019, 0001410046, 0001402057  
 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110208** Starter 24 V, 5.4 kW  
 Replacing: BNG4/24CRS162, 9000084018,  
 0001416076, 0001416021, 0001416009,  
 0001416008, 0001415016, 0001415004  
 Servicing: Fiat-Allis, Mercedes-Benz, Steyr,  
 Volvo  
 B+ M10, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Oil sealed, Waterproof  
 A: 89.00 B: 48.50 mm



**110209** Starter 24 V, 5.4 kW  
 Replacing: 9000084008, 0001416043,  
 0001410067, 0001410060  
 Servicing: DAF  
 B+ M12, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110210** Starter 24 V, 6.6 kW  
 Replacing: 0001417051, 0001417038,  
 0001417001, 0001411009, 0001410024  
 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan,  
 Ssangyong  
 B+ M12, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 48.50 mm



**110212** Starter 24 V, 6.6 kW  
 Replacing: 0001417046, 0001417045,  
 0001416048, 0001415015, 0001415014,  
 0001411005, 0001410115, 0001410098  
 Servicing: Iveco, Scania  
 B+ M10, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.65 mm



**110213** Starter 24 V, 6.6 kW  
 Replacing: 0001417005, 0001411025, 0001410065  
 Servicing: Fiat, Iveco  
 B+ M12, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 115.00 B: 20.80 mm



**110214** Starter 24 V, 6.6 kW  
 Replacing: 0001501035, 0001501033,  
 0001501029, 0001501020, 0001417043,  
 0001415008, 0001410037  
 Servicing: Scania  
 B+ M10, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 92.00 B: 37.00 mm



**110279** Starter 12 V, 0.8 kW  
 Replacing: 0001112018  
 Servicing: Nissan  
 B+ M8, Total length 227.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 A: 70.00 B: 42.00 mm


**110336** Starter 12 V, 0.75 kW

Replacing: B001111025, 0001211989, 0001211533, 0001211513, 0001211228, 0001211206, 0001211049, 0001208718

Servicing: Ford, Mercury, Triumph

B+ M8, 15a M5, Total length 224.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm


**110347** Starter 24 V, 7.5 kW

Replacing: 0001420011, 0001420010, 0001420008, 0001420006, 0001420002

Servicing: Caterpillar, Clark, Fiat-Allis, Iveco

B+ 1/2" UNC, B- 1/2" UNC, Total length 522.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return, Oil sealed

Replacing: 50MT.

A: 92.00 B: 47.00 mm


**110352** Starter 12 V, 1.3 kW

Replacing: 0001208218

Servicing: Fiat, Lada

B+ M8, Total length 237.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (3)

A: 83.00 B: 22.30 mm


**110363** Starter 12 V, 0.7 kW

Replacing: R007042024, 9007042024, 9000082009, 9000042034, 9000042027, 9000042021, 0001211998, 0001211997

Servicing: BMW, Porsche, VW

B+ M8, Total length 214.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm


**110364** Starter 12 V, 0.65 kW

Replacing: 0001157029, 0001157025, 0001157013, 0001157012, 0001157010, 0001157009, 0001157004, 0001157003

Servicing: Opel, Vauxhall

B+ M8, 15a 6.30, Total length 229.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 68.00 B: 14.00 mm


**110365** Starter 12 V, 0.8 kW

Replacing: 9000334102, 9000333122, 9000330939, 9000141107, 9000141101

Servicing: Autobianchi, Fiat, Lancia, Seat

B+ M8, Total length 236.50, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 62.00 B: 12.50 mm


**110367** Starter 12 V, 1.0 kW

Manufacturer: Lucas

Replacing: 9004475310, 9000330950, 9000330937, 9000330910, 9000330119, 9000141112, 9000141111, 9000141103

Servicing: Dacia, DAF, Renault, Volvo

B+ M8, Total length 200.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 66.00 B: 10.50 mm


**110368** Starter 12 V, 2.3 kW

Replacing: 9000143408, 9000143406, 0001362601, 0001362600, 0001362047, 0001362030, 0001362029, 0001362002

Servicing: Audi, Mercedes-Benz, Volvo

B+ M10, Total length 289.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 82.50 B: 21.00 mm


**110394** Starter 12 V, 0.85 kW

Replacing: 9000333121, 0001112032

Servicing: Chevrolet, GEO, Suzuki

B+ M8, Total length 207.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 65.85 B: 4.35 mm


**110409** Starter 12 V, 3.0 kW

Replacing: BNG4/12, 0001418002, 0001413003, 0001401045, 0001401044, 0001401037, 0001401036, 0001401005

Servicing: Kaelble, Mack, Sennebogen

B+ M10, Total length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110439** Starter 12 V, 2.0 kW

Replacing: 9000143400, 0001362008

Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, Total length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 25.00 mm





**110443** Starter 12 V, 2.1 kW  
 Replacing: 0001362093, 0001362020  
 Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover  
 B+ M8, Total length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110460** Starter 12 V, 2.8 kW  
 Replacing: 0001367022, 0001359126  
 Servicing: Atlas Copco, Dronningborg, JCB, Massey Ferguson  
 B+ M8, Total length 307.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110461** Starter 12 V, 2.8 kW  
 Replacing: 0001362307, 0001358202, 0001358201, 0001358200  
 Servicing: Ford, Lancer Boss, Various Agriculture Vehicles  
 B+ M8, 30h M5, Total length 272.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**110462** Starter 12 V, 2.8 kW  
 Replacing: 9007044014, 0001362067  
 Servicing: Buhner, Ford, Matbro, New Holland  
 B+ M8, Total length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 4 KW: HC-CARGO 115391.  
 A: 92.00 B: 20.00 mm



**110465** Starter 12 V, 2.8 kW  
 Replacing: 0001359082  
 Servicing: Ford  
 B+ M8, Total length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm



**110517** Starter 24 V, 3.2 kW  
 Replacing: 0001363111, 0001363101  
 Servicing: BENFRA, Fiat-Allis, Iveco  
 B+ M10, Total length 295.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110518** Starter 24 V, 4.0 kW  
 Replacing: 0001368020, 0001360063  
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110519** Starter 12 V, 3.0 kW  
 Replacing: 0001367073, 0001367030, 0001367026, 0001359071  
 Servicing: Iveco, Volvo  
 B+ M10, Total length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110520** Starter 24 V, 4.0 kW  
 Replacing: 0001368021, 0001360027, 0001360007, 0001359127  
 Servicing: Cummins, Fiat-Allis  
 B+ M10, Total length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.50 mm



**110521** Starter 24 V, 4.0 kW  
 Replacing: 0001368019, 0001360043, 0001360015  
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110522** Starter 12 V, 3.0 kW  
 Replacing: 0986012720, 0001367029, 0001359122, 0001230009  
 Servicing: Fiat, Fiat-Allis, Iveco, New Holland  
 B+ M10, Total length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 26.50 mm



**110523** Starter 24 V, 4.8 kW  
 Replacing: 0001368088, 0001368007, 0001368001, 0001360035, 0001360030, 0001360014, 0001360012, 0001360003  
 Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader  
 B+ M10, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 27.50 mm


**110524** Starter 24 V, 4.0 kW

Replacing: F000AL0157, B001816326, 9000143601, 9000083065, 0001368309, 0001368307, 0001368300, 0001368062

Servicing: Mercedes-Benz

 B+ M10, Total length 341.00,  
Drive type Steel, Gear type DD,  
Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110525** Starter 12 V, 3.0 kW

Replacing: 9007044002, 9000083054, 9000083028, 0001367303, 0001367301, 0001367300, 0001367059, 0001367034

Servicing: Claas, Mercedes-Benz

 B+ M10, Total length 341.00,  
Drive type Steel, Gear type DD,  
Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110527** Starter 24 V, 4.0 kW

Replacing: 0001368316, 0001368301, 0001368010, 0001360057, 0001360039, 0001360038, 0001360010

Servicing: Scania, Steyr

 B+ M10, Total length 342.00,  
Drive type Steel, Gear type DD,  
Mount. holes 3 (0)

Not Insulated return.

A: 89.00 B: 46.50 mm


**110529** Starter 12 V, 3.0 kW

Replacing: 0001367082, 0001367028, 0001367023, 0001359102, 0001359021

Servicing: Agrifull, BENFRA, Fiat, Fiat-Allis, Iveco

 B+ M10, Total length 340.50,  
Drive type Steel, Gear type DD,  
Mount. holes 3 (0)

A: 110.00 B: 30.00 mm


**110530** Starter 12 V, 3.0 kW

Replacing: EJD3/12BR3, 0004314011, 0001367013, 0001362035, 0001362022, 0001362009, 0001359108, 0001359004

Servicing: Huerlimann, Lamborghini, Same

 B+ M10, Total length 342.00,  
Drive type Steel, Gear type DD,  
Mount. holes 2 (0)

A: 82.50 B: 22.00 mm


**110531** Starter 24 V, 6.6 kW

Replacing: 0001417036, 0001417017

Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz

 B+ M12, B- M10, Total length 405.00,  
Drive type Steel, Gear type DD,  
Mount. holes 0 (0)

A: 56.00 B: 37.00 mm


**110532** Starter 24 V, 6.6 kW

Replacing: 0001417074, 0001417073, 0001417006, 0001411026, 0001411017

Servicing: Iveco

 B+ M10, B- M10, Total length 405.00,  
Drive type Steel, Gear type DD,  
Mount. holes 3 (0), Waterproof

A: 115.00 B: 21.00 mm


**110533** Starter 24 V, 5.4 kW

Replacing: 0001416003, 0001415011, 0001410062

Servicing: Steyr

 B+ M10, B- M10, Total length 387.00,  
Drive type Steel, Gear type DD,  
Mount. holes 3 (0)

A: 89.00 B: 46.50 mm


**110534** Starter 24 V, 5.4 kW

Replacing: 0001416035, 0001416030, 0001410109, 0001410099, 0001410063, 0001410053

Servicing: Ford, Iveco, Various Agriculture Vehicles

 B+ M10, Total length 390.00,  
Drive type Steel, Gear type DD,  
Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110535** Starter 24 V, 5.4 kW

Replacing: 0001416036, 0001410111

Servicing: Iveco

 B+ M10, B- M10, Total length 384.00,  
Drive type Steel, Gear type DD,  
Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110536** Starter 12 V, 2.7 kW

Replacing: 26025155A, 0001367004, 0001362313, 0001362311, 0001362305, 0001362091, 0001362034, 0001362016

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

 B+ M10, Total length 234.00, Drive type Steel,  
Gear type GR, Mount. holes 3 (0)

Alternative no.: 116086

A: 89.00 B: 28.00 mm




**110537** Starter 12 V, 3.6 kW

Replacing: BNG4/12CR247, BNG4/12CR215, 0001418012, 0001418001, 0001413006, 0001413002, 0001413001, 0001401066

Servicing: Volvo BM

B+ M10, B- M10, Total length 384.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110538** Starter 12 V, 3.6 kW

Replacing: BNG4/12CR238, 0001418009, 0001401060, 0001401023

Servicing: Volvo Penta

B+ M10, B- M10, Total length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return

A: 89.00 B: 47.00 mm


**110539** Starter 12 V, 3.6 kW

Replacing: 0001418014, 0001413017

Servicing: Claas, Mercedes-Benz, New Holland

B+ M10, B- M10, Total length 384.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


**110545** Starter 12 V, 3.0 kW

Replacing: 0001367067, 0001367032, 0001359124, 0001359047

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, Total length 335.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110551** Starter 12 V, 3.0 kW

Replacing: 0001367009, 0001359099, 0001359053, 0001359048, 0001359001

Servicing: Lamborghini, Same, Ursus, Zetor

B+ M10, Total length 326.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110552** Starter 12 V, 1.2 kW

Replacing: 0001108181, 0001107078

Servicing: Ford, JCB, John Deere, Volvo Penta

B+ M8, Total length 211.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm


**110565** Starter 12 V, 2.8 kW

Replacing: 9004475058, 0001367040

Servicing: Eicher, Massey Ferguson

B+ M8, Total length 313.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

4 KW: HC-CARGO 115392.

A: 89.00 B: 29.50 mm


**110582** Starter 24 V, 5.4 kW

Replacing: 0001416052, 0001416011, 0001415017, 0001410106

Servicing: Iveco

B+ M10, B- M10, Total length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


**110584** Starter 12 V, 1.2 kW

Replacing: F000AL0327, 0001112041, 0001112029, 0001112019, 0001112007

Servicing: Citroen, Fiat, Peugeot

B+ M8, Total length 210.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

B: -6.00 mm


**110585** Starter 12 V, 1.2 kW

Replacing: 9000333117, 0001208717, 0001208528, 0001208526, 0001208517, 0001208515

Servicing: Renault, Volvo

B+ M8, Total length 214.15, Drive type Steel, Gear type DD, Mount. holes 4 (4)

A: 66.00 B: -2.00 mm


**110587** Starter 12 V, 1.2 kW

Replacing: 0001208707, 0001208516

Servicing: Citroen, Peugeot

B+ M8, Total length 208.20, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (3)

A: 66.00 B: -4.00 mm


**110601** Starter 24 V, 5.4 kW

Replacing: BNG4/24CRS165SR, BNG4/24CR165SR, 0001416013, 0001415010, 0001414017, 0001410030, 0001410029

Servicing: Mercedes-Benz, Steyr

B+ M10, Total length 386.25, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 47.50 mm





**110615** Starter 12 V, 2.8 kW  
 Replacing: 9004475035  
 Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins  
 B+ M8, Total length 312.25, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 28.60 mm



**110793** Starter 12 V, 0.9 kW  
 Replacing: 0001208211  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 221.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)  
 A: 66.00 B: 22.00 mm



**110818** Starter 12 V, 2.1 kW  
 Replacing: 0001362084, 0001362060  
 Servicing: Case, Fiat-Allis, Massey Ferguson  
 B+ M8, 15a 6.30, Total length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 24.60 mm



**110640** Starter 12 V, 3.0 kW  
 Replacing: 0001367014, 0001359091  
 Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long  
 B+ M10, Total length 310.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 26.00 mm



**110812** Starter 12 V, 2.0 kW  
 Replacing: 0001362073  
 Servicing: Alfa Romeo, Fiat, Seat  
 B+ M10, Total length 293.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110819** Starter 12 V, 2.8 kW  
 Replacing: 0001362049  
 Servicing: Eicher, Massey Ferguson, Perkins  
 B+ M8, Total length 311.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 23.00 mm



**110772** Starter 12 V, 1.0 kW  
 Replacing: 0001311045, 0001311025, 0001311016  
 Servicing: BMW  
 B+ M8, 15a 6.30, Total length 271.25, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 A: 76.00 B: 27.30 mm



**110813** Starter 12 V, 2.7 kW  
 Replacing: 0001362105, 0001362039, 0001362032, 0001223504, 0001223503  
 Servicing: Agrifull, Allis Chalmers, BENFRA, Fiat, Fiat-Allis, Goldoni, Iveco  
 B+ M10, Total length 294.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110831** Starter 12 V, 0.8 kW  
 Replacing: 0001211515, 0001211239, 0001211237, 0001208519, 0001208514, 0001208220  
 Servicing: Ford  
 B+ M8, Total length 258.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 31.00 mm



**110775** Starter 12 V, 1.8 kW  
 Replacing: 0001362038, 0001362028, 0001362027, 0001362004, 0001362003  
 Servicing: Claas, Mercedes-Benz  
 B+ M10, Total length 288.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)  
 A: 83.00 B: 20.00 mm



**110814** Starter 12 V, 2.7 kW  
 Replacing: 0001362062  
 Servicing: Alfa Romeo, BENFRA, Fiat, Iveco, Lancia, Massey Ferguson, Renault  
 B+ M10, Total length 296.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 26.80 mm



**110838** Starter 12 V, 1.5 kW  
 Replacing: B001315183, 0001315183, 0001314030, 0001314029, 0001314005  
 Servicing: Mercedes-Benz  
 B+ M8, 15a M5, Total length 270.65, Drive type Steel, Gear type DD, Mount. holes 2 (2)  
 A: 82.40 B: 20.25 mm


**110839** Starter 12 V, 1.7 kW

Replacing: B001117012, 0001110115, 0001110055, 0001110012

Servicing: Opel, Vauxhall

B+ M8, Total length 269.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 82.00 B: 19.60 mm


**110842** Starter 12 V, 1.4 kW

Replacing: 0001108133, 0001108119, 0001108118, 0001108109, 0001108084, 0001108035

Servicing: Ford, Merkur

B+ M8, Total length 243.30, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 5.35 mm


**110844** Starter 12 V, 2.2 kW

Replacing: 0001218122, 0001218011

Servicing: Bedford, Ferrari, Goldoni, Lombardini, Opel, Valpadana, Vauxhall, VW

B+ M8, Total length 278.45, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 16.00 mm


**110847** Starter 12 V, 1.4 kW

Replacing: 0001208225, 0001131112, 0001108184, 0001108171, 0001108151, 0001108079, 0001108078, 0001108047

Servicing: Opel, Saab, Toyota, Vauxhall

B+ M8, Total length 242.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 19.00 mm


**110858** Starter 12 V, 0.7 kW

Replacing: 9000692062, 0001211222, 0001211221

Servicing: VW

B+ M8, 15a 6.30, Total length 224.50,

Drive type Steel, Gear type DD,

Mount. holes 2 (0)

Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 44.00 mm


**110862** Starter 12 V, 1.5 kW

Replacing: 0001314036, 0001314035, 0001314027

Servicing: Mercedes-Benz, Puch (Steyr-Daimler)

B+ M8, 15a M5, Total length 265.00,

Drive type Steel, Gear type DD/GR,

Mount. holes 2 (2)

A: 82.50 B: 25.40 mm


**110864** Starter 12 V, 0.7 kW

Replacing: 9000692051, 0001212207, 0001212206

Servicing: VW

B+ M8, 15a 6.30, Total length 225.00,

Drive type Steel, Gear type DD/GR,

Clutch type Dry, Mount. holes 3 (0)

A: 82.50 B: 15.00 mm


**110865** Starter 12 V, 0.95 kW

Replacing: B001180009, 9000082059, 9000082050, 0001211505, 0001211504, 0001208714, 0001208713, 0001208712

Servicing: Audi, VW

B+ M8, Total length 220.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (3)

Bushing D.E. (clutch house): HC-CARGO 140500.

A: 82.50 B: 15.00 mm


**110867** Starter 12 V, 1.7 kW

Replacing: B001117070, 0001317023, 0001110105, 0001110104, 0001110088, 0001110064, 0001110043, 0001110019

Servicing: Ford, Mazda

B+ M8, Total length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 14.25 mm


**110869** Starter 12 V, 1.5 kW

Replacing: 0001314033, 0001314018, 0001314002, 0001313007, 0001313005, 0001313003, 0001313001

Servicing: Audi, Mercedes-Benz

B+ M8, Drive type Steel, Gear type DD, Mount. holes 2 (1)

A: 82.50 B: 22.00 mm


**110932** Starter 24 V, 5.4 kW

Replacing: 0001416044, 0001410068, 0001410057

Servicing: DAF

B+ M10, B- M10, Total length 384.50,

Drive type Steel, Gear type DD,

Mount. holes 3 (0), Insulated return

A: 88.85 B: 47.00 mm


**110980** Starter 24 V, 5.4 kW

Replacing: 0001416065, 0001416061

Servicing: Volvo

B+ M10, B- M10, Total length 387.00,

Drive type Steel, Gear type DD,

Mount. holes 3 (0)

A: 92.00 B: 47.00 mm





**110981** Starter 24 V, 5.4 kW  
 Replacing: 0001416067, 0001416062  
 Servicing: DAF  
 B+ M12, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 110.00 B: 47.50 mm



**110996** 5★ Starter 12 V, 1.7 kW  
 Manufacturer: Mahle Letrika  
 Replacing: B001329010, 0001317021,  
 0001317020, 0001317019, 0001317018,  
 0001317015, 0001317014, 0001317010  
 Servicing: VW  
 B+ M8, Total length 265.00,  
 Drive type Steel, Gear type DD/GR,  
 Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO  
 140008.  
 A: 76.00 B: 32.00 mm



**110997** Starter 12 V, 0.8 kW  
 Replacing: 0001208217, 0001208216,  
 0001208208, 0001208201, 0001208200,  
 0001208061, 0001208060, 0001208058  
 Servicing: Audi, Mercedes-Benz, Pontiac,  
 Porsche, VW  
 B+ M8, 15a M5S, Total length 234.75,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (1)  
 A: 82.45 B: 21.20 mm



**110998** 5★ Starter 24 V, 5.2 kW  
 Manufacturer: Prestolite  
 Replacing: 0001368038  
 Servicing: DAF, Ford  
 B+ M8, Total length 166.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**110999** Starter 24 V  
 Replacing: 0001420013, 0001420009,  
 0001420005, 0001420004, 0001420003,  
 0001420001  
 Servicing: Case, Caterpillar, Fiat-Allis,  
 Peterbilt Trucks, Various, Volvo  
 B+ 1/2" UNC, B- 1/2" UNC,  
 Total length 499.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 42MT.  
 A: 92.00 B: 46.50 mm



**111000** Starter 24 V, 6.5 kW  
 Replacing: 0001371018  
 Servicing: Caterpillar, Clark, Cummins, Fiat-  
 Allis  
 B+ 1/2" UNC, B- 1/2" UNC,  
 Total length 497.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed  
 w/ rotating D.E. Bracket. Replacing: 42MT.  
 A: 92.00 B: 46.00 mm



**111001** Starter 12 V, 3.0 kW  
 Replacing: 0001367005, 0001362036,  
 0001362023, 0001359113, 0001359083,  
 0001359056, 0001359038, 0001358005  
 Servicing: Lamborghini, Same, Steyr  
 B+ M10, Total length 340.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.00 B: 21.60 mm



**111003** Starter 24 V, 5.4 kW  
 Replacing: 0001416004, 0001415007,  
 0001410094, 0001410052  
 Servicing: Hanomag, Mercedes-Benz  
 B+ M10, B- M10, Total length 387.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Waterproof  
 A: 89.00 B: 47.50 mm



**111004** Starter 12 V, 2.4 kW  
 Replacing: 0001362046, 0001358047  
 Servicing: Atlas Copco, KHD  
 B+ M10, Total length 294.50, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 19.50 mm



**111010** Starter 12 V, 1.4 kW  
 Replacing: 0001108102, 0001108101,  
 0001108073, 0001108072, 0001108029,  
 0001108028, 0001108027, 0001108026  
 Servicing: Audi, VW  
 B+ M8, 15a 6.30, Total length 243.25,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (1)  
 A: 82.50 B: 20.80 mm





**111015** Starter 12 V, 1.1 kW  
 Replacing: 0001108129, 0001107085, 0001107062, 0001107033  
 Servicing: Lombardini, Various Agriculture Vehicles  
 B+ M8, Total length 216.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 A: 76.00 B: 15.00 mm



**111025** Starter 12 V, 0.8 kW  
 Replacing: 0001211536  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M8, Total length 209.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (2)  
 A: 64.00 B: 11.00 mm



**111029** Starter 12 V, 1.4 kW  
 Replacing: 0001108162, 0001108125, 0001108112, 0001108074  
 Servicing: Citroen, Nissan, Peugeot, Rover  
 B+ M8, Total length 207.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)  
 A: 62.00 B: -5.00 mm



**111030** Starter 12 V, 1.4 kW  
 Replacing: B00111475, 0001114021, 0001114017, 0001114008, 0001112009, 0001108155, 0001108132, 0001108110  
 Servicing: Ford, Volvo  
 B+ M8, Total length 246.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)  
 A: 76.20 B: 14.00 mm



**111041** Starter 12 V, 2.8 kW  
 Replacing: 0001362302, 0001359114, 0001359058, 0001359029  
 Servicing: Fiat-Allis, Hyster, Perkins  
 B+ M10, Total length 338.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 22MT, 27MT, 28MT.  
 A: 88.85 B: 46.25 mm



**111046** Starter 24 V, 6.6 kW  
 Replacing: 0001417002  
 Servicing: MAN, Volvo  
 B+ M10, Total length 404.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 88.85 B: 48.00 mm



**111054** Starter 12 V, 1.1 kW  
 Replacing: EGD1/12AR37, 0001311114, 0001311104, 0001311103, 0001311032, 0001311027, 0001311001, 0001305016  
 Servicing: Volvo, Volvo Penta  
 B+ M8, 15a 4.80, Total length 263.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)  
 Bosch OE do not have threaded Mounting holes.  
 A: 82.40 B: 35.00 mm



**111055** Starter 12 V, 0.7 kW  
 Replacing: 0986010030, 0001157030, 0001157028, 0001157024, 0001112008  
 Servicing: Opel, Pontiac, Vauxhall  
 B+ M8, 15a 6.30, Total length 229.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 67.95 B: 18.25 mm



**111058** Starter 12 V, 0.8 kW  
 Replacing: 0001211530, 0001211529, 0001211526, 0001211525, 0001113002, 0001113001  
 Servicing: Audi, Seat, VW  
 B+ M8, 15a 6.30, Total length 215.50, Drive type Steel, Gear type DD, Mount. holes 3 (2)  
 Bushing D.E. (clutch house): HC-CARGO 140500.  
 A: 82.35 B: 14.75 mm



**111059** Starter 12 V, 0.9 kW  
 Replacing: B001181007, B001110116, 9000692050, 9000042057, 0001211258, 0001211257, 0001208419, 0001208418  
 Servicing: Seat, VW  
 B+ M8, 15a 6.30, Total length 230.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140008.  
 A: 76.00 B: 33.00 mm



**111060** Starter 12 V, 1.7 kW  
 Replacing: B001117071, 0001125015, 0001117008, 0001110134, 0001110133, 0001110015, 0001110014, 0001110002  
 Servicing: VW  
 B+ M8, Total length 264.35, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 31.80 mm



**111061** Starter 12 V, 0.8 kW  
 Replacing: 0001211254, 0001211253, 0001211252, 0001211251  
 Servicing: VW  
 B+ M8, Total length 230.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140008.  
 A: 76.10 B: 44.50 mm



**111068** Starter 12 V, 0.85 kW  
 Replacing: 0001208518, 0001208226  
 Servicing: Citroen, Peugeot, Talbot  
 B+ M8, Total length 212.25, Drive type Steel, Gear type DD, Mount. holes 3 (3)  
 A: 65.85 B: 15.65 mm



**111100** Starter 12 V, 0.7 kW  
 Replacing: 9000141104, 9000141015  
 Servicing: Citroen  
 B+ M8, Total length 207.75, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)  
 A: 65.60 B: 19.80 mm



**111063** Starter 12 V, 1.2 kW  
 Replacing: 9000333114  
 Servicing: Citroen, Peugeot, Renault  
 B+ M8, Total length 208.00, Drive type Steel, Gear type DD, Mount. holes 3 (3)  
 A: 66.00 B: -4.00 mm



**111069** Starter 12 V, 1.7 kW  
 Replacing: 0001310013, 0001110010, 0001110009  
 Servicing: VW  
 B+ M8, Total length 290.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 82.40 B: 42.50 mm



**111103** Starter 12 V, 0.8 kW  
 Manufacturer: Lucas  
 Replacing: 9004475300  
 Servicing: Hillman, MG, Morris, Triumph, Various Agriculture Vehicles, Vauxhall  
 B+ M8, Total length 321.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 88.80 B: 60.35 mm



**111065** Starter 12 V, 2.2 kW  
 Replacing: B001233261, B001233172, B001233121, 0001218765, 0001218165, 0001218108, 0001218021, 0001218006  
 Servicing: Daewoo, Mercedes-Benz, Ssangyong  
 B+ M8, Total length 276.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 82.30 B: 26.50 mm



**111070** Starter 12 V, 1.7 kW  
 Replacing: 0001314034, 0001110056, 0001110017, 0001109026  
 Servicing: Citroen, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot  
 B+ M8, Total length 230.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 66.00 B: -6.50 mm



**111112** Starter 12 V, 2.0 kW  
 Replacing: 0001362083, 0001362078, 0001362077, 0001362070, 0001362069  
 Servicing: Audi, Volvo, VW  
 B+ M10, Total length 287.75, Drive type Steel, Gear type DD, Mount. holes 2 (2)  
 A: 82.45 B: 20.00 mm



**111066** Starter 12 V, 1.05 kW  
 Replacing: 9000331702, 0001208507  
 Servicing: Citroen, Fiat, Peugeot, Talbot  
 B+ M8, Total length 197.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)  
 A: 65.90 B: 21.00 mm



**111088** Starter 12 V, 0.8 kW  
 Replacing: 0001112036  
 Servicing: Daihatsu, Piaggio  
 B+ M8, Total length 209.80, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 64.60 B: 30.00 mm



**111115** Starter 12 V, 2.2 kW  
 Replacing: 0001218620, 0001218020, 0001218003  
 Servicing: Citroen, Peugeot, Talbot  
 B+ M8, Total length 281.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)  
 A: 98.50 B: 37.50 mm





**111118** Starter 12 V, 0.9 kW  
 Replacing: 9000082082, 9000082040, 9000082039, 9000082021  
 Servicing: Fiat  
 B+ M8, Total length 230.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 67.00 B: 13.00 mm



**111120** Starter 12 V, 2.2 kW  
 Replacing: B001233112, B001233104, 0001218130, 0001218112, 0001218111, 0001218017, 0001218005, 0001218004  
 Servicing: Volvo, VW  
 B+ M8, Total length 272.65, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 82.35 B: 21.60 mm



**111123** Starter 12 V, 0.9 kW  
 Replacing: 0001112035, 0001112015, 0001106015, 0001106011  
 Servicing: Chevrolet, Daewoo, Fiat, Mercedes-Benz, Opel, Vauxhall  
 B+ M8, Total length 208.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 67.95 B: 18.55 mm



**111125** Starter 12 V, 2.2 kW  
 Manufacturer: Valeo  
 Replacing: 0001218100  
 Servicing: DAF, LDV, Peugeot, Talbot  
 B+ M8, Total length 257.50, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 A: 88.90 B: 21.00 mm



**111127** Starter 12 V, 1.4 kW  
 Replacing: 0001108093, 0001108053  
 Servicing: Opel, Pontiac, Vauxhall  
 B+ M8, Total length 183.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 Replacing: PG100.  
 A: 68.00 B: 18.00 mm



**111130** Starter 12 V, 1.1 kW  
 Replacing: 0001107063, 0001107019  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Total length 208.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (3)  
 A: 65.90 B: -5.00 mm



**111131** Starter 12 V, 0.8 kW  
 Replacing: 9000333119, 9000333118, 0001114020, 0001114014, 0001113009, 0001113005, 0001113003, 0001112037  
 Servicing: Austin, Ford, Mazda, Rover  
 B+ M8, Total length 208.75, Drive type Steel, Gear type DD, Mount. holes 3 (3)  
 A: 76.15 B: 13.45 mm



**111217** Starter 12 V, 3.0 kW  
 Replacing: BNG4/12CR222, 0001418004, 0001418003, 0001413010, 0001413007, 0001401068, 0001401052, 0001401028  
 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 386.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**111218** Starter 24 V, 5.4 kW  
 Replacing: 0001416028, 0001414011, 0001402079  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 388.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 48.00 mm



**111219** Starter 24 V, 6.6 kW  
 Replacing: 0001417023, 0001416053, 0001415021, 0001411010, 0001410050, 0001410010  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 47.40 mm



**111231** Starter 24 V, 6.6 kW  
 Replacing: 0001417068, 0001417061, 0001417053  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 40.25 mm



**111251** Starter 12 V, 1.1 kW  
 Replacing: 0001107047  
 Servicing: Renault, Volvo  
 B+ M8, Total length 208.20, Drive type Steel, Gear type GR, Mount. holes 4 (4)  
 Short version HC-CARGO 115442.  
 A: 66.00 B: -2.00 mm





**111269** Starter 12 V, 1.4 kW  
 Replacing: 0001108158, 0001108152, 0001108111, 0001108082, 0001108071, 0001108040  
 Servicing: Avia, Ford, Land Rover  
 B+ M8, Total length 245.60, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 A: 88.85 B: 29.00 mm



**111346** Starter 12 V, 2.8 kW  
 Replacing: 9004475061  
 Servicing: Massey Ferguson  
 B+ M8, Total length 314.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**111421** Starter 12 V, 2.2 kW  
 Manufacturer: Bosch  
 Replacing: 0001218741, 0001218141  
 Servicing: Citroen, Fiat  
 B+ M8, Total length 272.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 81.75 B: 26.60 mm



**111304** Starter 12 V, 1.9 kW  
 Manufacturer: Mahle Letrika  
 Replacing: 0001366014, 0001366005, 0001354038, 0001354013, 0001307025  
 Servicing: Sabb  
 B+ M10, Total length 194.75, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 20.70 mm



**111347** Starter 12 V, 1.2 kW  
 Replacing: B001111143, B001111100, B001111010, 0001108149, 0001108124, 0001108008, 0001108003, 0001107403  
 Servicing: Daewoo, Mercedes-Benz, Ssangyong, VW  
 B+ M8, Total length 219.80, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 25.00 mm



**111422** Starter 12 V, 0.8 kW  
 Replacing: F000AL0319, 0001116005, 0001113006  
 Servicing: Fiat, Lancia  
 B+ M8, Total length 206.00, Drive type Steel, Gear type DD, Mount. holes 3 (1)  
 A: 64.00 B: 11.50 mm



**111312** Starter 12 V, 0.8 kW  
 Replacing: 9007045016  
 Servicing: Nissan  
 B+ M8, Total length 221.70, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)  
 A: 70.00 B: 43.00 mm



**111399** Starter 24 V, 4.0 kW  
 Replacing: 0001368083  
 Servicing: DAF  
 B+ M10, B- M8, Total length 352.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 38.00 mm



**111475** Starter 12 V, 0.8 kW  
 Replacing: 9000334103  
 Servicing: Suzuki  
 B+ M8, Total length 185.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 66.00 B: 18.00 mm



**111332** Starter 12 V, 2.7 kW  
 Replacing: 0001362341, 0001362314, 0001362306, 0001362043, 0001362025, 0001359072  
 Servicing: Fendt, Renault Agriculture  
 B+ M8, Total length 293.55, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 21.00 mm



**111400** Starter 12 V, 1.4 kW  
 Replacing: 0001108064, 0001108018  
 Servicing: BMW  
 B+ M8, 30h M5, Total length 246.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 A: 76.00 B: 22.00 mm



**111489** Starter 12 V, 1.4 kW  
 Replacing: 0001311147, 0001311146, 0001108088, 0001108030  
 Servicing: Volvo  
 B+ M8, 15a 4.70, Total length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 34.00 mm



**111490** Starter 12 V, 1.4 kW  
 Replacing: 0001108154, 0001108056,  
 0001108052, 0001108031  
 Servicing: Eagle, Jeep  
 B+ M8, Total length 245.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 66.00 B: 11.00 mm



**111492** Starter 12 V, 1.4 kW  
 Replacing: 0001108123  
 Servicing: Chrysler, Dodge, Nissan, Plymouth  
 B+ M8, Total length 226.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (2)  
 A: 82.00 B: 8.00 mm



**111573** Starter 12 V, 2.8 kW  
 Replacing: 0001359116  
 Servicing: Avia, JCB, TCM, Various  
 Agriculture Vehicles  
 B+ M8, Total length 311.00, Drive type Steel,  
 Gear type DD/GR, Mount. holes 3 (0)  
 A: 101.00 B: 25.50 mm



**111585** Starter 12 V, 0.8 kW  
 Replacing: 9000330948, 9000330929  
 Servicing: Fiat  
 B+ M8, Total length 206.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (3)  
 A: 61.90 B: 13.00 mm



**111619** Starter 12 V, 1.7 kW  
 Replacing: 0001110125, 0001110082,  
 0001110025  
 Servicing: Fiat, Seat  
 B+ M8, Total length 263.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 82.50 B: 24.00 mm



**111637** Starter 24 V, 4.0 kW  
 Replacing: 0001368034, 0001360058,  
 0001360026, 0001231012  
 Servicing: DAF  
 B+ M10, Total length 341.00, Drive type Steel,  
 Gear type DD/GR, Mount. holes 3 (0)  
 A: 88.80 B: 48.00 mm



**111638** Starter 24 V, 4.0 kW  
 Replacing: 0001231014  
 Servicing: Volvo  
 B+ M10, B- M10, Total length 334.00,  
 Drive type Steel, Gear type DD/GR,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.70 mm



**111640** Starter 24 V, 4.0 kW  
 Replacing: 0001368081, 0001368016  
 Servicing: MAN  
 B+ M10, Total length 338.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 88.50 B: 28.00 mm



**111641** Starter 12 V, 0.7 kW  
 Replacing: 0001116001  
 Servicing: Nissan, Renault  
 B+ M8, Total length 195.50,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 2 (1)  
 A: 64.00 B: 0.50 mm



**111680** Starter 12 V, 1.1 kW  
 Replacing: 0001107082, 0001107059  
 Servicing: Ford  
 B+ M8, Total length 211.75,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (2)  
 A: 72.00 B: 15.00 mm



**111685** Starter 12 V, 1.4 kW  
 Replacing: 0001107491, 0001107490,  
 0001107411, 0001107066  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Total length 211.80,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 65.90 B: 10.80 mm



**111693** Starter 12 V, 2.5 kW  
 Replacing: 0001362102  
 Servicing: Fiat, Iveco, Multicar  
 B+ M10, Total length 295.65,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 3 (1)  
 A: 110.00 B: 21.65 mm





**111694** Starter 12 V, 1.8 kW  
 Replacing: 0001110139, 0001110138, 0001110137, 0001110136, 0001110129, 0001110128, 0001110127, 0001110126  
 Servicing: Audi, Ferrari, Seat, Skoda, VW  
 B+ M8, Total length 270.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 16.00 mm



**111750** Starter 12 V, 1.4 kW  
 Replacing: 0001108140, 0001108139, 0001108106, 0001108087, 0001108033, 0001107028, 0001107027, 0001107014  
 Servicing: Ford  
 B+ M8, 15a M5, Total length 208.50, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 13.50 mm



**111769** Starter 12 V, 1.4 kW  
 Manufacturer: Bosch  
 Replacing: 0001108221, 0001108220, 0001108175, 0001108174  
 Servicing: Audi, Skoda, VW  
 B+ M8, Total length 230.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)  
 A: 82.00 B: 27.00 mm



**111724** Starter 12 V, 2.0 kW  
 Replacing: 0001109033  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 82.40 B: 21.00 mm



**111752** Starter 12 V, 2.7 kW  
 Replacing: 0001369016, 0001367001, 0001362300, 0001362063, 0001359074, 0001359014, 0001354080, 0001354073  
 Servicing: Case, Payloader  
 B+ M10, Total length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**111771** Starter 24 V, 6.2 kW  
 Replacing: 0001372001  
 Servicing: Mercedes-Benz  
 B+ M12, Total length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**111748** Starter 12 V, 1.1 kW  
 Replacing: 9000694029, 0001113011, 0001112039, 0001112038, 0001107053, 0001107052, 0001107021, 0001107020  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 223.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 33.00 mm



**111755** Starter 12 V, 3.0 kW  
 Replacing: 0001369022, 0001369005, 0001369001, 0001367078, 0001367075, 0001367037, 0001362316, 0001362312  
 Servicing: John Deere  
 B+ M10, Total length 342.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 82.00 B: 34.00 mm



**111793** Starter 12 V, 3.0 kW  
 Replacing: 0001367076, 0001367048, 0001367017, 0001359088, 0001359020  
 Servicing: Caterpillar, Mercedes-Benz, Volvo  
 B+ M10, Total length 342.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 88.80 B: 28.50 mm



**111749** Starter 12 V, 1.1 kW  
 Replacing: 0001107023, 0001107022  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 245.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 52.00 mm

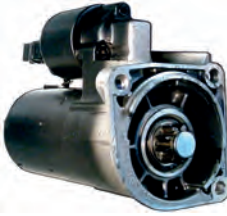


**111805** Starter 12 V, 2.5 kW  
 Replacing: 9000331203, 9000331201  
 Servicing: Ford, Nissan  
 B+ M8, Total length 228.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 11.50 mm





**111817** Starter 12 V, 1.8 kW  
 Replacing: Bosch  
 Replacing: 0001110101, 0001110100  
 Servicing: Audi  
 B+ M8, 15a 6.30, Total length 268.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (1)  
 A: 76.00 B: 29.00 mm



**111823** Starter 12 V, 1.1 kW  
 Replacing: 0001121035, 0001121034, 0001121031,  
 0001121030, 0001121002, 0001121001  
 Servicing: Seat, Skoda, VW  
 B+ M8, Total length 211.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (1)  
 A: 82.50 B: 4.00 mm



**111848** Starter 12 V, 1.0 kW  
 Replacing: F005M00001, B001110097,  
 9000061017, 0001107108, 0001107101,  
 0001107100, 0001107056, 0001107045  
 Servicing: Chevrolet, Citroen, Daewoo,  
 Holden, Isuzu, Opel, Peugeot, Vauxhall  
 B+ M8, Total length 215.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 A: 82.50 B: 19.00 mm



**111851** Starter 12 V, 2.0 kW  
 Replacing: 0001218738, 0001218138,  
 0001218124, 0001110112, 0001110091,  
 0001110075, 0001110016, 0001109290  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 240.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 25.50 mm



**111855** Starter 12 V, 2.2 kW  
 Replacing: 0001223002, 0001218772,  
 0001218172, 0001109370  
 Servicing: KHD, Various Agriculture Vehicles  
 B+ M8, Total length 267.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 82.50 B: 23.00 mm



**111865** Starter 12 V, 1.7 kW  
 Replacing: 0001110120, 0001110090,  
 0001109040, 0001108137  
 Servicing: Lancia, Land Rover  
 B+ M8, Total length 268.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 73.00 B: 39.00 mm



**111874** Starter 12 V, 2.2 kW  
 Replacing: 0001218166  
 Servicing: Toyota  
 B+ M8, Total length 234.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 74.00 B: 3.50 mm



**111885** Starter 12 V, 3.1 kW  
 Replacing: 0001369025, 0001369019,  
 0001369007, 0001367072, 0001367019  
 Servicing: Case  
 B+ M10, Total length 332.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Oil sealed, Waterproof  
*Oil and waterproof.*  
 A: 89.00 B: 48.00 mm



**111900** Starter 12 V, 1.8 kW  
 Replacing: 0001125043, 0001125042,  
 0001125013, 0001125012, 0001125008,  
 0001125007, 0001124002, 0001124001  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 235.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 Alternative no.: 115503   
 A: 76.00 B: 53.00 mm



**111904** Starter 12 V, 1.8 kW  
 Replacing: 0001127022, 0001125003,  
 0001124027, 0001124026, 0001124025,  
 0001124024, 0001124023, 0001124022  
 Servicing: Seat, VW  
 B+ M8, Total length 247.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 66.00 B: 46.70 mm



**111906** Starter 12 V, 1.1 kW  
 Replacing: 0001113017, 0001113010,  
 0001107500, 0001107499, 0001107417,  
 0001107407, 0001107087, 0001107043  
 Servicing: Ford, Mazda, Volvo  
 B+ M8, Total length 214.35, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 26.35 mm



**111908** Starter 12 V, 1.8 kW  
 Replacing: 0001110110  
 Servicing: BMW  
 B+ M8, 30h M5, Total length 265.50,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 76.00 B: 21.50 mm



**111909** Starter 12 V, 1.1 kW  
 Replacing: 0001121029, 0001121028, 0001121007, 0001121006, 0001120403, 0001120402  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 212.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115504   
 A: 76.25 B: 32.00 mm



**111910** Starter 24 V, 6.7 kW  
 Replacing: 0001371006  
 Servicing: Scania  
 B+ M12, B- M10, Total length 429.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**111911** Starter 12 V, 1.4 kW  
 Replacing: 0001108442, 0001108401, 0001108231, 0001108230, 0001108190, 0001108157, 0001108108, 0001107443  
 Servicing: Bertolini, BMW, Ford, Porsche, Various Agriculture Vehicles  
 B+ M8, 30h M5, Total length 231.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (2)  
 A: 76.00 B: 20.50 mm



**111931** Starter 12 V, 1.1 kW  
 Replacing: F000AL0101  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 212.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 70.00 B: 15.00 mm



**111984** Starter 12 V, 1.1 kW  
 Replacing: 0001107075, 0001107030  
 Servicing: Toyota  
 B+ M8, Total length 211.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 8.00 mm



**111994** Starter 12 V, 0.7 kW  
 Replacing: 0001116003  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 194.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)  
 A: 62.00 B: -5.00 mm



**111995** Starter 12 V, 2.0 kW  
 Replacing: B001116092, 0001109067, 0001109066, 0001109022, 0001109021  
 Servicing: Audi, Skoda, VW  
 B+ M8, Total length 285.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 76.00 B: 29.00 mm



**111996** Starter 12 V, 2.2 kW  
 Replacing: 0001218774, 0001218174, 0001109345, 0001109344  
 Servicing: Iveco  
 B+ M8, Total length 274.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)  
 A: 110.00 B: 26.00 mm



**112005** Starter 12 V, 1.1 kW  
 Replacing: 0001121027, 0001121026, 0001121009, 0001121008  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 211.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)  
 A: 76.00 B: 52.00 mm



**112006** Starter 12 V, 2.0 kW  
 Replacing: 0001110132, 0001109034  
 Servicing: Toyota  
 B+ M8, Total length 250.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 74.00 B: 3.50 mm



**112014** Starter 12 V, 2.0 kW  
 Manufacturer: Prestolite  
 Replacing: 0001125514, 0001125513, 0001125504, 0001125503  
 Servicing: VW  
 B+ M8, Total length 237.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 21.00 mm



**112034** Starter 12 V, 1.7 kW  
 Replacing: 0001214002, 0001115042, 0001110033, 0001109029  
 Servicing: ACME, Arona, BCS, Ferrari, Goldoni, Hatz, Lombardini, Mosa, Ruggerini  
 B+ M8, Total length 233.30, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 27.00 mm




**112037** Starter 24 V, 4.0 kW

Replacing: 0001368085

Servicing: Perkins, Volvo

 B+ M10, Total length 340.70,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 29.00 mm

**112039** Starter 12 V, 2.7 kW

 Replacing: 0001366004, 0001358038,  
 0001354091, 0001354012

 Servicing: Fendt, Jenbacher Werke, KHD,  
 Lombardini

 B+ M10, Total length 298.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm

**112040** Starter 12 V, 1.5 kW

Manufacturer: Bosch

Replacing: 0001314047, 0001109363

Servicing: Hatz

 B+ M8, Total length 272.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 82.50 B: 43.50 mm

**112041** Starter 12 V, 2.2 kW

Replacing: 0001362700

Servicing: KHD, Various Agriculture Vehicles

 B+ M10, Total length 293.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 82.50 B: 23.00 mm

**112052** Starter 12 V, 2.2 kW

Replacing: 9000331427, 0001218117, 0001218116

Servicing: VW

 B+ M8, Total length 294.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.00 B: 52.00 mm

**112053** Starter 12 V, 2.2 kW

 Replacing: 0001223001, 0001218757,  
 0001218157, 0001109364

Servicing: Citroen, Peugeot

 B+ M8, Total length 272.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 74.00 B: -6.00 mm

**112055** Starter 24 V, 5.2 kW

Manufacturer: Bosch

 Replacing: 0001368313, 0001364400,  
 0001231041, 0001231013

Servicing: DAF

 B+ M10, Total length 340.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 48.00 mm

**112074** Starter 12 V, 3.1 kW

 Replacing: 0001369023, 0001369020,  
 0001369015, 0001367006

Servicing: Ford, New Holland

 B+ M8, Total length 329.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm

**112116** Starter 24 V, 6.6 kW

Replacing: 0001417075, 0001417065

Servicing: Volvo

 B+ M12, B- M12, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 92.00 B: 47.00 mm

**112119** Starter 24 V, 6.6 kW

Replacing: 0001417042

Servicing: Scania

 B+ M10, B- M10, Total length 406.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 37.00 mm

**112120** Starter 24 V, 6.6 kW

Replacing: 0001417037, 0001411022

Servicing: MAN, Mercedes-Benz

 B+ M12, B- M10, Total length 405.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 92.00 B: 47.50 mm




**112131** Starter 12 V, 1.4 kW

 Replacing: 0001108077, 0001108076,  
0001107004, 0001107003

Servicing: VW

 B+ M8, 15a 6.30, Total length 244.00,  
Drive type Steel, Gear type GR,  
Mount. holes 2 (0)

Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 52.00 mm


**112132** Starter 24 V, 4.0 kW

Replacing: 0001368030, 0001360036, 0001360023

Servicing: Volvo BM

 B+ M10, Total length 339.00,  
Drive type Steel, Gear type DD,  
Mount. holes 3 (0), Oil sealed

A: 88.70 B: 47.00 mm


**112135** Starter 12 V, 3.1 kW

 Replacing: 0001369018, 0001362301, 0001362064,  
0001359075, 0001359019, 0001354074

Servicing: Case

 B+ M10, Total length 315.50,  
Drive type Steel, Gear type DD,  
Clutch type Dry, Mount. holes 3 (0)

A: 88.80 B: 22.00 mm


**112166** Starter 12 V, 1.7 kW

 Replacing: 0001110119, 0001110118,  
0001110087, 0001110086, 0001110070, 0001110069

Servicing: Ford, VW

 B+ M8, Total length 288.50,  
Drive type Steel, Gear type GR,  
Clutch type Dry, Mount. holes 2 (0)

Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 52.00 mm


**112167** Starter 12 V, 1.8 kW

Replacing: 0001110062, 0001110061

Servicing: VW

 B+ M8, Total length 236.00,  
Drive type Steel, Gear type GR,  
Mount. holes 3 (0)

 Bushing D.E. (clutch house): HC-CARGO  
140018.

A: 76.00 B: 52.00 mm


**112171** Starter 12 V, 1.1 kW

Manufacturer: Bosch

Replacing: 0001107024

 Servicing: BCS, Bertolini, Ferrari, Goldoni,  
Lombardini, Piaggio, Valpadana

 B+ M8, Total length 220.00,  
Drive type Steel, Gear type GR,  
Clutch type Dry, Mount. holes 2 (0)

A: 76.00 B: 28.00 mm


**112172** Starter 12 V, 1.6 kW

 Replacing: 0001314001, 0001110042,  
0001110041, 0001110028

 Servicing: Arona, BMW, Ferrari, Lombardini,  
Mosa

 B+ M8, 30h M5, Total length 267.50,  
Drive type Steel, Gear type GR,  
Clutch type Dry, Mount. holes 2 (0)

A: 76.00 B: 28.00 mm


**112173** Starter 12 V, 2.7 kW

Replacing: 0001367008, 0001354108, 0001354029

 Servicing: Bertolini, BMW, Hatz, VM  
(Stabilimenti Mec)

 B+ M10, Total length 342.50,  
Drive type Steel, Gear type DD,  
Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 20.00 mm


**112174** Starter 24 V, 3.2 kW

Replacing: 0001363123

Servicing: Mercedes-Benz

 B+ M10, Total length 289.00, Drive type Steel,  
Gear type DD, Mount. holes 2 (2)

A: 82.50 B: 21.00 mm


**112175** Starter 12 V, 3.0 kW

Replacing: 0001367054

Servicing: Hyster

 B+ M10, Total length 341.00, Drive type Steel,  
Gear type DD, Clutch type Wet,  
Mount. holes 3 (0), Oil sealed

A: 89.00 B: 48.00 mm


**112221** Starter 12 V, 2.0 kW

 Replacing: B001126081, B001126016,  
0001125512, 0001125511, 0001125502, 0001125501

Servicing: VW

 B+ M8, Total length 236.50,  
Drive type Steel, Gear type GR,  
Clutch type Dry, Mount. holes 2 (2)

A: 82.50 B: 21.70 mm



**112224** Starter 24 V, 6.7 kW  
 Replacing: 0001371004  
 Servicing: Scania  
 B+ M12, Total length 428.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 92.00 B: 48.00 mm



**112235** Starter 12 V, 1.4 kW  
 Replacing: 0001108121  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 225.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (2)  
 A: 76.10 B: 13.00 mm



**112236** Starter 12 V, 1.8 kW  
 Replacing: B001127041, 0001124014, 0001124013  
 Servicing: Seat, Skoda, VW  
 B+ M8, Total length 245.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.10 B: 27.50 mm



**112249** Starter 12 V, 2.7 kW  
 Replacing: 9000143200, 0001366025,  
 0001354095, 0001354088, 0001354031  
 Servicing: Mercedes-Benz, Various  
 Agriculture Vehicles  
 B+ M10, Total length 295.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 82.50 B: 21.50 mm



**112267** Starter 12 V, 2.5 kW  
 Replacing: 0001367079, 0001362332,  
 0001362321, 0001362319  
 Servicing: Bobcat, Cummins, Ford  
 B+ M10, Total length 339.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm



**112286** Starter 12 V, 1.7 kW  
 Replacing: 0001125036, 0001125035,  
 0001125014, 0001125006, 0001125005,  
 0001124004, 0001124003, 0001110099  
 Servicing: Audi, Ford, Mercedes-Benz, Seat,  
 Skoda, VW  
 B+ M8, Total length 236.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.10 B: 32.00 mm



**112289** Starter 12 V, 0.8 kW  
 Replacing: 9000082061, 0001211246, 0001112024  
 Servicing: Fiat, Innocenti, Lancia  
 B+ M8, 15a M5, Total length 224.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (3)  
 A: 64.20 B: 13.00 mm



**112290** Starter 12 V, 2.2 kW  
 Replacing: 0001218728, 0001218128, 0001218105  
 Servicing: Ford, Mazda  
 B+ M8, Total length 264.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 76.00 B: 15.00 mm



**112295** Starter 12 V, 1.7 kW  
 Replacing: B001117311, 9000331411,  
 0001115001, 0001110114, 0001110095,  
 0001110089, 0001110026, 0001110003  
 Servicing: Mitsubishi, Renault, Volvo  
 B+ M8, Total length 265.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 66.00 B: -0.50 mm



**112304** Starter 12 V, 1.4 kW  
 Replacing: 0001108203  
 Servicing: Lada  
 B+ M8, Total length 242.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.20 B: 35.00 mm



**112306** Starter 12 V, 1.1 kW  
 Replacing: 0001108097, 0001108096,  
 0001107006, 0001107005  
 Servicing: VW  
 B+ M8, Total length 254.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 52.00 mm



**112307** Starter 12 V, 1.1 kW  
 Replacing: 0001107104, 0001107103,  
 0001107026, 0001107025  
 Servicing: Seat, VW  
 B+ M8, Total length 234.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 4 (2)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 82.50 B: 2.00 mm



**112309** Starter 12 V, 1.4 kW  
 Replacing: 0001108114, 0001108113  
 Servicing: Audi, VW  
 B+ M8, 15a 6.30, Total length 245.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (1)  
 A: 76.00 B: 27.00 mm



**112321** Starter 12 V, 1.1 kW  
 Replacing: B001110043, 0001112014,  
 0001112013, 0001112006, 0001112005,  
 0001107074, 0001107073, 0001107069  
 Servicing: Audi, Skoda, VW  
 B+ M8, Total length 227.55,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 13.50 mm



**112340** Starter 12 V, 1.4 kW  
 Replacing: 0001108122  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 226.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 4.00 mm



**112429** Starter 12 V, 2.0 kW  
 Replacing: 0001125049, 0001125048,  
 0001125019, 0001125018  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 259.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 62.00 mm



**112430** Starter 12 V, 2.0 kW  
 Replacing: 0001125518, 0001125517,  
 0001125508, 0001125507  
 Servicing: VW  
 B+ M8, Total length 229.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (1)  
 A: 82.50 B: 21.00 mm



**112431** Starter 12 V, 1.1 kW  
 Replacing: 0001107098, 0001107077  
 Servicing: Chevrolet, Daewoo, Opel, Vauxhall  
 B+ M8, Total length 211.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 68.00 B: 18.00 mm



**112435** Starter 12 V, 1.1 kW  
 Replacing: 0001121017, 0001121016  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 210.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 76.00 B: 52.50 mm



**112436** Starter 12 V, 2.3 kW  
 Replacing: 0001223013, 0001218759  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 273.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 81.50 B: 21.50 mm



**112438** Starter 12 V, 2.0 kW  
 Manufacturer: Bosch  
 Replacing: 0001125052, 0001125051,  
 0001125022, 0001125021  
 Servicing: Seat, Skoda, VW  
 B+ M8, Total length 234.25,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 76.00 B: 52.50 mm



**112439** Starter 12 V, 2.2 kW  
 Replacing: 0001218814, 0001218768,  
 0001218168, 0001218152, 0001109413  
 Servicing: Land Rover  
 B+ M8, Total length 274.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 92.00 B: 20.50 mm



**112440** Starter 12 V, 2.2 kW  
 Replacing: 0001223005, 0001218162,  
 0001218156, 0001218150, 0001109250  
 Servicing: Mercedes-Benz, Ssangyong, VW  
 B+ M8, Total length 240.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 26.00 mm





**112441** Starter 12 V, 2.3 kW

Replacing: 0001223024, 0001223007, 0001223003, 0001109376, 0001109375, 0001109371, 0001109307, 0001109306  
 Servicing: Iveco, Mitsubishi, Multicar, Renault V.I.

B+ M8, Total length 258.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 81-84 mm.

Alternative no.: 115505

A: 82.00 B: 27.00 mm



**112442** Starter 12 V, 3.0 kW

Replacing: 0001367077

Servicing: John Deere

B+ M10, Total length 340.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 GR Starter HC-CARGO 115609.

A: 89.00 B: 48.00 mm



**112444** Starter 12 V, 2.0 kW

Manufacturer: Bosch

Replacing: 0001125047, 0001125046, 0001125017, 0001125016

Servicing: VW

B+ M8, Total length 257.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)

A: 76.00 B: 68.00 mm



**112445** Starter 12 V, 1.1 kW

Manufacturer: Bosch

Replacing: 0001107111, 0001107110, 0001107109, 0001107097, 0001107091

Servicing: Fiat, Lancia

B+ M8, Total length 210.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (2)

A: 66.00 B: 12.00 mm



**112446** Starter 24 V, 4.0 kW

Replacing: B001816592, 0001231119, 0001231030, 0001231019, 0001231007

Servicing: MAN

B+ M10, Total length 321.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0)  
 Bosch DD HC-CARGO 113468.

A: 89.00 B: 27.45 mm



**112454** Starter 12 V, 2.2 kW

Replacing: 0001218725, 0001218175, 0001218158, 0001218125, 0001218023

Servicing: Alfa Romeo, Chrysler, Dodge, Jeep, Rover

B+ M8, Total length 274.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)

A: 82.50 B: 21.00 mm



**112455** Starter 12 V, 1.4 kW

Replacing: 0001108146, 0001108025

Servicing: Alfa Romeo, Fiat, Lancia, VW

B+ M8, 15a 6.30, Total length 241.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)

A: 68.00 B: 22.45 mm



**112459** Starter 12 V, 1.4 kW

Replacing: 0001108188, 0001108178, 0001108177, 0001108150

Servicing: Opel, Vauxhall

B+ M8, Total length 230.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)

A: 76.50 B: 19.00 mm



**112494** Starter 24 V, 4.0 kW

Replacing: 0001263052, 0001263008, 0001231028, 0001231005

Servicing: Fendt, Volvo

B+ M10, Total length 316.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm



**112496** Starter 12 V, 2.0 kW

Replacing: 0001109017

Servicing: Farymann

B+ M8, Total length 269.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (1)

A: 82.50 B: 14.50 mm



**112497** Starter 12 V, 1.4 kW

Manufacturer: Bosch

Replacing: 0001108050, 0001107058

Servicing: Mosa, Ruggenini

B+ M8, 15a 6.30, Total length 227.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (0)

A: 76.00 B: 24.00 mm


**112498** Starter 24 V, 4.0 kW

Replacing: 0001263022, 0001263021, 0001263006, 0001263005, 0001231046, 0001231016

Servicing: Ginaf, Iveco

 B+ M10, Total length 315.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm

**112507** Starter 24 V, 5.4 kW

Replacing: 0001416026, 0001414022

Servicing: Volvo, Volvo Penta

 B+ M10, B- M10, Total length 385.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
*BOSCH OE 0001414022 IS OIL-SEALED. CARGO 112507 IS NOT!*

A: 89.00 B: 51.00 mm


**112533** Starter 12 V, 2.2 kW

Replacing: 0001218771, 0001218171, 0001218134, 0001218026, 0001218009, 0001218001, 0001109024

Servicing: 0001218171, BMW, Land Rover, Opel, Vauxhall

 B+ M8, 30h M5, Total length 271.75,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 76.00 B: 21.00 mm

**112534** Starter 12 V, 2.0 kW

Replacing: 0001109035

Servicing: JCB, KHD, Perkins

 B+ M8, Total length 239.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 18.00 mm


**112537** Starter 12 V, 2.2 kW

Replacing: 0001218715, 0001218115, 0001218114, 0001218113, 0001218018, 0001218013, 0001218012

Servicing: Audi, Fiat, VW

 B+ M8, Total length 274.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)

A: 82.50 B: 22.00 mm


**112541** Starter 12 V, 2.2 kW

Replacing: 9000331420, 0001218002

Servicing: Fiat, Jeep, Renault

 B+ M8, Total length 273.00,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 2 (1)

A: 77.00 B: -4.00 mm


**112542** Starter 12 V, 1.35 kW

Replacing: 0001311054, 0001307021

Servicing: Bomag, Hatz

 B+ M8, Total length 265.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 22.00 mm


**112553** Starter 12 V, 1.7 kW

Replacing: 0001110072

Servicing: Alpina, BMW

 B+ M8, 30h M5, Total length 269.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (2)

A: 76.05 B: 21.50 mm


**112555** Starter 12 V, 3.1 kW

Replacing: 0001369024, 0001369014, 0001230014

Servicing: Bosch, Deutz-Fahr, Fendt, Irmer, Jenbacher Werke, KHD, Kramer, Linde

 B+ M10, Total length 303.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 28.50 mm


**112581** Starter 24 V, 6.2 kW

Replacing: B001860023, B001860021, 0001372008, 0001372007, 0001372003, 0001372002, 0001371015, 0001371010

Servicing: DAF

 B+ M12, Total length 380.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 48.00 mm


**112651** Starter 24 V, 4.8 kW

Manufacturer: Mahle Letrika

Replacing: 0001364300, 0001364101

Servicing: Bosch, KHD

 B+ M10, Total length 351.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**112660** Starter 12 V, 2.8 kW

Replacing: 0001367042, 0001362310, 0001359069, 0001359045

Servicing: Case

B+ M10, Total length 333.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 48.00 mm


**112670** Starter 24 V, 4.0 kW

Replacing: 0001368051, 0001368040, 0001368026

Servicing: DAF, Hanomag, Mercedes-Benz, Perkins

B+ M10, Total length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 28.50 mm


**112818** Starter 12 V, 1.4 kW

Replacing: 0001108167, 0001108166, 0001108153, 0001108107

Servicing: Renault, Volvo

B+ M8, 15a 6.30, Total length 241.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 76.00 B: 0.20 mm


**113134** Starter 12 V, 2.2 kW

Replacing: 0001218167, 0001218163, 0001218101, 0001218019

Servicing: Opel, Renault, Renault V.I., Vauxhall

B+ M8, Total length 272.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 109.70 B: 27.00 mm


**113177** 5★ Starter 12 V, 1.1 kW

Manufacturer: Bosch

Replacing: 0001107046, 0001107040

Servicing: Lamborghini

B+ M8, Total length 212.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Alternative no.: 115329

A: 76.00 B: 16.00 mm


**113181** Starter 12 V, 2.3 kW

Replacing: 0001223021, 0001223016

Servicing: Bomag, JCB, KHD

B+ M8, Total length 258.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 23.25 mm


**113182** Starter 12 V, 3.0 kW

Replacing: 0001262008, 0001262007, 0001230023, 0001230010, 0001230007

Servicing: New Holland

B+ M10, Total length 320.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 110.00 B: 30.00 mm


**113183** 5★ Starter 24 V, 4.0 kW

Manufacturer: Bosch

Replacing: 0001231010

Servicing: Iveco

B+ M10, Total length 315.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 110.00 B: 28.00 mm


**113184** 5★ Starter 24 V, 4.0 kW

Manufacturer: Bosch

Replacing: 0001368069

Servicing: Case

B+ M10, Total length 340.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.70 B: 48.00 mm


**113267** Starter 12 V, 0.7 kW

Replacing: 0001116006

Servicing: Nissan

B+ M8, Total length 185.50, Drive type Steel, Gear type DD, Mount. holes 2 (1)

A: 69.90 B: 12.00 mm


**113268** 5★ Starter 12 V, 1.6 kW

Manufacturer: Bosch

Replacing: 0001314016, 0001307035, 0001109012

Servicing: Arona, Claas, Ferrari, Goldoni, Lombardini, Valpadana

B+ M8, Total length 255.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.40 B: 22.00 mm


**113269** 5★ Starter 12 V, 3.0 kW

Manufacturer: Magnetron

Replacing: 0001359094

Servicing: Atlas Copco, Barber Greene, Benford, Case, Daewoo, Matbro, Perkins, Thwaites

B+ M10, Total length 234.50, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 31.50 mm





**113271** Starter 12 V, 1.1 kW  
 Replacing: 0001107434, 0001107433, 0001107088  
 Servicing: 0001107433, 0001107434, Toyota  
 B+ M8, Total length 204.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)  
 A: 73.90 B: 15.00 mm



**113276** Starter 12 V, 1.1 kW  
 Replacing: 0001107436, 0001107435, 0001107409, 0001107408, 0001107405, 0001107404, 0001107402, 0001107401  
 Servicing: Fiat, Mercedes-Benz, Opel, Saab, Vauxhall  
 B+ M8, Total length 200.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 67.90 B: 19.00 mm



**113277** Starter 24 V, 4.0 kW  
 Replacing: 0001231011  
 Servicing: Iveco  
 B+ M10, Total length 315.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 A: 109.80 B: 27.50 mm



**113281** Starter 12 V, 1.1 kW  
 Replacing: 0001107080  
 Servicing: MG, Rover  
 B+ M8, Total length 231.40, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 A: 75.00 B: 43.00 mm



**113282** Starter 12 V, 1.4 kW  
 Manufacturer: Bosch  
 Replacing: 0001108410, 0001108409, 0001108404, 0001108403, 0001108250, 0001108197  
 Servicing: 0001108404, Chrysler, Mercedes-Benz  
 B+ M8, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 60.00 B: 25.80 mm



**113286** Starter 12 V, 0.9 kW  
 Replacing: 0001106019  
 Servicing: Mini  
 B+ M8, Total length 202.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 73.90 B: 22.00 mm



**113292** Starter 12 V, 1.4 kW  
 Manufacturer: Bosch  
 Replacing: 0001108245, 0001108196  
 Servicing: BMW  
 B+ M8, 15a M5, Total length 230.20, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (1)  
 A: 76.10 B: 25.50 mm



**113303** Starter 12 V, 2.2 kW  
 Replacing: 0001109311, 0001109310, 0001109264, 0001109252  
 Servicing: Volvo  
 B+ M8, Total length 240.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)  
 A: 76.00 B: 0.00 mm



**113346** Starter 12 V, 0.8 kW  
 Replacing: 0001106016  
 Servicing: MG, Rover, VW  
 B+ M8, Total length 210.50, Drive type Steel, Gear type DD/GR, Mount. holes 3 (0)  
 A: 67.00 B: 39.50 mm



**113353** Starter 24 V, 4.0 kW  
 Replacing: 0001368311  
 Servicing: Fendt  
 B+ M10, Total length 340.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 88.80 B: 27.50 mm



**113380** Starter 12 V, 2.8 kW  
 Replacing: 0001367056  
 Servicing: Ford  
 B+ M8, B- M8, Total length 322.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
*Terminal 50 is where the wire needs to be soldered.*  
 A: 91.80 B: 20.00 mm



**113387** Starter 12 V, 2.0 kW  
 Replacing: 0001125032, 0001125031, 0001125011, 0001125002, 0001125001, 0001124006, 0001124005  
 Servicing: Seat, VW  
 B+ M8, Total length 238.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 A: 76.00 B: 54.00 mm



**113389** Starter 12 V, 2.2 kW  
 Replacing: 0001218710, 0001218110, 0001218016  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 272.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.40 B: 25.00 mm



**113430** Starter 12 V, 1.8 kW  
 Replacing: 0001115025, 0001115021,  
 0001109270, 0001109269, 0001109268,  
 0001109253, 0001109045, 0001109030  
 Servicing: Alfa Romeo, Fiat, Lancia, Suzuki  
 B+ M8, Total length 226.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 81.50 B: 9.50 mm



**113443** Starter 12 V, 1.4 kW  
 Replacing: B001111399, 0001108176,  
 0001108130, 0001108085  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 240.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 62.10 B: -5.00 mm



**113446** Starter 12 V, 2.2 kW  
 Replacing: 0001109201, 0001109200, 0001109025  
 Servicing: BMW, Land Rover, Opel, Vauxhall  
 B+ M8, 30h M5, Total length 239.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 Alternative no.: 115506   
 A: 76.00 B: 20.00 mm



**113451** Starter 12 V, 2.2 kW  
 Replacing: 0001218159  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 272.50, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 81.50 B: 23.00 mm



**113464** Starter 24 V, 4.0 kW  
 Manufacturer: Mahle Letrika  
 Replacing: 0001364301, 0001364100  
 Servicing: ABG, Irmer, Iveco, KHD  
 B+ M10, Total length 346.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 28.00 mm



**113465** Starter 12 V, 3.0 kW  
 Replacing: 0001367302, 0001367070,  
 0001359095, 0001359008, 0001358034  
 Servicing: Renault V.I.  
 B+ M10, Total length 338.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 88.75 B: 21.50 mm



**113466** Starter 24 V, 4.0 kW  
 Replacing: 0001368306, 0001368304, 0001368070,  
 0001368052, 0001360050, 0001360013, 0001231009  
 Servicing: Renault V.I.  
 B+ M10, Total length 316.00,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 88.90 B: 22.00 mm



**113467** Starter 12 V, 3.7 kW  
 Replacing: 0001365004  
 Servicing: Atlas Copco, Deutz-Fahr, Iveco  
 B+ M10, Total length 368.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 28.00 mm



**113468** Starter 24 V, 4.0 kW  
 Replacing: 0001368317, 0001368310,  
 0001368305, 0001368056  
 Servicing: MAN  
 B+ M10, Total length 340.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 Bosch GR HC-CARGO 112446.  
 A: 89.00 B: 27.00 mm



**113478** Starter 12 V, 2.8 kW  
 Manufacturer: Lucas  
 Replacing: 0001230005, 0001230003, 0001223502  
 Servicing: Atlas Copco, John Deere  
 B+ M10, 30h M5, Total length 303.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (0), Oil sealed  
 A: 82.50 B: 35.00 mm



**113480** Starter 12 V, 1.2 kW  
 Replacing: 0001107060  
 Servicing: Ruggerini  
 B+ M8, Total length 220.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.20 B: 28.00 mm





**113481** Starter 12 V, 1.4 kW  
 Replacing: 0001108186, 0001108182, 0001108180, 0001108143, 0001108051, 0001108022  
 Servicing: Opel, Renault, Suzuki, Vauxhall  
 B+ M8, Total length 231.00, Drive type Steel, Gear type GR, Mount. holes 4 (4)  
 A: 65.90 B: -1.00 mm



**113513** Starter 12 V, 1.1 kW  
 Replacing: 0001107540, 0001107406  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 199.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 69.80 B: 27.00 mm



**113605** 5★ Starter 12 V, 1.1 kW  
 Manufacturer: Bosch  
 Replacing: 0001107067  
 Servicing: Renault, Volvo  
 B+ M8, Total length 216.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)  
 A: 66.00 B: -1.70 mm



**113482** 5★ Starter 12 V, 3.0 kW  
 Manufacturer: Mahle Letrika  
 Replacing: 0001367046, 0001367045, 0001359089, 0001359087, 0001359044, 0001359013  
 Servicing: Volvo BM  
 B+ M10, Total length 338.50, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0)  
 A: 88.75 B: 47.00 mm



**113515** 5★ Starter 12 V, 0.9 kW  
 Manufacturer: Bosch  
 Replacing: 0001120401, 0001120400  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 197.05, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 56.35 mm



**113608** Starter 24 V, 6.2 kW  
 Replacing: 0001372005  
 Servicing: Evobus, Kässbohrer, Mercedes-Benz  
 B+ M12, 15a M6, Total length 380.50, Drive type Steel, Gear type DD/GR, Clutch type Wet, Mount. holes 3 (0)  
 A: 92.00 B: 46.25 mm



**113484** Starter 24 V, 4.0 kW  
 Replacing: 0001368039, 0001368037  
 Servicing: Sisu, Valtra  
 B+ M10, Total length 340.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 88.85 B: 47.50 mm



**113534** Starter 12 V, 3.0 kW  
 Replacing: 0001367069  
 Servicing: Fiat-Allis, Perkins  
 B+ M8, Total length 342.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 88.85 B: 27.00 mm



**113609** Starter 24 V, 6.2 kW  
 Replacing: 0001372006  
 Servicing: Mercedes-Benz  
 B+ M12, 15a M6S, Total length 391.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)  
 A: 92.00 B: 48.00 mm



**113509** Starter 12 V, 2.0 kW  
 Replacing: 0001123017, 0001123016  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 76.10 B: 42.50 mm



**113570** Starter 12 V, 4.0 kW  
 Replacing: 0001260026, 0001260025  
 Servicing: Valtra  
 B+ M10, Total length 320.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**113613** Starter 12 V, 1.1 kW  
 Replacing: 6004AA0027, 6004AA0008, 6004AA0003, 0001107432, 0001107431, 0001107415  
 Servicing: Dodge, Plymouth  
 B+ M8, Total length 211.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)  
 A: 73.90 B: 9.00 mm

## STARTERS




**113644** Starter 12 V, 1.2 kW

Replacing: 0001112017, 0001107092

Servicing: Nissan

B+ M8, Total length 189.80, Drive type Steel, Gear type DD, Mount. holes 2 (1)

A: 69.90 B: 10.60 mm


**113649** Starter 12 V, 1.2 kW

Replacing: 0001107079

Servicing: Toyota

B+ M8, Total length 206.30, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 74.00 B: 4.50 mm


**113674** Starter 12 V, 2.0 kW

Replacing: 0001218068, 0001109068, 0001109062, 0001109055, 0001109052, 0001109015

Servicing: Opel, Saab, Vauxhall

B+ M8, Total length 246.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 82.30 B: 18.50 mm


**113677** Starter 12 V, 1.1 kW

Replacing: 0001121011, 0001121010

Servicing: VW

B+ M8, Total length 213.15, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 76.00 B: 52.50 mm


**113678** Starter 12 V, 2.2 kW

Replacing: 0001125606, 0001125605

Servicing: VW

B+ M8, Total length 258.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Alternative no.: 115507

A: 76.10 B: 62.00 mm


**113695** Starter 24 V, 6.0 kW

Replacing: 0001371001

Servicing: Caterpillar

 B+ M12, Total length 433.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed  
 Replacing: 37MT.

A: 89.00 B: 47.00 mm


**113705** Starter 12 V, 1.9 kW

Replacing: 0001315002, 0001312001

Servicing: NSU, Volvo Penta

B+ M8, Total length 241.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 82.20 B: 21.00 mm


**113706** Starter 12 V, 1.1 kW

Replacing: 0001107107

Servicing: Lombardini

B+ M8, Total length 212.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 15.50 mm


**113745** Starter 12 V, 1.4 kW

Replacing: 0001110011

Servicing: Jaguar

B+ M8, 15a M4, Total length 267.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)

A: 89.00 B: 26.70 mm


**113750** Starter 12 V, 0.9 kW

Replacing: 0001113014, 0001113013, 0001112045, 0001112044, 0001112028, 0001112027

Servicing: Seat, VW

 B+ M8, Total length 233.50, Drive type Steel, Gear type DD/GR, Mount. holes 4 (2)  
 HC-CARGO ref 114758 Marelli Version.  
 HC-CARGO ref 113750 Bosch Version.

A: 82.50 B: 2.00 mm


**113752** Starter 12 V, 1.8 kW

Replacing: 0001110124, 0001110102, 0001110092, 0001109018

Servicing: Fiat

B+ M8, Total length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 82.00 B: 23.50 mm


**113759** Starter 24 V, 4.0 kW

Replacing: 0001231029, 0001231008

Servicing: MAN

B+ M10, Total length 315.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 29.00 mm


**113760** Starter 24 V, 4.0 kW

Replacing: 0001263002, 0001263001, 0001231045, 0001231017

Servicing: DAF

 B+ M10, Total length 315.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 27.00 mm

**113841** Starter 12 V, 1.7 kW

Replacing: 0001123039, 0001123038, 0001123015, 0001123014

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Total length 242.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 76.10 B: 62.00 mm

**113847** Starter 12 V, 0.95 kW

Replacing: 0001208429, 0001208428, 0001208426, 0001208425

Servicing: VW

 B+ M8, Total length 241.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 76.15 B: 43.25 mm

**113761** Starter 12 V, 0.9 kW

Manufacturer: Bosch

Replacing: 0001106022, 0001106017, 0001106012

Servicing: Renault

 B+ M8, Total length 208.00, Drive type Steel,  
 Gear type GR, Mount. holes 4 (4)  
 A: 65.90 B: -0.50 mm

**113842** Starter 12 V, 2.0 kW

Replacing: 0001123013, 0001123012

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Total length 246.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)

Alternative no.: 115508

A: 76.20 B: 52.50 mm


**113850** Starter 24 V, 5.4 kW

Replacing: 0001416059

Servicing: Volvo BM

 B+ M10, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0), Oil sealed  
 Not Insulated return.

A: 89.00 B: 48.00 mm


**113773** Starter 12 V, 1.1 kW

Replacing: 0001121403, 0001121402

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Total length 210.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)

A: 76.15 B: 62.00 mm


**113843** Starter 12 V, 1.1 kW

Replacing: F002G20485, 0001107437, 0001107429

 Servicing: 0001107429, Fiat, Lancia, Opel,  
 Suzuki, Vauxhall

 B+ M8, Total length 199.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (1)

A: 64.00 B: 24.25 mm


**113851** Starter 24 V, 7.5 kW

Replacing: 0001330050

Servicing: Audi, Mercedes-Benz

 B+ M12, Total length 348.50,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 3 (0)

Replacing: 39MT.

Alternative no.: 115885

A: 92.00 B: 47.70 mm


**113830** Starter 24 V, 5.5 kW

Replacing: 0001261049

Servicing: Volvo

 B+ M10, B- M10, Total length 360.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 Over Crank Protection.

Alternative no.: 115884

A: 92.00 B: 48.00 mm


**113846** Starter 12 V, 2.2 kW

Replacing: 0001218703, 0001218103, 0001218024

Servicing: Alfa Romeo, Fiat, Skoda

 B+ M8, Total length 272.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)

A: 110.00 B: 26.50 mm


**113855** Starter 24 V, 5.4 kW

Replacing: 0001416010

Servicing: MAN, Mercedes-Benz

 B+ M12, B- M10, Total length 381.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return

A: 92.00 B: 51.00 mm


**113859** Starter 24 V, 6.0 kW

Replacing: 0001330008

Servicing: Scania

 B+ M10, B- M6, Total length 385.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)

A: 92.00 B: 48.00 mm


**113891** Starter 24 V, 5.5 kW

 Replacing: 0001261028, 0001261027,  
 0001261026, 0001261025, 0001261002,  
 0001261001, 0001241001

Servicing: Scania

 B+ M10, Total length 325.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)

Alternative no.: 115509

A: 92.00 B: 48.00 mm


**113900** Starter 12 V, 2.2 kW

 Replacing: F000AL0115, 6004AA3014,  
 0001109331, 0001109330

Servicing: John Deere

 B+ M8, Total length 239.50,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 26.00 mm


**113931** Starter 12 V, 1.7 kW

 Replacing: 0001108240, 0001108239,  
 0001108235, 0001108234, 0001108224, 0001108202

 Servicing: Alfa Romeo, Cadillac, Chevrolet,  
 Fiat, Lancia, Opel, Saab, Vauxhall

 B+ M8, Total length 226.00,  
 Gear type GR, Mount. holes 3 (0)

A: 81.80 B: 9.80 mm


**113934** Starter 24 V, 5.5 kW

 Replacing: 0001241119, 0001241019,  
 0001241014, 0001241007, 0001241003

Servicing: Bova, DAF, Solaris

 B+ M10, Total length 321.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)

A: 110.00 B: 48.00 mm


**113935** Starter 12 V, 2.5 kW

Replacing: 0001109301, 0001109300

Servicing: Citroen, Fiat, Peugeot

 B+ M8x1.25, Total length 243.80,  
 Gear type GR, Mount. holes 3 (3)

Alternative no.: 115501

A: 82.00 B: 1.00 mm


**113959** Starter 12 V, 2.0 kW

 Replacing: 0001115093, 0001115092,  
 0001109392, 0001109391, 0001109388,  
 0001109387, 0001109329, 0001109328

Servicing: Citroen, Fiat, Ford, Land Rover, Peugeot

 B+ M8, Total length 261.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)

Alternative no.: 115510

A: 89.00 B: 36.00 mm


**113960** Starter 12 V, 0.9 kW

Replacing: 0001106406, 0001106405

Servicing: Citroen, Ds, Mini, Peugeot

 B+ M8, Total length 194.00,  
 Gear type GR, Mount. holes 4 (2)

A. Measure = 60-64 mm.

A: 64.00 B: 13.00 mm


**113962** Starter 12 V, 0.9 kW

Replacing: F000AL0320

 Servicing: Abarth, Alfa Romeo, Fiat, Ford,  
 Lancia

 B+ M8, Total length 169.60,  
 Gear type DD/GR, Mount. holes 2 (1)

A: 64.10 B: 10.00 mm


**113963** Starter 12 V, 1.1 kW

Replacing: 0001107439, 0001107438

Servicing: Citroen, Peugeot, Toyota

 B+ M8, Total length 168.40,  
 Gear type DD/GR, Mount. holes 2 (1)

A: 74.00 B: 25.00 mm


**113968** Starter 12 V, 3.6 kW

Replacing: 0001369201, 0001369200

Servicing: New Holland

 B+ M8, Total length 330.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)

A: 92.00 B: 20.00 mm


**113974** Starter 12 V, 1.1 kW

Replacing: 0001157016

Servicing: Moto Guzzi

 B+ M8, Total length 210.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (2)

A: 62.00 B: 9.45 mm





**113979** Starter 24 V, 4.0 kW  
 Replacing: 0001231003  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 310.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 48.50 mm



**113980** Starter 24 V, 4.0 kW  
 Replacing: 0001368077, 0001231006  
 Servicing: KHD  
 B+ M10, Total length 319.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 82.50 B: 23.00 mm



**113981** Starter 12 V, 1.5 kW  
 Replacing: 0001314044  
 Servicing: KHD  
 B+ M8, Total length 265.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 21.00 mm



**114001** Starter 24 V, 4.0 kW  
 Replacing: 0001231034, 0001231023  
 Servicing: MAN  
 B+ M10, Total length 317.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
*w/ safety switch.*  
 A: 89.00 B: 29.00 mm



**114002** Starter 12 V, 4.2 kW  
 Replacing: 0001262022, 0001262021, 0001230021  
 Servicing: Case  
 B+ M10, Total length 316.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 89.00 B: 27.00 mm



**114020** Starter 12 V, 2.2 kW  
 Manufacturer: Bosch  
 Replacing: 0001109267  
 Servicing: LDV  
 B+ M8, Total length 240.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 82.00 B: 0.00 mm



**114021** Starter 12 V, 3.0 kW  
 Replacing: 0001262020, 0001262019,  
 0001230020  
 Servicing: New Holland  
 B+ M10, Total length 314.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 29.00 mm



**114029** Starter 12 V, 1.8 kW  
 Replacing: 0001108444  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 215.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (1)  
 A: 64.00 B: 23.10 mm



**114031** Starter 24 V, 5.5 kW  
 Replacing: 0001241021, 0001241009,  
 0001241005  
 Servicing: MAN  
 B+ M10, Total length 323.50,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115892   
 A: 92.00 B: 48.00 mm



**114033** Starter 24 V, 4.0 kW  
 Replacing: 0001231004  
 Servicing: Volvo  
 B+ M10, B- M10, Total length 334.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**114034** Starter 12 V, 1.0 kW  
 Replacing: 0001121434, 0001121433,  
 0001120407, 0001120406  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 194.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 52.50 mm



**114050** Starter 12 V, 4.2 kW  
 Replacing: 0001230022  
 Servicing: Case, New Holland  
 B+ M10, 30h M10, Total length 317.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 27.50 mm



**114051** Starter 12 V, 1.0 kW  
 Replacing: 0001106014  
 Servicing: Smart (MCC)  
 B+ M8, 30h M8, Total length 203.40,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (2)  
 A: 70.00 B: 15.50 mm



**114052** Starter 12 V, 1.1 kW  
 Replacing: 0001107430, 0001107083  
 Servicing: Lombardini  
 B+ M8, 15a M6, Total length 219.30,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 A: 76.00 B: 18.00 mm



**114053** Starter 12 V, 2.0 kW  
 Replacing: 0001218161, 0001109031  
 Servicing: Lombardini  
 B+ M8, Total length 240.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 17.00 mm



**114054** Starter 12 V, 2.5 kW  
 Replacing: 0001109335, 0001109334,  
 0001109313, 0001109303, 0001109302  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 246.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 Alternative no.: 115516   
 A: 82.00 B: 24.00 mm



**114055** Starter 12 V, 2.3 kW  
 Replacing: 0001218776, 0001218176,  
 0001109357  
 Servicing: Jacobsen, John Deere  
 B+ M8, Total length 273.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm



**114062** Starter 12 V, 1.7 kW  
 Replacing: 0001123019, 0001123018  
 Servicing: Seat, Skoda, VW  
 B+ M8, Total length 233.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.20 B: 52.00 mm



**114068** Starter 12 V, 1.1 kW  
 Replacing: 0001107441, 0001107440  
 Servicing: Toyota  
 B+ M8, Total length 199.00,  
 Gear type GR, Mount. holes 2 (1)  
 1.1 kw version = HC-CARGO 114071.  
 A: 74.00 B: 15.00 mm



**114069** Starter 24 V, 4.0 kW  
 Replacing: 0001263054, 0001263053,  
 0001263004, 0001263003, 0001231040,  
 0001231036  
 Servicing: DAF  
 B+ M10, Total length 318.00, Drive type Steel,  
 Gear type DD/GR, Mount. holes 3 (0)  
 w/ safety switch.  
 A: 110.00 B: 48.00 mm



**114073** Starter 24 V, 5.5 kW  
 Replacing: 0001261069, 0001261045,  
 0001261044, 0001261013, 0001261012,  
 0001261008, 0001261007, 0001241020  
 Servicing: Bova, DAF, Minelli, Solaris  
 B+ M10, Total length 319.00,  
 Drive type Steel, Gear type DD/GR,  
 Mount. holes 3 (0)  
 w/ safety switch.  
 Alternative no.: 115511   
 A: 110.00 B: 47.00 mm



**114091** Starter 12 V, 1.8 kW  
 Replacing: 0001115046, 0001115045,  
 0001115041, 0001115040  
 Servicing: BMW  
 B+ M8, Total length 236.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (2)  
 A: 74.00 B: 21.50 mm



**114092** Starter 12 V, 2.0 kW  
 Replacing: 0001109389, 0001109341,  
 0001109340, 0001109204  
 Servicing: Ford  
 B+ M8, Total length 239.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (3)  
 A: 76.00 B: 6.00 mm


**114093** Starter 12 V, 1.7 kW

Replacing: 0001115075, 0001115074, 0001115048, 0001115047

Servicing: Mercedes-Benz

B+ M8, Total length 237.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

Alternative no.: 115512

A: 82.50 B: 26.00 mm


**114106** Starter 12 V, 1.6 kW

Replacing: 0001109043, 0001109008

Servicing: Hatz

B+ M8, Total length 263.00, Mount. holes 2 (0)

A: 82.50 B: 40.00 mm


**114162** Starter 12 V, 1.1 kW

Replacing: F004A94410, 0001107502, 0001107501, 0001107418, 0001107410

Servicing: Ford

B+ M8, Total length 201.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 15.00 mm


**114094** Starter 12 V, 2.2 kW

Replacing: 0001109320, 0001109319, 0001109259, 0001109258

Servicing: Audi, VW

B+ M8, Total length 252.00, Gear type GR, Mount. holes 2 (1)

A: 76.00 B: 24.50 mm


**114118** Starter 12 V, 1.4 kW

Replacing: B001111158, 0001108115, 0001108065

Servicing: BMW

B+ M8, 30h M5, Total length 244.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 75.90 B: 23.00 mm


**114163** Starter 12 V, 1.1 kW

Replacing: 0001121409, 0001121408

Servicing: Audi, Seat, Skoda, VW

B+ M8, Total length 195.00, Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 53.00 mm


**114096** Starter 12 V, 2.0 kW

Replacing: 0001125054, 0001125053

Servicing: Audi, Seat, Skoda

B+ M8, Total length 244.00, Gear type GR, Mount. holes 2 (2)

A: 82.00 B: 2.00 mm


**114123** Starter 12 V, 0.8 kW

Replacing: F000AL0310, F000AL0309

Servicing: Fiat

B+ M8, 30h M6, Total length 190.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (1)

A: 64.00 B: 11.00 mm


**114170** Starter 24 V, 4.0 kW

Replacing: 0001368004

Servicing: Various Industrial applications, Volvo

B+ M10, Total length 340.00, Gear type DD, Mount. holes 2 (0)

A: 89.00 B: 48.20 mm


**114105** Starter 12 V, 1.1 kW

Manufacturer: Bosch

Replacing: 0001107090

Servicing: Lombardini

B+ M8, Total length 220.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.10 B: 28.00 mm


**114160** Starter 12 V, 1.8 kW

Replacing: 0001125040, 0001125039, 0001125010, 0001125009

Servicing: Seat, VW

B+ M8, Total length 243.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 53.00 mm


**114173** Starter 12 V, 1.7 kW

Replacing: 0001123021, 0001123020

Servicing: VW

B+ M8, Total length 244.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 76.00 B: 58.00 mm





**114174** Starter 12 V, 1.1 kW  
 Replacing: 0001121023, 0001121022  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 233.90,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 76.00 B: 62.00 mm



**114175** Starter 12 V, 1.1 kW  
 Replacing: 0001121411, 0001121410,  
 0001120411, 0001120410  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 223.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.00 B: 56.00 mm



**114176** Starter 12 V, 1.0 kW  
 Replacing: 0001120409, 0001120408  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 213.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 76.00 B: 52.00 mm



**114177** Starter 12 V, 2.0 kW  
 Replacing: 0001109065, 0001109064  
 Servicing: Audi, Seat  
 B+ M8, Total length 241.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 15.50 mm



**114178** Starter 12 V, 1.4 kW  
 Replacing: 0001115073, 0001115072,  
 0001115051, 0001115006, 0001108223,  
 0001108222  
 Servicing: 0001108222, Mercedes-Benz  
 B+ M8, Total length 246.30,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 60.00 B: 27.00 mm



**114179** Starter 12 V, 1.2 kW  
 Replacing: 0001107428, 0001107427  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 200.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 15.45 mm



**114181** Starter 12 V, 1.9 kW  
 Replacing: 0001354100  
 Servicing: Atlas Copco, Deutz-Fahr  
 B+ M10, Total length 294.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm



**114193** Starter 24 V, 5.5 kW  
 Replacing: 0001261041  
 Servicing: Renault V.I., Volvo  
 B+ M10, Total length 350.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115877   
 A: 89.00 B: 48.00 mm



**114195** Starter 12 V, 3.0 kW  
 Replacing: 0001230018, 0001230008  
 Servicing: John Deere  
 B+ M10, Total length 312.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 51.00 mm



**114196** Starter 24 V, 4.0 kW  
 Replacing: 0001263020, 0001263019,  
 0001251006, 0001251005, 0001231027,  
 0001231026  
 Servicing: Case, New Holland  
 B+ M10, Total length 317.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 27.60 mm



**114199** Starter 12 V, 0.7 kW  
 Replacing: 0001116008  
 Servicing: Nissan, Renault  
 B+ M8x1.25, Total length 166.00,  
 Gear type DD, Mount. holes 2 (1)  
 A: 70.00 B: 11.00 mm



**114220** Starter 24 V, 4.0 kW  
 Replacing: 0001231018, 0001101110  
 Servicing: Deutz-Fahr  
 B+ M10, Total length 315.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 25.00 mm



**114233** Starter 12 V, 2.2 kW  
 Replacing: 0001218177  
 Servicing: Jeep  
 B+ M8, Total length 272.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 82.50 B: 21.00 mm



**114274** Starter 12 V, 2.3 kW  
 Replacing: 0001223004  
 Servicing: Jeep  
 B+ M8, Total length 251.50,  
 Gear type GR, Mount. holes 3 (0)  
 A: 82.50 B: 21.00 mm



**114297** Starter 12 V, 1.2 kW  
 Replacing: 0001107526, 0001107525,  
 0001107426, 0001107425  
 Servicing: BMW  
 B+ M8, Total length 199.00,  
 Gear type DD/GR, Mount. holes 2 (1)  
 A: 76.00 B: 25.00 mm



**114236** Starter 24 V, 2.5 kW  
 Manufacturer: Bosch  
 Replacing: 9000332406  
 Servicing: Nissan  
 B+ M8, Total length 279.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**114275** Starter 12 V, 4.0 kW  
 Replacing: 0001260004, 0001260001  
 Servicing: John Deere  
 B+ M10, Total length 326.50,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 89.00 B: 48.00 mm



**114299** Starter 12 V, 1.7 kW  
 Replacing: 0001123029, 0001123028  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, 15a Plug, Total length 232.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.20 B: 56.00 mm



**114265** Starter 12 V, 2.7 kW  
 Replacing: 0001366009, 0001362050,  
 0001362021, 0001354099  
 Servicing: VM (Stabilimenti Mec)  
 B+ M10, Total length 295.00,  
 Mount. holes 2 (0)  
 A: 82.50 B: 21.50 mm



**114294** Starter 12 V, 1.1 kW  
 Replacing: 0001107064  
 Servicing: Chrysler, Plymouth  
 B+ M8, Total length 239.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (2)  
 A: 70.00 B: 7.00 mm



**114304** Starter 12 V, 2.3 kW  
 Replacing: 6033AB1J00, 0001218822, 0001109417  
 Servicing: VW  
 B+ M8, Total length 272.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**114266** Starter 24 V, 4.0 kW  
 Replacing: 0001368015  
 Servicing: Agco Power (Sisu Diesel)  
 B+ M10, B- M8, Total length 346.50,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 48.00 mm



**114295** Starter 12 V, 0.9 kW  
 Replacing: 0001106018  
 Servicing: Mini  
 B+ M6, Total length 211.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 25.50 mm



**114307** Starter 24 V, 4.0 kW  
 Replacing: 0001263024, 0001263023,  
 0001251004, 0001251003, 0001231039  
 Servicing: Case, Iveco  
 B+ M10, Total length 314.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**114310** Starter 24 V, 7.0 kW  
 Replacing: 0001330057  
 Servicing: Volvo  
 B+ M10, Total length 352.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115888 5★  
 A: 92.00 B: 47.00 mm



**114313** Starter 24 V, 2.5 kW  
 Replacing: 0001219014  
 Servicing: VM (Stabilimenti Mec)  
 B+ M8, Total length 272.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm



**114315** Starter 12 V, 1.4 kW  
 Replacing: 0001108472, 0001108402  
 Servicing: Changan Ford Mazda, Ford, Volvo  
 B+ M8, Total length 213.50,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (2)  
 A: 76.00 B: 0.00 mm



**114316** Starter 12 V, 1.7 kW  
 Replacing: 0001124015, 0001123001  
 Servicing: Porsche  
 B+ M8, Total length 232.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 76.20 B: 53.00 mm



**114317** Starter 12 V, 2.0 kW  
 Replacing: 0001125056, 0001125055  
 Servicing: VW  
 B+ M8, Total length 234.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 20.00 mm



**114318** Starter 12 V, 2.2 kW  
 Replacing: 9000331430, 9000331424,  
 9000331421, 9000331406, 0001218818  
 Servicing: Nissan  
 B+ M8, Total length 262.00, Drive type Steel,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)  
 A: 82.50 B: 9.00 mm



**114319** Starter 24 V, 2.5 kW  
 Replacing: 0001219017, 0001219016,  
 0001219009, 0001219007  
 Servicing: Mercedes-Benz, Puch (Steyr-Daimler)  
 B+ M8, Total length 274.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 27.00 mm



**114320** Starter 12 V, 3.0 kW  
 Replacing: 0001230013  
 Servicing: JCB, KHD  
 B+ M10, Total length 316.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 82.50 B: 23.00 mm



**114321** Starter 12 V, 2.0 kW  
 Replacing: 0001109048, 0001108247, 0001108204  
 Servicing: Fiat  
 B+ M8, Total length 238.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 82.00 B: 11.00 mm



**114327** Starter 24 V, 5.5 kW  
 Replacing: 0001261016, 0001241012, 0001241008  
 Servicing: Howo, Scania, Weichai  
 B+ M10, Total length 320.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.80 B: 47.80 mm



**114376** Starter 24 V, 4.0 kW  
 Replacing: 0001231035  
 Servicing: MAN  
 B+ M10, Total length 311.50,  
 Gear type GR, Mount. holes 3 (0)  
 w/ safety switch.  
 Alternative no.: 115513 5★  
 A: 89.00 B: 29.00 mm



**114395** Starter 12 V, 3.0 kW  
 Replacing: 0001262006, 0001230027, 0001230001  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 316.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 49.00 mm





**114397** Starter 24 V, 4.0 kW  
 Replacing: 0001368067  
 Servicing: Cummins  
 B+ M10, Total length 340.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 48.20 mm



**114438** Starter 24 V, 5.4 kW  
 Replacing: 0001416032  
 Servicing: KHD, Liebherr, Orenstein and  
 koppel  
 B+ M10, B- M10, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 47.50 mm



**114478** Starter 24 V, 3.2 kW  
 Replacing: 0001363113  
 Servicing: Lombardini  
 B+ M10, Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 23.00 mm



**114398** Starter 24 V, 4.0 kW  
 Replacing: 0001368071, 0001368050, 0001368046  
 Servicing: Hatz  
 B+ M10, Total length 345.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm



**114446** Starter 24 V, 5.4 kW  
 Replacing: 0001416046  
 Servicing: Iveco  
 B+ M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**114507** Starter 12 V, 1.8 kW  
 Replacing: 0001115109, 0001115108,  
 0001115077, 0001115076  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 255.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 60.00 B: 26.00 mm



**114402** Starter 12 V, 2.3 kW  
 Replacing: 0001223022, 0001109356, 0001109355  
 Servicing: Mercruiser, Mercury, VM  
 (Stabilimenti Mec)  
 B+ M8x1.25, Total length 257.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 82.50 B: 16.00 mm



**114460** Starter 12 V, 1.4 kW  
 Replacing: 0001108400, 0001108183  
 Servicing: Citroen, Fiat, Hyundai, Lancia,  
 Mitsubishi, Peugeot  
 B+ M8, Total length 216.00,  
 Gear type GR, Mount. holes 3 (3)  
 B: -4.00 mm



**114523** Starter 24 V, 4.0 kW  
 Replacing: B001260015, 0001263049,  
 0001263016, 0001263015, 0001231133,  
 0001231033, 0001231032, 0001231002  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 313.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115514   
 A: 89.00 B: 48.50 mm



**114437** Starter 24 V, 5.4 kW  
 Replacing: 0001416031, 0001410069  
 Servicing: Atlas Copco, Bosch, Ford, KHD, Poclairn  
 B+ M10, B- M10, Total length 324.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 47.50 mm



**114477** Starter 12 V, 1.7 kW  
 Replacing: 0001125025  
 Servicing: Porsche  
 B+ M8, Total length 234.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 60.00 B: 29.00 mm



**114527** Starter 24 V, 6.0 kW  
 Replacing: 0001330004  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 360.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0), Insulated return  
 A: 92.00 B: 48.00 mm

## STARTERS



**114676** Starter 12 V, 2.2 kW  
 Replacing: 0001362705  
 Servicing: KHD  
 B+ M10, Total length 293.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 82.50 B: 23.00 mm



**114689** Starter 12 V, 2.0 kW  
 Replacing: 0001115069, 0001115068,  
 0001109070, 0001109069  
 Servicing: BMW  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 69.00 B: 5.00 mm



**114690** Starter 12 V, 2.0 kW  
 Replacing: 0001125520, 0001125519  
 Servicing: Audi, VW  
 B+ M8, Total length 230.00,  
 Gear type GR, Mount. holes 3 (1)  
 A: 76.20 B: 25.00 mm



**114692** Starter 12 V, 1.7 kW  
 Replacing: 0001138047, 0001138004,  
 0001138003  
 Servicing: Mini  
 B+ M8, Total length 228.00,  
 Gear type GR, Mount. holes 4 (2)  
 A: 60.00 B: 14.00 mm



**114702** Starter 24 V, 4.0 kW  
 Replacing: 0001261006, 0001241016  
 Servicing: Kamaz  
 B+ M10, Total length 321.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**114723** Starter 12 V, 2.2 kW  
 Replacing: 0001125601, 0001125600  
 Servicing: VW  
 B+ M8, Total length 245.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 60.00 mm



**114740** Starter 12 V, 1.2 kW  
 Replacing: 0001107528, 0001107527,  
 0001107424, 0001107423  
 Servicing: BMW  
 B+ M8, Total length 222.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 76.00 B: 25.00 mm



**114741** starter 12 V, 1.6 kW  
 Replacing: 0001314040, 0001109011  
 Servicing: Piaggio  
 B+ M8, Total length 260.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 21.50 mm



**114742** starter 12 V, 1.8 kW  
 Replacing: 0986024590, 0001149401,  
 0001149400, 0001139086, 0001139085,  
 0001139066, 0001139065, 0001139044  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 242.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (2)  
 A: 70.00 B: 16.00 mm



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**114743\*** starter 12 V, 1.5 kW  
 Replacing: 0001314017  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 mm



**114744** starter 24 V, 5.4 kW  
 Replacing: 0001416071, 0001410087  
 Servicing: Various Industrial applications  
 B+ M10, B- M10, Total length 387.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 47.50 mm



**114745** Starter 24 V, 4.0 kW  
 Replacing: 0001368078  
 Servicing: DAF  
 B+ M10, B- M8, Total length 332.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 49.00 mm



**114746** Starter 12 V, 1.4 kW  
 Replacing: 0001108412, 0001108411  
 Servicing: Volvo  
 B+ M8, Total length 224.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 56.00 B: -7.00 mm



**114775** Starter 12 V, 2.2 kW  
 Replacing: 0001125610, 0001125609  
 Servicing: Audi, VW  
 B+ M8, Total length 235.50,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (1)  
 Alternative no.: 115502   
 A: 76.20 B: 25.00 mm



**114814** Starter 12 V, 0.9 kW  
 Replacing: 0001106024, 0001106023  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 B+ M8, Total length 208.00,  
 Gear type GR, Mount. holes 4 (3)  
 A: 66.00 B: 0.00 mm



**114833** Starter 12 V, 1.7 kW  
 Replacing: 0001115079, 0001115078  
 Servicing: Fiat  
 B+ M8, Total length 235.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 82.00 B: 1.00 mm



**114837** Starter 12 V, 1.2 kW  
 Replacing: 0001108406, 0001108405  
 Servicing: Audi  
 B+ M8, Total length 213.50,  
 Gear type GR, Mount. holes 2 (2)  
 A: 66.00 B: 25.50 mm



**114849** Starter 12 V, 1.7 kW  
 Replacing: 0001138006, 0001138005  
 Servicing: Mini  
 B+ M8, Total length 228.00,  
 Gear type GR, Mount. holes 4 (2)  
 A: 60.00 B: 14.00 mm



**114850** Starter 12 V, 2.5 kW  
 Replacing: 0001139409, 0001139408,  
 0001139030, 0001139029  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 70.00 B: 16.00 mm



**114869** Starter 12 V, 1.4 kW  
 Replacing: 0001108429, 0001108428  
 Servicing: Renault  
 B+ M8, Total length 214.00,  
 Gear type GR, Mount. holes 4 (3)  
 A: 66.00 B: 0.50 mm



**114886** Starter 12 V, 1.2 kW  
 Replacing: 0001107449, 0001107448  
 Servicing: Toyota  
 B+ M8, Total length 189.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 14.00 mm



**114887\*** Starter 12 V, 1.4 kW  
 Replacing: 0001138018, 0001138017  
 Servicing: Hyundai, Kia  
 Gear type GR, Mount. holes 2 (0)



**115311** Starter 12 V, 1.7 kW  
 Replacing: 0001123037, 0001123036  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 245.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 42.50 mm



**115312** Starter 12 V, 1.1 kW  
 Replacing: 0001170403, 0001170402,  
 0001170401, 0001137012, 0001137011,  
 0001137002, 0001137001  
 Servicing: Alfa Romeo, Fiat, Ford, Lancia  
 B+ M8, Total length 218.00,  
 Gear type GR, Mount. holes 3 (1)  
 A: 64.00 B: 10.50 mm





**115324** Starter 12 V, 1.9 kW  
 Replacing: 0001366010  
 Servicing: Hatz  
 B+ M10, Total length 292.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm



**115329** Starter 12 V, 1.2 kW  
 Replacing: 0001107046, 0001107040  
 Servicing: Lamborghini, Lombardini  
 B+ M8, Total length 212.00,  
 Gear type GR, Mount. holes 2 (0)  
 Alternative no.: 113177 5★  
 A: 76.20 B: 16.00 mm



**115333** Starter 12 V, 1.0 kW  
 Replacing: 0001121413, 0001121412  
 Servicing: Audi, Seat, VW  
 B+ M8, Total length 216.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 43.00 mm



**115334** Starter 12 V, 2.0 kW  
 Replacing: 0001139026, 0001139025  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 241.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 26.00 mm



**115335** Starter 12 V, 2.2 kW  
 Replacing: 0001148509, 0001148508,  
 0001148033, 0001148026, 0001148010,  
 0001148009, 0001139016, 0001139015  
 Servicing: BMW  
 B+ M8, Total length 242.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 116059 5★  
 A: 69.00 B: 18.50 mm



**115336** Starter 12 V, 2.2 kW  
 Replacing: 0001153008, 0001153007,  
 0001145002, 0001145001  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 252.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 79.00 B: 52.00 mm



**115337** Starter 12 V, 2.0 kW  
 Replacing: 0001142006, 0001142005  
 Servicing: Audi, Seat, VW  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 62.00 mm



**115338** Starter 12 V, 2.0 kW  
 Replacing: 0001142004, 0001142003  
 Servicing: Audi, Seat, VW  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 79.00 B: 52.00 mm



**115339** Starter 12 V, 2.0 kW  
 Replacing: 0001147409, 0001147408  
 Servicing: Mercedes-Benz, VW  
 B+ M8, Total length 228.50,  
 Gear type GR, Mount. holes 2 (2)  
 A: 70.00 B: 29.00 mm



**115344** 5★ Starter 12 V, 2.3 kW  
 Manufacturer: Bosch  
 Replacing: 0001362076, 0001362040,  
 0001362018, 0001362017, 0001109360,  
 0001109359  
 Servicing: Lombardini  
 B+ M10, Total length 295.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm



**115345** Starter 24 V, 5.4 kW  
 Replacing: 0001416074  
 Servicing: MAN  
 B+ M12, B- M10, Total length 386.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**115375** Starter 12 V, 2.0 kW  
 Replacing: 0001125522, 0001125521  
 Servicing: Audi  
 B+ M8, Total length 230.00,  
 Gear type GR, Mount. holes 3 (1)  
 A: 76.00 B: 25.00 mm



**115394** Starter 12 V, 1.1 kW  
 Replacing: 0001107534, 0001107509, 0001107508, 0001107451, 0001107450  
 Servicing: Audi, Porsche  
 B+ M8, Total length 218.50,  
 Gear type GR, Mount. holes 2 (1)  
 A: 66.00 B: 24.00 mm



**115395** Starter 12 V, 1.1 kW  
 Replacing: 0001107522, 0001107521  
 Servicing: Chevrolet, Opel, Vauxhall  
 B+ M8, Total length 201.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 68.00 B: 19.00 mm



**115397** Starter 12 V, 2.0 kW  
 Replacing: 0001109042  
 Servicing: GAZ  
 B+ M8, Total length 245.00,  
 Gear type GR, Mount. holes 2 (2)  
 Alternative no.: 115500   
 A: 82.50 B: 21.00 mm



**115398** Starter 12 V, 1.7 kW  
 Replacing: 0001138002, 0001138001  
 Servicing: BMW  
 B+ M8, Total length 227.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 76.20 B: 26.00 mm



**115399** Starter 12 V, 1.4 kW  
 Replacing: 0001138010, 0001138009  
 Servicing: Alfa Romeo, Fiat, Jeep, Lancia  
 B+ M8, Total length 227.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.20 B: 3.00 mm



**115400** Starter 12 V, 1.4 kW  
 Replacing: 0001172401, 0001172400, 0001138012, 0001138011  
 Servicing: Alfa Romeo, Citroen, Fiat, Ford, Lancia, Peugeot  
 B+ M8, Total length 230.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 64.00 B: 24.00 mm



**115401** Starter 12 V, 2.2 kW  
 Replacing: 0001142002, 0001142001  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 242.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 52.00 mm



**115402** Starter 12 V, 1.8 kW  
 Replacing: 0001153010, 0001153009  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 248.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 61.00 mm



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**115408\*** Starter 12 V, 2.3 kW  
 Replacing: 0001223006  
 Servicing: Mercedes-Benz  
 Gear type GR, Mount. holes 2 (0)



**115420** Starter 12 V, 1.7 kW  
 Replacing: 0001115054, 0001115053  
 Servicing: Chrysler, Jeep  
 B+ M8, Total length 255.10,  
 Gear type GR, Mount. holes 2 (2)  
 A: 60.00 B: 26.00 mm



**115423** Starter 12 V, 3.0 kW  
 Replacing: 0001366003, 0001362058, 0001354089  
 Servicing: BPM, Goldoni, Lombardini, Ruggerini  
 B+ M10, Total length 330.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm



**115428** Starter 12 V, 1.8 kW  
 Replacing: 0001366019, 0001354094, 0001354026  
 Servicing: Various Agriculture Vehicles  
 B+ M10, Total length 323.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.30 B: 20.60 mm



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**115440** Starter 24 V, 7.0 kW  
 Replacing: 0986025250  
 Servicing: MAN  
 B+ M10, Total length 350.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**115444** 5★ Starter 12 V, 1.4 kW  
 Manufacturer: Bosch  
 Replacing: 0001108451, 0001108450  
 Servicing: Suzuki  
 B+ M8, Total length 215.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.20 B: 4.00 mm



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**115464\*** Starter 24 V, 6.0 kW  
 Replacing: 0001330068, 0001330067, 0001330012  
 Servicing: Volvo  
 B+ M10, B- M10, Total length 367.50,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 116044 5★  
 A: 89.00 B: 48.00 mm



**115470** 5★ Starter 12 V, 1.8 kW  
 Manufacturer: Bosch  
 Replacing: 0001354200, 0001314003, 0001109047  
 Servicing: Goldoni  
 B+ M8, Total length 255.00, Gear type GR,  
 Mount. holes 2 (0)  
 Alternative no.: 116013  
 A: 82.50 B: 21.00 mm



**115472** Starter 12 V, 2.7 kW  
 Replacing: 0001362304, 0001362303  
 Servicing: Deutz-Fahr  
 B+ M10, Total length 315.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 21.20 mm



**115500** 5★ Starter 12 V, 2.0 kW  
 Manufacturer: Bosch  
 Replacing: 0001109042  
 Servicing: GAZ  
 B+ M8, Total length 245.00,  
 Gear type GR, Mount. holes 2 (2)  
 Alternative no.: 115397  
 A: 82.50 B: 21.00 mm



**115501** 5★ Starter 12 V, 2.5 kW  
 Manufacturer: Bosch  
 Replacing: 0001109300  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8x1.25, Total length 243.80,  
 Gear type GR, Mount. holes 3 (3)  
 Alternative no.: 113935  
 A: 82.00 B: 1.00 mm



**115502** 5★ Starter 12 V, 2.2 kW  
 Manufacturer: Bosch  
 Replacing: 0001125609  
 Servicing: Audi, VW  
 B+ M8, Total length 235.50,  
 Gear type GR, Mount. holes 3 (1)  
 Alternative no.: 114775  
 A: 76.20 B: 25.00 mm



**115503** 5★ Starter 12 V, 1.8 kW  
 Manufacturer: Bosch  
 Replacing: 0001125042  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 235.00,  
 Gear type GR, Mount. holes 2 (0)  
 Alternative no.: 111900  
 A: 76.00 B: 53.00 mm



**115504** 5★ Starter 12 V, 1.1 kW  
 Manufacturer: Bosch  
 Replacing: 0001121028  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 212.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 111909  
 A: 76.25 B: 32.00 mm



**115505** 5★ Starter 12 V, 2.3 kW  
 Manufacturer: Bosch  
 Replacing: 0001109371, 0001109306  
 Servicing: Iveco, Mitsubishi, Multicar, Renault V.I.  
 B+ M8, Total length 246.00,  
 Gear type GR, Mount. holes 3 (3)  
 Alternative no.: 112441  
 A: 82.00 B: 27.00 mm



**115506** 5★ Starter 12 V, 2.0 kW  
 Manufacturer: Bosch  
 Replacing: 0001109025  
 Servicing: BMW, Land Rover  
 B+ M8, 30h M5, Total length 240.00,  
 Gear type GR, Mount. holes 2 (2)  
 Alternative no.: 113446  
 A: 76.00 B: 21.00 mm





**115507** 5★ Starter 12 V, 2.2 kW  
 Manufacturer: Bosch  
 Replacing: 0001125605  
 Servicing: VW  
 B+ M8, Total length 258.50,  
 Gear type GR, Mount. holes 2 (0)  
 Alternative no.: 113678  
 A: 76.15 B: 61.60 mm



**115508** 5★ Starter 12 V, 1.7 kW  
 Manufacturer: Bosch  
 Replacing: 0001123012  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 246.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 113842  
 A: 76.20 B: 52.50 mm



**115509** 5★ Starter 24 V, 5.5 kW  
 Manufacturer: Bosch  
 Replacing: 0001261028, 0001261027,  
 0001261026  
 Servicing: Scania  
 B+ M10, Total length 325.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 113891  
 A: 92.00 B: 48.00 mm



**115510** 5★ Starter 12 V, 2.0 kW  
 Manufacturer: Bosch  
 Replacing: 0001109324  
 Servicing: Citroen, Fiat, Ford, Land Rover,  
 Peugeot  
 B+ M8, Total length 255.00,  
 Gear type GR, Mount. holes 2 (0)  
 Alternative no.: 113959  
 A: 89.00 B: 36.00 mm



**115511** 5★ Starter 24 V, 5.5 kW  
 Manufacturer: Bosch  
 Replacing: 0001261069, 0001261045,  
 0001261044, 0001261013, 0001261012  
 Servicing: Bova, DAF, Minelli, Solaris  
 B+ M10, Total length 324.00,  
 Gear type DD/GR, Mount. holes 3 (0)  
 w/ safety switch.  
 Alternative no.: 114073  
 A: 110.00 B: 47.00 mm



**115512** 5★ Starter 12 V, 1.7 kW  
 Manufacturer: Bosch  
 Replacing: 0001115047  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 238.00,  
 Gear type GR, Mount. holes 2 (2)  
 Alternative no.: 114093  
 A: 82.50 B: 26.00 mm



**115513** 5★ Starter 24 V, 4.0 kW  
 Manufacturer: Bosch  
 Replacing: 0001231035  
 Servicing: MAN  
 B+ M10, Total length 315.00,  
 Gear type GR, Mount. holes 3 (0)  
 w/ safety switch.  
 Alternative no.: 114376  
 A: 89.00 B: 29.00 mm



**115514** 5★ Starter 24 V, 4.0 kW  
 Manufacturer: Bosch  
 Replacing: 0001231133, 0001231033  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 313.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 114523  
 A: 89.00 B: 48.50 mm



**115515** 5★ Starter 12 V, 2.0 kW  
 Manufacturer: Bosch  
 Replacing: 0001109046  
 Servicing: GAZ  
 B+ M8, Total length 246.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.88 B: 23.00 mm



**115516** Starter 12 V, 2.5 kW  
 Manufacturer: Bosch  
 Replacing: 0001109335, 0001109334, 0001109313, 0001109303, 0001109302  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 246.00,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (3)  
 Alternative no.: 114054  
 A: 82.00 B: 23.00 mm



**115522** Starter 12 V, 0.7 kW  
 Replacing: 0001116009  
 Servicing: Nissan  
 B+ M8, Total length 168.00,  
 Gear type DD, Mount. holes 2 (1)  
 A: 70.00 B: 6.50 mm



**115524** Starter 12 V, 0.85 kW  
 Replacing: F000AL0321  
 Servicing: Toyota  
 B+ M8, Mount. holes 2 (1)  
 A: 74.00 B: 25.00 mm



**115535** Starter 12 V, 3.0 kW  
 Replacing: 0001367021, 0001359062, 0001359017  
 Servicing: Agrifull, VM (Stabilimenti Mec)  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.40 B: 21.50 mm



**115539** Starter 12 V, 2.0 kW  
 Manufacturer: Valeo  
 Replacing: 0001153006, 0001153005  
 Servicing: Audi, Seat, VW  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 42.00 mm



**115540** Starter 12 V, 1.4 kW  
 Replacing: 0001109001  
 Servicing: Seat, VW  
 B+ M8, 15a 6.30, Total length 245.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 82.50 B: 14.00 mm



**115542** Starter 12 V, 1.1 kW  
 Replacing: 0001121033, 0001121032  
 Servicing: Seat, Skoda, VW  
 B+ M8, Total length 214.50,  
 Gear type GR, Mount. holes 3 (1)  
 A: 82.50 B: 3.00 mm



**115558** Starter 12 V, 1.4 kW  
 Replacing: 0001172407, 0001172406  
 Servicing: BMW  
 B+ M8, Total length 210.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 66.00 B: 5.00 mm



**115559** Starter 12 V, 1.4 kW  
 Replacing: 0001108466, 0001108445, 0001108415, 0001107452  
 Servicing: Audi, Porsche  
 B+ M8, Total length 230.50,  
 Gear type GR, Mount. holes 2 (1)  
 Alternative no.: 116054   
 A: 66.00 B: 24.00 mm



**115560** Starter 12 V, 1.7 kW  
 Replacing: 0001179513, 0001179512, 0001179511, 0001179510, 0001179501, 0001179500  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 229.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 79.00 B: 62.00 mm



**115561** Starter 12 V, 1.7 kW  
 Replacing: 0001179519, 0001179518, 0001179509, 0001179508, 0001179507, 0001179506  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 225.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 43.00 mm



**115562** Starter 12 V, 1.7 kW  
 Replacing: 0001138058, 0001138057, 0001138054, 0001138050, 0001138049  
 Servicing: BMW  
 B+ M8, Total length 228.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 76.20 B: 26.00 mm



**115563** Starter 12 V, 1.4 kW  
 Replacing: 0001107479, 0001107478  
 Servicing: Alfa Romeo  
 B+ M8, Total length 200.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.20 B: 4.00 mm



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**115567\*** Starter 12 V, 2.4 kW  
 Replacing: 0001362100  
 Servicing: Nissan  
 Mount. holes 3 (0)



**115570** Starter 12 V, 1.4 kW  
 Replacing: 0001138030, 0001138029  
 Servicing: Chevrolet, Opel, Vauxhall  
 B+ M8, Total length 229.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 64.00 B: 24.00 mm



**115588** Starter 12 V, 2.2 kW  
 Replacing: 0001109398, 0001109397,  
 0001109380, 0001109379  
 Servicing: Volvo  
 B+ M8, Total length 245.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 76.20 B: 0.00 mm



**115589** Starter 12 V, 1.7 kW  
 Replacing: 0001152411, 0001152410,  
 0001152400  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 53.00 mm



**115590** Starter 24 V, 9.0 kW  
 Replacing: 0001510003  
 Servicing: Various Agriculture Vehicles,  
 Various Industrial applications  
 B+ M12, B- M12, Total length 458.00,  
 Gear type DD, Mount. holes 0 (0),  
 Insulated return  
 A: 68.00 B: 37.50 mm



**115594** Starter 12 V, 2.2 kW  
 Replacing: F004A94011, F000AL0153,  
 F000AL0111  
 Servicing: Toyota  
 B+ M8, Total length 250.50,  
 Gear type GR, Mount. holes 2 (1)  
 A: 82.50 B: 18.00 mm



**115607** Starter 12 V, 1.7 kW  
 Replacing: 0001153511, 0001153510  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 247.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 53.00 mm



**115609** Starter 12 V, 3.0 kW  
 Replacing: 0001230002  
 Servicing: John Deere  
 B+ M10, Total length 315.50,  
 Gear type GR, Mount. holes 3 (0)  
 DD Starter HC-CARGO 112442.  
 A: 89.00 B: 48.00 mm



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**115610** Starter 12 V, 2.0 kW  
 Replacing: 0001153002, 0001153001  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 61.00 mm



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**115623\*** Starter 24 V, 4.0 kW  
 Replacing: 0001368074, 0001368063,  
 0001368017, 0001360061  
 Servicing: Volvo  
 B+ M10, Total length 340.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



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**115624** Starter 12 V, 1.2 kW  
 Replacing: 0001136008, 0001136007  
 Servicing: Renault  
 B+ M8, Total length 214.50,  
 Gear type GR, Mount. holes 3 (3)  
 A: 64.00 B: 1.00 mm





**115635** Starter 12 V, 1.7 kW  
 Replacing: 0001115110, 0001115083, 0001115082, 0001115056  
 Servicing: Audi  
 B+ M8, Total length 248.50,  
 Gear type GR, Mount. holes 2 (1)  
 A: 66.00 B: 23.50 mm



**115636** Starter 12 V, 1.7 kW  
 Manufacturer: Bosch  
 Replacing: 0001139076, 0001139075, 0001139020, 0001139019  
 Servicing: Audi  
 B+ M8, Total length 248.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 66.00 B: 23.00 mm



**115638** Starter 12 V, 1.7 kW  
 Replacing: 0001123045, 0001123044  
 Servicing: Audi, Avia, Seat, Skoda, VW  
 B+ M8x1.25, Total length 243.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 42.00 mm



**115646** Starter 12 V, 1.1 kW  
 Replacing: 0001137006, 0001137005  
 Servicing: Chevrolet, Opel, Vauxhall  
 B+ M8, Total length 205.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 68.00 B: 18.00 mm



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**115696** Starter 12 V, 1.1 kW  
 Replacing: 0001177009, 0001177008, 0001177007, 0001177006, 0001177001, 0001177000  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 215.50,  
 Gear type GR, Mount. holes 3 (0)  
 A: 79.00 B: 62.00 mm



**115697** Starter 12 V, 1.8 kW  
 Replacing: 0001109028  
 Servicing: Ruggerini  
 B+ M8, Total length 238.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.20 B: 28.00 mm



**115698** Starter 12 V, 1.1 kW  
 Replacing: 0001107477, 0001107476  
 Servicing: Renault  
 B+ M8, Total length 200.00,  
 Gear type GR, Mount. holes 4 (3)  
 A: 66.00 B: 0.00 mm



**115719** Starter 12 V, 1.1 kW  
 Replacing: 0001107493, 0001107492  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 199.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 68.00 B: 19.00 mm



**115733** Starter 12 V, 1.7 kW  
 Replacing: 0001138068, 0001138067, 0001138014, 0001138013  
 Servicing: Audi  
 B+ M8, Total length 229.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 66.00 B: 23.00 mm



**115734** Starter 12 V, 2.0 kW  
 Replacing: 0001147403, 0001147402  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 248.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 60.00 B: 28.00 mm



**115735** Starter 12 V, 2.0 kW  
 Replacing: 0001139074, 0001139073, 0001139042, 0001139041  
 Servicing: Audi  
 B+ M8, Total length 247.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 66.00 B: 23.00 mm



**115736** Starter 12 V, 1.7 kW  
 Replacing: 0001153020, 0001153019, 0001153014, 0001153013  
 Servicing: VW  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 76.10 B: 13.00 mm



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**115756** Starter 24 V, 7.0 kW  
 Replacing: 0001330060  
 Servicing: Renault V.I.  
 B+ M12, B- M12, Total length 389.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**115768** 5★ Starter 12 V, 2.2 kW  
 Manufacturer: Bosch  
 Replacing: 0001148004, 0001148003  
 Servicing: Opel, Vauxhall  
 Gear type GR, Mount. holes 3 (0)



**115770** Starter 12 V, 1.1 kW  
 Replacing: 0001107462, 0001107461  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 221.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 60.00 B: 26.00 mm



**115771** 5★ Starter 12 V  
 Manufacturer: Bosch  
 Replacing: 0001138016, 0001138015  
 Servicing: Mercedes-Benz  
 B+ M8, B- M8, Total length 226.00,  
 Mount. holes 2 (2)  
 A: 70.00 B: 25.50 mm



**115816** Starter 12 V, 1.4 kW  
 Replacing: 0001115035, 0001109009,  
 0001108210  
 Servicing: Lombardini  
 B+ M8, Total length 247.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 28.00 mm



**115818** Starter 12 V, 1.1 kW  
 Replacing: 0001179515, 0001179514,  
 0001179503, 0001179502  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 227.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 79.00 B: 52.00 mm



**115825** Starter 12 V, 1.1 kW  
 Replacing: 0001107460, 0001107459  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 221.50,  
 Gear type GR, Mount. holes 2 (2)  
 A: 60.00 B: 27.00 mm



**115877** 5★ Starter 24 V, 5.5 kW  
 Manufacturer: Bosch  
 Replacing: 0001261041  
 Servicing: Renault V.I., Volvo  
 B+ M10, B- M10, Total length 344.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 114193  
 A: 89.00 B: 47.50 mm



**115884** 5★ Starter 24 V, 5.5 kW  
 Manufacturer: Bosch  
 Replacing: 0001261049  
 Servicing: Volvo  
 B+ M10, B- M10, Total length 342.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 113830  
 A: 92.00 B: 48.00 mm



**115885** 5★ Starter 24 V, 7.5 kW  
 Manufacturer: Mitsubishi  
 Replacing: 0001330050  
 Servicing: Mercedes-Benz  
 B+ M12, Total length 348.50,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 113851  
 A: 92.00 B: 47.50 mm



**115888** 5★ Starter 24 V, 7.0 kW  
 Manufacturer: Mitsubishi  
 Replacing: 0001330057  
 Servicing: Volvo  
 B+ M12, B- M12, Total length 380.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 114310  
 A: 92.00 B: 47.50 mm



**115892** 5★ Starter 24 V, 5.5 kW  
 Manufacturer: Bosch  
 Replacing: 0001241021, 0001241009, 0001241005  
 Servicing: MAN  
 B+ M10, Total length 324.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 114031  
 A: 92.00 B: 48.00 mm



**115900** Starter 12 V, 1.1 kW  
 Replacing: 0001121436, 0001121435  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 216.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 42.50 mm



**115938** Starter 12 V, 2.2 kW  
 Replacing: 0001109261, 0001109260  
 Servicing: Audi  
 B+ M8, Total length 252.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 76.20 B: 25.00 mm



**115939** Starter 12 V, 2.2 kW  
 Replacing: 0001109263, 0001109262  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 256.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 70.00 B: 27.00 mm



**115940** Starter 12 V, 1.8 kW  
 Replacing: 0001109057  
 Servicing: BMW  
 B+ M8, 30h M5, Total length 245.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 76.00 B: 21.00 mm



**115941** Starter 12 V, 3.0 kW  
 Replacing: 0001230029, 0001230028,  
 0001230016, 0001230015  
 Servicing: VW  
 B+ M10, Total length 335.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 82.50 B: 87.00 mm



**115942** Starter 12 V, 1.1 kW  
 Replacing: 0001121003  
 Servicing: Porsche  
 B+ M8, Total length 211.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.20 B: 53.00 mm



**115943** Starter 12 V, 1.1 kW  
 Replacing: 0001121428, 0001121427,  
 0001121423, 0001121422  
 Servicing: Land Rover  
 B+ M8, Total length 202.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 56.00 B: -7.00 mm



**115944** Starter 12 V, 1.7 kW  
 Replacing: 0001179505, 0001179504  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 229.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 62.00 mm

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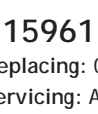
**115945\*** Starter 12 V, 2.0 kW  
 Replacing: 0001177011, 0001177010,  
 0001177002  
 Servicing: Audi, Seat, Skoda, VW  
 Mount. holes 2 (0)



**115946** Starter 12 V, 1.2 kW  
 Replacing: 0001107422, 0001107421  
 Servicing: Audi  
 B+ M8, Total length 206.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 82.50 B: 27.00 mm



**115948** Starter 12 V, 2.2 kW  
 Replacing: 0001109422, 0001109421,  
 0001109362, 0001109361, 0001109316,  
 0001109315  
 Servicing: Audi, Porsche  
 B+ M8, Total length 249.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 66.00 B: 24.00 mm



**115961** Starter 12 V, 1.1 kW  
 Replacing: 0001107447, 0001107446  
 Servicing: Audi  
 B+ M8, Total length 205.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 14.00 mm




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**115962** Starter 12 V, 1.7 kW

Replacing: 0001138062, 0001138061, 0001138053

Servicing: BMW

 B+ M8, Total length 226.50,  
 Gear type GR, Mount. holes 3 (1)

A: 60.00 B: 14.00 mm


**115986** Starter 12 V, 2.5 kW

Replacing: 0001139024, 0001139023

Servicing: Citroen, Ford, Peugeot

 B+ M8, Total length 255.00,  
 Gear type GR, Mount. holes 2 (0)

A: 89.00 B: 35.00 mm


**115996** Starter 12 V, 1.4 kW

Replacing: 0001108238, 0001108237

Servicing: Audi

 B+ M8, Total length 226.00,  
 Gear type GR, Mount. holes 3 (2)

A: 74.00 B: 24.00 mm


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**115997** Starter 12 V, 1.4 kW

Replacing: 0001138040, 0001138039

Servicing: Mini

 B+ M8, Total length 230.00,  
 Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 26.00 mm


**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**115998** Starter 12 V, 1.8 kW

Replacing: 0001139038, 0001139037

Servicing: Porsche

 B+ M8, Total length 249.50,  
 Gear type GR, Mount. holes 2 (0)

A: 68.00 B: 36.00 mm


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**115999** Starter 12 V, 1.4 kW

Replacing: 0001170201, 0001170200

Servicing: BMW, Mini

 B+ M8, Total length 206.00,  
 Gear type DD, Mount. holes 3 (0)

A: 66.00 B: 1.00 mm


**116001** Starter 12 V, 2.0 kW

Replacing: 0001148020, 0001148019

Servicing: BMW

 B+ M8, Total length 236.00,  
 Gear type GR, Mount. holes 3 (0)

A: 69.00 B: 18.50 mm


**116002** Starter 12 V, 1.7 kW

Replacing: 0001147405, 0001147404

Servicing: Mercedes-Benz

 B+ M8, Total length 247.50,  
 Gear type GR, Mount. holes 2 (2)

A: 60.00 B: 28.00 mm


**NEW PRODUCT**
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**116013** Starter 12 V, 1.8 kW

Replacing: 0001354200, 0001314003, 0001109047

Servicing: Goldoni

 B+ M8, Total length 255.00,  
 Gear type GR, Mount. holes 2 (0)

Alternative no.: 115470

A: 82.50 B: 21.00 mm


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**116024** Starter 12 V, 1.1 kW

Replacing: 0001137004, 0001137003

Servicing: Alfa Romeo, BMW, Fiat, Lancia

 B+ M8, Total length 216.50,  
 Gear type GR, Mount. holes 3 (0)

A: 76.20 B: 20.00 mm


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**116026** Starter 12 V, 1.4 kW

Replacing: 0001138056, 0001138055

Servicing: Hyundai, Kia

 B+ M8, Total length 229.00,  
 Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 22.00 mm


**NEW PRODUCT**
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**116039** Starter 12 V, 1.7 kW

Replacing: 0001123003, 0001123002

Servicing: Audi, Porsche, VW

 B+ M8, Total length 232.00,  
 Gear type GR, Mount. holes 2 (1)

A: 76.20 B: 9.00 mm



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**116040** Starter 24 V, 4.0 kW  
 Replacing: 0001368028, 0001360056  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**NEW PRODUCT**  
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**116041** Starter 24 V, 4.0 kW  
 Replacing: 9000143304, 0001368060  
 Servicing: Nissan  
 B+ M10, Total length 341.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 30.00 mm



**116044** Starter 24 V, 6.0 kW  
 Manufacturer: Bosch  
 Replacing: 0001330012  
 Servicing: Various Agriculture Vehicles,  
 Volvo, Volvo BM  
 B+ M10, B- M10, Total length 367.00,  
 Gear type GR, Mount. holes 3 (0),  
 Insulated return  
 Alternative no.: 115464  
 A: 89.00 B: 48.00 mm



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**116054** Starter 12 V, 1.4 kW  
 Manufacturer: Bosch  
 Replacing: 0001108466, 0001108445,  
 0001108415, 0001107452  
 Servicing: Audi, Porsche  
 B+ M8, Total length 230.50,  
 Gear type GR, Mount. holes 2 (1)  
 Alternative no.: 115559  
 A: 66.00 B: 24.00 mm



**116059** Starter 12 V, 2.2 kW  
 Manufacturer: Bosch  
 Replacing: 0001148509, 0001148508,  
 0001148033, 0001148026, 0001148010,  
 0001148009, 0001139016, 0001139015  
 Servicing: BMW  
 B+ M8, Total length 242.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115335  
 A: 69.00 B: 18.50 mm



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**116065\*** Starter 12 V, 2.5 kW  
 Replacing: 0001139032, 0001139031  
 Servicing: Ford  
 Gear type GR, Mount. holes 2 (0)



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**116077\*** Starter 12 V, 4.2 kW  
 Replacing: 0001262032  
 Servicing: Same  
 Mount. holes 2 (0)



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**116082** Starter 12 V, 1.7 kW  
 Replacing: 0001109404, 0001109403  
 Servicing: Jeep  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 76.00 B: 21.00 mm



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**116083** Starter 12 V, 1.8 kW  
 Replacing: 0001149417, 0001149416,  
 0001149415, 0001149414, 0001149405,  
 0001149404  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 266.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 60.00 B: 28.00 mm

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**116084\*** Starter 12 V, 1.8 kW  
 Replacing: 0001149413, 0001149412  
 Servicing: Mercedes-Benz  
 Gear type GR, Mount. holes 2 (2)



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**116102\*** Starter 12 V  
 Replacing: F002G20917  
 Servicing: Suzuki  
 Mount. holes 2 (0)



**110634** Starter 12 V, 0.65 kW  
 Replacing: 693054, 497595, 497594, 491766, 453303, 394805, 392749, 391423, 390838  
 Servicing: Briggs & Stratton  
 B+ 1/4" UNC, Total length 170.00,  
 Drive type Plastic, Gear type DD,  
 Mount. holes 3 (0)



**110635** Starter 12 V, 0.5 kW  
 Replacing: 497596, 435307, 394808, 394674, 393017  
 Servicing: Briggs & Stratton, Various Agriculture Vehicles  
 B+ M6, Total length 169.00, Drive type Steel,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0)  
 B: 15.60 mm



**111804** Starter 12 V, 0.6 kW  
 Replacing: 396306, 394807, 391178  
 Servicing: Toro, Various Agriculture Vehicles  
 B+ 1/4" UNC, Total length 182.00,  
 Drive type Plastic, Gear type DD,  
 Mount. holes 2 (0)  
 B: 50.00 mm



**112242** Starter 12 V, 0.6 kW  
 Replacing: 498148, 495100, 399928  
 Servicing: Briggs & Stratton, Various Agriculture Vehicles  
 B+ M6, Total length 182.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 B: 10.00 mm



**112563** Starter 12 V, 0.8 kW  
 Replacing: 795121, 691262, 499529, 499521, 497401, 495920, 494990, 494900, 494490, 494198, 494148, 490420  
 Servicing: Briggs & Stratton  
 B+ 1/4" UNC, Total length 182.00,  
 Drive type Plastic, Gear type DD,  
 Mount. holes 2 (0)



**113539** Starter 12 V  
 Replacing: 844717, 808106, 693469, 691564  
 Servicing: Briggs & Stratton, John Deere  
 B+ 1/4" UNC, Total length 185.70,  
 Drive type Bronze, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (0)



**113853** Starter 12 V  
 Replacing: 693551  
 Servicing: Briggs & Stratton, Cub Cadet, John Deere  
 B+ 1/4" UNC, Total length 170.00,  
 Drive type Bronze, Gear type PMDD,  
 Mount. holes 3 (0)  
 B: 13.00 mm



**114517** Starter 12 V  
 Replacing: 498149  
 Servicing: Briggs & Stratton  
 B+ 1/4" UNC, Total length 169.00,  
 Drive type Plastic, Gear type DD,  
 Mount. holes 2 (0)  
 B: 12.00 mm



**114519** Starter 12 V, 1.0 kW  
 Replacing: 693552  
 Servicing: Briggs & Stratton  
 B+ 1/4" UNC, Total length 182.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 B: 13.00 mm



**114520** Starter 12 V  
 Replacing: 490753  
 Servicing: Briggs & Stratton  
 B+ 1/4" UNC, Total length 235.00,  
 Drive type Plastic, Gear type DD,  
 Mount. holes 3 (1)  
 B: 48.00 mm



**114716** Starter 12 V  
 Replacing: 809054, 807383  
 Servicing: Briggs & Stratton  
 B+ M8, Total length 208.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 70.00 B: 32.50 mm



**115425** Starter 12 V, 1.3 kW  
 Replacing: 825222  
 Servicing: Cub Cadet  
 B+ M8, Total length 180.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 74.00 B: 20.00 mm





**115469** Starter 12 V, 0.7 kW  
 Replacing: 715208  
 Servicing: Briggs & Stratton, Various Agriculture Vehicles, Various Industrial applications  
 B+ M6, Total length 185.50,  
 Gear type PMDD, Mount. holes 2 (0)  
 A: 55.00 B: 20.50 mm



**115591** Starter 12 V  
 Replacing: 694504  
 Servicing: Briggs & Stratton  
 B+ 1/4" UNC, Total length 170.00,  
 Gear type DD, Mount. holes 2 (0)  
 B: 17.00 mm



**115592** Starter 12 V, 0.6 kW  
 Replacing: 695479  
 Servicing: Briggs & Stratton  
 B+ M6, Total length 170.00,  
 Gear type DD, Mount. holes 2 (0)  
 B: 20.00 mm



**115755** Starter 12 V, 1.2 kW  
 Replacing: 825700  
 Servicing: Kawasaki  
 B+ M8, Total length 180.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 74.00 B: 20.00 mm



**111398** Starter 12 V, 1.2 kW

Manufacturer: Mahle Letrika

Replacing: 612A1650, 61201650

Servicing: BUKH

B+ M8, Total length 215.00,  
Drive type Steel, Gear type DD,  
Mount. holes 2 (0)

*Oe unit has an opening on opposite side. HC-CARGO 111398 should be mounted "upside down" (Solenoid downward).*

A: 82.00 B: 21.00 mm



**110205** Starter 24 V, 6.5 kW  
 Replacing: 860500, 858881, 857466  
 Servicing: Volvo  
 B+ M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Waterproof  
 A: 89.00 B: 47.50 mm



**110206** Starter 24 V, 5.4 kW  
 Replacing: 860508, 857470  
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra  
 B+ M12, B- M10, Total length 390.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**110207** Starter 24 V, 5.4 kW  
 Replacing: 110207  
 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110208** Starter 24 V, 5.4 kW  
 Replacing: 860504, 860121  
 Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo  
 B+ M10, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Oil sealed, Waterproof  
 A: 89.00 B: 48.50 mm



**110210** Starter 24 V, 6.6 kW  
 Replacing: 860506, 860132, 857468  
 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong  
 B+ M12, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 48.50 mm



**110214** Starter 24 V, 6.6 kW  
 Replacing: 860548  
 Servicing: Scania  
 B+ M10, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 92.00 B: 37.00 mm



**110347** Starter 24 V, 7.5 kW  
 Replacing: MS7-410C  
 Servicing: Caterpillar, Clark, Fiat-Allis, Iveco  
 B+ 1/2" UNC, B- 1/2" UNC,  
 Total length 522.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 50MT.  
 A: 92.00 B: 47.00 mm



**110442** Starter 12 V, 2.1 kW  
 Replacing: 859883  
 Servicing: Balkancar, Conveyancer, Massey  
 Ferguson, Matbro  
 B+ M8, Total length 309.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.90 B: 30.00 mm



**110449** Starter 12 V, 3.6 kW  
 Manufacturer: Prestolite  
 Replacing: 870644  
 Servicing: Caterpillar, Dronningborg, Hyster,  
 Massey Ferguson, Perkins  
 B+ M8, Total length 370.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.90 B: 48.75 mm



**110452** Starter 12 V, 3.6 kW  
 Manufacturer: Prestolite  
 Replacing: 870656  
 Servicing: Perkins  
 B+ M8, Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return,  
 Oil sealed  
 A: 89.00 B: 48.00 mm



**110517** Starter 24 V, 3.2 kW  
 Replacing: 860104  
 Servicing: BENFRA, Fiat-Allis, Iveco  
 B+ M10, Total length 295.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110518** Starter 24 V, 4.0 kW  
 Replacing: LNS4524/20, 859542  
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 342.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm





**110523** Starter 24 V, 4.8 kW  
 Replacing: LNS4524/17, 859539  
 Servicing: ABG, Ahlmann, Case, Compar, Iveco, KHD, Payloader  
 B+ M10, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 27.50 mm



**110535** Starter 24 V, 5.4 kW  
 Replacing: 860655, 860115  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110590** Starter 12 V, 2.8 kW  
 Replacing: LNS2830  
 Servicing: Bobcat, Perkins  
 B+ M10, Total length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Waterproof  
 Replacing: 22MT, 27MT, 28MT.  
 A: 88.90 B: 46.00 mm



**110524** Starter 24 V, 4.0 kW  
 Replacing: LNS4524/15, 859537, 858780  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110538** Starter 12 V, 3.6 kW  
 Replacing: 860542  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 47.00 mm



**110602** Starter 12 V, 2.8 kW  
 Replacing: LNS2820  
 Servicing: Bobcat, Clark, Perkins  
 B+ M10, Total length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Oil sealed  
 Replacing: 22MT, 28MT.  
 A: 89.00 B: 46.00 mm



**110525** Starter 12 V, 3.0 kW  
 Replacing: 860130, 860109  
 Servicing: Claas, Mercedes-Benz  
 B+ M10, Total length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110566** Starter 24 V, 5.2 kW  
 Manufacturer: Prestolite  
 Replacing: 870660, 870648  
 Servicing: Perkins  
 B+ M8, Total length 371.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 88.85 B: 47.75 mm



**110980** Starter 24 V, 5.4 kW  
 Replacing: 860512, 860110, 858878  
 Servicing: Volvo  
 B+ M10, B- M10, Total length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**110527** Starter 24 V, 4.0 kW  
 Replacing: LNS4524/13, 859535, 857472  
 Servicing: Scania, Steyr  
 B+ M10, Total length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 Not Insulated return.  
 A: 89.00 B: 46.50 mm



**110582** Starter 24 V, 5.4 kW  
 Replacing: 860516, 860125  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**110981** Starter 24 V, 5.4 kW  
 Replacing: 860509, 859021  
 Servicing: DAF  
 B+ M12, B- M10, Total length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 47.50 mm

## STARTERS



**110998** Starter 24 V, 5.2 kW  
 Manufacturer: Prestolite  
 Replacing: 870651  
 Servicing: DAF, Ford  
 B+ M8, Total length 166.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**111000** Starter 24 V, 6.5 kW  
 Replacing: MS1A/25, MS1A/20, MS1/411AZ, MS1/401A, MS1-403A, MS1-401C, MS1-401A, MS1-401, MS1-124, MS1-103  
 Servicing: Caterpillar, Clark, Cummins, Fiat-Allis  
 B+ 1/2" UNC, B- 1/2" UNC, Total length 497.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return, Oil sealed w/ rotating D.E. Bracket. Replacing: 42MT.  
 A: 92.00 B: 46.00 mm



**111041** Starter 12 V, 2.8 kW  
 Replacing: LNS2810  
 Servicing: Fiat-Allis, Hyster, Perkins  
 B+ M10, Total length 338.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 22MT, 27MT, 28MT.  
 A: 88.85 B: 46.25 mm



**111097** Starter 24 V, 5.5 kW  
 Manufacturer: Prestolite  
 Replacing: MS4/406, MS4-406, LNS4524/7, LNS4524/4, 870663, 870655, 859432, 859422  
 Servicing: Komatsu, Perkins  
 B+ M10, 15a M5, Total length 374.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return, Oil sealed  
 A: 88.90 B: 30.35 mm



**111100** Starter 12 V, 0.7 kW  
 Replacing: MS1/453  
 Servicing: Citroen  
 B+ M8, Total length 207.75, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)  
 A: 65.60 B: 19.80 mm



**111231** Starter 24 V, 6.6 kW  
 Replacing: 860123  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 40.25 mm



**111399** Starter 24 V, 4.0 kW  
 Replacing: LNS4524/9, 859506, 859022  
 Servicing: DAF  
 B+ M10, B- M8, Total length 352.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 38.00 mm



**111574** Starter 12 V, 2.8 kW  
 Replacing: 858762  
 Servicing: ERF, LDV International, Various Agriculture Vehicles  
 B+ M8, Total length 340.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 88.75 B: 47.15 mm



**111638** Starter 24 V, 4.0 kW  
 Replacing: LNS4524/12, 859534  
 Servicing: Volvo  
 B+ M10, B- M10, Total length 334.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (0)  
 A: 89.00 B: 47.70 mm



**111640** Starter 24 V, 4.0 kW  
 Replacing: LNS4524/16, 859538, 858318  
 Servicing: MAN  
 B+ M10, Total length 338.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 88.50 B: 28.00 mm



**111760** Starter 24 V, 4.5 kW  
 Replacing: 860318  
 Servicing: Case, Cummins  
 B+ M10, Total length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 7MT, 28MT.  
 A: 89.00 B: 45.00 mm





**111910** Starter 24 V, 6.7 kW  
 Replacing: 860305  
 Servicing: Scania  
 B+ M12, B- M10, Total length 429.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**111982** Starter 24 V, 4.0 kW  
 Replacing: 860321  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 342.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.75 B: 45.00 mm



**112055** Starter 24 V, 5.2 kW  
 Manufacturer: Bosch  
 Replacing: 860304  
 Servicing: DAF  
 B+ M10, Total length 340.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 48.00 mm



**112090** Starter 24 V, 5.2 kW  
 Manufacturer: Prestolite  
 Replacing: 870653  
 Servicing: Ford  
 B+ M8, 15a M5, Total length 371.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return,  
 Oil sealed  
 A: 92.00 B: 20.50 mm



**112091** Starter 24 V, 5.2 kW  
 Manufacturer: Prestolite  
 Replacing: 870658, 870649  
 Servicing: Perkins  
 B+ M8, 15a M5, Total length 371.55,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return,  
 Oil sealed  
 A: 89.00 B: 47.00 mm



**112116** Starter 24 V, 6.6 kW  
 Replacing: 860511  
 Servicing: Volvo  
 B+ M12, B- M12, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 92.00 B: 47.00 mm



**112119** Starter 24 V, 6.6 kW  
 Replacing: 860505, 858879  
 Servicing: Scania  
 B+ M10, B- M10, Total length 406.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 37.00 mm



**112267** Starter 12 V, 2.5 kW  
 Replacing: LNS2800  
 Servicing: Bobcat, Cummins, Ford  
 B+ M10, Total length 339.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm



**112446** Starter 24 V, 4.0 kW  
 Replacing: 860818  
 Servicing: MAN  
 B+ M10, Total length 321.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0)  
 Bosch DD HC-CARGO 113468.  
 A: 89.00 B: 27.45 mm



**112507** Starter 24 V, 5.4 kW  
 Replacing: 860520  
 Servicing: Volvo, Volvo Penta  
 B+ M10, B- M10, Total length 385.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 BOSCH OE 0001414022 IS OIL-SEALED. HC-  
 CARGO 112507 IS NOT!  
 A: 89.00 B: 51.00 mm



**113380** Starter 12 V, 2.8 kW  
 Replacing: 860106  
 Servicing: Ford  
 B+ M8, B- M8, Total length 322.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 Terminal 50 is where the wire needs to be  
 soldered.  
 A: 91.80 B: 20.00 mm



**113389** Starter 12 V, 2.2 kW  
 Replacing: 860100  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 272.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.40 B: 25.00 mm





**113453** Starter 24 V, 6.5 kW  
 Manufacturer: Prestolite  
 Replacing: 870640, 870604  
 Servicing: Iveco  
 B+ M10, 15a M5-6.30,  
 Total length 370.50, Drive type Steel,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 3 (0), Insulated return,  
 Oil sealed  
 A: 110.00 B: 26.80 mm



**113466** Starter 24 V, 4.0 kW  
 Replacing: 860103  
 Servicing: Renault V.I.  
 B+ M10, Total length 316.00,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 88.90 B: 22.00 mm



**114193** Starter 24 V, 5.5 kW  
 Replacing: 860822  
 Servicing: Renault V.I., Volvo  
 B+ M10, Total length 350.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115877   
 A: 89.00 B: 48.00 mm



**114387** Starter 12 V, 3.2 kW  
 Manufacturer: Mahle Letrika  
 Replacing: 860714  
 Servicing: JCB, Perkins  
 B+ M8, B- M8, Total length 299.00,  
 Gear type DD, Mount. holes 3 (0)  
*Iskra version.*  
 A: 89.00 B: 28.85 mm



**115877** Starter 24 V, 5.5 kW  
 Manufacturer: Bosch  
 Replacing: 860822  
 Servicing: Renault V.I., Volvo  
 B+ M10, B- M10, Total length 344.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 114193  
 A: 89.00 B: 47.50 mm



**110205** Starter 24 V, 6.5 kW  
 Replacing: S130L24-21, 2311210  
 Servicing: Volvo  
 B+ M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Waterproof  
 A: 89.00 B: 47.50 mm



**110206** Starter 24 V, 5.4 kW  
 Replacing: S115HD24-1, 2998011, 1403000  
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra  
 B+ M12, B- M10, Total length 390.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**110207** Starter 24 V, 5.4 kW  
 Replacing: S115A24-21, 2998008, 1327A601,  
 1327A600  
 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110209** Starter 24 V, 5.4 kW  
 Replacing: 2998009  
 Servicing: DAF  
 B+ M12, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110210** Starter 24 V, 6.6 kW  
 Replacing: 2998010  
 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong  
 B+ M12, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 48.50 mm



**110214** Starter 24 V, 6.6 kW  
 Replacing: 2998006  
 Servicing: Scania  
 B+ M10, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 92.00 B: 37.00 mm



**110347** Starter 24 V, 7.5 kW  
 Replacing: 2311040  
 Servicing: Caterpillar, Clark, Fiat-Allis, Iveco  
 B+ 1/2" UNC, B- 1/2" UNC,  
 Total length 522.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 50MT.  
 A: 92.00 B: 47.00 mm



**110449** 5★ Starter 12 V, 3.6 kW  
 Manufacturer: Prestolite  
 Replacing: Z1320F515, S115A12-1,  
 CA45H12-2, CA45G12-51A, CA45G12-51,  
 CA45G12-2M, CA45G12-2, CA45F12-Y81  
 Servicing: Caterpillar, Dronningborg, Hyster,  
 Massey Ferguson, Perkins  
 B+ M8, Total length 370.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.90 B: 48.75 mm



**110450** 5★ Starter 12 V, 3.6 kW  
 Manufacturer: Prestolite  
 Replacing: S115A12-3M, S11512-3M,  
 S1115A12-3, CA45H12-3M, CA45G12-3M,  
 CA45G12-3, CA45F12-Y3M, CA45F12-3M  
 Servicing: Perkins  
 B+ M8, B- M8, 15a M4,  
 Total length 370.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed  
 A: 88.80 B: 47.50 mm



**110452** 5★ Starter 12 V, 3.6 kW  
 Manufacturer: Prestolite  
 Replacing: S115A12-15M, CA45H12-11M,  
 CA45G12-95M, CA45G12-95, CA45G12-11M,  
 CA45F12-Y11M, CA45F12-95M  
 Servicing: Perkins  
 B+ M8, Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return,  
 Oil sealed  
 A: 89.00 B: 48.00 mm



**110518** Starter 24 V, 4.0 kW  
 Replacing: 2998201  
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 342.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110524** Starter 24 V, 4.0 kW  
 Replacing: 2998001  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 341.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110525** Starter 12 V, 3.0 kW  
 Replacing: 2998000  
 Servicing: Claas, Mercedes-Benz  
 B+ M10, Total length 341.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110527** Starter 24 V, 4.0 kW  
 Replacing: CA45F24-Y78, 2998004, 2996101,  
 1321F904, 1321F780, 1321780  
 Servicing: Scania, Steyr  
 B+ M10, Total length 342.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 Not Insulated return.  
 A: 89.00 B: 46.50 mm



**110529** Starter 12 V, 3.0 kW  
 Replacing: 2998200  
 Servicing: Agrifull, BENFRA, Fiat, Fiat-Allis,  
 Iveco  
 B+ M10, Total length 340.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 110.00 B: 30.00 mm



**110531** Starter 24 V, 6.6 kW  
 Replacing: 2998007  
 Servicing: Fiat-Allis, Gmeinder, KHD,  
 Mercedes-Benz  
 B+ M12, B- M10, Total length 405.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 0 (0)  
 A: 56.00 B: 37.00 mm



**110566** Starter 24 V, 5.2 kW  
 Manufacturer: Prestolite  
 Replacing: S115A24-2, S115A24-1, S11524-  
 2, S11524-1, CA45H24-2, CA45G24-2,  
 CA45F24-Y2, CA45F24-47, CA45F24-2  
 Servicing: Perkins  
 B+ M8, Total length 371.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 88.85 B: 47.75 mm



**110998** Starter 24 V, 5.2 kW  
 Manufacturer: Prestolite  
 Replacing: S115A24-9, S11524-9,  
 CA45H24-18, CA45G24-18, CA45F24-18,  
 CA45D24-18, CA4524-18, 1327A491, 1327A490  
 Servicing: DAF, Ford  
 B+ M8, Total length 166.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**111000** Starter 24 V, 6.5 kW  
 Replacing: 2998150  
 Servicing: Caterpillar, Clark, Cummins, Fiat-  
 Allis  
 B+ 1/2" UNC, B- 1/2" UNC,  
 Total length 497.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed  
 w/ rotating D.E. Bracket. Replacing: 42MT.  
 A: 92.00 B: 46.00 mm



**111097** Starter 24 V, 5.5 kW  
 Manufacturer: Prestolite  
 Replacing: S115A24-8, S115A24-7,  
 S115A24-29, S115A24-23, S115A24-20,  
 S11524-8, S11524-7X, S11524-7, S11524-23X  
 Servicing: Komatsu, Perkins  
 B+ M10, 15a M5, Total length 374.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return, Oil  
 sealed  
 A: 88.90 B: 30.35 mm



**111638** Starter 24 V, 4.0 kW  
 Replacing: 2998002  
 Servicing: Volvo  
 B+ M10, B- M10, Total length 334.00,  
 Drive type Steel, Gear type DD/GR,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.70 mm





**112090** 5★ Starter 24 V, 5.2 kW

Manufacturer: Prestolite

Replacing: S115A24-4M, S11524-4M, CA45G24-55M, CA45G24-124M, CA45F24-55M, CA45F24-55, CA45D24-55M, CA45D24-55

Servicing: Ford

B+ M8, 15a M5, Total length 371.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return, Oil sealed

A: 92.00 B: 20.50 mm



**112091** 5★ Starter 24 V, 5.2 kW

Manufacturer: Prestolite

Replacing: S115A24-3M, S11524-3M, CA45H24-3M, CA45G24-3M, CA45G24-3, CA45F24-Y55M, CA45F24-Y3, CA45F24-3M

Servicing: Perkins

B+ M8, 15a M5, Total length 371.55, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return, Oil sealed

A: 89.00 B: 47.00 mm



**112372** 5★ Starter 24 V, 7.8 kW

Manufacturer: Prestolite

Replacing: S115A24-11M, CA45H24-125M, CA45G24-125M, CA45F24-125M, 1327A501, 1327A500, 1321H936, 1321G936

Servicing: Cummins

B+ M8, Total length 366.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0), Insulated return

A: 89.00 B: 48.00 mm



**113453** 5★ Starter 24 V, 6.5 kW

Manufacturer: Prestolite

Replacing: S115A24-30M, CA45G24-12M, CA45G24-121M, CA45G24-121, CA45F24-121, 1327A691, 1327A690, 1321G938

Servicing: Iveco

B+ M10, 15a M5-6.30, Total length 370.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0), Insulated return, Oil sealed

A: 110.00 B: 26.80 mm



**110222** Starter 12 V, 1.3 kW  
 Replacing: 4145568, 4145360, 4111860, 4091950, 3755250  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 298.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 71.00 B: 24.50 mm



**110223** Starter 12 V, 1.1 kW  
 Replacing: 4091975, 3755900, 3755259, 3656650, 3656575, 2875560, 2098500, 2095150  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ 5/16" UNC, Total length 283.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 71.40 B: 23.50 mm



**110231** Starter 12 V  
 Replacing: 3131372, 3131371  
 Servicing: American Motors, Jeep  
 B+ 1/4" UNC, Total length 265.50, Drive type Steel, Gear type DD, Mount. holes 2 (1)  
 A: 82.50 B: 16.50 mm



**110509** Starter 12 V, 1.4 kW  
 Replacing: 3182774  
 Servicing: American Motors, Jeep  
 B+ M8, Total length 265.50, Drive type Steel, Gear type DD, Mount. holes 2 (1)  
 A: 82.50 B: 17.00 mm



**110636** Starter 12 V, 0.6 kW  
 Replacing: 616955, 480955  
 Servicing: Chrysler  
 B+ 1/4" UNC, Total length 262.00, Drive type Bronze, Gear type DD, Mount. holes 2 (2)  
 A: 63.30 B: 64.00 mm



**111114** Starter 12 V, 3.1 kW  
 Replacing: 56026851  
 Servicing: Jeep, Renault  
 B+ M8, Total length 257.75, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 75.00 B: -9.50 mm



**111349** Starter 12 V, 1.2 kW  
 Replacing: 56041021AD, 56041014, 56041012AE, 56041012AB, 56041012, 56027317, 56021012AB, 54041012AC, 33002709  
 Servicing: Jeep  
 B+ M8, Total length 230.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)  
 A: 82.40 B: 5.50 mm



**111490** Starter 12 V, 1.4 kW  
 Replacing: 56027350  
 Servicing: Eagle, Jeep  
 B+ M8, Total length 245.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 66.00 B: 11.00 mm



**111492** Starter 12 V, 1.4 kW  
 Replacing: 5334509, 5234509, 4686109, 4686045, 4557709  
 Servicing: Chrysler, Dodge, Nissan, Plymouth  
 B+ M8, Total length 226.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (2)  
 A: 82.00 B: 8.00 mm



**111764** Starter 12 V, 1.4 kW  
 Replacing: 53005984, 5226844, 4379160, 4379143, 4349144  
 Servicing: Dodge  
 B+ M8, Total length 240.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)  
 A: 71.00 B: 23.50 mm



**112301** Starter 12 V, 1.2 kW  
 Replacing: 56041013, 56027904, 4796981  
 Servicing: Dodge, Jeep  
 B+ M8, Total length 207.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 A: 60.00 B: 18.00 mm



**112846** Starter 12 V, 1.4 kW  
 Replacing: 4609058  
 Servicing: Chrysler, Dodge  
 B+ M8, Total length 231.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0)  
 A: 81.90 B: 7.70 mm



**113044** Starter 12 V, 1.4 kW  
 Replacing: 56004934  
 Servicing: Jeep  
 B+ M8, Total length 215.10,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 71.80 B: 23.00 mm



**113242** Starter 12 V, 1.4 kW  
 Replacing: 4609346AB, 4609346,  
 04609346AB, 04609346  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 237.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 81.60 B: 8.00 mm



**113642** Starter 12 V, 1.6 kW  
 Replacing: 56041436AC, 56041436AB,  
 56041436AA, 56041136AB  
 Servicing: Jeep  
 B+ M8, Total length 228.50,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Wet, Mount. holes 2 (2)  
 A: 65.00 B: 4.85 mm



**113114** Starter 12 V, 2.7 kW  
 Replacing: 4746639, 4741012  
 Servicing: Cummins, Dodge  
 B+ M10, Total length 301.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**113282** Starter 12 V, 1.4 kW  
 Manufacturer: Bosch  
 Replacing: 5097072AC, 5097072AA,  
 05097072AC, 05097072AA  
 Servicing: Chrysler, Mercedes-Benz  
 B+ M8, Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 60.00 B: 25.80 mm



**113977** Starter 12 V, 2.2 kW  
 Replacing: 4868860AA, 04868860AA  
 Servicing: Chrysler, Dodge  
 B+ M8, Total length 251.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 82.00 B: 9.00 mm



**113116** Starter 12 V, 1.4 kW  
 Replacing: 56027702, 560277002  
 Servicing: Dodge  
 B+ M8, Total length 220.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 72.40 B: 23.00 mm



**113613** Starter 12 V, 1.1 kW  
 Replacing: 5033556AC, 5033556AB,  
 5033556AA, 5033133AC, 5033133AB,  
 5033133AA, 4793493, 05033556AB, 05033556AA  
 Servicing: Dodge, Plymouth  
 B+ M8, Total length 211.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 A: 73.90 B: 9.00 mm



**114135** Starter 12 V, 1.2 kW  
 Replacing: 4686045AC, 4686045AB,  
 04686045AC, 04686045AB  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 230.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 81.60 B: 7.50 mm



**113120** Starter 12 V, 1.4 kW  
 Replacing: 56027702AC, 56027702AB  
 Servicing: Dodge  
 B+ M8, Total length 220.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 72.50 B: 23.00 mm



**113618** Starter 12 V, 1.6 kW  
 Replacing: 56041207AD, 56041207AC,  
 56041207AB, 56041207  
 Servicing: Jeep  
 B+ M8, Total length 215.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 A: 64.90 B: 6.00 mm



**114144** Starter 12 V, 2.0 kW  
 Replacing: 5033125AA, 05033125AA  
 Servicing: Chrysler  
 B+ M8, Total length 227.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 25.95 mm

## STARTERS





**114217** Starter 12 V, 2.0 kW  
 Replacing: 5033440AC, 5033440AA, 05033440AC, 05033440AA  
 Servicing: Dodge, Jeep, Mitsubishi  
 B+ M8, Total length 232.00,  
 Gear type GR, Mount. holes 3 (0)  
 B: 42.00 mm



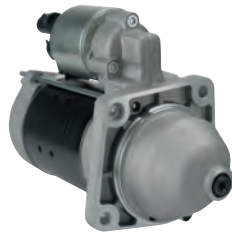
**114233** Starter 12 V, 2.2 kW  
 Replacing: 4883447AA, 35532045  
 Servicing: Jeep  
 B+ M8, Total length 272.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 82.50 B: 21.00 mm



**114237** Starter 12 V, 2.2 kW  
 Replacing: 5033125AB, 05033125AB  
 Servicing: Chrysler, Jeep  
 B+ M8, Total length 227.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 25.50 mm



**114238** Starter 12 V, 1.4 kW  
 Replacing: 56041013AB  
 Servicing: Jeep  
 B+ M8, Total length 206.00,  
 Gear type DD, Mount. holes 4 (0)  
 A: 58.50 B: 9.00 mm



**114274** Starter 12 V, 2.3 kW  
 Replacing: RL041563AA, 56041563AA  
 Servicing: Jeep  
 B+ M8, Total length 251.50,  
 Gear type GR, Mount. holes 3 (0)  
 A: 82.50 B: 21.00 mm



**114279** Starter 12 V, 2.2 kW  
 Replacing: 56041579AB  
 Servicing: Jeep  
 B+ M8, Total length 227.50,  
 Gear type GR, Mount. holes 3 (0)  
 A: 82.50 B: 19.00 mm



**114283** Starter 12 V, 2.0 kW  
 Replacing: 4727313AC, 4727313AB, 4727313AA, 04727313AC, 04727313AB, 04727313AA  
 Servicing: Chrysler  
 B+ M8, Total length 227.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 82.50 B: 0.00 mm



**114294** Starter 12 V, 1.1 kW  
 Replacing: 4686512AC, 4686512, 04686512, 0468664AC  
 Servicing: Chrysler, Plymouth  
 B+ M8, Total length 239.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (2)  
 A: 70.00 B: 7.00 mm



**114328** Starter 12 V, 1.6 kW  
 Replacing: 4609345, 04609345  
 Servicing: Chrysler  
 B+ M8, Total length 239.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (3)  
 A: 82.00 B: 8.00 mm



**114878** Starter 12 V, 2.2 kW  
 Replacing: 4801472AA, 04801472AA  
 Servicing: Chrysler, Jeep  
 B+ M8, Total length 249.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 60.00 B: 27.00 mm



**115420** Starter 12 V, 1.7 kW  
 Replacing: 4801516AA, 04801516AA  
 Servicing: Chrysler, Jeep  
 B+ M8, Total length 255.10,  
 Gear type GR, Mount. holes 2 (2)  
 A: 60.00 B: 26.00 mm



**115573** Starter 12 V, 2.2 kW  
 Replacing: 56041579AA  
 Servicing: Jeep  
 B+ M8, Total length 226.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 82.50 B: 19.00 mm



**115783** Starter 12 V, 1.4 kW

Replacing: 04686045AD

Servicing: Chrysler, Dodge

B+ M8, Total length 226.00,

Gear type GR, Mount. holes 3 (3)

A: 82.00 B: 9.00 mm



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**116082** Starter 12 V, 1.7 kW

Replacing: 68080460AA

Servicing: Jeep

B+ M8, Total length 240.00,

Gear type GR, Mount. holes 2 (1)

A: 76.00 B: 21.00 mm



**110149** Starter 12 V, 0.9 kW  
 Replacing: 228000-3381, 228000-3380  
 Servicing: Mazda, Mercury  
 B+ M8, Total length 198.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (2)  
 A: 74.00 B: 15.00 mm



**110152** Starter 12 V, 0.9 kW  
 Replacing: 028000-9020, 028000-7530,  
 028000-6813, 028000-6812, 028000-6811,  
 028000-6810, 028000-6803  
 Servicing: Toyota  
 B+ M8, Total length 194.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 74.00 B: 19.50 mm



**110154** Starter 12 V, 0.8 kW  
 Replacing: 028000-9010, 028000-7521,  
 028000-7520, 028000-6823, 028000-6822,  
 028000-6821, 028000-6820  
 Servicing: Daihatsu, Komatsu, Toyota  
 B+ M8, 15a 6.30, Total length 213.00,  
 Drive type Steel, Gear type DD/GR,  
 Mount. holes 2 (0)  
 A: 82.50 B: 32.50 mm



**110158** Starter 12 V, 1.2 kW  
 Replacing: 128000-046A, 128000-0462,  
 128000-0461  
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi,  
 Plymouth, Proton  
 B+ M8, Total length 233.00, Drive type Steel,  
 Gear type DD/GR, Mount. holes 2 (2)  
 A: 77.00 B: 18.00 mm



**110245** Starter 12 V, 1.7 kW  
 Replacing: 128000-6843, 128000-6841,  
 128000-6840, 128000-6621, 128000-6620,  
 028000-8434, 028000-8432  
 Servicing: Kubota, Various Agriculture Vehicles  
 B+ M8, Total length 196.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 26.00 mm



**110246** Starter 12 V, 1.4 kW  
 Replacing: 228000-1061, 228000-1060,  
 128000-4900, 028000-6140  
 Servicing: Kubota, Various Agriculture Vehicles  
 B+ M8, Total length 212.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 66.00 B: 18.00 mm



**110249** Starter 12 V, 0.8 kW  
 Replacing: 228000-8490, 228000-4891,  
 228000-4890, 128000-9540, 128000-5231,  
 128000-5230, 128000-0671  
 Servicing: Honda, Nissan, Rover  
 B+ M8, Total length 209.50, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 75.00 B: 34.75 mm



**110260** Starter 12 V, 1.0 kW  
 Replacing: 128000-8241, 128000-8240,  
 128000-1241, 128000-1240, 028000-7561,  
 028000-7560, 028000-5901  
 Servicing: Toyota, VW  
 B+ M8, Total length 197.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 73.80 B: 20.00 mm



**110312** Starter 12 V, 1.0 kW  
 Replacing: 228000-0211, 228000-0210, 128000-  
 5081, 128000-5080, 128000-0281, 128000-0280  
 Servicing: Honda, Rover  
 B+ M8, Total length 178.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 32.40 mm



**110323** Starter 12 V, 0.8 kW  
 Replacing: 128000-8531, 128000-8530,  
 128000-1621, 128000-1620  
 Servicing: Toyota  
 B+ M8, Total length 232.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (2)  
 A: 74.00 B: 5.00 mm



**110336** Starter 12 V, 0.75 kW  
 Replacing: 028000-7711, 028000-7710, 028000-  
 5410, 028000-5407, 028000-5401, 028000-5400  
 Servicing: Ford, Mercury, Triumph  
 B+ M8, 15a M5, Total length 224.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 28.00 mm



**110356** Starter 12 V, 1.4 kW  
 Replacing: 228000-1052, 228000-1050,  
 128000-2131, 128000-2130  
 Servicing: Kubota, Various Agriculture Vehicles  
 B+ M8, Total length 190.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 25.00 mm





9,10


**110389** Starter 12 V, 2.0 kW

Replacing: 228000-3842, 228000-3841, 228000-3840, 128000-0040

Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki

B+ M8, Total length 232.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

A: 88.00 B: 6.00 mm



9


**110396** Starter 12 V, 1.4 kW

Replacing: 028000-9861, 028000-9860, 028000-7621, 028000-7620, 028000-4532, 028000-4530, 028000-4343

Servicing: Toyota

B+ M8, Total length 189.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



9


**110397** Starter 12 V, 1.0 kW

Replacing: 128000-7090, 128000-3440, 128000-3343, 128000-3342, 128000-3341, 128000-3340, 128000-1520

Servicing: Daihatsu, Toyota, VW

B+ M8, Total length 181.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 73.95 B: 18.50 mm



8,9


**110402** Starter 12 V, 0.6 kW

Replacing: 128000-4201, 128000-4200, 128000-3641, 128000-3640, 128000-1863, 128000-1862, 128000-1861

Servicing: Bedford, Suzuki

B+ M8, 15a M5, Total length 231.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 65.00 B: 26.00 mm



9


**110411** Starter 12 V, 1.4 kW

Replacing: 228000-4850, 228000-4840, 228000-4392, 228000-4391, 228000-4390, 228000-4372, 228000-4371

Servicing: Toyota, VW

B+ M8, Total length 189.30, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



9


**110421** Starter 12 V, 0.8 kW

Replacing: 028000-9570, 028000-8890, 028000-7471, 028000-7470, 028000-7462, 028000-7461, 028000-7460

Servicing: Daihatsu, Kubota, Suzuki, Toyota, Various Agriculture Vehicles

B+ M8, Total length 188.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 66.00 B: 16.00 mm



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**110444** Starter 12 V, 2.1 kW

Replacing: 028000-2265, 028000-2264, 028000-2260

Servicing: LDV

B+ M8, Total length 309.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 88.80 B: 23.50 mm



9


**110447** Starter 12 V, 1.0 kW

Replacing: 428000-2640, 228000-7151, 228000-7150, 228000-0981, 228000-0980, 228000-0971, 228000-0970

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, Total length 199.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 66.00 B: 17.00 mm



11


**110473** Starter 12 V, 2.5 kW

Replacing: 028000-6292, 028000-6291, 028000-6290

Servicing: Daihatsu

B+ M10, Total length 296.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 21.00 mm



13,15


**110485** Starter 12 V, 1.4 kW

Replacing: 228000-7111, 228000-7110, 228000-3802, 228000-3801, 228000-3800, 228000-3780, 228000-3732

Servicing: Thermo King, Yanmar

B+ M8, Total length 191.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.00 mm



11


**110490** Starter 24 V, 4.5 kW

Replacing: 028000-6013, 028000-6012, 028000-6011, 028000-6010, 028000-5864, 028000-5863, 028000-5862

Servicing: Toyota

B+ M10, Total length 295.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 90.00 B: 16.00 mm



11


**110507** Starter 24 V, 4.5 kW

Replacing: 028000-5301, 028000-5300

Servicing: Toyota

B+ M10, Total length 299.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 56.00 mm


**110573** Starter 12 V, 2.0 kW

Replacing: 128000-2880, 028000-6441, 028000-6440

Servicing: Daewoo, Hyster, Isuzu

B+ M8, Total length 234.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.80 mm


**110580** Starter 24 V, 4.5 kW

Replacing: 028000-6202, 028000-6201, 028000-6200

Servicing: Isuzu

B+ M10, Total length 297.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 41.00 mm


**110581** Starter 24 V, 4.5 kW

Replacing: 028000-7811, 028000-7810, 028000-7242, 028000-7241, 028000-7240, 028000-5891, 028000-5890

Servicing: Peugeot, Toyota

B+ M10, Total length 296.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 105.00 B: 16.30 mm


**110626** Starter 12 V, 1.4 kW

Replacing: 128000-2970, 128000-2960, 128000-1770, 128000-1050, 028000-8230

Servicing: 128000-1770, Caterpillar

 B+ M8, Total length 228.00, Drive type Steel, Gear type GR, Mount. holes 3 (0) *Units w/ 2 and 3 mounting holes are interchangeable.*

A: 88.80 B: 20.25 mm


**110627** Starter 12 V, 2.5 kW

Replacing: 228000-8410, 028000-5884, 028000-5883, 028000-5882, 028000-5881, 028000-5880

Servicing: Case, Ford

B+ M8, Total length 291.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 47.60 mm


**110708** Starter 12 V, 2.7 kW

Replacing: 128000-9582, 128000-9581, 128000-9580, 128000-7923, 128000-7922, 128000-7921, 128000-7920

Servicing: Toyota, VW

B+ M10, Total length 296.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 82.45 B: 15.60 mm


**110709** Starter 12 V, 1.0 kW

Replacing: 128000-1441, 128000-1440

Servicing: Toyota

B+ M8, Total length 197.25, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 5.30 mm


**110713** Starter 12 V, 1.0 kW

Replacing: 228000-6840, 228000-1710, 228000-1102, 228000-1100, 228000-0311, 128000-8500, 128000-8360

Servicing: GEO, Toyota

B+ M8, Total length 199.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 73.90 B: 8.00 mm


**110720** Starter 12 V, 1.4 kW

Replacing: 228000-4922, 228000-4921, 228000-4920, 228000-1082, 228000-1081, 228000-1080, 228000-1022

Servicing: Kubota

B+ M8, Total length 188.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 25.00 mm


**110831** Starter 12 V, 0.8 kW

Replacing: 028000-7681, 028000-7680, 028000-5210, 028000-5201, 028000-5200

Servicing: Ford

B+ M8, Total length 258.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 31.00 mm


**110938** Starter 12 V, 1.4 kW

Replacing: 128000-0141, 128000-0140, 028000-7830

Servicing: Carrier Transcold

B+ M8, Total length 188.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 26.00 mm


**110940** Starter 12 V, 1.4 kW

Replacing: 228000-6250, 228000-1071, 228000-1070, 228000-1041, 228000-1040, 228000-1002, 228000-1001

Servicing: Carrier Transcold, Kubota, Various Agriculture Vehicles

B+ M8, Total length 212.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 26.50 mm




**110941** Starter 12 V, 2.5 kW

Replacing: 228000-1422, 228000-1421, 228000-1420, 228000-1351, 228000-1350, 228000-1062, 128000-1061

Servicing: Caterpillar

B+ M10, Total length 301.85, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed

A: 88.90 B: 24.60 mm


**110942** Starter 12 V, 2.5 kW

Replacing: 228000-6471, 228000-6470, 028000-8404, 028000-8403, 028000-8402, 028000-8401, 028000-8400

Servicing: Bobcat

B+ M10, Total length 295.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0), Oil sealed

A: 82.50 B: 35.50 mm


**110944** Starter 24 V, 5.5 kW

Replacing: 128000-5733, 128000-5732, 128000-5731, 128000-5730

Servicing: Caterpillar

B+ M10, Total length 322.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed

A: 88.75 B: 47.50 mm


**110961** Starter 12 V, 2.5 kW

Replacing: 128000-9610, 128000-4720, 128000-4083, 128000-4082, 128000-4081, 128000-4080

Servicing: Caterpillar

B+ M10, Total length 292.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.90 B: 48.00 mm


**110962** Starter 12 V, 2.0 kW

Replacing: 128000-7031, 128000-7030, 028000-9831, 028000-9830

Servicing: Caterpillar

B+ M10, Total length 228.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 73.90 B: 19.10 mm


**110999** Starter 24 V

Replacing: 228000-0070, 128000-7520, 128000-7510

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo

B+ 1/2" UNC, B- 1/2" UNC, Gear type DD, Total length 499.50, Drive type Steel, Mount. holes 3 (0), Insulated return, Oil sealed  
Replacing: 42MT.

A: 92.00 B: 46.50 mm


**111021** Starter 12 V, 1.4 kW

Replacing: 228000-7671, 228000-7670, 228000-3660, 228000-1531, 228000-1530, 228000-0991, 228000-0990

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, Total length 209.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 66.00 B: 18.00 mm


**111030** Starter 12 V, 1.4 kW

Replacing: 128000-8660, 128000-2660, 128000-1360

Servicing: Ford, Volvo

B+ M8, Total length 246.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

A: 76.20 B: 14.00 mm


**111087** Starter 12 V, 1.0 kW

Replacing: 128000-1154, 128000-1153, 128000-1152, 128000-1151, 128000-1150

Servicing: John Deere, Yanmar

B+ M8, Total length 199.45, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 94.90 B: 21.00 mm


**111088** Starter 12 V, 0.8 kW

Replacing: 228000-6430, 128000-3662, 128000-3621, 028000-9470

Servicing: Daihatsu, Piaggio

B+ M8, Total length 209.80, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 64.60 B: 30.00 mm


**111131** Starter 12 V, 0.8 kW

Replacing: 228000-1540, 128000-8990, 128000-8690, 128000-8650, 128000-4230, 128000-3741, 128000-3740

Servicing: Austin, Ford, Mazda, Rover

B+ M8, Total length 208.75, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 76.15 B: 13.45 mm


**111189** Starter 12 V, 0.8 kW

Replacing: 128000-8130

Servicing: Komatsu, Toyota

B+ M8, Total length 231.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 73.90 B: 20.00 mm





**111197** Starter 12 V, 2.0 kW

Replacing: 428000-2030, 228000-5273, 228000-5270, 228000-4750, 228000-4593, 228000-4592, 228000-4591

Servicing: Kubota, Various Agriculture Vehicles  
B+ M8, Total length 232.40, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
A: 82.55 B: 26.00 mm



**111224** Starter 12 V, 4.0 kW

Replacing: 128000-9680, 128000-5913, 128000-5912, 128000-5911, 128000-5910, 128000-0772, 128000-0771

Servicing: John Deere  
B+ M10, Total length 402.50, Drive type Steel, Gear type GR, Mount. holes 3 (0), Oil sealed  
Replacing: 37MT.  
A: 88.90 B: 47.60 mm



**111299** Starter 12 V, 1.4 kW

Replacing: 228000-0664, 228000-0663, 228000-0662, 228000-0661, 228000-0660

Servicing: Carrier Transcold  
B+ M8, Total length 187.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
A: 82.40 B: 24.40 mm



**111310** Starter 12 V, 0.8 kW

Replacing: 428000-1570, 228000-7161, 228000-7160, 228000-5481, 228000-5480, 228000-4641, 228000-4640

Servicing: Chevrolet, GEO, Pontiac, Suzuki  
B+ M8, Total length 190.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
A: 75.00 B: 7.80 mm



**111385** Starter 12 V, 0.6 kW

Manufacturer: Lucas  
Replacing: 128000-4032, 128000-4031, 128000-4030, 128000-1541, 128000-1540, 028000-9221, 028000-9220

Servicing: Bedford, Suzuki  
B+ M8, 15a 6.30, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
A: 64.85 B: 27.00 mm



**111387** Starter 12 V, 2.0 kW

Replacing: 228000-0400, 128000-9592, 128000-9591, 128000-9590, 128000-8142, 128000-8141, 128000-8140

Servicing: Toyota, VW  
B+ M8, Total length 232.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (1)  
A: 82.50 B: 15.00 mm



**111442** Starter 12 V, 1.4 kW

Replacing: 128000-7715, 128000-7714, 128000-7713, 128000-7712, 128000-7711, 128000-7710, 128000-5110

Servicing: Acura, Honda, Rover  
B+ M8, Total length 211.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)  
A: 75.00 B: 33.50 mm



**111451** Starter 12 V, 1.4 kW

Replacing: 128000-7201, 128000-7200, 128000-1231, 128000-1230, 028000-9801, 028000-9800, 028000-8571

Servicing: Subaru  
B+ M8, Total length 210.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)  
A: 82.50 B: 33.50 mm



**111455** Starter 12 V, 0.8 kW

Replacing: 228000-2900, 228000-0941, 228000-0940, 128000-6422, 128000-6421, 128000-6420, 128000-5682

Servicing: Toyota  
B+ M8, Total length 201.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)  
A: 74.00 B: 8.50 mm



**111463** Starter 12 V, 1.0 kW

Replacing: 228000-5923, 228000-5922, 228000-5920, 228000-3333, 228000-3332, 228000-3331, 228000-3330

Servicing: Toyota  
B+ M8, Total length 223.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)  
A: 55.00 B: 65.00 mm



**111464** Starter 12 V, 1.0 kW

Replacing: 128000-6780

Servicing: Daihatsu  
B+ M8, Total length 194.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
A: 74.00 B: 3.50 mm


**111492** Starter 12 V, 1.4 kW

Replacing: 228000-0473, 228000-0472, 228000-0471, 228000-0470, 128000-9380, 128000-7141, 128000-7140

Servicing: Chrysler, Dodge, Nissan, Plymouth

B+ M8, Total length 226.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (2)

A: 82.00 B: 8.00 mm


**111525** Starter 12 V, 2.2 kW

Replacing: 128000-5760

Servicing: Daihatsu

B+ M8, Total length 237.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 22.00 mm


**111544** Starter 12 V, 1.4 kW

Replacing: 228000-0530, 128000-9720, 128000-9710, 128000-8400, 128000-7991, 128000-7990, 128000-7390

Servicing: Lexus, Toyota

B+ M8, Total length 236.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 55.00 B: 65.00 mm


**111548** Starter 12 V, 1.0 kW

Replacing: 228000-2221, 228000-2220, 128000-6300, 128000-6240, 128000-6230, 028000-6300

Servicing: Daihatsu

B+ M8, Total length 203.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 3.50 mm


**111550** Starter 12 V, 1.4 kW

Replacing: 228000-7250, 228000-2500, 228000-0833, 228000-0832, 228000-0831, 228000-0830, 228000-0823

Servicing: Toyota

B+ M8, Total length 217.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 55.00 B: 66.00 mm


**111552** Starter 12 V, 1.0 kW

Replacing: 428000-5760, 228000-9270, 228000-7131, 228000-7130, 128000-8313, 128000-8312, 128000-8311

Servicing: Subaru

B+ M8, Total length 204.25, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 65.00 B: 49.00 mm


**111561** Starter 12 V, 0.6 kW

Manufacturer: Lucas

Replacing: 128000-4061, 128000-4060, 128000-1951, 128000-1950, 128000-1930, 028000-9940

Servicing: Suzuki

B+ M8, 15a 4.70, Total length 231.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.40 B: 34.00 mm


**111564** Starter 12 V, 2.2 kW

Replacing: 228000-3000, 228000-0880, 228000-0460, 228000-0200, 128000-5350

Servicing: Toyota

B+ M8, Total length 234.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 74.00 B: 3.50 mm


**111622** Starter 12 V, 1.2 kW

Replacing: 228000-0951, 228000-0950

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, Total length 177.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 66.30 B: 18.00 mm


**111679** Starter 24 V, 4.5 kW

Replacing: 228000-1601, 228000-1600, 128000-8621, 128000-8620

Servicing: Toyota

B+ M10, Total length 292.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 91.00 B: 17.00 mm


**111683** Starter 12 V, 2.0 kW

Replacing: 228000-5382, 228000-4295, 228000-4293, 228000-4292, 228000-4291, 228000-4290, 228000-3852

Servicing: Chevrolet, Clark, GMC, Iseki, Isuzu, Opel, TCM

B+ M8, Total length 232.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 95.00 B: 19.50 mm


**111764** Starter 12 V, 1.4 kW

Replacing: 128000-7811, 128000-7810, 128000-5280, 128000-5270, 128000-4960

Servicing: Dodge

B+ M8, Total length 240.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 71.00 B: 23.50 mm




**111765** Starter 12 V, 0.9 kW

Replacing: 128000-4864, 128000-4863, 128000-4862, 128000-4861, 128000-4860

Servicing: Sea Doo

 B+ M6, Total length 205.00, Drive type Steel, Gear type DD, Mount. holes 2 (0) *High torque.*

A: 61.00 B: 25.00 mm


**111785** Starter 12 V, 1.0 kW

Replacing: 128000-7680

Servicing: Toyota

B+ M8, Total length 200.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 20.00 mm


**111837** Starter 12 V, 1.0 kW

Replacing: 128000-5750

Servicing: Harley Davidson

B+ M8, Total length 188.50, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 54.00 mm


**111839** Starter 12 V, 1.2 kW

Replacing: 228000-2552, 228000-2551, 228000-2550

Servicing: Harley Davidson

 B+ M8, Total length 227.00, Drive type Steel, Gear type GR, Mount. holes 3 (0) *2.0 kw version = HC-CARGO 114688. Small hole output shaft.*

A: 54.00 mm


**111865** Starter 12 V, 1.7 kW

Replacing: 0726801000

Servicing: Lancia, Land Rover

B+ M8, Total length 268.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 73.00 B: 39.00 mm


**111874** Starter 12 V, 2.2 kW

Replacing: 228000-9221, 228000-9220, 228000-3642, 228000-3641, 228000-3640

Servicing: Toyota

B+ M8, Total length 234.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 74.00 B: 3.50 mm


**111911** Starter 12 V, 1.4 kW

Replacing: 428000-0671, 428000-0670

Servicing: Bertolini, BMW, Ford, Porsche, Various Agriculture Vehicles

B+ M8, 30h M5, Total length 231.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (2)

A: 76.00 B: 20.50 mm


**111915** Starter 12 V, 0.6 kW

Replacing: 228000-4550

Servicing: Bombardier, Sea Doo

B+ M6, Total length 205.50, Drive type Steel, Gear type DD, Mount. holes 3 (1)

A: 61.00 B: 21.50 mm


**111918** Starter 12 V, 0.6 kW

Replacing: 228000-4560

Servicing: Challenger, Sea Doo

B+ M6, Total length 205.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 61.00 B: 22.50 mm


**111928** Starter 12 V

Replacing: 128000-4852, 128000-4851, 128000-4850, 128000-1990

Servicing: Yamaha

B+ Plug, Total length 134.50, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 30.00 mm


**111984** Starter 12 V, 1.1 kW

Replacing: 228000-3211, 228000-3210, 228000-2961, 228000-2960, 228000-2940, 228000-0902, 228000-0901

Servicing: Toyota

B+ M8, Total length 211.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 8.00 mm


**112006** Starter 12 V, 2.0 kW

Replacing: 428000-0720

Servicing: Toyota

B+ M8, Total length 250.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 3.50 mm




**112036** Starter 12 V, 2.5 kW

Replacing: 128000-0974, 128000-0973, 128000-0972, 128000-0971, 128000-0970

Servicing: Toyota

B+ M10, Total length 291.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 89.90 B: 16.00 mm


**112089** Starter 12 V

Replacing: 228000-1211, 228000-1210, 128000-1340

Servicing: Case, Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, New Holland, Perkins, Volvo

 B+ 1/2" UNC, B- 1/2" UNC, Total length 496.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0), Insulated return, Oil sealed  
 Replacing: 42MT.

A: 92.00 B: 46.00 mm


**112214** Starter 12 V, 1.6 kW

Replacing: 228000-6680, 128000-7460

Servicing: Honda, Rover

B+ M8, Total length 210.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 40.00 mm


**112246** Starter 12 V, 0.6 kW

Replacing: 128000-5290, 128000-4601, 128000-4600, 128000-2950, 028000-8411, 028000-8410, 028000-6111

Servicing: Honda, John Deere

 B+ M6, Total length 193.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 Solenoid: HC-CARGO 133711.

A: 62.45 B: 10.00 mm


**112276** Starter 12 V, 2.5 kW

Replacing: 228000-8420

Servicing: Ford

B+ M10, Total length 288.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.90 B: 34.00 mm


**112291** Starter 12 V, 0.9 kW

Replacing: 228000-5750

Servicing: Yanmar

B+ M8, Total length 213.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 94.50 B: 20.50 mm


**112336** Starter 12 V, 2.0 kW

Replacing: 228000-9032, 228000-9031, 228000-9030, 228000-8972, 228000-8971, 228000-8970, 228000-8150

Servicing: Toyota

B+ M8, Total length 230.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (1)

A: 82.50 B: 15.50 mm


**112367** Starter 12 V, 1.4 kW

Replacing: 228000-7260, 228000-6283, 228000-6282, 228000-6281, 228000-6280, 228000-6273, 228000-6173

Servicing: Lexus, Toyota

B+ M8, Total length 217.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 55.00 B: 66.20 mm


**112369** Starter 12 V, 0.8 kW

Replacing: 228000-6620

Servicing: Daihatsu

B+ M8, Total length 201.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 74.00 B: 8.00 mm


**112489** Starter 12 V, 2.7 kW

Replacing: 228000-5811, 228000-5810

Servicing: Bobcat, Clark

B+ M10, Total length 294.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed

A: 89.00 B: 48.00 mm


**112544** Starter 24 V, 7.5 kW

Replacing: 428000-3380, 228000-7381, 228000-7380, 228000-5631, 228000-5630, 228000-5612, 228000-5611

Servicing: Cummins

B+ M10, Total length 314.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed

A: 92.00 B: 47.00 mm


**112545** Starter 12 V, 1.4 kW

Replacing: 228000-1881, 228000-1880, 128000-8101

Servicing: Lister

B+ M8, Total length 187.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 89.00 B: 27.00 mm



**112546** Starter 12 V, 0.6 kW  
 Replacing: 228000-2640, 128000-7480  
 Servicing: Cub Cadet, John Deere, Kohler  
 B+ M8, Total length 205.60,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 63.00 B: 16.90 mm



**112547** Starter 12 V, 1.4 kW  
 Replacing: 428000-1161, 428000-1160,  
 228000-6321, 228000-6320  
 Servicing: Kubota  
 B+ M8, Total length 194.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 66.00 B: 17.00 mm



**112822** Starter 24 V, 4.5 kW  
 Replacing: 228000-5641, 228000-5640  
 Servicing: Iveco  
 B+ M10, Total length 293.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0)  
 Alternative no.: 115880   
 A: 89.00 B: 49.00 mm



**112823** Starter 24 V, 5.5 kW  
 Replacing: 228000-7551, 228000-7550  
 Servicing: Iveco, Volvo  
 B+ M10, Total length 315.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0)  
 Alternative no.: 115872   
 A: 92.00 B: 49.00 mm



**113024** Starter 12 V, 1.6 kW  
 Replacing: 128000-7471, 128000-7470  
 Servicing: Honda  
 B+ M8, Total length 211.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 33.00 mm



**113108** Starter 12 V, 1.4 kW  
 Replacing: 228000-3060, 228000-2893,  
 228000-2890  
 Servicing: Toyota, VW  
 B+ M8, Total length 190.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 73.90 B: 21.25 mm



**113109** Starter 12 V, 1.0 kW  
 Replacing: 228000-2310  
 Servicing: Toyota  
 B+ M8, Total length 200.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 73.90 B: 20.00 mm



**113114** Starter 12 V, 2.7 kW  
 Replacing: 228000-2292, 228000-2291,  
 228000-2290  
 Servicing: Cummins, Dodge  
 B+ M10, Total length 301.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**113116** Starter 12 V, 1.4 kW  
 Replacing: 228000-3393, 228000-3392,  
 228000-3391, 228000-3390  
 Servicing: Dodge  
 B+ M8, Total length 220.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 72.40 B: 23.00 mm



**113119** Starter 12 V, 1.4 kW  
 Replacing: 228000-5303, 228000-5301,  
 228000-5300, 228000-3750  
 Servicing: Toyota  
 B+ M8, Total length 188.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (2)  
 A: 54.90 B: 17.00 mm



**113120** Starter 12 V, 1.4 kW  
 Replacing: 228000-7421, 228000-7420  
 Servicing: Dodge  
 B+ M8, Total length 220.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 72.50 B: 23.00 mm



**113130** Starter 24 V, 4.5 kW  
 Replacing: 028000-9760  
 Servicing: Hino  
 B+ M10, Total length 296.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 A: 105.00 B: 32.00 mm





**113132** Starter 12 V, 2.2 kW  
 Replacing: 228000-8041, 228000-8040, 228000-1893, 228000-1892, 228000-1891, 228000-1890, 128000-0833  
 Servicing: Hyster, Isuzu  
 B+ M8, Total length 237.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 10.00 mm



**113169** Starter 12 V, 2.2 kW  
 Replacing: 228000-3263, 228000-3262, 228000-3261, 228000-3260, 228000-1690, 228000-1560  
 Servicing: Lexus, Toyota  
 B+ M8, Total length 218.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)  
 A: 55.00 B: 33.00 mm



**113171** Starter 12 V, 2.0 kW  
 Replacing: 228000-7393, 228000-7392, 228000-7391, 228000-7390, 228000-4304, 228000-4302, 228000-4300  
 Servicing: Jaguar, Lexus  
 B+ M8, Total length 220.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 55.00 B: 33.00 mm



**113172** Starter 12 V, 2.0 kW  
 Replacing: 228000-5862, 228000-5861, 228000-5860, 128000-6871, 128000-6870  
 Servicing: Caterpillar, Hyster, Yale  
 B+ M8, Total length 249.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0), Oil sealed  
 Replacing: 10MT.  
 A: 88.70 B: 46.00 mm



**113203** Starter 24 V, 4.5 kW  
 Replacing: 228000-1431, 228000-1430, 128000-1004, 128000-1003, 128000-1002, 128000-1001, 128000-1000  
 Servicing: Komatsu  
 B+ M10, Total length 298.00, Drive type Steel, Gear type GR, Mount. holes 2 (0), Oil sealed  
 A: 104.90 B: 14.00 mm



**113204** Starter 24 V, 1.4 kW  
 Replacing: 228000-4781, 228000-4780, 128000-5411, 128000-5410  
 Servicing: Kubota  
 B+ M8, Total length 200.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)  
 A: 65.90 B: 18.00 mm



**113205** Starter 12 V, 0.7 kW  
 Replacing: 128000-7111, 128000-7110  
 Servicing: Kubota  
 B+ M8, Total length 205.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)  
 A: 74.90 B: 34.00 mm



**113206** Starter 12 V, 2.5 kW  
 Replacing: 128000-9972, 128000-9971, 128000-9970  
 Servicing: Komatsu  
 B+ M10, Total length 292.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 94.90 B: 21.00 mm



**113207** Starter 12 V, 2.8 kW  
 Replacing: 228000-6291, 228000-6290, 228000-2032, 228000-2031, 228000-2030  
 Servicing: Volvo Penta, Yanmar  
 B+ M10, Total length 295.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 91.00 B: 15.50 mm



**113208** Starter 12 V, 0.8 kW  
 Replacing: 228000-4620  
 Servicing: Various Industrial applications  
 B+ M8, Total length 180.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)  
 A: 73.90 B: 20.00 mm



**113211** Starter 12 V, 1.0 kW  
 Replacing: 228000-7481, 228000-7480, 228000-5911, 228000-5910  
 Servicing: Kubota  
 B+ M8, Total length 213.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 A: 66.00 B: 19.00 mm



**113231** Starter 12 V, 0.5 kW  
 Replacing: 128000-2750  
 Servicing: Honda  
 B+ M6, Total length 204.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 65.00 B: 9.00 mm





**113237** Starter 12 V, 3.0 kW  
 Replacing: 228000-5731, 228000-5730, 128000-5723, 128000-5722, 128000-5721, 128000-5720  
 Servicing: Caterpillar  
 B+ M12, B- M12, Total length 315.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 88.70 B: 47.00 mm



**113238** Starter 12 V, 2.7 kW  
 Replacing: 228000-3711, 228000-3710  
 Servicing: Toyota  
 B+ M10, Total length 293.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 89.90 B: 11.00 mm



**113239** Starter 12 V, 2.5 kW  
 Replacing: 428000-0520, 228000-5992,  
 228000-5990, 228000-1611, 228000-1610,  
 128000-8641, 128000-8640  
 Servicing: Toyota  
 B+ M10, Total length 299.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 91.00 B: 15.50 mm



**113242** Starter 12 V, 1.4 kW  
 Replacing: 228000-6113, 228000-6112,  
 228000-6110  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 237.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 81.60 B: 8.00 mm



**113244#** Starter 12 V, 1.4 kW  
 Replacing: 228000-9600, 228000-6272, 228000-6271, 228000-6270, 228000-5680, 228000-5490  
 Servicing: Lexus, Toyota  
 B+ M8, Total length 217.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 54.90 B: 65.50 mm



**113254** Starter 12 V, 1.4 kW  
 Replacing: 428000-1640  
 Servicing: Citroen, Ds, Fiat, Peugeot, Toyota  
 B+ M8, Total length 206.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 4 (2)  
 A: 62.00 B: 14.00 mm



**113271** Starter 12 V, 1.1 kW  
 Replacing: 228000-7593, 228000-7591,  
 228000-7590  
 Servicing: Toyota  
 B+ M8, Total length 204.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (1)  
 A: 73.90 B: 15.00 mm



**113313** Starter 12 V, 0.7 kW  
 Replacing: 228000-9530, 228000-8350  
 Servicing: Toyota  
 B+ M8, Total length 187.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (1)  
 A: 73.90 B: 11.50 mm



**113314** Starter 12 V, 1.0 kW  
 Replacing: 428000-9370, 228000-8552,  
 228000-8550, 228000-8542, 228000-8541,  
 228000-8540  
 Servicing: Toyota  
 B+ M8, Total length 204.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 13.75 mm



**113361** Starter 12 V, 1.7 kW  
 Replacing: 228000-4968, 228000-4961,  
 228000-4960  
 Servicing: Honda, MG, Rover  
 B+ M8, Total length 210.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 A: 75.00 B: 39.00 mm



**113402** Starter 12 V, 1.4 kW  
 Replacing: 228000-0811, 228000-0810,  
 128000-9702, 128000-9701, 128000-9700  
 Servicing: Honda, Isuzu, Opel  
 B+ M8, Total length 188.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 B: 15.50 mm



**113428** Starter 12 V, 2.5 kW  
 Replacing: 128000-7753, 128000-7752,  
 128000-7751, 128000-7750, 028000-6561,  
 028000-6560, 028000-5490  
 Servicing: Isuzu  
 B+ M10, Total length 297.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 105.00 B: 41.00 mm



**113429** Starter 12 V, 4.2 kW  
 Replacing: 228000-6393, 228000-6392,  
 228000-6391, 228000-6390, 228000-5623,  
 228000-5621, 228000-5620  
 Servicing: Case, Cummins  
 B+ M10, B- M12, Total length 317.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**113459** Starter 12 V, 2.0 kW  
 Replacing: 228000-5791, 228000-5790,  
 128000-8171, 128000-8170  
 Servicing: Lister  
 B+ M8, Total length 220.00, Drive type Steel,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (2)  
 A: 88.80 B: 27.00 mm



**113513** Starter 12 V, 1.1 kW  
 Replacing: 428000-1650  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 199.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 69.80 B: 27.00 mm



**113545** Starter 12 V, 0.4 kW  
 Replacing: 228000-9310, 128000-4994,  
 128000-4993, 128000-4992, 128000-4991,  
 128000-4990, 128000-4242  
 Servicing: Yamaha  
 B+ M6, Total length 156.00, Drive type Steel,  
 Gear type DD, Clutch type Dry,  
 Mount. holes 2 (0), Oil sealed  
 A: 35.75 B: 37.60 mm



**113550** Starter 12 V  
 Replacing: 428000-1221, 428000-1220,  
 428000-1211, 428000-1210  
 Servicing: Mack  
 B+ M12, Total length 402.80,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0), Insulated return  
 Replacing: 39MT.  
 A: 92.00 B: 46.00 mm



**113596** Starter 12 V, 0.6 kW  
 Replacing: 128000-4020  
 Servicing: John Deere, Kawasaki, Kubota  
 B+ M8, Total length 180.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (2)  
 A: 70.00 B: 19.00 mm



**113597** Starter 12 V, 0.6 kW  
 Replacing: 128000-9360  
 Servicing: John Deere, Kawasaki  
 B+ M8, Total length 181.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 65.90 B: 17.00 mm



**113601** Starter 12 V, 1.2 kW  
 Replacing: 228000-6122, 228000-6121,  
 228000-6120  
 Servicing: Land Rover  
 B+ M8, Total length 227.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 74.80 B: 39.00 mm



**113629** Starter 12 V, 1.2 kW  
 Replacing: 228000-6450  
 Servicing: Honda  
 B+ M8, Total length 214.30,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 75.00 B: 39.80 mm



**113630** Starter 12 V, 1.2 kW  
 Replacing: 228000-8330  
 Servicing: Honda  
 B+ M8, Total length 214.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 66.00 B: 37.00 mm



**113635** Starter 12 V, 1.2 kW  
 Manufacturer: Denso  
 Replacing: 128000-8480  
 Servicing: Carrier Transicold, Kubota  
 B+ M8, Total length 176.25,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Wet, Mount. holes 2 (2)  
 A: 75.00 B: 33.00 mm



**113649** Starter 12 V, 1.2 kW  
 Replacing: 228000-6750, 228000-4320  
 Servicing: Toyota  
 B+ M8, Total length 206.30,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (2)  
 A: 74.00 B: 4.50 mm

## STARTERS




**113654** Starter 12 V, 3.0 kW

Replacing: 428000-1380

Servicing: JCB, Perkins

B+ M8, B- M8, Total length 292.00, Drive type Steel,  
Gear type GR, Mount. holes 3 (0)  
HC-CARGO 113654 is a Marelli/Denso version,  
and cannot replace the Iskra version (HC-  
CARGO114387).

A: 89.00 B: 30.50 mm


**113655** Starter 12 V, 3.0 kW

Replacing: 428000-1290

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, Total length 291.00,  
Drive type Steel, Gear type GR,  
Clutch type Dry, Mount. holes 3 (0)  
HC-CARGO 113655 is a Marelli/Denso version,  
and cannot replace the Iskra version (HC-  
CARGO 114388).

A: 89.00 B: 30.50 mm


**113662** Starter 12 V, 2.0 kW

Replacing: 228000-7220

Servicing: Land Rover

B+ M8, Total length 220.00, Drive type Steel,  
Gear type GR, Mount. holes 3 (0)

A: 65.90 B: 21.20 mm


**113663** Starter 12 V, 0.7 kW

Replacing: 228000-2211, 228000-2210

Servicing: John Deere, Kawasaki

B+ M8, Total length 183.00,  
Drive type Steel, Gear type DD,  
Clutch type Wet, Mount. holes 2 (0)

A: 65.80 B: 17.00 mm


**113665** Starter 12 V, 1.2 kW

Replacing: 228000-6730, 228000-4020

Servicing: Toyota

B+ M8, Total length 206.50,  
Drive type Steel, Gear type DD,  
Clutch type Wet, Mount. holes 2 (2)

A: 74.00 B: 4.70 mm


**113681** Starter 12 V, 0.6 kW

Replacing: 128000-1671, 128000-1670

 Servicing: Bombardier, Ski-Doo, Various  
Industrial applications

B+ M6, Total length 205.00, Drive type Steel,  
Gear type DD, Mount. holes 2 (2)

A: 61.90 B: 14.00 mm


**113696** Starter 12 V, 2.0 kW

 Replacing: 428000-0180, 228000-5123, 228000-  
5122, 228000-5121, 228000-5120, 228000-2970

Servicing: Ford, New Holland

B+ M8, Total length 219.00, Drive type Steel,  
Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm


**113702** Starter 12 V, 2.2 kW

 Replacing: 228000-6482, 228000-6481,  
228000-6480, 228000-4831, 228000-4830

Servicing: Ford, Mazda

B+ M8, Total length 234.00,  
Drive type Steel, Gear type GR,  
Clutch type Dry, Mount. holes 3 (3)

A: 81.50 B: 17.50 mm


**113723** Starter 12 V, 0.4 kW

Replacing: 128000-9400

Servicing: Honda

B+ M6, Total length 208.00, Drive type Steel,  
Gear type GR, Mount. holes 2 (2)

A: 46.00 B: 10.00 mm


**113725** Starter 12 V, 2.5 kW

 Replacing: 428000-1860, 428000-1850,  
228000-9100, 228000-6981, 228000-6980,  
228000-4671, 228000-4670

Servicing: Case

B+ M10, Total length 300.00, Drive type Steel,  
Gear type DD, Mount. holes 2 (0)

A: 88.60 B: 49.00 mm


**113732** Starter 12 V, 1.0 kW

Replacing: 228000-7851, 228000-7850

Servicing: Cub Cadet, Honda

B+ M8, Total length 206.00, Gear type DD

A: 54.00 B: 1.50 mm


**113757** Starter 12 V, 2.2 kW

 Replacing: 428000-2311, 428000-0260,  
228000-5025, 228000-5024, 228000-5023,  
228000-5022, 228000-5021

Servicing: Toyota

B+ M8, Total length 195.00,  
Drive type Steel, Gear type GR,  
Clutch type Dry, Mount. holes 2 (1)

A: 82.50 B: 18.50 mm





**113893** Starter 12 V, 1.2 kW  
 Replacing: 34070-16800, 34070-16083, 128000-8462, 128000-8461, 128000-8460  
 Servicing: Kubota  
 B+ M8, Total length 178.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 82.30 B: 24.80 mm



**113926** Starter 12 V, 1.9 kW  
 Replacing: 428000-1620  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 237.00,  
 Gear type GR, Mount. holes 3 (3)  
 B: -5.00 mm



**113928** Starter 12 V, 1.7 kW  
 Replacing: 228000-3981, 228000-3980, 228000-1180  
 Servicing: Honda, Land Rover, Rover  
 B+ M8, Total length 220.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 39.00 mm



**113936** Starter 12 V, 2.7 kW  
 Replacing: 228000-9050, 228000-1661, 228000-1660, 228000-1591, 228000-1590, 228000-0575, 228000-0574  
 Servicing: Toyota  
 B+ M10, Total length 305.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 82.50 B: 15.00 mm



**113938** Starter 12 V, 2.7 kW  
 Replacing: 428000-3110, 428000-0291, 428000-0290, 228000-5342, 228000-5341, 228000-5340  
 Servicing: Toyota  
 B+ M10, Total length 258.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 82.50 B: 18.00 mm



**113965** Starter 12 V, 2.0 kW  
 Replacing: 228000-7801, 228000-7800  
 Servicing: Land Rover, MG, Rover  
 B+ M8, Total length 221.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 Available w/ fixing hole 2(1) and 2(2).  
 A: 75.90 B: 21.20 mm



**113966** Starter 12 V, 1.4 kW  
 Replacing: 228000-1021, 228000-1020  
 Servicing: Kubota  
 B+ M8, Total length 220.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 25.50 mm



**113983** Starter 12 V, 3.0 kW  
 Replacing: 228000-6552, 228000-6551, 228000-6550  
 Servicing: John Deere  
 B+ M12, Total length 315.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 88.80 B: 47.60 mm



**113985** Starter 12 V, 2.7 kW  
 Replacing: 228000-7810  
 Servicing: Hyster, Yale  
 B+ M10, Total length 297.00,  
 Gear type GR, Mount. holes 2 (0),  
 Oil sealed  
 A: 88.80 B: 48.00 mm



**114017** Starter 24 V, 5.5 kW  
 Replacing: 128000-4688, 128000-4687, 128000-4686, 128000-4685, 128000-4684, 128000-4683, 128000-4682  
 Servicing: Hino  
 B+ M10, Total length 326.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 100.00 B: 25.00 mm



**114037** Starter 12 V, 1.6 kW  
 Replacing: 428000-4530, 428000-1841, 428000-1840, 428000-0701, 428000-0700, 228000-9902, 228000-9901  
 Servicing: Lexus, Toyota  
 B+ M8, Total length 215.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 55.00 B: 66.00 mm



**114047** Starter 24 V, 4.0 kW  
 Replacing: 128000-7604, 128000-7603, 128000-7602, 128000-7601, 128000-7600  
 Servicing: Volvo  
 B+ M10, Total length 290.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**114056** Starter 12 V, 1.3 kW  
 Replacing: 428000-7710, 428000-4500, 428000-0680  
 Servicing: Toyota  
 B+ M8, Total length 196.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 15.50 mm



**114060** Starter 12 V, 1.0 kW  
 Replacing: 428000-3600, 228000-8930  
 Servicing: Suzuki  
 B+ M8, Total length 183.00, Gear type DD/GR, Mount. holes 2 (2)  
 A: 70.00 B: 28.00 mm



**114071** Starter 12 V, 2.0 kW  
 Replacing: 428000-5470, 428000-2730, 428000-1280, 428000-0500, 228000-8711  
 Servicing: Mini, Toyota  
 B+ M8, Total length 222.00, Gear type GR, Mount. holes 2 (1)  
 1, 1 kw version = HC-CARGO 114068.  
 A: 74.00 B: 14.00 mm



**114072** Starter 12 V, 2.0 kW  
 Replacing: 428000-0660  
 Servicing: BMW  
 B+ M8, 30h M5, Total length 232.00, Gear type GR, Mount. holes 2 (2)  
 A: 76.00 B: 21.00 mm



**114093** Starter 12 V, 1.7 kW  
 Replacing: 428000-4600  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 237.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 Alternative no.: 115512   
 A: 82.50 B: 26.00 mm



**114103** Starter 12 V  
 Replacing: 028000-8721, 028000-8720  
 Servicing: Suzuki  
 B+ M6, Total length 166.00, Drive type Steel, Mount. holes 2 (0)  
 A: 30.00 B: 39.00 mm



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**114125** Starter 12 V, 1.2 kW  
 Replacing: 228000-9540  
 Servicing: Toyota  
 B+ M8, Total length 216.00, Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 11.50 mm



**114135** Starter 12 V, 1.2 kW  
 Replacing: 228000-9680, 228000-7641, 228000-7640  
 Servicing: Chrysler, Dodge, Plymouth  
 B+ M8, Total length 230.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 81.60 B: 7.50 mm



**114168** Starter 12 V, 1.2 kW  
 Replacing: 228000-7520  
 Servicing: Caterpillar  
 B+ M8, Total length 188.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 Mounting holes are oval.  
 A: 74.00 B: 20.00 mm



**114182** Starter 12 V, 0.7 kW  
 Replacing: 228000-7541, 228000-7540  
 Servicing: Suzuki  
 Total length 173.00, Drive type Steel, Mount. holes 2 (0)  
 A: 30.00 mm



**114194** Starter 12 V, 1.0 kW  
 Replacing: 228000-7091, 228000-7090  
 Servicing: Bobcat  
 B+ M8x1.25, Total length 205.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 66.00 B: 18.00 mm



**114197** Starter 12 V, 1.1 kW  
 Replacing: 228000-7471, 228000-7470  
 Servicing: John Deere  
 B+ M8, Total length 209.00, Gear type GR, Mount. holes 2 (0)  
 A: 89.00 B: 17.00 mm



**114216** Starter 12 V, 2.0 kW  
 Replacing: 428000-4920, 428000-3180  
 Servicing: Lexus, Toyota  
 B+ M8, Total length 232.50,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (1)  
 A: 74.00 B: 24.00 mm



**114226** Starter 12 V, 1.1 kW  
 Replacing: 228000-6460  
 Servicing: Honda  
 B+ M8, Total length 228.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 40.00 mm



**114259** Starter 12 V, 2.5 kW  
 Replacing: 028000-6063, 028000-6062,  
 028000-6061, 028000-6060  
 Servicing: Kubota  
 B+ M10, Total length 296.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 25.00 mm



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**114222** Starter 24 V, 7.5 kW  
 Replacing: 228000-7413, 228000-7412, 228000-  
 7411, 228000-7410, 228000-6561, 228000-6560  
 Servicing: John Deere  
 B+ M12, B- M12, Total length 319.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0), Oil  
 sealed, Waterproof  
 A: 89.00 B: 48.00 mm



**114239** Starter 12 V, 1.6 kW  
 Replacing: 428000-0024, 428000-0023,  
 428000-0022, 428000-0021, 428000-0020  
 Servicing: Scion, Toyota  
 B+ M8, Total length 195.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 15.50 mm



**114260** Starter 12 V, 1.4 kW  
 Replacing: 228000-2003, 228000-2002,  
 228000-2001, 228000-2000, 228000-1984,  
 228000-1983, 228000-1981  
 Servicing: John Deere  
 B+ M8, Total length 189.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 21.00 mm



**114223** Starter 12 V, 1.0 kW  
 Replacing: 228000-5960  
 Servicing: Lexus, Toyota  
 B+ M8, Total length 211.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 74.00 B: 21.00 mm



**114240** Starter 12 V, 1.4 kW  
 Replacing: 228000-3622, 228000-3621,  
 228000-3620  
 Servicing: Toyota  
 B+ M8, Total length 187.50,  
 Gear type GR, Mount. holes 2 (2)  
 A: 74.00 B: 3.00 mm



**114268** Starter 24 V, 4.5 kW  
 Replacing: 228000-1832, 228000-1831,  
 228000-1830  
 Servicing: Caterpillar  
 B+ M10, Total length 290.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 29.00 mm



**114224** Starter 12 V, 2.7 kW  
 Replacing: 428000-1691, 428000-1690  
 Servicing: New Holland  
 B+ M10, Total length 298.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 88.88 B: 27.50 mm



**114255** Starter 12 V, 1.3 kW  
 Replacing: 428000-5880, 428000-3092,  
 428000-3091, 428000-3090, 428000-0153,  
 428000-0152, 428000-0151  
 Servicing: 428000-3090, Toyota  
 B+ M8, Total length 200.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 55.00 B: 66.50 mm



**114277** Starter 24 V, 7.5 kW  
 Replacing: 228000-6572, 228000-6571,  
 228000-6570  
 Servicing: John Deere  
 B+ M10, Total length 317.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 47.50 mm





**114278** Starter 24 V, 4.5 kW  
 Replacing: 428000-1120  
 B+ M10, Total length 297.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.80 B: 29.00 mm



**114282** Starter 24 V, 4.5 kW  
 Replacing: 228000-7902, 228000-7901,  
 228000-7900  
 Servicing: Cummins  
 B+ M10, Total length 298.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 88.70 B: 48.00 mm



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**114286\*** Starter 12 V, 3.0 kW  
 Replacing: 228000-7242, 228000-7241,  
 228000-7240  
 Servicing: Toyota  
 Mount. holes 2 (0)  
 A: 91.00 mm



**114297** Starter 12 V, 1.2 kW  
 Replacing: 428000-1750  
 Servicing: BMW  
 B+ M8, Total length 199.00,  
 Gear type DD/GR, Mount. holes 2 (1)  
 A: 76.00 B: 25.00 mm



**114299** Starter 12 V, 1.7 kW  
 Replacing: 428000-6700  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, 15a Plug, Total length 232.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.20 B: 56.00 mm



**114305** Starter 12 V, 1.7 kW  
 Replacing: DSN967, 428000-5511, 428000-  
 5510  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 204.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 70.00 B: 16.00 mm



**114309** Starter 12 V, 4.0 kW  
 Replacing: 028000-5961, 028000-5960,  
 028000-3650  
 Servicing: Caterpillar  
 B+ 3/8" UNC, Total length 381.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm



**114326** Starter 24 V, 7.5 kW  
 Replacing: 428000-5220  
 Servicing: Cummins  
 B+ M12, B- M12, Total length 405.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 88.80 B: 47.00 mm



**114332** Starter 12 V, 2.2 kW  
 Replacing: 428000-2650  
 Servicing: Cummins  
 B+ M8, Total length 235.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 95.00 B: 19.00 mm



**114333** Starter 12 V, 2.2 kW  
 Replacing: 428000-0931, 428000-0930  
 Servicing: Carrier Transcold  
 B+ M8, 30h Plug, Total length 221.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 25.00 mm



**114336** Starter 24 V, 4.5 kW  
 Replacing: 028000-6463, 028000-6462, 028000-  
 6461, 028000-6460, 028000-5571, 028000-5570  
 Servicing: Toyota  
 Total length 296.00, Drive type Steel,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (2)  
 A: 82.50 B: 29.00 mm



**114337** Starter 24 V, 4.5 kW  
 Replacing: 028000-9142, 028000-9141,  
 028000-9140  
 Servicing: Hino  
 B+ M10, Total length 296.60  
 A: 100.00 B: 64.00 mm


**114340** Starter 24 V, 4.5 kW

Replacing: 428000-1830, 228000-9330, 228000-6671, 228000-6670, 228000-6640, 228000-4992, 228000-4991

Servicing: Komatsu

 B+ M10, Total length 289.20,  
Clutch type Wet, Mount. holes 2 (0),  
Oil sealed

A: 88.50 B: 48.50 mm


**114342** Starter 12 V, 1.2 kW

Replacing: 428000-1081, 428000-1080

Servicing: Lexus, Toyota

B+ M8, Total length 204.40

A: 55.00 B: 67.00 mm


**114346** Starter 24 V, 5.5 kW

Replacing: 128000-4251

Servicing: Isuzu, TCM

 B+ M10, Total length 316.80,  
Drive type Steel, Mount. holes 2 (0)

A: 105.00 B: 57.00 mm


**114375** Starter 12 V, 0.6 kW

Replacing: 228000-9481, 228000-9480

Servicing: Honda, Toro

 B+ M8, Total length 181.50,  
Drive type Steel, Gear type DD,  
Mount. holes 2 (2)

A: 70.00 B: 13.25 mm


**114389** Starter 12 V, 1.1 kW

Replacing: 428000-5280, 428000-5001, 428000-5000, 428000-4541, 428000-4540, 428000-3410

Servicing: Dongfeng Honda, Fiat, Honda

 B+ M8, Total length 222.00,  
Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 33.00 mm


**114399** Starter 12 V, 2.7 kW

Replacing: 428000-3140

Servicing: Case, New Holland

B+ M10, Total length 296.00,

 Drive type Steel, Gear type GR,  
Mount. holes 2 (0)

A: 89.00 B: 26.50 mm


**114400** Starter 12 V, 1.0 kW

Replacing: 228000-8090

Servicing: John Deere

 B+ M8, Total length 190.00,  
Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 20.00 mm


**114417** Starter 12 V, 2.5 kW

Replacing: 228000-5520

Servicing: Toyota

 B+ M10, Total length 297.00,  
Gear type GR, Mount. holes 2 (0)

A: 105.00 B: 14.30 mm


**114419** Starter 12 V, 1.2 kW

Replacing: 428000-0341, 428000-0340

Servicing: Pontiac, Toyota

 B+ M8, Total length 194.00,  
Drive type Steel, Mount. holes 2 (0)

A: 74.00 B: 14.80 mm


**114420** Starter 24 V, 5.5 kW

Replacing: 128000-4250, 128000-2740

Servicing: Isuzu

B+ M10, Total length 320.00,

Drive type Steel, Mount. holes 2 (0)

A: 105.00 B: 56.40 mm


**114429** Starter 12 V, 2.0 kW

Replacing: 228000-8890

Servicing: Isuzu

B+ M8, Total length 218.00,

 Drive type Steel, Gear type GR,  
Mount. holes 2 (0)

A: 95.00 B: 10.00 mm


**114440** Starter 12 V, 1.4 kW

Replacing: 228000-8800

Servicing: Lexus, Toyota

B+ M8, Total length 186.00,

 Drive type Steel, Gear type GR,  
Mount. holes 2 (0)

A: 55.00 B: 32.50 mm



**114449** Starter 12 V, 4.0 kW  
 Replacing: 228000-6872, 228000-6871, 228000-6870  
 Servicing: Case  
 B+ M10, Total length 318.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.50 mm



**114459** Starter 12 V, 4.8 kW  
 Replacing: 228000-8471, 228000-8470  
 Servicing: John Deere  
 B+ M12, Total length 315.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**114485** Starter 12 V, 1.1 kW  
 Replacing: 228000-5401, 228000-5400  
 Servicing: Kubota  
 B+ M8x1.25, Total length 205.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 66.00 B: 18.00 mm



**114486** Starter 12 V  
 Replacing: 128000-2760  
 Servicing: John Deere, Kawasaki  
 B+ M6, Total length 173.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 B: 20.00 mm



**114501** Starter 12 V, 1.0 kW  
 Replacing: 228000-5590  
 Servicing: Kubota  
 B+ M8, 30h Plug, Total length 203.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 77.00 B: 18.00 mm



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**114504\*** Starter 12 V  
 Replacing: 428000-1560



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**114660\*** Starter 12 V, 1.2 kW  
 Replacing: 428000-4550, 428000-3372,  
 428000-3371, 428000-3370  
 Gear type GR, Mount. holes 2 (1)



**114661** Starter 12 V, 1.3 kW  
 Replacing: 428000-4561, 428000-4560,  
 428000-3361  
 Servicing: Toyota  
 B+ M8, Total length 190.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 25.70 mm



**114674** Starter 12 V, 0.6 kW  
 Replacing: 228000-7991, 228000-7990  
 Servicing: Gravely, John Deere, Kubota  
 B+ M8, Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 A: 62.00 B: 17.50 mm



**114678** Starter 12 V  
 Replacing: 428000-6600  
 Servicing: John Deere  
 B+ M8, Total length 206.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 62.00 B: 22.00 mm



**114685** Starter 12 V, 2.0 kW  
 Replacing: 228000-6921, 228000-6920  
 Servicing: Bobcat  
 B+ M8, Total length 221.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 10.00 mm



**114693** Starter 24 V, 5.5 kW  
 Replacing: 228000-5052, 228000-5051,  
 228000-5050  
 Servicing: Komatsu  
 B+ M10, Total length 315.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0), Oil sealed  
 A: 89.00 B: 47.50 mm





**114695** Starter 24 V, 7.5 kW  
 Replacing: 428000-2591, 428000-2590  
 Servicing: Case  
 B+ M12, Total length 317.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.88 B: 28.00 mm



**114711** Starter 12 V, 2.5 kW  
 Replacing: 028000-7803, 028000-7802,  
 028000-7801, 028000-7800  
 Servicing: Kubota  
 B+ M10, Total length 300.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 25.00 mm



**114712** Starter 24 V, 7.5 kW  
 Replacing: 228000-9151, 228000-9150  
 Servicing: John Deere  
 B+ M12, 30h Plug, Total length 316.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.80 B: 47.50 mm



**114716** Starter 12 V  
 Replacing: 428000-0230  
 Servicing: Briggs & Stratton  
 B+ M8, Total length 208.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 70.00 B: 32.50 mm



**114718** Starter 12 V, 1.4 kW  
 Replacing: 428000-3570  
 Servicing: Caterpillar, Perkins  
 B+ M8, Total length 188.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 19.00 mm



**114731** Starter 12 V, 2.2 kW  
 Replacing: 428000-2321  
 Servicing: Toyota  
 B+ M8, Total length 235.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (1)  
 A: 82.50 B: 18.00 mm



**114738** Starter 12 V, 1.4 kW  
 Replacing: 228000-6652, 228000-6651,  
 228000-6650  
 Servicing: Bobcat  
 B+ M8, Total length 218.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 88.80 B: 48.00 mm



**114740** Starter 12 V, 1.2 kW  
 Replacing: 428000-4490, 428000-1760  
 Servicing: BMW  
 B+ M8, Total length 222.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 76.00 B: 25.00 mm



**114748** Starter 12 V, 1.4 kW  
 Replacing: 128000-5590  
 Servicing: Case  
 B+ M8, 15a M4, Total length 189.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 89.00 B: 20.00 mm



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**114773\*** Starter 12 V, 0.8 kW  
 Replacing: 228000-6791  
 Servicing: Suzuki  
 Gear type GR, Mount. holes 2 (0)



**114816** Starter 12 V, 0.8 kW  
 Replacing: 228000-9580  
 Servicing: Honda  
 B+ M8, Total length 205.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 75.00 B: 33.50 mm



**114817** Starter 12 V, 1.3 kW  
 Replacing: 428000-0691, 428000-0690  
 Servicing: Toyota  
 B+ M8, Total length 213.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 54.80 B: 66.00 mm


**114823** Starter 12 V, 0.6 kW

Replacing: 128000-5500

Servicing: Cub Cadet, John Deere

 B+ M8, Total length 182.00,  
 Gear type DD, Mount. holes 2 (0)

A: 66.00 B: 18.00 mm


**114851** Starter 12 V, 0.8 kW

Replacing: 228000-5710

Servicing: Daihatsu, Piaggio

 B+ M8, Total length 202.00,  
 Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 4.00 mm


**114853** Starter 12 V, 2.7 kW

 Replacing: 428000-2633, 428000-2632,  
 428000-2631, 428000-2630

Servicing: Toyota

 B+ M10, Total length 259.00,  
 Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 18.00 mm


**114860** Starter 12 V, 1.1 kW

Replacing: 228000-8161, 228000-8160

Servicing: Iseki, Massey Ferguson

 B+ M8, Total length 214.00,  
 Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 20.50 mm


**114870** Starter 12 V, 2.2 kW

 Replacing: 428000-6171, 428000-6170,  
 228000-8450

Servicing: Caterpillar

 B+ 3/8" UNC, Total length 235.00,  
 Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 19.70 mm


**114886** Starter 12 V, 1.2 kW

Replacing: 428000-5831, 428000-5830

Servicing: Toyota

 B+ M8, Total length 189.00,  
 Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 14.00 mm


**114889** Starter 12 V, 1.0 kW

Replacing: 428000-7840, 228000-8360

Servicing: Toyota

 B+ M8, Total length 211.50,  
 Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 12.00 mm


**114891** Starter 12 V, 1.1 kW

Replacing: 428000-1591, 428000-1590

Servicing: Cub Cadet

 B+ M8, Total length 211.50,  
 Gear type GR, Mount. holes 2 (0)

A: 80.00 B: 21.00 mm


**115314** Starter 12 V, 2.5 kW

 Replacing: 228000-0844, 228000-0842,  
 228000-0841, 228000-0840

Servicing: John Deere

 B+ M10, Total length 294.00,  
 Gear type GR, Mount. holes 2 (0)

A: 89.00 B: 47.50 mm


**115322** Starter 12 V, 1.4 kW

Replacing: 228000-9801, 228000-9800

Servicing: Kubota

 B+ M8, Total length 188.00,  
 Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 24.50 mm


**115323** Starter 12 V, 2.7 kW

Replacing: 228000-7500

Servicing: Caterpillar

 B+ M10, Total length 297.00,  
 Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 29.50 mm


**115326** Starter 12 V, 5.0 kW

Replacing: 428000-3630

Servicing: Claas

 B+ 1/2" UNC, B- 1/2" UNC, Gear type GR,  
 Mount. holes 3 (0), Insulated return

A: 92.00 B: 45.50 mm



**115328** Starter 12 V, 2.2 kW  
 Replacing: 428000-4811, 428000-4810, 428000-1630  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 238.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 7.00 mm



**115352** Starter 12 V, 2.5 kW  
 Replacing: 428000-2911, 428000-2910  
 Servicing: Cummins  
 B+ M10, B- M10, Total length 294.50,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 2 (0)  
 A: 88.70 B: 48.00 mm



**115362** Starter 12 V, 0.7 kW  
 Replacing: 428000-0960, 428000-0950  
 Servicing: Honda  
 B+ M8, Total length 204.00,  
 Gear type DD, Mount. holes 2 (1)  
 A: 70.00 B: 33.00 mm



**115425** Starter 12 V, 1.3 kW  
 Replacing: 228000-5722, 228000-5721  
 Servicing: Cub Cadet  
 B+ M8, Total length 180.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 74.00 B: 20.00 mm



**115465** Starter 12 V, 0.7 kW  
 Replacing: 128000-8090  
 Servicing: Honda  
 B+ M8, Total length 182.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 65.00 B: 18.00 mm



**115468** Starter 12 V, 2.0 kW  
 Replacing: 428000-4841, 428000-4840  
 Servicing: Land Rover  
 B+ M8, Total length 220.00,  
 Gear type GR, Mount. holes 3 (3)  
 B: -5.00 mm



**115524** Starter 12 V, 0.85 kW  
 Replacing: 428000-8630, 428000-3480, 428000-3472, 428000-3471, 428000-3470  
 Servicing: Toyota  
 B+ M8, Mount. holes 2 (1)  
 A: 74.00 B: 25.00 mm



**115552** Starter 12 V, 2.0 kW  
 Replacing: 128000-8551, 128000-8550, 128000-2161, 128000-2160  
 Servicing: Kubota  
 B+ M8, Total length 233.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 25.00 mm



**115560** Starter 12 V, 1.7 kW  
 Replacing: 428000-8853, 428000-8852, 428000-8851, 428000-8850  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 229.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 79.00 B: 62.00 mm



**115564** Starter 12 V, 3.0 kW  
 Replacing: 428000-5120  
 Servicing: Cummins  
 B+ M10, B- M12, Total length 278.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 89.00 B: 47.00 mm



**115565** Starter 12 V, 3.0 kW  
 Replacing: 428000-5230  
 Servicing: Freightliner  
 B+ M10, B- M10, Total length 278.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 89.00 B: 48.00 mm



**115566** Starter 12 V, 3.0 kW  
 Replacing: 428000-6110  
 Servicing: Dodge  
 B+ M10, Total length 278.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.80 B: 47.00 mm





**115595** Starter 12 V, 2.0 kW  
 Replacing: 228000-4741, 228000-4740  
 Servicing: Kubota  
 B+ M8, Total length 223.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 25.00 mm



**115598** Starter 12 V, 0.7 kW  
 Replacing: 428000-4140, 428000-3460  
 Servicing: Honda  
 B+ M8, Total length 213.00,  
 Gear type DD/GR, Mount. holes 2 (1)  
 A: 70.00 B: 33.00 mm



**115607** Starter 12 V, 1.7 kW  
 Replacing: 428000-9140  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 247.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 53.00 mm



**115613** Starter 12 V, 1.0 kW  
 Replacing: 428000-6181, 428000-6180  
 Servicing: Daihatsu, Toyota  
 B+ M8, Total length 188.50,  
 Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 24.00 mm



**115616** Starter 12 V, 1.8 kW  
 Replacing: 228000-9132, 228000-9131,  
 228000-9130  
 Servicing: Land Rover  
 B+ M8, 30h M5, Total length 210.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 76.00 B: 20.00 mm



**115625** Starter 12 V, 2.5 kW  
 Replacing: 128000-8294, 128000-8293,  
 128000-8292, 128000-8291, 128000-8290  
 Servicing: John Deere  
 B+ M10, Total length 298.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 47.50 mm



**115636** Starter 12 V, 1.7 kW  
 Manufacturer: Bosch  
 Replacing: 428000-7881  
 Servicing: Audi  
 B+ M8, Total length 248.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 66.00 B: 23.00 mm



**115637** Starter 12 V, 1.0 kW  
 Replacing: 228000-9872, 228000-9871  
 Servicing: Dongfeng Honda, Honda  
 B+ M8, Total length 229.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 33.00 mm



**115642** Starter 12 V, 2.0 kW  
 Replacing: 428000-4881, 428000-4880,  
 428000-1941, 428000-1940  
 Servicing: Land Rover  
 B+ M8, Total length 242.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 70.00 B: 25.00 mm



**115643** Starter 12 V, 1.4 kW  
 Replacing: 428000-2720, 428000-0570  
 Servicing: Toyota  
 B+ M8, Total length 190.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 14.00 mm



**115644** Starter 12 V, 2.0 kW  
 Replacing: 428000-6200, 428000-6070  
 Servicing: Toyota  
 B+ M8, Total length 229.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 13.00 mm



**115645** Starter 12 V, 2.0 kW  
 Replacing: 428000-7042, 428000-7041,  
 428000-7040  
 Servicing: Audi, Chevrolet, Seat, VW  
 B+ M8, Total length 224.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 56.50 mm



**115687** Starter 12 V, 0.6 kW  
 Replacing: 228000-7860  
 Servicing: Cub Cadet  
 B+ M8, Total length 207.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 54.00 B: 10.00 mm



**115723** Starter 12 V, 1.4 kW  
 Replacing: 428000-6191, 428000-6190  
 Servicing: Toyota  
 B+ M8, Total length 196.50,  
 Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 13.00 mm



**115725** Starter 12 V, 2.0 kW  
 Replacing: 428000-4851, 428000-4850  
 Servicing: Land Rover  
 B+ M8, Total length 220.00,  
 Gear type GR, Mount. holes 3 (3)  
 B: -5.00 mm



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**115729** Starter 12 V, 1.6 kW  
 Replacing: 428000-6760  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 216.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 16.00 mm



**115733** Starter 12 V, 1.7 kW  
 Replacing: 428000-7937, 428000-7936,  
 428000-7935, 428000-7934, 428000-7933,  
 428000-7932, 428000-7931  
 Servicing: Audi  
 B+ M8, Total length 229.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 66.00 B: 23.00 mm



**115755** Starter 12 V, 1.2 kW  
 Replacing: 428000-3170  
 Servicing: Kawasaki  
 B+ M8, Total length 180.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 74.00 B: 20.00 mm

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**115783** Starter 12 V, 1.4 kW  
 Replacing: 428000-2220  
 Servicing: Chrysler, Dodge  
 B+ M8, Total length 226.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 82.00 B: 9.00 mm



**115817** Starter 12 V  
 Replacing: 428000-3130  
 Servicing: John Deere, Kawasaki  
 B+ M8, Total length 205.50,  
 Gear type DD, Mount. holes 2 (0)  
 A: 62.00 B: 18.00 mm

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**115822** Starter 12 V, 1.8 kW  
 Replacing: 428000-1922, 428000-1921,  
 428000-1920  
 Servicing: Land Rover  
 B+ M8, Total length 250.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 62.00 B: 37.00 mm



**115828** Starter 12 V, 1.4 kW  
 Replacing: 428000-7470  
 Servicing: Alfa Romeo  
 B+ M8, Total length 189.50,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.20 B: 20.00 mm



**115872** Starter 24 V, 5.5 kW  
 Manufacturer: Denso  
 Replacing: 228000-7551, 228000-7550  
 Servicing: Iveco, Volvo  
 B+ M10, Total length 317.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 112823  
 A: 92.00 B: 49.00 mm



**115880** Starter 24 V, 4.5 kW  
 Manufacturer: Denso  
 Replacing: 228000-5641, 228000-5640  
 Servicing: Iveco  
 B+ M8, B- M8, Total length 301.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 112822  
 A: 89.00 B: 49.00 mm



**115950** Starter 12 V, 2.0 kW  
 Replacing: 228000-7710  
 Servicing: Land Rover, MG, Rover  
 B+ M8, Total length 239.50,  
 Gear type GR, Mount. holes 3 (0)  
 A: 55.00 B: 66.00 mm



**115964** Starter 12 V, 2.0 kW  
 Replacing: 428000-7032, 428000-7031,  
 428000-7030  
 Servicing: Audi, Seat, VW  
 B+ M8x1.25, Total length 223.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 62.00 mm



**115968** Starter 12 V, 2.0 kW  
 Replacing: 03101-3180  
 Servicing: Cummins, Various Agriculture  
 Vehicles, Vermeer  
 B+ M8, Total length 220.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 26.00 mm



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**116000** Starter 12 V, 2.0 kW  
 Replacing: 428000-7221, 428000-7220  
 Servicing: Audi, VW  
 B+ M8, Total length 247.00,  
 Gear type GR, Mount. holes 3 (1)  
 A: 76.20 B: 26.00 mm



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**116016** Starter 12 V, 1.2 kW  
 Replacing: 428000-0870  
 Servicing: John Deere, Yanmar  
 B+ M8, Total length 183.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 22.00 mm



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**116072\*** Starter 24 V, 5.5 kW  
 Replacing: 128000-2563, 128000-2562,  
 128000-2561, 128000-2560  
 Servicing: Case, Cummins  
 Gear type GR, Mount. holes 3 (0)



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**116076\*** Starter 12 V, 0.7 kW  
 Replacing: 428000-1070  
 Servicing: DUCATI



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**116078\*** Starter 12 V, 1.4 kW  
 Replacing: 428000-3490  
 Servicing: Harley Davidson



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**116091\*** Starter 12 V, 1.9 kW  
 Replacing: 428000-9080  
 Servicing: Toyota  
 Gear type GR, Mount. holes 2 (0)



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**116092\*** Starter 12 V, 1.0 kW  
 Replacing: 428000-8332, 428000-8331  
 Servicing: Citroen, Ds, Peugeot  
 Gear type GR, Mount. holes 3 (1)





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**110144** Starter 12 V, 1.0 kW

Replacing: 581017

Servicing: Nissan, TCM

B+ M8, Total length 194.30, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 82.25 B: 8.00 mm



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**110459** Starter 12 V, 2.8 kW

Replacing: 538504

Servicing: Bedford

B+ M8, Total length 335.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm



9,10


**110585** Starter 12 V, 1.2 kW

Replacing: 534057, 534043, 534042, 534031, 534029, 453052

Servicing: Renault, Volvo

B+ M8, Total length 214.15, Drive type Steel, Gear type DD, Mount. holes 4 (4)

A: 66.00 B: -2.00 mm



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**110365** Starter 12 V, 0.8 kW

Replacing: 532027, 532024

Servicing: Autobianchi, Fiat, Lancia, Seat

B+ M8, Total length 236.50, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 62.00 B: 12.50 mm



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**110462** Starter 12 V, 2.8 kW

Replacing: 538501

Servicing: Buhner, Ford, Matbro, New Holland

B+ M8, Total length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0) 4 KW: HC-CARGO 115391.

A: 92.00 B: 20.00 mm



9


**110587** Starter 12 V, 1.2 kW

Replacing: 8294, 8293, 534039

Servicing: Citroen, Peugeot

B+ M8, Total length 208.20, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (3)

A: 66.00 B: -4.00 mm



9


**110367** Starter 12 V, 1.0 kW

Manufacturer: Lucas

Replacing: 6231D, 6231C, 6231B, 6231A, 6231, 6227, 6203, 6187, 6175, 6172, 6144, 6128, 532017, 532010, 532002

Servicing: Dacia, DAF, Renault, Volvo

B+ M8, Total length 200.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 66.00 B: 10.50 mm



10


**110565** Starter 12 V, 2.8 kW

Replacing: 6233, 538505, 538502

Servicing: Eicher, Massey Ferguson

B+ M8, Total length 313.00, Drive type Steel, Gear type DD, Mount. holes 3 (0) 4 KW: HC-CARGO 115392.

A: 89.00 B: 29.50 mm



9


**110793** Starter 12 V, 0.9 kW

Replacing: 6212, 6190, 6189, 533002, 532005

Servicing: Citroen, Fiat, Peugeot

B+ M8, Total length 221.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 66.00 B: 22.00 mm



10


**110439** Starter 12 V, 2.0 kW

Replacing: 6232, 6127

Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, Total length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 25.00 mm



9


**110584** Starter 12 V, 1.2 kW

Replacing: 534055, 534054C, 534054B, 534054A, 534054

Servicing: Citroen, Fiat, Peugeot

B+ M8, Total length 210.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

B: -6.00 mm



9


**110856** Starter 12 V, 0.6 kW

Replacing: 6219, 6185, 6136, 532023, 532021

Servicing: Renault

B+ M8, Total length 208.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0)

A: 66.00 B: 21.00 mm


**110866** Starter 12 V, 0.9 kW

Replacing: 534047, 534032

Servicing: Renault

 B+ M8, Total length 197.65,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (2)  
 A: 66.00 B: 10.50 mm

**111025** Starter 12 V, 0.8 kW

Replacing: 534053

Servicing: Autobianchi, Fiat, Lancia

 B+ M8, Total length 209.00, Drive type Steel,  
 Gear type DD/GR, Mount. holes 3 (2)  
 A: 64.00 B: 11.00 mm

**111066** Starter 12 V, 1.05 kW

 Replacing: 6242, 6240, 618795, 618565,  
 618078, 618077, 534050, 534046, 453016

Servicing: Citroen, Fiat, Peugeot, Talbot

 B+ M8, Total length 197.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (2)

A: 65.90 B: 21.00 mm


**111068** Starter 12 V, 0.85 kW

Replacing: 534048

Servicing: Citroen, Peugeot, Talbot

 B+ M8, Total length 212.25,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (3)

A: 65.85 B: 15.65 mm


**111100** Starter 12 V, 0.7 kW

 Replacing: 6202F, 6202D, 6202C, 6202B,  
 6202A, 6202

Servicing: Citroen

 B+ M8, Total length 207.75,  
 Drive type Steel, Gear type DD/GR,  
 Mount. holes 2 (0)

A: 65.60 B: 19.80 mm



**110205** Starter 24 V, 6.5 kW  
 Replacing: R22.22, 0220000  
 Servicing: Volvo  
 B+ M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Waterproof  
 A: 89.00 B: 47.50 mm



**110206** Starter 24 V, 5.4 kW  
 Replacing: R23.08, 6080000  
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra  
 B+ M12, B- M10, Total length 390.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**110207** Starter 24 V, 5.4 kW  
 Replacing: R23.10, 6100000  
 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110208** Starter 24 V, 5.4 kW  
 Replacing: R23.11, 6110000  
 Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo  
 B+ M10, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Oil sealed, Waterproof  
 A: 89.00 B: 48.50 mm



**110209** Starter 24 V, 5.4 kW  
 Replacing: R23.23, 6230000  
 Servicing: DAF  
 B+ M12, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110210** Starter 24 V, 6.6 kW  
 Replacing: R23.05, R22.05, R20.42, 6050000,  
 0050000  
 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong  
 B+ M12, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 48.50 mm



**110212** Starter 24 V, 6.6 kW  
 Replacing: R23.26, R22.16, R22.14, 6260000,  
 0160000, 0140000  
 Servicing: Iveco, Scania  
 B+ M10, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.65 mm



**110213** Starter 24 V, 6.6 kW  
 Replacing: R22.07, 0070000  
 Servicing: Fiat, Iveco  
 B+ M12, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 115.00 B: 20.80 mm



**110214** Starter 24 V, 6.6 kW  
 Replacing: R22.13, R20D1, R20.28, 0130000  
 Servicing: Scania  
 B+ M10, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 92.00 B: 37.00 mm



**110338** Starter 12 V, 0.8 kW  
 Replacing: R80Z  
 Servicing: Fiat, Lancia, Zastava  
 B+ M8, Total length 254.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (3)  
 A: 66.90 B: 12.00 mm



**110352** Starter 12 V, 1.3 kW  
 Replacing: R100.3, R100.03, E100L-1.5/12,  
 803000.2  
 Servicing: Fiat, Lada  
 B+ M8, Total length 237.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 3 (3)  
 A: 83.00 B: 22.30 mm



**110365** Starter 12 V, 0.8 kW  
 Replacing: R80.02, E80C, 8100000, 8020020000  
 Servicing: Autobianchi, Fiat, Lancia, Seat  
 B+ M8, Total length 236.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (3)  
 A: 62.00 B: 12.50 mm





**110520** Starter 24 V, 4.0 kW  
 Replacing: R10TA, R10.05  
 Servicing: Cummins, Fiat-Allis  
 B+ M10, Total length 343.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.50 mm



**110522** Starter 12 V, 3.0 kW  
 Replacing: R11C, R11.03  
 Servicing: Fiat, Fiat-Allis, Iveco, New Holland  
 B+ M10, Total length 341.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 110.00 B: 26.50 mm



**110523** Starter 24 V, 4.8 kW  
 Replacing: R10.08, 6090000  
 Servicing: ABG, Ahlmann, Case, Compair,  
 Iveco, KHD, Payloader  
 B+ M10, Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 27.50 mm



**110529** Starter 12 V, 3.0 kW  
 Replacing: R11W, R11.07  
 Servicing: Agrifull, BENFRA, Fiat, Fiat-Allis,  
 Iveco  
 B+ M10, Total length 340.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 110.00 B: 30.00 mm



**110531** Starter 24 V, 6.6 kW  
 Replacing: R22.12, R22.10, 6220000,  
 0120000, 0100000, 0090000  
 Servicing: Fiat-Allis, Gmeinder, KHD,  
 Mercedes-Benz  
 B+ M12, B- M10, Total length 405.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 0 (0)  
 A: 56.00 B: 37.00 mm



**110532** Starter 24 V, 6.6 kW  
 Replacing: R20W, R20.24  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 405.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Waterproof  
 A: 115.00 B: 21.00 mm



**110533** Starter 24 V, 5.4 kW  
 Replacing: R23.09  
 Servicing: Steyr  
 B+ M10, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm



**110534** Starter 24 V, 5.4 kW  
 Replacing: R23.18, 6180000  
 Servicing: Ford, Iveco, Various Agriculture  
 Vehicles  
 B+ M10, Total length 390.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110535** Starter 24 V, 5.4 kW  
 Replacing: R23.21, 6210000  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110536** Starter 12 V, 2.7 kW  
 Replacing: R11K, R11.12  
 Servicing: ABG, Atlas Copco, Bobcat, Bomag,  
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,  
 Iveco, KHD, Kramer, Mercedes-Benz  
 B+ M10, Total length 234.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 116086   
 A: 89.00 B: 28.00 mm



**110545** Starter 12 V, 3.0 kW  
 Replacing: R11N, R11F, R11A, R11.10,  
 R11.06, R11.01  
 Servicing: Balkancar, Chang Feng (Liebao),  
 Dronningborg, Sampo-Rosenlew, Ursus,  
 Valtra, Zetor  
 B+ M10, Total length 335.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110551** Starter 12 V, 3.0 kW  
 Replacing: R11B, R11.02  
 Servicing: Lamborghini, Same, Ursus, Zetor  
 B+ M10, Total length 326.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm


**110582** Starter 24 V, 5.4 kW

Replacing: R23.06, 6060000

Servicing: Iveco

 B+ M10, B- M10, Total length 384.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


**111025** Starter 12 V, 0.8 kW

Replacing: R80K, R80.04

Servicing: Autobianchi, Fiat, Lancia

 B+ M8, Total length 209.00,  
 Drive type Steel, Gear type DD/GR,  
 Mount. holes 3 (2)

A: 64.00 B: 11.00 mm


**111231** Starter 24 V, 6.6 kW

Replacing: R22.38, 0380000

Servicing: Renault V.I.

 B+ M10, B- M10, Total length 405.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return

A: 89.00 B: 40.25 mm


**110601** Starter 24 V, 5.4 kW

Replacing: R23.13, 6130000

Servicing: Mercedes-Benz, Steyr

 B+ M10, Total length 386.25,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)

A: 88.85 B: 47.50 mm


**111046** Starter 24 V, 6.6 kW

Replacing: R22.06, 0060000

Servicing: MAN, Volvo

 B+ M10, Total length 404.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)

A: 88.85 B: 48.00 mm


**111585** Starter 12 V, 0.8 kW

Replacing: R80C1, R80C

Servicing: Fiat

 B+ M8, Total length 206.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (3)

A: 61.90 B: 13.00 mm


**110932** Starter 24 V, 5.4 kW

Replacing: R23.24

Servicing: DAF

 B+ M10, B- M10, Total length 384.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return

A: 88.85 B: 47.00 mm


**111218** Starter 24 V, 5.4 kW

Replacing: R23.33, 6330000

Servicing: Volvo Penta

 B+ M10, B- M10, Total length 388.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return

A: 89.00 B: 48.00 mm


**110980** Starter 24 V, 5.4 kW

Replacing: R23.34, 6340000

Servicing: Volvo

 B+ M10, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


**111219** Starter 24 V, 6.6 kW

Replacing: R23.27, 6270000, 6240000

Servicing: Volvo Penta

 B+ M10, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return

A: 89.00 B: 47.40 mm

## STARTERS



**110338** Starter 12 V, 0.8 kW

Replacing: MTS12P-19, MTS12-22

Servicing: Fiat, Lancia, Zastava

B+ M8, Total length 254.00, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 66.90 B: 12.00 mm



**110352** Starter 12 V, 1.3 kW

Replacing: MTD12-14

Servicing: Fiat, Lada

B+ M8, Total length 237.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (3)

A: 83.00 B: 22.30 mm



**110365** Starter 12 V, 0.8 kW

Replacing: MTS12-48, MTS12-42, MTS12-39, MTS12-29, MTA12-39M, MTA12-39

Servicing: Autobianchi, Fiat, Lancia, Seat

B+ M8, Total length 236.50, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 62.00 B: 12.50 mm



**110367** Starter 12 V, 1.0 kW

Manufacturer: Lucas

Replacing: MTS12-51, MTS12-50, MTS12-37, MTS12-10, MTA12P-15, MTA12-P19, MTA12-43, MTA12-37, MTA12-19M

Servicing: Dacia, DAF, Renault, Volvo

B+ M8, Total length 200.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 66.00 B: 10.50 mm



**110450** Starter 12 V, 3.6 kW

Manufacturer: Prestolite

Replacing: MTC252-7

Servicing: Perkins

B+ M8, B- M8, 15a M4, Total length 370.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return, Oil sealed

A: 88.80 B: 47.50 mm



**110566** Starter 24 V, 5.2 kW

Manufacturer: Prestolite

Replacing: MTC25-27

Servicing: Perkins

B+ M8, Total length 371.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 47.75 mm



**110793** Starter 12 V, 0.9 kW

Replacing: MOC12-2

Servicing: Citroen, Fiat, Peugeot

B+ M8, Total length 221.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 66.00 B: 22.00 mm



**110856** Starter 12 V, 0.6 kW

Replacing: MTA12P-7, MTA12-P30

Servicing: Renault

B+ M8, Total length 208.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0)

A: 66.00 B: 21.00 mm



**111100** Starter 12 V, 0.7 kW

Replacing: MTA12-30

Servicing: Citroen

B+ M8, Total length 207.75, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 65.60 B: 19.80 mm



**115423** Starter 12 V, 3.0 kW

Replacing: MTL12-10

Servicing: BPM, Goldoni, Lombardini, Ruggerini

B+ M10, Total length 330.00, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm




**110224** Starter 12 V, 1.3 kW

Replacing: SA712, SA661A, SA661, E2AF11001DA, D6TZ11002D, D6TF11001DA, D6TF11001A, D5TF11001DA, D5TF11001AA

Servicing: Ford, Mercury

B+ M8, Total length 250.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 105.00 B: 5.00 mm


**110227** Starter 12 V

Replacing: SA709, SA660A, SA660, SA630, SA531, D6OZ11002A, D6OF11001AA, D6OF11002AA, D6OF11002A, D6OF11001AA

Servicing: Ford

B+ M8, Total length 250.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 105.00 B: 15.00 mm


**110230** Starter 12 V

Replacing: D42F11001BA, D42F11001AB, D42F11001AA, D2FF11001AB, D2FF11001AA, D22F11001AB, D22F11001AA

Servicing: Ford, Mercury

B+ M8, Total length 237.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 103.60 B: 15.50 mm


**110225** Starter 12 V

Replacing: SA733, SA709B, SA709A, SA-709B, SA-709A, E2SZ11002A, E2SF11002AA, E2SF11001AA, E1AZ11002B

Servicing: Ford, Lincoln, Mercury

B+ M8, Total length 252.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

Marine type ACR: HC-CARGO 111213.

A: 105.00 B: 16.50 mm


**110228** Starter 12 V

Replacing: D5AZ11002C, D5AF11001EA, D2AF11001JA, D2AF11001AA, D2AF11001A16C, D1AZ11002A, D1AF11001AA

Servicing: Ford, Lincoln, Mercury

B+ M8, Total length 249.00, Drive type Steel, Gear type DD, Mount. holes 2 (1)

A: 103.70 B: 11.50 mm


**110231** Starter 12 V

Replacing: E1FF11001BA, D8FF11001BA, D8FF11001AA, D8FF11001A, D6FF1100BA, D6FF11001BA, D6FF11001AA, 5752791

Servicing: American Motors, Jeep

B+ 1/4" UNC, Total length 265.50, Drive type Steel, Gear type DD, Mount. holes 2 (1)

A: 82.50 B: 16.50 mm


**110226** Starter 12 V

Replacing: D6TZ11002B, D6TZ11002A, D6TF11001EA, D6TF11001BA, D6TF11001AA, D6DZ11002B, D6DF11002B, D6BF11001BA

Servicing: Ford, Lincoln, Mercury

B+ 5/16" UNC, Total length 248.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 103.70 B: 15.50 mm


**110229** Starter 12 V

Replacing: D5TF11001C, D5AF11001AB, D4AZ11002A, D4AF11001AA, D40F11001AA, D3TF11001DA, D30Z11002A, D2VF11001AA

Servicing: Ford, Lincoln, Mercury

B+ M10, 15a M4, Total length 249.50, Drive type Steel, Gear type DD, Mount. holes 2 (1)

A: 105.00 B: 10.50 mm


**110336** Starter 12 V, 0.75 kW

Replacing: 86BB11000EA, 83BB11000FB, 83BB11000FA, 83BB11000AB, 83BB11000AA, 82GB11000CA, 81AB11000BO

Servicing: Ford, Mercury, Triumph

B+ M8, 15a M5, Total length 224.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm



**110461** Starter 12 V, 2.8 kW  
 Replacing: 755F11000AB, 755F11000AA, 715F11000MA, 5003643, 1653210, 1653206  
 Servicing: Ford, Lancer Boss, Various Agriculture Vehicles  
 B+ M8, 30h M5, Total length 272.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**110462** Starter 12 V, 2.8 kW  
 Replacing: D9NN11000AA, D8NN11000CE, D8NN11000CB, D8NN11000CA, D7NN11000B, D4NN11000B, D2NN11000B, D1NN11000A  
 Servicing: Buhner, Ford, Matbro, New Holland  
 B+ M8, Total length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 4 KW: HC-CARGO 115391.  
 A: 92.00 B: 20.00 mm



**110465** Starter 12 V, 2.8 kW  
 Replacing: 1624968, 1526103  
 Servicing: Ford  
 B+ M8, Total length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm



**110509** Starter 12 V, 1.4 kW  
 Replacing: D0FF11001B, C7FF11001B, C6FF11001D, C6FF11001B, C6FF11001, C5FF11001D  
 Servicing: American Motors, Jeep  
 B+ M8, Total length 265.50, Drive type Steel, Gear type DD, Mount. holes 2 (1)  
 A: 82.50 B: 17.00 mm



**110535** Starter 24 V, 5.4 kW  
 Replacing: D6PZ11350C, C9JF11350A  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110584** Starter 12 V, 1.2 kW  
 Replacing: 3960404  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 210.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)  
 B: -6.00 mm



**110810** Starter 12 V, 1.4 kW  
 Replacing: SAE792, SAE781, SAE770, F12Z11002A, F02Z11002B, E92Z11002A  
 Servicing: Ford, Kia, Mazda  
 B+ M8, Total length 208.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)  
 A: 73.50 B: 16.00 mm



**110831** Starter 12 V, 0.8 kW  
 Replacing: 87VB11000AA, 87GX11000AA, 85GB11000FA, 83BB11000EB, 83BB11000EA, 83BB11000DA, 83BB11000BB  
 Servicing: Ford  
 B+ M8, Total length 258.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 31.00 mm



**110842** Starter 12 V, 1.4 kW  
 Replacing: SAE762, E8RY11002A, E7RY11002A, 91GX11000AB, 91GX11000AA, 91GB11000AB, 91GB11000AA, 86GB11000JB  
 Servicing: Ford, Merkur  
 B+ M8, Total length 243.30, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 5.35 mm



**110867** Starter 12 V, 1.7 kW  
 Replacing: 92AX11000HB, 91AB11000PA, 91AB11000GB, 91AB11000GA, 91AB11000EB, 89AB11000AA, 86AB11000AC  
 Servicing: Ford, Mazda  
 B+ M8, Total length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 14.25 mm



**110998** Starter 24 V, 5.2 kW  
 Manufacturer: Prestolite  
 Replacing: 82DB11000FA  
 Servicing: DAF, Ford  
 B+ M8, Total length 166.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**111030** Starter 12 V, 1.4 kW  
 Replacing: R95GX11000EA, 95GX11000EA, 95GB11000FA, 95GB11000EA, 95GB11000CA, 92BB11000AA, 91BX11000FX  
 Servicing: Ford, Volvo  
 B+ M8, Total length 246.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)  
 A: 76.20 B: 14.00 mm



**111102** Starter 12 V, 0.8 kW

Manufacturer: Lucas

Replacing: 71AB11001BA

Servicing: Austin, Lotus, MG, Plymouth, Triumph, Vauxhall

B+ M8, Total length 310.80, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 88.85 B: 41.00 mm



**111131** Starter 12 V, 0.8 kW

Replacing: R92AX11000JB, R92AX11000HB, R92AB11000FB, R91BB11000JA, R91AX11000KB, R91AX11000JB, R91AX11000HB

Servicing: Austin, Ford, Mazda, Rover

B+ M8, Total length 208.75, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 76.15 B: 13.45 mm



**111183** Starter 12 V, 1.4 kW

Replacing: SA841, SA-841, F7SZ11002AA, F7SU11000AB, F7SU11000AA, F7SU11000A2B, F7SU11000A1B, E9SF11000AB

Servicing: Ford, Lincoln, Mercury

B+ M8, Total length 226.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 105.00 B: 15.00 mm



**111224** Starter 12 V, 4.0 kW

Replacing: C3OF11001B

Servicing: John Deere

B+ M10, Total length 402.50, Drive type Steel, Gear type GR, Mount. holes 3 (0), Oil sealed Replacing: 37MT.

A: 88.90 B: 47.60 mm



**111300** Starter 12 V, 1.4 kW

Replacing: SBA185086500, SBA185086410

Servicing: Bobcat, Ford, Volvo Penta

B+ M8, Total length 228.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 21.00 mm



**111311** Starter 12 V, 1.7 kW

Replacing: F32Z11002B

Servicing: Ford, Mazda

B+ M8, Total length 231.55, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 72.00 B: 45.40 mm



**111374** Starter 12 V, 1.5 kW

Replacing: YS8Z11002AA, Y8SZ11002AA, SA898, SA815, SA-815, R93BB11000KD, R93BB11000KC, F3RZ11002C, 98BB11000AA

Servicing: Ford, Jaguar, Mazda, Mercury

B+ M8, Total length 219.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)



**111680** Starter 12 V, 1.1 kW

Replacing: 97KB11000AC, 97KB11000AB, 1030151

Servicing: Ford

B+ M8, Total length 211.75, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (2)

A: 72.00 B: 15.00 mm



**111730** Starter 12 V, 1.0 kW

Replacing: F7RU11000AA

Servicing: Mazda, Peugeot

B+ M8, Total length 208.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

A: 73.90 B: 13.00 mm



**111750** Starter 12 V, 1.4 kW

Replacing: 92AB11000JA, 92AB11000GA, 81BB11000AA, 6816678

Servicing: Ford

B+ M8, 15a M5, Total length 208.50, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 13.50 mm



**111844** Starter 12 V, 1.4 kW

Replacing: SA853, SA776, SA-853, SA-776, F7PZ11002KA, F7PU11000KA, F0TZ11002B, F07U11000BA, 3852582

Servicing: Ford, Mazda

B+ M8, Total length 225.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 104.00 B: 14.00 mm



**111900** Starter 12 V, 1.8 kW

Replacing: 97VW11000AA, 95VW11000GC, 95VW11000GA, 95VW11000CC, 95VW11000CB, 1072559, 1059564, 1029405, 1012395

Servicing: Audi, Ford, Seat, Skoda, VW

B+ M8, Total length 235.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Alternative no.: 115503

A: 76.00 B: 53.00 mm





**111906** Starter 12 V, 1.1 kW  
 Replacing: YS4U11000BB, YS4U11000BA, YS4U11000AD, YS4U11000AB, YS4U11000AA, R96FB11000LD, R96FB11000LC  
 Servicing: Ford, Mazda, Volvo  
 B+ M8, Total length 214.35, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 26.35 mm



**111909** Starter 12 V, 1.1 kW  
 Replacing: 95VW11000BC, 95VW11000BB, 95VW11000BA, 1072156  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 212.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115504   
 A: 76.25 B: 32.00 mm



**112016** Starter 12 V  
 Replacing: SA746, SA-746, E47F10001AA, E3TZ11002E  
 Servicing: Ford  
 B+ M6, Total length 242.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)  
 A: 104.00 B: 15.00 mm



**112030<sup>#</sup>** Starter 12 V, 1.4 kW  
 Replacing: SA775, SA-775, F0TZ11002A, F0TZ-11002-A, F07U11000AA  
 Servicing: Ford, Mazda  
 B+ M8, Total length 225.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 106.00 B: 4.00 mm



**112074** Starter 12 V, 3.1 kW  
 Replacing: F0NN11000CA, F0NN11000BA, 898821291, 89821291, 82013922, 82007917, 82005342, 81866002, 3918688  
 Servicing: Ford, New Holland  
 B+ M8, Total length 329.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**112089** Starter 12 V  
 Replacing: SA768A, E8HZ11002HA, E8HZ11002A, E8HT11001AA, E6HZ11002D, E6HZ11002C, E6HT11001CA, C6TZ11002E  
 Servicing: Case, Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, New Holland, Perkins, Volvo  
 B+ 1/2" UNC, B- 1/2" UNC, Total length 496.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0), Insulated return, Oil sealed  
 Replacing: 42MT.  
 A: 92.00 B: 46.00 mm



**112166** Starter 12 V, 1.7 kW  
 Replacing: 95VW11000DA, 7203211  
 Servicing: Ford, VW  
 B+ M8, Total length 288.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 52.00 mm



**112177** Starter 12 V, 1.7 kW  
 Replacing: SBA185086650, SBA185086551  
 Servicing: Ford, New Holland  
 B+ M8, Total length 213.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 A: 74.00 B: 20.00 mm



**112235** Starter 12 V, 1.4 kW  
 Replacing: YS4U11000DD, YS4U11000DC, YS4U11000DB, YS4U11000DA, XS7U11000CC, XS7U11000CB, XS7U11000C4A1  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 225.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)  
 A: 76.10 B: 13.00 mm



**112251** Starter 12 V, 2.3 kW  
 Replacing: R98VB11000B1A, R835X11000AC, R835F11000BB, R835F11000AC, 98VB11000BC, 98VB11000BBB, 98VB11000BA  
 Servicing: Ford, LDV  
 B+ M8, Total length 258.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 A: 91.90 B: 20.50 mm



**112253** Starter 12 V, 2.5 kW  
 Replacing: F7HT11002FH, F7HT11001FA, F4HT11001BA, F3HZ11002B, F3HZ11001B, F3HT11001DC, F3HT11001DB  
 Servicing: Ford, Ingersoll Rand  
 B+ M10, Total length 342.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 28MT.  
 A: 88.80 B: 45.00 mm


**112267** Starter 12 V, 2.5 kW

Replacing: SA739, SA-739, F3TU11000AA, E8TZ11002A, E8TZ11000AA, E8TF11000AA, E5TZ11002B, E5TF11000AA

Servicing: Bobcat, Cummins, Ford

 B+ M10, Total length 339.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm

**112276** Starter 12 V, 2.5 kW

Replacing: SA817, SA-817, F5TU11002A, F5TU11000AD, F5TU11000AB, F5TU11000AA, F4TZ11002A

Servicing: Ford

 B+ M10, Total length 288.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.90 B: 34.00 mm

**112286** Starter 12 V, 1.7 kW

Replacing: 1032666, 97VW11000BB, 97VW11000BA, 95VW11000EC, 95VW11000EB, 1M2111000AA,

Servicing: Audi, Ford, Mercedes-Benz, Seat, Skoda, VW

 B+ M8, Total length 236.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.10 B: 32.00 mm

**112290** Starter 12 V, 2.2 kW

Replacing: R98AB11000AD, R98AB11000AC, R92AB11000HB, R92AB11000HA, R91AB11000HA, R91AB11000FA, R89AB11000CA

Servicing: Ford, Mazda

 B+ M8, Total length 264.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 76.00 B: 15.00 mm

**112340** Starter 12 V, 1.4 kW

Replacing: SA814, SA-814, R93BB11000JC, R93BB11000JB, F3RZ11002B, 93BB11000JC, 93BB11000JB, 93BB11000JA

Servicing: Ford, Mazda, Mercury

 B+ M8, Total length 226.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 4.00 mm

**112429** Starter 12 V, 2.0 kW

Replacing: YM2111000BB, YM2111000BA, 1147432, 1111210

Servicing: Audi, Ford, Seat, Skoda, VW

 B+ M8, Total length 259.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 62.00 mm

**112584** Starter 12 V, 1.4 kW

Replacing: SA807, SA799, SA790, SA787, SA771A, SA771, SA-807, SA-799, SA-790, SA-787, SA-771A, SA-771

Servicing: Ford, Lincoln, Mercury

 B+ M8, Total length 226.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (2)  
 A: 76.00 B: 15.00 mm

**112586** Starter 12 V, 1.4 kW

Replacing: SA871, SA833, SA832, SA-871, SA-833, SA-832, F8DZ11002AA, F8DU11000AA, F68Z11002BA, F68Z11002AB

Servicing: Ford, Lincoln, Mercury

 B+ M8, Total length 225.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (2)  
 A: 76.00 B: 15.00 mm

**112588#** Starter 12 V, 1.4 kW

Replacing: SA859, SA-859, F89Z11002AA, F89U11000AA

Servicing: Ford, Mazda, Mercury

 B+ M8, Total length 225.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 15.00 mm

**112592** Starter 12 V, 1.4 kW

Replacing: SA808, SA789, SA-808, SA-789, F4LU11000AA, F3LU11000AA, F2VY11002A, F2VU11000AD, F2VU11000AC

Servicing: Ford, Lincoln, Mercury

 B+ M8, Total length 225.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.05 B: 15.00 mm

**112600** Starter 12 V, 1.4 kW

Replacing: SA857, SA-857, F87Z11002AA, F87U11000AA, F87U11000A1B, F87U11000A1A

Servicing: Ford, Mazda

 B+ M8, Total length 225.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 105.00 B: 15.00 mm

**112603** Starter 12 V, 1.5 kW

Replacing: SA885, SA855, SA-885, SA-855, F7PZ11002EA, F7PZ-11002-EA, F7PU11000EA, F7PU-11000-EA

Servicing: Ford

 B+ M8, Total length 225.50, Drive type Steel,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0)  
 A: 105.00 B: 12.00 mm





**112608** Starter 12 V, 1.4 kW  
 Replacing: YC3U11000AA, SA873, SA-873, F81Z11002AA, F81Z11002A, F81U11000AE, F81U11000AD, F81U11000AC  
 Servicing: Ford, Lincoln  
 B+ M8, Total length 220.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)  
 A: 76.00 B: 14.00 mm



**112646** Starter 12 V, 1.4 kW  
 Replacing: SA849, SA842, SA838, SA-849, SA-842, SA-838, F7LZ11002BA, F7LZ11002B, F7LU11000BA, F7LU11000AA  
 Servicing: Ford, Lincoln, Mercury  
 B+ M8, Total length 225.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 A: 76.00 B: 15.00 mm



**112821** Starter 12 V, 2.2 kW  
 Replacing: YC1U11000AG, YC1U11000AF, YC1U11000AE, YC1U11000AD, YC1U11000AC, YC1U11000AB, YC1U11000AA  
 Servicing: Ford, Jaguar  
 B+ M8, Total length 250.80, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)  
 Alternative no.: 115870   
 B: 36.00 mm



**112963** Starter 12 V, 1.4 kW  
 Replacing: SA732, SA-732, E4DF11001AA, E4DF-11001-AA, E3TZ11002D, E3TZ-11002-D, E37F11001AA, E37F11001A  
 Servicing: Ford, Mercury, Merkur  
 B+ M6, Total length 243.25, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0)  
 A: 105.00 B: 14.00 mm



**112965** Starter 12 V  
 Replacing: SA738, SA-738, E4TZ11002A, E4TF11001AA, E4TF11001A, E4TF11000AA, E3TZ11002A, E3TG11001AA  
 Servicing: Ford  
 B+ M6, Total length 241.70, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)  
 A: 105.00 B: 6.00 mm



**113125** Starter 12 V  
 Replacing: SA764A, SA-764A, E9HZ11002A, E9HT11001BA  
 Servicing: Ford, New Holland  
 B+ 1/2" UNC, Total length 401.50, Gear type DD, Drive type Steel, Clutch type Wet, Mount. holes 3 (0), Oil sealed  
 Replacing: 37MT, 41MT.  
 A: 92.00 B: 48.25 mm



**113222** Starter 12 V, 1.4 kW  
 Replacing: SA785, SA-785, F1TZ11002A, F17U11000AB, F17U-11000-AB  
 Servicing: Ford, Ford USA, Mazda  
 B+ M8, Total length 225.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 A: 103.50 B: 14.50 mm



**113303** Starter 12 V, 2.2 kW  
 Replacing: 6G9N11000KB  
 Servicing: Volvo  
 B+ M8, Total length 240.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)  
 A: 76.00 B: 0.00 mm



**113696** Starter 12 V, 2.0 kW  
 Replacing: SBA185086530  
 Servicing: Ford, New Holland  
 B+ M8, Total length 219.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 20.00 mm



**113701** Starter 12 V, 1.1 kW  
 Manufacturer: Visteon  
 Replacing: R97KB11000AC1, R97KB11000AC, R97KB11000AB, 97KB11000AA, 96FB11000ME, 96FB11000MD, 96FB11000MC  
 Servicing: Ford, Mazda  
 B+ M8, Total length 218.50, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (2)  
 Comstar supply 23 tooth. Real supply 21 tooth.  
 A: 71.00 B: 14.00 mm



**113702** Starter 12 V, 2.2 kW  
 Replacing: XM3411002CA, F8RU11000AA, 4348654, 3601369  
 Servicing: Ford, Mazda  
 B+ M8, Total length 234.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)  
 A: 81.50 B: 17.50 mm




**113703** Starter 12 V, 3.6 kW

Replacing: 6C2Z11002A, 6C2T11000AA, 6C2T11000A, 3C3Z11002AA, 3C3Z11002A, 3C3U11000AC, 3C3U11000AB

Servicing: Ford

B+ M10, Total length 248.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 76.00 B: 47.00 mm


**113794** Starter 12 V, 1.4 kW

Replacing: 1S7U11000AG, 1S7U11000AF, 1S7U11000AE, 1S7U11000AD, 1S7U11000AC, 1S7U11000AB, 1S7U11000AA, 1465010

Servicing: Ford

B+ M8, Total length 251.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

B: 29.00 mm


**113905** Starter 12 V, 1.4 kW

Manufacturer: Visteon

Replacing: 8V2111000AE, 8V2111000AD, 8V2111000AC, 8V2111000AB, 2S6U11000EE, 2S6U11000ED, 2S6U11000EC

Servicing: Ford, Mazda

B+ M8, Total length 208.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

B: 13.00 mm


**113906** Starter 12 V, 1.2 kW

Replacing: 8S4T11000AA, 6S4T11000AA, 6G9N11000AB, 6G9N11000AA, 5S4T11000AA, 4S4T11000AA, 4918434, 4727857

Servicing: Ford, Volvo

B+ M8, Total length 214.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

B: 29.00 mm


**113907** Starter 12 V, 1.2 kW

Manufacturer: Visteon

Replacing: 4M5T11000AC, 4M5T11000AB, 4M5T11000AA, 1478129, 1366473, 1325943

Servicing: Ford

B+ M8, Total length 169.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

B: 29.00 mm


**113908** Starter 12 V, 1.2 kW

Manufacturer: Visteon

Replacing: BG9T11000AA, 3M5T11000CF, 3M5T11000CE, 3M5T11000CD, 3M5T11000CC, 3M5T11000CB, 1707507, 1469712

Servicing: Ford, Mazda, Volvo

B+ M8, Total length 200.30, Drive type Steel, Gear type GR, Mount. holes 3 (2)

Alternative no.: 116062

B: 14.00 mm


**113909** Starter 12 V, 2.2 kW

Manufacturer: Visteon

Replacing: 3S7T11000AE, 3S7T11000AD, 3S7T11000AC, 3S7T11000AB, 3S7T11000AA, 1386127, 1233277, 1209193, 1197912

Servicing: Ford

B+ M8, Total length 218.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

B: 15.50 mm


**113910** Starter 12 V, 1.4 kW

Replacing: 4443760, 4424968, 4033064, 2T1411000CC, 2T1411000CB, 2T1411000CA, 2T1411000BC, 2T1411000BB

Servicing: Ford

B+ M8, Total length 209.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 15.00 mm


**113911** Starter 12 V, 2.2 kW

Manufacturer: Visteon

Replacing: 6G9N11000FA, 4M5T11000FD, 4M5T11000FC, 4M5T11000FB, 4M5T11000FA, 3M5T11000DC, 3M5T11000DB

Servicing: 4m5t11000fa, Ford, Volvo

B+ M8, Total length 243.50, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 62.50 B: -5.95 mm


**113959** Starter 12 V, 2.0 kW

Replacing: CC1T11000AB, 7H1211002AC, 7H1211002AB, 7C1911000AB, 6C1T11000AF, 6C1T11000AE, 6C1T11000AD

Servicing: Citroen, Fiat, Ford, Land Rover, Peugeot

B+ M8, Total length 261.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Alternative no.: 115510

A: 89.00 B: 36.00 mm



**113962** Starter 12 V, 0.9 kW  
 Replacing: BS5111000CA, 9S5111000AB, 9S5111000AA, 1726802, 1567033, 1542468  
 Servicing: Abarth, Alfa Romeo, Fiat, Ford, Lancia  
 B+ M8, Total length 169.60,  
 Gear type DD/GR, Mount. holes 2 (1)  
 A: 64.10 B: 10.00 mm



**113968** Starter 12 V, 3.6 kW  
 Replacing: F1NN11000AA, F0NN7H022BA, 82013923, 82005343  
 Servicing: New Holland  
 B+ M8, Total length 330.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm



**114092** Starter 12 V, 2.0 kW  
 Replacing: 6G9N11000EC, 6G9N11000EB, 6G9N11000EA, 4M5T11000KE, 4M5T11000KD, 4M5T11000KC, 4M5T11000KB, 1728770  
 Servicing: Ford  
 B+ M8, Total length 239.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 6.00 mm



**114119** Starter 12 V, 2.2 kW  
 Replacing: 98AB11000AD, 97BB11000B3D, 1S4U11000AB, 1S4U11000AA, 1133994  
 Servicing: Ford  
 B+ M8, Total length 256.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 14.50 mm



**114162** Starter 12 V, 1.1 kW  
 Replacing: 4S6911000AA, 2S6U11000DC, 2S6U11000DB, 2S6U11000DA, 1564732, 1309581, 1149703  
 Servicing: Ford  
 B+ M8, Total length 201.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (3)  
 A: 76.00 B: 15.00 mm



**114315** Starter 12 V, 1.4 kW  
 Replacing: 3M5T11000EA, 1374049  
 Servicing: Changan Ford Mazda, Ford, Volvo  
 B+ M8, Total length 213.50,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (2)  
 A: 76.00 B: 0.00 mm



**114746** Starter 12 V, 1.4 kW  
 Replacing: 6G9N11000CD, 6G9N11000CC  
 Servicing: Volvo  
 B+ M8, Total length 224.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 56.00 B: -7.00 mm



**115312** Starter 12 V, 1.1 kW  
 Replacing: FS5111000AA, 1881471, 1715776  
 Servicing: Alfa Romeo, Fiat, Ford, Lancia  
 B+ M8, Total length 218.00,  
 Gear type GR, Mount. holes 3 (1)  
 A: 64.00 B: 10.50 mm



**115400** Starter 12 V, 1.4 kW  
 Replacing: BS5111000BA, 1726350  
 Servicing: Alfa Romeo, Citroen, Fiat, Ford, Lancia, Peugeot  
 B+ M8, Total length 230.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 64.00 B: 24.00 mm



**115405** Starter 12 V, 2.2 kW  
 Replacing: 6G9N11000GC, 6G9N11000GB, 6G9N11000GA, 1529431, 1476606, 1427763  
 Servicing: Ford  
 B+ M8, Total length 244.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 63.00 B: -5.50 mm



**115468** Starter 12 V, 2.0 kW  
 Replacing: 6G9N11000NB, 6G9N11000NA  
 Servicing: Land Rover  
 B+ M8, Total length 220.00,  
 Gear type GR, Mount. holes 3 (3)  
 B: -5.00 mm



**115555** Starter 12 V, 1.0 kW  
 Manufacturer: Valeo  
 Replacing: CV6T11000GE, CV6T11000GD, CV6T11000GC, CV6T11000GB, CV6T11000GA, 1911580, 1846286, 1805306, 1762340  
 Servicing: Ford  
 B+ M8, Total length 178.00,  
 Gear type DD, Mount. holes 2 (1)  
 A: 86.00 B: 20.00 mm



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**115641** Starter 12 V, 1.4 kW

Replacing: 6G9N11000JB, 6G9N11000JA, 1525795, 1379703

Servicing: Ford, Volvo

 B+ M8, Total length 203.50,  
Gear type GR, Mount. holes 2 (2)

B: 0.00 mm



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**115684** Starter 12 V, 2.0 kW

Manufacturer: Valeo

Replacing: AV6N11000GE, AV6N11000GD, AV6N11000GC, AV6N11000GB, 2033247, 1898356, 1778016, 1715211

Servicing: Ford

 B+ M8, Total length 235.00,  
Gear type GR, Mount. holes 3 (0)

B: 14.00 mm



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**115725** Starter 12 V, 2.0 kW

Replacing: 6G9N11000MB, 6G9N11000MA

Servicing: Land Rover

 B+ M8, Total length 220.00,  
Gear type GR, Mount. holes 3 (3)

B: -5.00 mm



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**115870** Starter 12 V, 2.1 kW

Manufacturer: VISTEON

Replacing: YC1U11000AG, YC1U11000AF, YC1U11000AE, YC1U11000AB, YC1U11000AA, XS7U11000AE, XS7U11000AB

Servicing: Ford, Jaguar

 B+ M8, Total length 256.00, Gear type GR,  
Mount. holes 2 (0)

Alternative no.: 112821

B: 36.00 mm



10


**115943** Starter 12 V, 1.1 kW

Replacing: 6G9N11000LC, 6G9N11000LB, 6G9N11000LA

Servicing: Land Rover

 B+ M8, Total length 202.00,  
Gear type GR, Mount. holes 2 (0)

A: 56.00 B: -7.00 mm



12


**115986** Starter 12 V, 2.5 kW

Replacing: CC1T11000DC, CC1T11000DB, CC1T11000DA, 1745176, 1740948

Servicing: Citroen, Ford, Peugeot

 B+ M8, Total length 255.00,  
Gear type GR, Mount. holes 2 (0)

A: 89.00 B: 35.00 mm



10


**116049** Starter 12 V, 1.2 kW

Manufacturer: Visteon

Replacing: AV6N11000DA, AV6N11000CA, 1685834, 1685833

Servicing: Ford, Volvo



11


**116050** Starter 12 V, 1.4 kW

Manufacturer: Visteon

Replacing: CV6T11000DB, 1787954

Servicing: Ford



9


**116052** Starter 12 V, 1.4 kW

Manufacturer: Visteon

Replacing: AMEV3C11000AA

Servicing: Volvo

 B+ M8, Total length 204.50,  
Gear type GR, Mount. holes 2 (2)

B: 0.00 mm



11

  
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**116062** Starter 12 V, 1.2 kW

Replacing: BG9T11000AA, 3M5T11000CF, 3M5T11000CE, 3M5T11000CD, 3M5T11000CC, 3M5T11000CB, 1707507, 1469712

Servicing: Ford, Mazda, Volvo

 B+ M8, Total length 216.00,  
Drive type Steel, Gear type GR,  
Mount. holes 3 (2)

Alternative no.: 113908

B: 14.00 mm



12

  
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**116065\*** Starter 12 V, 2.5 kW

Replacing: CC1T11000EC, CC1T11000EB, CC1T11000EA, 1745178, 1741089

Servicing: Ford

Gear type GR, Mount. holes 2 (0)





**110158** Starter 12 V, 1.2 kW  
 Replacing: HSC107100  
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth, Proton  
 B+ M8, Total length 233.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)  
 A: 77.00 B: 18.00 mm



**110809** Starter 12 V, 2.0 kW  
 Replacing: HSG120500  
 Servicing: Dodge, Hyundai, Mitsubishi, Proton  
 B+ M8, Total length 241.45, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 76.90 B: 0.00 mm



**111307** Starter 12 V, 1.2 kW  
 Replacing: HSP112160  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 207.15, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 16.65 mm



**110576** Starter 24 V, 3.2 kW  
 Replacing: HSG232500  
 Servicing: Mitsubishi  
 B+ M8, Total length 243.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)  
 A: 60.00 B: 18.00 mm



**110811** Starter 12 V, 1.2 kW  
 Replacing: HSP112110  
 Servicing: Dodge, Eagle, Great Wall, Hyundai, Kia, Mazda, Mitsubishi, Plymouth  
 B+ M8, Total length 206.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 17.25 mm



**110578#** Starter 12 V, 2.0 kW  
 Replacing: HSG120510  
 Servicing: Ford, Mazda  
 B+ M8, Total length 241.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)  
 A: 89.95 B: 41.00 mm



**110958** Starter 12 V, 0.9 kW  
 Replacing: HSC109120  
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth  
 B+ M8, Total length 191.50, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)  
 A: 77.00 B: 10.80 mm



**110807** Starter 12 V, 0.85 kW  
 Replacing: HSC108100  
 Servicing: Ford, Kia, Mazda, Opel  
 B+ M8, Total length 197.25, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 70.00 B: 20.50 mm



**111305** Starter 12 V, 1.2 kW  
 Replacing: HSP112130  
 Servicing: Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 207.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 10.20 mm



**114388** Starter 12 V, 3.2 kW

Manufacturer: Mahle Letrika

Replacing: 9HT12010A6A

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, B- M8, 30h M10,

Total length 296.50, Gear type GR,

Mount. holes 3 (0)

*Iskra version.*

A: 89.00 B: 29.50 mm


**110142** Starter 12 V, 1.0 kW

Replacing: S114-97, S114-87M, S114-87K, S114-87, S114-55, S114-208, S114-163F, S114-163E, S114-163B, S114-163

Servicing: Nissan

B+ M8, Total length 216.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 11.40 mm


**110144** Starter 12 V, 1.0 kW

Replacing: S114-174, S114-170E, S114-170B, S114-170, S114-108M, S114-108L, S114-108, S114-103P, S114-103N

Servicing: Nissan, TCM

B+ M8, Total length 194.30, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 82.25 B: 8.00 mm


**110155** Starter 12 V, 1.0 kW

Replacing: S114-91K, S114-91

Servicing: Komatsu, Nissan, TCM

B+ M8, Total length 191.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 83.00 B: 7.50 mm


**110156** Starter 12 V, 0.8 kW

Replacing: S114-164A, S114-164, S114-151L, S114-151, S114-150L, S114-150

Servicing: Komatsu

B+ M8, Total length 218.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 21.00 mm


**110160** Starter 12 V, 1.2 kW

Replacing: S114-237, S114-232A, S114-232

Servicing: Volvo

B+ M8, 15a 6.30, Total length 240.50, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)

A: 82.45 B: 35.00 mm


**110249** Starter 12 V, 0.8 kW

Replacing: S114-614, S114-606C, S114-606A, S114-606, S114-566, S114-396D, S114-396

Servicing: Honda, Nissan, Rover

B+ M8, Total length 209.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 75.00 B: 34.75 mm


**110260** Starter 12 V, 1.0 kW

Replacing: LR160-12B

Servicing: Toyota, VW

B+ M8, Total length 197.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 73.80 B: 20.00 mm


**110277** Starter 12 V, 0.8 kW

Replacing: S114-426, S114-348A, S114-348, S114-229F, S114-229E, S114-229, S114-173F, S114-173E, S114-173B

Servicing: Nissan

B+ M8, Total length 190.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.35 B: 6.80 mm


**110278** Starter 12 V, 0.8 kW

Replacing: S114-320A, S114-320, S114-319

Servicing: Nissan

B+ M8, Total length 192.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 82.00 B: 3.00 mm


**110279** Starter 12 V, 0.8 kW

Replacing: S114-568A, S114-568, S114-402A, S114-402, S114-364, S114-316, S114-315

Servicing: Nissan

B+ M8, Total length 227.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 42.00 mm


**110280** Starter 12 V, 1.2 kW

Replacing: S114-344, S114-268A, S114-268, S114-258C, S114-258A, S114-258, S114-254F, S114-254D, S114-254C

Servicing: Nissan

B+ M8, Total length 214.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 7.20 mm


**110332** Starter 12 V, 1.0 kW

Replacing: S114-92, S114-72, S114-70, S114-162D, S114-162B, S114-162A, S114-162

Servicing: Mercury, Nissan

B+ M8, Total length 228.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 21.45 mm





**110386** Starter 12 V, 1.9 kW  
 Replacing: S13-38B, S13-38A, S13-36, S12-68D, S12-68C, S12-68B, S12-68A, S12-68, S12-63C, S12-63B, S12-63A  
 Servicing: Nissan  
 B+ M8, Total length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 10.50 mm



**110443** Starter 12 V, 2.1 kW  
 Replacing: S12-84  
 Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover  
 B+ M8, Total length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110565** Starter 12 V, 2.8 kW  
 Replacing: S13-74, S13-73B, S13-73, S12-73  
 Servicing: Eicher, Massey Ferguson  
 B+ M8, Total length 313.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 4 KW: HC-CARGO 115392.  
 A: 89.00 B: 29.50 mm



**110412** Starter 12 V, 2.2 kW  
 Replacing: S13-33B, S13-33A, S13-33, S13-28, S13-27A, S13-27, S13-25, S13-123, S13-111, S13-06A, S13-06  
 Servicing: Isuzu, John Deere, TCM  
 B+ M8, Total length 233.80, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)  
 A: 95.00 B: 20.30 mm



**110462** Starter 12 V, 2.8 kW  
 Replacing: S13-61A, S13-61  
 Servicing: Buhner, Ford, Matbro, New Holland  
 B+ M8, Total length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 4 KW: HC-CARGO 115391.  
 A: 92.00 B: 20.00 mm



**110573** Starter 12 V, 2.0 kW  
 Replacing: S13-82B, S13-82A, S13-82, S13-75, S13-120B, S13-120A, S12-58, S12-48  
 Servicing: Daewoo, Hyster, Isuzu  
 B+ M8, Total length 234.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 21.80 mm



**110417** Starter 12 V, 1.3 kW  
 Replacing: S114-625, S114-235B, S114-235A, S114-235, S114-231B  
 Servicing: Yanmar  
 B+ M8, Total length 194.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 89.00 B: 17.50 mm



**110485** Starter 12 V, 1.4 kW  
 Replacing: S114-450, S114-244, S114-116  
 Servicing: Thermo King, Yanmar  
 B+ M8, Total length 191.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 21.00 mm



**110574** Starter 12 V, 2.0 kW  
 Replacing: S14-205A, S14-205, S13-327A, S13-327, S13-307A, S13-213, S13-212, S13-106E, S13-106C, S13-106B  
 Servicing: Nissan  
 B+ M8, Total length 224.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 94.90 B: 11.00 mm



**110439** Starter 12 V, 2.0 kW  
 Replacing: S12-87, S12-85  
 Servicing: Buhner, Compair, Eicher, Massey Ferguson  
 B+ M8, Total length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 25.00 mm



**110552** Starter 12 V, 1.2 kW  
 Replacing: S114-381  
 Servicing: Ford, JCB, John Deere, Volvo Penta  
 B+ M8, Total length 211.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 20.00 mm



**110575** Starter 12 V, 2.0 kW  
 Replacing: S13-305A, S13-305, S13-105A, S13-105, S114-105  
 Servicing: Nissan  
 B+ M8, Total length 218.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 82.00 B: 3.50 mm

## STARTERS



11


**110580** Starter 24 V, 4.5 kW

Replacing: S25-135A, S25-135, S25-103, S25-100A, S25-100

Servicing: Isuzu

 B+ M10, Total length 297.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)

A: 105.00 B: 41.00 mm



11


**110616** Starter 24 V, 4.5 kW

Replacing: S25-75A, S25-75, S25-64F, S25-64E, S25-64B, S25-64, S25-164A, S25-164, S25-162, S25-110M, S25-110L

Servicing: Nissan

 B+ M8, Total length 292.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 33.80 mm



9


**110617** Starter 12 V, 1.2 kW

Replacing: S114-23K, S114-184

Servicing: Nissan

 B+ M8, Total length 269.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 30.00 mm



9


**110719** Starter 12 V, 2.0 kW

Replacing: S13-92A, S13-92, S13-63, S13-46A, S13-45B, S13-45A, S13-45, S13-40B, S13-40A, S13-40, S13-34A

Servicing: Nissan

 B+ M8, Total length 227.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 11.50 mm



9


**110723** Starter 24 V, 3.5 kW

Replacing: S25-212, S25-120A, S25-120, S24-13, S24-03C, S24-03B, S24-03A

Servicing: Isuzu

 B+ M8, Total length 240.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)

A: 94.90 B: 21.00 mm



8


**110807** Starter 12 V, 0.85 kW

Replacing: S114-550A, S114-550

Servicing: Ford, Kia, Mazda, Opel

 B+ M8, Total length 197.25,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)

A: 70.00 B: 20.50 mm



9


**110820** Starter 12 V, 2.0 kW

Replacing: S13-89D, S13-89C, S13-89B, S13-89A, S13-89, S13-289A, S13-289, S13-211, S12-89

Servicing: Thermo King

 B+ M8, Total length 229.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 19.50 mm



9


**111010** Starter 12 V, 1.4 kW

Replacing: S114-501A, S114-501

Servicing: Audi, VW

 B+ M8, 15a 6.30, Total length 243.25,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (1)

A: 82.50 B: 20.80 mm



21


**111023** Starter 12 V, 1.4 kW

Replacing: S114-461B, S114-461A, S114-461

Servicing: Nissan

 B+ M8, Total length 221.25, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)


9


**111058** Starter 12 V, 0.8 kW

Replacing: S114-554A, S114-554

Servicing: Audi, Seat, VW

 B+ M8, 15a 6.30, Total length 215.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (2)

Bushing D.E. (clutch house): HC-CARGO 140500.

A: 82.35 B: 14.75 mm



9


**111059** Starter 12 V, 0.9 kW

Replacing: S114-553A, S114-553

Servicing: Seat, VW

 B+ M8, 15a 6.30, Total length 230.00,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm



9


**111098** Starter 12 V, 1.0 kW

Replacing: S114-385

Servicing: Iseki

 B+ M8, Total length 206.50,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)

A: 80.00 B: 21.60 mm





**111120** Starter 12 V, 2.2 kW  
 Replacing: S13-91A, S13-91  
 Servicing: Volvo, VW  
 B+ M8, Total length 272.65, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.35 B: 21.60 mm



**111303** Starter 12 V, 0.8 kW  
 Replacing: S114-775A, S114-775, S114-758,  
 S114-570C, S114-570B, S114-570A, S114-570  
 Servicing: Jaguar, Nissan  
 B+ M8, Total length 185.15, Drive type Steel,  
 Gear type DD/GR, Mount. holes 2 (1)  
 A: 69.95 B: 11.15 mm



**111452** Starter 12 V, 0.8 kW  
 Replacing: S114-839, S114-780, S114-505A,  
 S114-505  
 Servicing: TCM  
 B+ M8, Total length 191.00, Drive type Steel,  
 Gear type DD/GR, Mount. holes 2 (0)  
 A: 82.50 B: 7.80 mm



**111136** Starter 12 V, 1.4 kW  
 Replacing: S114-480B, S114-480A, S114-480,  
 S114-473  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 199.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (1)  
 A: 77.90 B: 19.00 mm



**111312** Starter 12 V, 0.8 kW  
 Replacing: S114-769H, S114-769A, S114-769,  
 S114-630, S114-617A, S114-617, S114-569B,  
 S114-569A, S114-569  
 Servicing: Nissan  
 B+ M8, Total length 221.70, Drive type Steel,  
 Gear type DD/GR, Mount. holes 2 (0)  
 A: 70.00 B: 43.00 mm



**111459** Starter 12 V, 1.2 kW  
 Replacing: S114-802A, S114-800C, S114-800B,  
 S114-800A, S114-800, S114-767, S114-766A,  
 S114-766, S114-750  
 Servicing: Jaguar, Nissan  
 B+ M8, Total length 207.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 A: 69.90 B: 11.50 mm



**111247** Starter 24 V, 3.5 kW  
 Replacing: S25-121A, S25-121, S24-07  
 Servicing: Isuzu  
 B+ M8, Total length 243.25,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 95.00 B: 20.75 mm



**111382** Starter 12 V, 1.4 kW  
 Replacing: S114-801D, S114-801C, S114-801B,  
 S114-801A, S114-801  
 Servicing: Infiniti, Nissan  
 B+ M8, Total length 229.85,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 75.00 B: 56.25 mm



**111534** Starter 12 V, 1.4 kW  
 Replacing: S114-890A, S114-890, S114-850E,  
 S114-850D, S114-850C, S114-850B, S114-  
 850A, S114-850  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 188.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 A: 77.90 B: 19.00 mm



**111274** Starter 12 V, 1.2 kW  
 Replacing: S114-481A, S114-481  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 214.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (1)  
 A: 77.50 B: 18.50 mm



**111445** Starter 12 V, 2.0 kW  
 Replacing: S13-502A, S13-502, S13-302B,  
 S13-302A, S13-302, S13-102, S13-101  
 Servicing: Nissan, Toyota  
 B+ M8, Total length 231.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 82.50 B: 8.00 mm



**111549** Starter 12 V, 1.4 kW  
 Replacing: S114-827, S114-762B, S114-762A,  
 S114-762, S114-705E, S114-705D, S114-705C,  
 S114-705B, S114-705A  
 Servicing: Nissan  
 B+ M8, Total length 199.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.45 B: 3.65 mm




**111558** Starter 24 V, 3.5 kW

Replacing: S25-156

Servicing: Nissan

 B+ M8, Total length 333.60,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0)

A: 105.00 B: 9.00 mm


**111559** Starter 12 V, 2.0 kW

 Replacing: S14-210A, S14-210, S14-203,  
 S13-210C, S13-210B, S13-114B, S13-114A,  
 S13-114, S13-112A, S13-112

Servicing: Isuzu, Opel, Vauxhall

 B+ M8, Total length 223.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 10.50 mm


**111586** Starter 12 V, 1.4 kW

Replacing: S114-482

Servicing: GEO, Suzuki

 B+ M8, Total length 207.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 11.00 mm


**111608** Starter 12 V, 1.4 kW

Replacing: S114-523

Servicing: Infiniti, Nissan

 B+ M8, Total length 216.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (2)

A: 82.25 B: 43.00 mm


**111683** Starter 12 V, 2.0 kW

Replacing: S13-136

 Servicing: Chevrolet, Clark, GMC, Iseki,  
 Isuzu, Opel, TCM

 B+ M8, Total length 232.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)

A: 95.00 B: 19.50 mm


**111690** Starter 12 V, 1.1 kW

 Replacing: S114-808D, S114-808C, S114-808B,  
 S114-808A, S114-808

Servicing: Opel, Vauxhall

 B+ M8, Total length 193.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (1)

A: 78.00 B: 19.50 mm


**111706** Starter 12 V, 1.0 kW

Replacing: S114-303A, S114-303

Servicing: Yanmar

 B+ M8, Total length 206.00, Drive type Steel,  
 Gear type DD/GR, Mount. holes 2 (0)

A: 70.00 B: 17.50 mm


**111763** Starter 12 V, 1.2 kW

Replacing: S114-528A, S114-528

Servicing: Nissan

 B+ M8, Total length 196.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)

A: 82.00 B: 14.00 mm


**111766** Starter 12 V, 1.1 kW

 Replacing: S114-323C, S114-323B, S114-323A,  
 S114-323

Servicing: Yamaha, Yanmar

 B+ M8, Total length 222.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (2)

A: 67.00 B: 32.00 mm


**111805** Starter 12 V, 2.5 kW

 Replacing: S13-127C, S13-127A, S13-127,  
 S13-107A, S13-107

Servicing: Ford, Nissan

 B+ M8, Total length 228.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 11.50 mm


**111836** Starter 12 V, 0.8 kW

Replacing: S108-41

Servicing: Harley Davidson

 B+ M6, Total length 176.00,  
 Drive type Steel, Gear type DD

A: 24.50 B: 23.00 mm


**111840** Starter 12 V, 0.6 kW

 Replacing: S108-61G, S108-61F, S108-61E,  
 S108-61D, S108-61C, S108-61B, S108-61A,  
 S108-61, S108-116

Servicing: Kawasaki

 B+ M8, Total length 224.50, Drive type Steel,  
 Gear type DD, Mount. holes 2 (2)

A: 62.00 B: 27.00 mm



**111917** Starter 12 V  
 Replacing: S13-237  
 Servicing: Yamaha  
 B+ M6, Total length 168.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 30.00 B: 41.00 mm



**112008** Starter 12 V, 0.6 kW  
 Replacing: S114-120, S108-94A, S108-94,  
 S108-120, S108-112  
 Servicing: Suzuki  
 B+ M6, Total length 201.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (2)  
 A: 67.00 B: 30.00 mm



**112083** Starter 12 V, 2.8 kW  
 Replacing: S14-03, S13-555B, S13-555A, S13-  
 555, S13-514  
 Servicing: Isuzu, Opel, Vauxhall  
 B+ M8, Total length 230.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 95.00 B: 11.50 mm



**112296** Starter 12 V, 1.0 kW  
 Replacing: S114-194, S114-134  
 Servicing: Yanmar  
 B+ M8, Total length 206.50, Drive type Steel,  
 Gear type DD/GR, Mount. holes 2 (0)  
 HC-CARGO 112296 is not oil sealed.  
 A: 82.00 B: 7.00 mm



**112320** Starter 12 V, 1.4 kW  
 Replacing: S114-925C, S114-925B, S114-925A,  
 S114-925, S114-869, S114-829D, S114-829C,  
 S114-829B, S114-829A  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 194.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 A: 77.90 B: 19.50 mm



**112365** Starter 12 V, 2.2 kW  
 Replacing: S13-326, S13-322, S13-126A, S13-  
 126, S13-122  
 Servicing: Nissan  
 B+ M8, Total length 224.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 95.00 B: 10.50 mm



**112371** Starter 12 V, 2.2 kW  
 Replacing: S13-207C, S13-207A, S13-207  
 Servicing: Thermo King, Yanmar  
 B+ M8, Total length 226.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 95.00 B: 21.50 mm



**112373** Starter 12 V, 0.9 kW  
 Replacing: S114-816A, S114-816, S114-653B,  
 S114-653A, S114-653, S114-443A, S114-443  
 Servicing: Yanmar  
 B+ M8, Total length 192.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 80.00 B: 13.60 mm



**112374** Starter 12 V, 2.5 kW  
 Replacing: S13-94A, S13-94, S13-78, S13-332,  
 S13-294, S13-132, S13-124  
 Servicing: Yanmar  
 B+ M8, Total length 222.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 95.00 B: 20.00 mm



**112382** Starter 12 V, 0.8 kW  
 Replacing: S114-949A, S114-949, S114-903A,  
 S114-903  
 Servicing: Fiat, Lancia  
 B+ M8, Total length 191.00,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 3 (1)  
 A: 64.50 B: 10.50 mm



**112478** Starter 12 V, 0.8 kW  
 Replacing: S114-651A, S114-651, S114-414A,  
 S114-414  
 Servicing: Yanmar  
 B+ M8, Total length 192.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 2 (0)  
 Direkte Drev udgave Cargo 116115  
 Alternative no.: 116115  
 A: 66.00 B: 16.00 mm



**112672** Starter 12 V, 3.0 kW  
 Manufacturer: Hitachi  
 Replacing: S13-138A, S13-138  
 Servicing: Yanmar  
 B+ M8, Total length 292.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 94.45 B: 20.00 mm



**112674** Starter 12 V, 1.3 kW  
 Replacing: S114-230A, S114-230, S114-203  
 Servicing: Yanmar  
 B+ M8, Total length 208.00,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 89.00 B: 23.00 mm



**112676** Starter 12 V, 2.2 kW  
 Replacing: S13-404, S13-204  
 Servicing: Komatsu, Yanmar  
 B+ M8, Total length 235.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 95.00 B: 20.40 mm



**112986** Starter 12 V, 1.4 kW  
 Replacing: S114-753C, S114-753B, S114-753A,  
 S114-753  
 Servicing: Acura, Isuzu  
 B+ M8, Total length 197.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 2 (0)  
 B: 14.50 mm



**113191** Starter 24 V, 3.5 kW  
 Replacing: S25-160, S25-158B, S25-158A,  
 S25-158, 23300-6J04, 23300-6J02  
 Servicing: Nissan  
 B+ M8, Total length 301.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 104.90 B: 10.50 mm



**113210** Starter 24 V, 3.2 kW  
 Replacing: S25-303A, S25-303, S25-302, S25-  
 125B, S25-125A, S25-125, S24-01D, S24-01C,  
 S24-01B, S24-01  
 Servicing: Nissan  
 B+ M8, Total length 240.00, Drive type Steel,  
 Gear type DD/GR, Mount. holes 3 (0)  
 A: 105.00 B: 11.00 mm



**113276** Starter 12 V, 1.1 kW  
 Replacing: S114-907A, S114-907  
 Servicing: Fiat, Mercedes-Benz, Opel, Saab,  
 Vauxhall  
 B+ M8, Total length 200.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 67.90 B: 19.00 mm



**113408** Starter 12 V, 1.4 kW  
 Replacing: S12-47, S114-817A, S114-817,  
 S114-815A, S114-815  
 Servicing: Yanmar  
 B+ M8, Total length 193.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 HC-CARGO 114281 = 1.7 kW.  
 A: 94.85 B: 19.50 mm



**113526** Starter 12 V, 0.5 kW  
 Replacing: 31100-W0100  
 Servicing: Kohler, Various Industrial applications  
 B+ M6, Total length 193.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 66.85 B: 32.00 mm



**113675** Starter 24 V, 4.0 kW  
 Replacing: S25-515C, S25-515B, S25-515A,  
 S25-505G, S25-505E, S25-505C, S25-505A,  
 S25-505, S25-501C, S25-501B  
 Servicing: Isuzu, Nissan  
 B+ M8, Total length 235.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 94.00 B: 44.10 mm



**113680** Starter 12 V, 0.9 kW  
 Replacing: S114-656A, S114-656  
 Servicing: Yanmar  
 B+ M8, Total length 189.00, Drive type Steel,  
 Gear type DD/GR, Mount. holes 2 (0)  
 A: 89.00 B: 16.00 mm



**113924** Starter 12 V, 1.4 kW  
 Replacing: S114-483A, S114-483, S114-349B,  
 S114-349A, S114-349, S114-257H, S114-257G,  
 S114-257D, S114-257C  
 Servicing: Mustang, Yanmar  
 B+ M8, Total length 226.20,  
 Gear type DD/GR, Mount. holes 2 (0)  
 A: 95.00 B: 20.00 mm



**113962** Starter 12 V, 0.9 kW  
 Replacing: S114-948, S114-947A, S114-947, S114-  
 943A, S114-943, S114-938, S114-906, S114-905  
 Servicing: Abarth, Alfa Romeo, Fiat, Ford, Lancia  
 B+ M8, Total length 169.60,  
 Gear type DD/GR, Mount. holes 2 (1)  
 A: 64.10 B: 10.00 mm





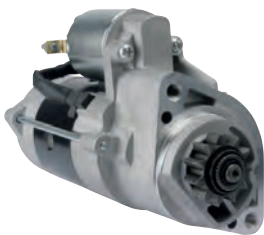
**114032** Starter 12 V, 2.5 kW  
 Replacing: S13-559B, S13-559A, S13-556A, S13-556, S13-553, S13-527B, S13-527A, S13-527  
 Servicing: Nissan, Opel, Renault, Renault Trucks, Renault V.I., Vauxhall  
 B+ M8, Total length 214.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 11.00 mm



**114098** Starter 12 V, 3.0 kW  
 Replacing: S13-160  
 Servicing: Gehl, Yanmar  
 B+ M8, Total length 242.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 20.70 mm



**114213** Starter 12 V, 2.0 kW  
 Replacing: S13-407A, S13-407  
 Servicing: Thermo King  
 B+ M8, Total length 222.00,  
 Gear type GR, Mount. holes 2 (0)  
 Alternative no.: 114253   
 A: 95.00 B: 21.30 mm



**114232** Starter 12 V, 2.0 kW  
 Replacing: S14-413  
 Servicing: Nissan  
 B+ M8, Total length 233.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 70.00 B: 31.00 mm



**114253** Starter 12 V, 2.0 kW  
 Manufacturer: Hitachi  
 Replacing: S13-407A, S13-407  
 Servicing: Thermo King  
 B+ M8, Total length 213.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 Alternative no.: 114213,  
 A: 95.00 B: 21.30 mm



**114261** Starter 12 V, 1.0 kW  
 Replacing: S114-221J, S114-221H, S114-221G, S114-221F, S114-221E, S114-221, S114-220  
 Servicing: Mercury  
 B+ M6, Total length 198.00,  
 Gear type DD, Mount. holes 3 (3)  
 A: 66.50 B: 31.50 mm



**114281** Starter 12 V, 1.7 kW  
 Replacing: S114-883  
 Servicing: Case, New Holland, Yanmar  
 B+ M8, Total length 192.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 20.10 mm



**114308** Starter 12 V, 1.4 kW  
 Replacing: S114-875  
 Servicing: Audi, VW  
 B+ M8, 15a Plug, Total length 235.00,  
 Gear type GR, Mount. holes 2 (0)  
 B: 52.00 mm



**114401** Starter 12 V, 1.2 kW  
 Replacing: S114-821A, S114-821  
 Servicing: John Deere  
 B+ M8, Total length 193.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (2)  
 A: 70.00 B: 25.00 mm



**114422** Starter 24 V, 6.0 kW  
 Replacing: S210-100  
 Servicing: Nissan  
 B+ M10, Total length 324.50,  
 Drive type Steel, Mount. holes 3 (0)  
 A: 122.00 B: 41.00 mm



**114482** Starter 12 V, 2.2 kW  
 Replacing: S14-412F, S14-412E, S14-412D, S14-412C, S14-412  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 225.00,  
 Gear type GR, Mount. holes 2 (0)  
 B: 41.00 mm



**114526** Starter 12 V, 2.0 kW  
 Replacing: S14-410F, S14-410E, S14-410  
 Servicing: BMW, Renault, Saab  
 B+ M8, Total length 214.00,  
 Gear type GR, Mount. holes 3 (0)  
 B: 41.50 mm



**114675** Starter 12 V, 0.6 kW  
 Replacing: S108-80B, S108-80A, S108-80  
 Servicing: Mercury  
 B+ M6, Total length 204.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 67.00 B: 32.00 mm



**114687** Starter 12 V  
 Replacing: S114-682  
 Servicing: Yamaha  
 B+ M8, Total length 220.00,  
 Drive type Steel, Mount. holes 2 (2)  
 A: 67.00 B: 31.50 mm



**114739** Starter 12 V, 0.8 kW  
 Replacing: S114-655D, S114-655A, S114-655  
 Servicing: Yanmar  
 B+ M8, Total length 202.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 95.00 B: 20.00 mm



**114747** Starter 12 V, 2.2 kW  
 Replacing: S13-558  
 Servicing: Komatsu  
 B+ M8, Total length 225.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 20.00 mm



**114763** Starter 12 V, 1.4 kW  
 Replacing: S114-844A, S114-844  
 Servicing: Nissan  
 B+ M8, Total length 206.00,  
 Gear type GR, Mount. holes 4 (2)  
 A: 75.00 B: 61.00 mm



**114764** Starter 12 V, 2.5 kW  
 Replacing: S13-551C, S13-551A, S13-551  
 Servicing: Nissan  
 B+ M8, Total length 215.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 11.00 mm



**114867** Starter 12 V, 0.9 kW  
 Replacing: S114-671A  
 Servicing: Suzuki  
 B+ M6, Total length 196.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 57.00 B: 36.00 mm



**114874** Starter 12 V, 3.0 kW  
 Replacing: S14-102  
 Servicing: Bobcat, Gehl, Mustang, Yanmar  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 21.00 mm



**114875** Starter 12 V, 2.8 kW  
 Replacing: S14-407C, S14-407A  
 Servicing: Nissan  
 B+ M8, Total length 213.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 11.00 mm



**115341** Starter 12 V, 1.0 kW  
 Replacing: S114-955, S114-922A, S114-922,  
 S114-902C, S114-902B, S114-902A, S114-902  
 Servicing: Dongfeng (DFL), Nissan, Nissan  
 (Dongfeng), Renault  
 B+ M8, Total length 193.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 70.00 B: 20.50 mm



**115361** Starter 12 V, 1.0 kW  
 Replacing: S114-901B, S114-901A, S114-901  
 Servicing: Nissan  
 B+ M8, Total length 182.00,  
 Gear type GR, Mount. holes 4 (4)  
 A: 70.00 B: 18.50 mm



**115450** Starter 12 V, 1.4 kW  
 Replacing: S114-939A  
 Servicing: Polaris  
 B+ M8, Total length 197.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 18.00 mm



**115686** Starter 12 V, 1.4 kW  
 Replacing: S114-877C, S114-877B, S114-877A, S114-877  
 Servicing: Renault  
 B+ M8, Total length 193.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 68.00 B: 9.00 mm



**115981** Starter 12 V, 2.5 kW  
 Replacing: S13-68C, S13-68A, S13-68  
 Servicing: Yanmar  
 B+ M8, Total length 304.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 105.00 B: 32.00 mm



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**116085** Starter 12 V, 2.2 kW  
 Manufacturer: Hitachi  
 Replacing: S13-118A, S13-118  
 Servicing: Nissan  
 B+ M8, Total length 239.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 105.00 B: 10.00 mm

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**116112\*** Starter  
 Replacing: S13-41D, S13-41B, S13-41A, S13-41





**110160** Starter 12 V, 1.2 kW  
 Replacing: AZE2545, 11.130.777  
 Servicing: Volvo  
 B+ M8, 15a 6.30, Total length 240.50,  
 Drive type Steel, Gear type DD/GR,  
 Mount. holes 2 (2)  
 A: 82.45 B: 35.00 mm



**110205** Starter 24 V, 6.5 kW  
 Replacing: AZK5187, 11.139.028  
 Servicing: Volvo  
 B+ M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Waterproof  
 A: 89.00 B: 47.50 mm



**110206** Starter 24 V, 5.4 kW  
 Replacing: AZK5545, AZK5401, 11.139.506,  
 11.130.041  
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra  
 B+ M12, B- M10, Total length 390.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**110207** Starter 24 V, 5.4 kW  
 Replacing: 11.139.106  
 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110210** Starter 24 V, 6.6 kW  
 Replacing: AZK5191, 11.139.032  
 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong  
 B+ M12, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 48.50 mm



**110212** Starter 24 V, 6.6 kW  
 Replacing: AZK5172, 11.139.012  
 Servicing: Iveco, Scania  
 B+ M10, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.65 mm



**110213** Starter 24 V, 6.6 kW  
 Replacing: AZK5179, 11.139.020  
 Servicing: Fiat, Iveco  
 B+ M12, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 115.00 B: 20.80 mm



**110338** Starter 12 V, 0.8 kW  
 Replacing: AZE1520, AZE1501, AZE1211,  
 AZE0201, AZB0101, 11.130.964, 11.130.519,  
 11.130.321  
 Servicing: Fiat, Lancia, Zastava  
 B+ M8, Total length 254.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (3)  
 A: 66.90 B: 12.00 mm



**110365** Starter 12 V, 0.8 kW  
 Replacing: AZE3514, AZE1528, AZE1516, AZE1214,  
 11.130.967, 11.130.586, 11.130.487, 11.130.219  
 Servicing: Autobianchi, Fiat, Lancia, Seat  
 B+ M8, Total length 236.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (3)  
 A: 62.00 B: 12.50 mm



**110367** Starter 12 V, 1.0 kW  
 Manufacturer: Lucas  
 Replacing: AZF3509, AZE3517, AZE3512,  
 AZE3506, 11.130.362, 11.130.234,  
 11.130.217, 11.130.193, 11.130.162  
 Servicing: Dacia, DAF, Renault, Volvo  
 B+ M8, Total length 200.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 66.00 B: 10.50 mm



**110368** Starter 12 V, 2.3 kW  
 Replacing: AZJ3567, AZJ3312, AZJ3311,  
 AZJ3107, 11.130.886, 11.130.885,  
 11.130.399, 11.130.300  
 Servicing: Audi, Mercedes-Benz, Volvo  
 B+ M10, Total length 289.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (2)  
 A: 82.50 B: 21.00 mm



**110409** Starter 12 V, 3.0 kW  
 Replacing: AZK5487, 11.139.140  
 Servicing: Kaelble, Mack, Sennebogen  
 B+ M10, Total length 384.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm


**110439** Starter 12 V, 2.0 kW

Replacing: AZK5111, AZJ3544, AZJ3531, AZJ3248, AZJ3114, AZJ0404, 11.130.711, 11.130.408, 11.130.194

Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, Total length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 25.00 mm


**110442** Starter 12 V, 2.1 kW

Replacing: AZJ3447, 11.131.635

Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro

B+ M8, Total length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.90 B: 30.00 mm


**110449** Starter 12 V, 3.6 kW

Manufacturer: Prestolite

Replacing: AZK5133, 11.139.038, 11.130.320

Servicing: Caterpillar, Dronningborg, Hyster, Massey Ferguson, Perkins

B+ M8, Total length 370.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.90 B: 48.75 mm


**110461** Starter 12 V, 2.8 kW

Replacing: AZJ3279, 11.130.769

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, 30h M5, Total length 272.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm


**110462** Starter 12 V, 2.8 kW

Replacing: AZJ3198, AZJ3182, 11.130.624, 11.130.579

Servicing: Buhner, Ford, Matbro, New Holland

B+ M8, Total length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0)

4 KW: HC-CARGO 115391.

A: 92.00 B: 20.00 mm


**110464** Starter 12 V, 2.1 kW

Replacing: AZJ3324, 11.130.795

Servicing: Carbodyes, DAF, Lancer Boss, Various Agriculture Vehicles

B+ M8, Total length 336.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm


**110517** Starter 24 V, 3.2 kW

Replacing: AZJ3542, AZJ3520, 11.130.216, 11.130.146

Servicing: BENFRA, Fiat-Allis, Iveco

B+ M10, Total length 295.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110518** Starter 24 V, 4.0 kW

Replacing: AZJ3515, AZJ3460, AZJ3131, 11.139.454, 11.130.490, 11.130.124

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110519** Starter 12 V, 3.0 kW

Replacing: AZJ3299, 11.130.862

Servicing: Iveco, Volvo

B+ M10, Total length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110520** Starter 24 V, 4.0 kW

Replacing: AZK5119, AZJ3593, 11.130.364, 11.130.170, 11.130.121

Servicing: Cummins, Fiat-Allis

B+ M10, Total length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm


**110521** Starter 24 V, 4.0 kW

Replacing: AZJ3546, AZJ3459, AZJ3133, AZF3542, 11.139.453, 11.130.492, 11.130.225

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110522** Starter 12 V, 3.0 kW

Replacing: AZJ3594, AZJ3461, AZJ3237, 11.139.455, 11.130.697, 11.130.366

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

B+ M10, Total length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.50 mm




**110523** Starter 24 V, 4.8 kW

Replacing: AZJ3518, AZJ3132, 11.130.491, 11.130.172, 11.130.141, 11.130.075

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 27.50 mm


**110524** Starter 24 V, 4.0 kW

Replacing: AZJ3589, AZJ3549, AZJ3113, AZJ0501, 11.130.407, 11.130.339, 11.130.230, 11.130.010

Servicing: Mercedes-Benz

B+ M10, Total length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110525** Starter 12 V, 3.0 kW

Replacing: AZJ3548, AZJ3118, 11.130.412, 11.130.229

Servicing: Claas, Mercedes-Benz

B+ M10, Total length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110527** Starter 24 V, 4.0 kW

Replacing: AZJ3263, 11.130.743

Servicing: Scania, Steyr

B+ M10, Total length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Not Insulated return.

A: 89.00 B: 46.50 mm


**110529** Starter 12 V, 3.0 kW

Replacing: AZJ3582, AZJ3535, AZJ3517, AZJ3116, AZJ3110, 11.130.410, 11.130.403, 11.130.322, 11.130.199

Servicing: Agrifull, BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 30.00 mm


**110530** Starter 12 V, 3.0 kW

Replacing: AZJ3556, AZJ3537, AZJ3503, AZJ3149, 11.130.521, 11.130.253, 11.130.201, 11.130.083

Servicing: Huerlimann, Lamborghini, Same

B+ M10, Total length 342.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 22.00 mm


**110535** Starter 24 V, 5.4 kW

Replacing: AZK5173, 11.139.013

Servicing: Iveco

B+ M10, B- M10, Total length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110536** Starter 12 V, 2.7 kW

Replacing: AZJ3508, AZJ3170, AZJ3169, AZJ3128, AZJ0402, 11.130.552, 11.130.551, 11.130.484, 11.130.117

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

B+ M10, Total length 234.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

Alternative no.: 116086

A: 89.00 B: 28.00 mm


**110537** Starter 12 V, 3.6 kW

Replacing: AZK5196, AZK5195, AZK5168, AZK5106, AZK5105, 11.139.037, 11.139.036, 11.139.008, 11.130.126

Servicing: Volvo BM

B+ M10, B- M10, Total length 384.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110545** Starter 12 V, 3.0 kW

Replacing: AZJ3599, AZJ3525, AZJ3319, AZJ3234, AZJ3119, 11.130.897, 11.130.692, 11.130.414, 11.130.376

Servicing: Balkancar, Chang Feng, Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, Total length 335.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110551** Starter 12 V, 3.0 kW

Replacing: AZJ3285, 11.130.821

Servicing: Lamborghini, Same, Ursus, Zetor

B+ M10, Total length 326.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110565** Starter 12 V, 2.8 kW

Replacing: AZJ3598, AZJ3536, AZJ3330, AZJ3305, AZJ3203, AZJ3144, AZJ3121, AZJ3117, AZJ3105, AZJ0405, AZE4244

Servicing: Eicher, Massey Ferguson

B+ M8, Total length 313.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

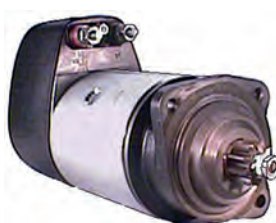
4 KW: HC-CARGO 115392.

A: 89.00 B: 29.50 mm





**110582** Starter 24 V, 5.4 kW  
 Replacing: AZK5466, 11.139.117  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**110601** Starter 24 V, 5.4 kW  
 Replacing: AZK5193, AZK5117, AZK5113,  
 11.139.034, 11.130.005, 10.130.121  
 Servicing: Mercedes-Benz, Steyr  
 B+ M10, Total length 386.25, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.85 B: 47.50 mm



**110807** Starter 12 V, 0.85 kW  
 Replacing: AZE1540, 11.130.809  
 Servicing: Ford, Kia, Mazda, Opel  
 B+ M8, Total length 197.25, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 70.00 B: 20.50 mm



**110584** Starter 12 V, 1.2 kW  
 Replacing: AZE1523, AZE1521, AZE1507,  
 AZE1502, AZE1212, AZD3515, AZD2119,  
 11.139.404, 11.131.764, 11.130.965  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 210.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (1)  
 B: -6.00 mm



**110615** Starter 12 V, 2.8 kW  
 Replacing: AZJ3369, AZJ3151, 11.131.070,  
 11.130.526  
 Servicing: Agco Allis, Agco White, Allis Chalmers,  
 Atlas Copco, JCB, Massey Ferguson, Perkins  
 B+ M8, Total length 312.25, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 28.60 mm



**110813** Starter 12 V, 2.7 kW  
 Replacing: AZJ3538, AZJ3458, AZE6531,  
 11.139.452, 11.131.603, 11.130.203  
 Servicing: Agrifull, Allis Chalmers, BENFRA,  
 Fiat, Fiat-Allis, Goldoni, Iveco  
 B+ M10, Total length 294.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110585** Starter 12 V, 1.2 kW  
 Replacing: AZF3558, AZF3531, AZF3512,  
 AZE1203, 11.130.790, 11.130.582,  
 11.130.346, 11.130.208  
 Servicing: Renault, Volvo  
 B+ M8, Total length 214.15, Drive type Steel,  
 Gear type DD, Mount. holes 4 (4)  
 A: 66.00 B: -2.00 mm



**110640** Starter 12 V, 3.0 kW  
 Replacing: AZJ3534, AZJ3516, AZJ3115,  
 11.130.409, 11.130.198, 11.130.127  
 Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long  
 B+ M10, Total length 310.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 26.00 mm



**110814** Starter 12 V, 2.7 kW  
 Replacing: AZJ3514, AZJ3137, 11.130.500,  
 11.130.123  
 Servicing: Alfa Romeo, BENFRA, Fiat, Iveco,  
 Lancia, Massey Ferguson, Renault  
 B+ M10, Total length 296.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 26.80 mm



**110587** Starter 12 V, 1.2 kW  
 Replacing: AZF3551, AZF3528, AZF3515,  
 11.130.418, 11.130.338, 11.130.233  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 208.20,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 66.00 B: -4.00 mm



**110793** Starter 12 V, 0.9 kW  
 Replacing: AZF3543, AZF3518, 11.130.375,  
 11.130.245  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 221.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (2)  
 A: 66.00 B: 22.00 mm



**110818** Starter 12 V, 2.1 kW  
 Replacing: AZJ3347, AZJ3204, 11.130.972,  
 11.130.630  
 Servicing: Case, Fiat-Allis, Massey Ferguson  
 B+ M8, 15a 6.30, Total length 309.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 24.60 mm

## STARTERS



**110819** Starter 12 V, 2.8 kW  
 Replacing: AZJ3389, AZJ3206, AZJ3148, 11.131.162, 11.130.632, 11.130.520  
 Servicing: Eicher, Massey Ferguson, Perkins  
 B+ M8, Total length 311.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 23.00 mm



**110839** Starter 12 V, 1.7 kW  
 Replacing: AZE2507, 11.130.558  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 269.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)  
 A: 82.00 B: 19.60 mm



**110847** Starter 12 V, 1.4 kW  
 Replacing: AZE2525, 11.130.651  
 Servicing: Opel, Saab, Toyota, Vauxhall  
 B+ M8, Total length 242.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)  
 A: 82.50 B: 19.00 mm



**110856** Starter 12 V, 0.6 kW  
 Replacing: AZE0303, 11.130.134, 11.130.034  
 Servicing: Renault  
 B+ M8, Total length 208.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0)  
 A: 66.00 B: 21.00 mm



**110866** Starter 12 V, 0.9 kW  
 Replacing: AZF3545, 11.130.378, 11.103.234  
 Servicing: Renault  
 B+ M8, Total length 197.65, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (2)  
 A: 66.00 B: 10.50 mm



**110867** Starter 12 V, 1.7 kW  
 Replacing: AZE2523, 11.130.647  
 Servicing: Ford, Mazda  
 B+ M8, Total length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 14.25 mm



**110980** Starter 24 V, 5.4 kW  
 Replacing: AZK5188, 11.139.029  
 Servicing: Volvo  
 B+ M10, B- M10, Total length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**110981** Starter 24 V, 5.4 kW  
 Replacing: AZK5553, AZK5184, 11.139.514, 11.139.025  
 Servicing: DAF  
 B+ M12, B- M10, Total length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 47.50 mm



**111001** Starter 12 V, 3.0 kW  
 Replacing: AZJ3557, AZJ3320, AZF4220, 11.131.829, 11.130.898, 11.130.254  
 Servicing: Lamborghini, Same, Steyr  
 B+ M10, Total length 340.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 82.00 B: 21.60 mm



**111015** Starter 12 V, 1.1 kW  
 Replacing: AZD2127, 11.131.928  
 Servicing: Lombardini, Various Agriculture Vehicles  
 B+ M8, Total length 216.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 A: 76.00 B: 15.00 mm



**111025** Starter 12 V, 0.8 kW  
 Replacing: AZE1531, AZE1215, 11.130.968, 11.130.661  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M8, Total length 209.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (2)  
 A: 64.00 B: 11.00 mm



**111029** Starter 12 V, 1.4 kW  
 Replacing: AZE2548, 11.130.787  
 Servicing: Citroen, Nissan, Peugeot, Rover  
 B+ M8, Total length 207.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)  
 A: 62.00 B: -5.00 mm




**111055** Starter 12 V, 0.7 kW

Replacing: AZE1526, AZE1522, AZE1213, AZD3508, 11.130.966, 11.130.580, 11.130.544, 11.130.266

Servicing: Opel, Pontiac, Vauxhall

B+ M8, 15a 6.30, Total length 229.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 67.95 B: 18.25 mm


**111058** Starter 12 V, 0.8 kW

Replacing: AZF3524

Servicing: Audi, Seat, VW

B+ M8, 15a 6.30, Total length 215.50, Drive type Steel, Gear type DD, Mount. holes 3 (2)

Bushing D.E. (clutch house): HC-CARGO 140500.

A: 82.35 B: 14.75 mm


**111059** Starter 12 V, 0.9 kW

Replacing: AZD3520, 11.139.418

Servicing: Seat, VW

B+ M8, 15a 6.30, Total length 230.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm


**111060** Starter 12 V, 1.7 kW

Replacing: AZE2536, 11.130.722

Servicing: VW

B+ M8, Total length 264.35, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 31.80 mm


**111065** Starter 12 V, 2.2 kW

Replacing: AZE4527, 11.139.305

Servicing: Daewoo, Mercedes-Benz, Ssangyong

B+ M8, Total length 276.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.30 B: 26.50 mm


**111068** Starter 12 V, 0.85 kW

Replacing: AZF3549, AZE3513, AZE0304, 11.130.395, 11.130.218, 11.130.029

Servicing: Citroen, Peugeot, Talbot

B+ M8, Total length 212.25, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 65.85 B: 15.65 mm


**111069** Starter 12 V, 1.7 kW

Replacing: AZE2577, AZE2540, 11.130.910, 11.130.772

Servicing: VW

B+ M8, Total length 290.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.40 B: 42.50 mm


**111070** Starter 12 V, 1.7 kW

Replacing: AZE3521, AZE2521, 11.130.642

Servicing: Citroen, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot

B+ M8, Total length 230.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 66.00 B: -6.50 mm


**111100** Starter 12 V, 0.7 kW

Replacing: ZB4-12/06-9, AZE0305, 11.130.007, 10.130.172

Servicing: Citroen

B+ M8, Total length 207.75, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 65.60 B: 19.80 mm


**111123** Starter 12 V, 0.9 kW

Replacing: AZE1216, AZD2108, 11.131.622, 11.130.969

Servicing: Chevrolet, Daewoo, Fiat, Mercedes-Benz, Opel, Vauxhall

B+ M8, Total length 208.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 67.95 B: 18.55 mm


**111130** Starter 12 V, 1.1 kW

Replacing: AZD3513, 11.139.402

Servicing: Citroen, Fiat, Lancia, Peugeot

B+ M8, Total length 208.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (3)

A: 65.90 B: -5.00 mm


**111131** Starter 12 V, 0.8 kW

Replacing: AZE1515, AZE1210, 11.130.963, 11.130.483

Servicing: Austin, Ford, Mazda, Rover

B+ M8, Total length 208.75, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 76.15 B: 13.45 mm




**111217** Starter 12 V, 3.0 kW

Replacing: AZK5511, AZK5457, AZK5449, AZK5192, AZK5112, 11.139.108, 11.139.098, 11.139.033, 11.130.142

Servicing: Volvo, Volvo BM

B+ M10, B- M10, Total length 386.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**111218** Starter 24 V, 5.4 kW

Replacing: AZK5431, 11.139.077

Servicing: Volvo Penta

B+ M10, B- M10, Total length 388.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return

A: 89.00 B: 48.00 mm


**111224** Starter 12 V, 4.0 kW

Replacing: AZJ3297, AZJ3215, 11.130.860, 11.130.663

Servicing: John Deere

 B+ M10, Total length 402.50, Drive type Steel, Gear type GR, Mount. holes 3 (0), Oil sealed  
 Replacing: 37MT.

A: 88.90 B: 47.60 mm


**111228** Starter 12 V, 1.1 kW

Replacing: AZF3547, 11.130.392

Servicing: Fiat, Lancia

B+ M8, Total length 219.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (3)

A: 64.00 B: 12.40 mm


**111231** Starter 24 V, 6.6 kW

Replacing: AZK5189, 184452, 11.139.030

Servicing: Renault V.I.

B+ M10, B- M10, Total length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return

A: 89.00 B: 40.25 mm


**111251** Starter 12 V, 1.1 kW

Replacing: AZE1209, AZD3514, 11.139.403, 11.130.956

Servicing: Renault, Volvo

 B+ M8, Total length 208.20, Drive type Steel, Gear type GR, Mount. holes 4 (4)  
 Short version HC-CARGO 115442 !

A: 66.00 B: -2.00 mm


**111304** Starter 12 V, 1.9 kW

Manufacturer: Mahle Letrika

Replacing: AZJ3255, 11.130.732

Servicing: Sabb

B+ M10, Total length 194.75, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 20.70 mm


**111332** Starter 12 V, 2.7 kW

Replacing: AZJ3244, AZJ3219, AZJ3218, 11.130.706, 11.130.670, 11.130.669

Servicing: Fendt, Renault Agriculture

B+ M8, Total length 293.55, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 21.00 mm


**111398** Starter 12 V, 1.2 kW

Manufacturer: Mahle Letrika

Replacing: AZF3566, AZE2160, 11.131.285, 11.130.782

Servicing: BUKH

B+ M8, Total length 215.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

Oe unit has an opening on opposite side. HC-CARGO 111398 should be mounted "upside down" (Solenoid downward).

A: 82.00 B: 21.00 mm


**111422** Starter 12 V, 0.8 kW

Replacing: AZE1511, AZE1202, 11.130.763, 11.130.421

Servicing: Fiat, Lancia

B+ M8, Total length 206.00, Drive type Steel, Gear type DD, Mount. holes 3 (1)

A: 64.00 B: 11.50 mm


**111461** Starter 12 V, 2.2 kW

Replacing: AZE4635, 11.139.413

Servicing: Dodge, Hyundai, Mitsubishi

B+ M8, Total length 240.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 3.50 mm


**111638** Starter 24 V, 4.0 kW

Replacing: AZJ3231, 11.130.687

Servicing: Volvo

B+ M10, B- M10, Total length 334.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (0)

A: 89.00 B: 47.70 mm



**111640** Starter 24 V, 4.0 kW  
 Replacing: AZJ3393, AZJ3387, AZJ3160, 11.131.177, 11.131.143, 11.130.537  
 Servicing: MAN  
 B+ M10, Total length 338.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 88.50 B: 28.00 mm



**111693** Starter 12 V, 2.5 kW  
 Replacing: AZJ3156, 11.130.532  
 Servicing: Fiat, Iveco, Multicar  
 B+ M10, Total length 295.65, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (1)  
 A: 110.00 B: 21.65 mm



**111752** Starter 12 V, 2.7 kW  
 Replacing: AZJ3314, AZJ3242, 11.130.889, 11.130.704  
 Servicing: Case, Payloader  
 B+ M10, Total length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**111641** Starter 12 V, 0.7 kW  
 Replacing: AZE1225, 11.131.088  
 Servicing: Nissan, Renault  
 B+ M8, Total length 195.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (1)  
 A: 64.00 B: 0.50 mm



**111694** Starter 12 V, 1.8 kW  
 Replacing: AZE2578, AZE2541, 11.130.911, 11.130.773  
 Servicing: Audi, Ferrari, Seat, Skoda, VW  
 B+ M8, Total length 270.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 16.00 mm



**111755** Starter 12 V, 3.0 kW  
 Replacing: AZJ3283, AZJ3274, AZJ3181, AZJ3158, AZJ3157, AZF4596, AZF4521, 11.131.374, 11.130.819, 11.130.793  
 Servicing: John Deere  
 B+ M10, Total length 342.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 82.00 B: 34.00 mm



**111685** Starter 12 V, 1.4 kW  
 Replacing: AZE2204, 11.139.433  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Total length 211.80, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 A: 65.90 B: 10.80 mm



**111748** Starter 12 V, 1.1 kW  
 Replacing: AZE2563, AZD3519, 11.139.415, 11.130.854  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 223.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 33.00 mm



**111771** Starter 24 V, 6.2 kW  
 Replacing: AZG4605, 11.131.016  
 Servicing: Mercedes-Benz  
 B+ M12, Total length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**111690** Starter 12 V, 1.1 kW  
 Replacing: AZD3517, 11.139.409  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 193.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (1)  
 A: 78.00 B: 19.50 mm



**111749** Starter 12 V, 1.1 kW  
 Replacing: AZE2543, AZE2185, 11.139.416, 11.130.775  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 245.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 52.00 mm



**111793** Starter 12 V, 3.0 kW  
 Replacing: 11.131.065  
 Servicing: Caterpillar, Mercedes-Benz, Volvo  
 B+ M10, Total length 342.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 88.80 B: 28.50 mm

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**111805** Starter 12 V, 2.5 kW  
 Replacing: AZE4634, 11.139.406  
 Servicing: Ford, Nissan  
 B+ M8, Total length 228.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 11.50 mm



**111848** Starter 12 V, 1.0 kW  
 Replacing: AZE2113, 11.131.010  
 Servicing: Chevrolet, Citroen, Daewoo,  
 Holden, Isuzu, Opel, Peugeot, Vauxhall  
 B+ M8, Total length 215.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 A: 82.50 B: 19.00 mm



**111851** Starter 12 V, 2.0 kW  
 Replacing: AZE2206, 11.139.435  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 240.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (2)  
 A: 82.50 B: 25.50 mm



**111855** Starter 12 V, 2.2 kW  
 Replacing: AZE4535, AZE4202, 11.131.951,  
 11.131.109  
 Servicing: KHD, Various Agriculture Vehicles  
 B+ M8, Total length 267.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 82.50 B: 23.00 mm



**111865** Starter 12 V, 1.7 kW  
 Replacing: AZE2201, 11.139.432  
 Servicing: Lancia, Land Rover  
 B+ M8, Total length 268.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 73.00 B: 39.00 mm



**111885** Starter 12 V, 3.1 kW  
 Replacing: AZJ3236, AZJ3216, 11.130.695,  
 11.130.664  
 Servicing: Case  
 B+ M10, Total length 332.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0),  
 Oil sealed, Waterproof  
 A: 89.00 B: 48.00 mm



**111900** Starter 12 V, 1.8 kW  
 Replacing: AZE2624, 11.131.055  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 235.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 Alternative no.: 115503   
 A: 76.00 B: 53.00 mm



**111904** Starter 12 V, 1.8 kW  
 Replacing: AZE2665, 11.139.439  
 Servicing: Seat, VW  
 B+ M8, Total length 247.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 66.00 B: 46.70 mm



**111909** Starter 12 V, 1.1 kW  
 Replacing: AZE2623, 11.131.054  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 212.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115504   
 A: 76.25 B: 32.00 mm



**111910** Starter 24 V, 6.7 kW  
 Replacing: AZJ3450, 11.139.164  
 Servicing: Scania  
 B+ M12, B- M10, Total length 429.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**111982** Starter 24 V, 4.0 kW  
 Replacing: AZF4507, 11.130.728  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 342.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 88.75 B: 45.00 mm



**111996** Starter 12 V, 2.2 kW  
 Replacing: AZE4144, 11.139.445  
 Servicing: Iveco  
 B+ M8, Total length 274.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (1)  
 A: 110.00 B: 26.00 mm





**112005** Starter 12 V, 1.1 kW  
 Replacing: AZE2634, 11.131.137  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 211.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 76.00 B: 52.00 mm



**112053** Starter 12 V, 2.2 kW  
 Replacing: AZE6514, AZE4112, 11.131.477  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 272.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 74.00 B: -6.00 mm



**112119** Starter 24 V, 6.6 kW  
 Replacing: AZK5181, 11.139.022  
 Servicing: Scania  
 B+ M10, B- M10, Total length 406.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 37.00 mm



**112034** Starter 12 V, 1.7 kW  
 Replacing: AZE2636, 11.131.157  
 Servicing: ACME, Arona, BCS, Ferrari,  
 Goldoni, Hatz, Lombardini, Mosa, Ruggerini  
 B+ M8, Total length 233.30, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 27.00 mm



**112071** Starter 12 V, 3.0 kW  
 Replacing: AZF4514, 11.130.841  
 Servicing: Deutz-Fahr  
 B+ M10, Total length 315.80,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 89.00 B: 28.80 mm



**112131** Starter 12 V, 1.4 kW  
 Replacing: AZE2558, 11.130.845  
 Servicing: VW  
 B+ M8, 15a 6.30, Total length 244.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 52.00 mm



**112039** Starter 12 V, 2.7 kW  
 Replacing: AZJ3192, AZJ3123, 11.130.612,  
 11.130.432  
 Servicing: Fendt, Jenbacher Werke, KHD,  
 Lombardini  
 B+ M10, Total length 298.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm



**112074** Starter 12 V, 3.1 kW  
 Replacing: AZJ3201, 11.131.705, 11.130.627  
 Servicing: Ford, New Holland  
 B+ M8, Total length 329.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**112132** Starter 24 V, 4.0 kW  
 Replacing: AZJ3277, 11.130.766  
 Servicing: Volvo BM  
 B+ M10, Total length 339.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0), Oil sealed  
 A: 88.70 B: 47.00 mm



**112041** Starter 12 V, 2.2 kW  
 Replacing: AZJ3177, 11.130.565  
 Servicing: KHD, Various Agriculture Vehicles  
 B+ M10, Total length 293.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 82.50 B: 23.00 mm



**112116** Starter 24 V, 6.6 kW  
 Replacing: AZK5456, 11.139.107  
 Servicing: Volvo  
 B+ M12, B- M12, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 92.00 B: 47.00 mm



**112135** Starter 12 V, 3.1 kW  
 Replacing: AZJ3317, AZJ3243, 11.130.895,  
 11.130.705  
 Servicing: Case  
 B+ M10, Total length 315.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 88.80 B: 22.00 mm



**112136** Starter 12 V, 2.8 kW

Replacing: AZJ3318, 11.130.896

Servicing: Massey Ferguson

B+ M8, Total length 340.50,  
Drive type Steel, Gear type DD,  
Clutch type Dry, Mount. holes 3 (0)

A: 88.75 B: 48.30 mm



**112171** Starter 12 V, 1.1 kW

Manufacturer: Bosch

Replacing: AZE2617, 11.131.002

Servicing: BCS, Bertolini, Ferrari, Goldoni,  
Lombardini, Piaggio, Valpadana

B+ M8, Total length 220.00,  
Drive type Steel, Gear type GR,  
Clutch type Dry, Mount. holes 2 (0)

A: 76.00 B: 28.00 mm



**112173** Starter 12 V, 2.7 kW

Replacing: AZJ3554, 11.130.250

Servicing: Bertolini, BMW, Hatz, VM  
(Stabilimenti Mec)

B+ M10, Total length 342.50,  
Drive type Steel, Gear type DD,  
Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 20.00 mm



**112218** Starter 12 V, 1.0 kW

Replacing: AZE1244, 11.139.449

Servicing: Renault

B+ M8, Total length 168.25,  
Drive type Steel, Gear type GR,  
Clutch type Dry, Mount. holes 3 (3)

B: -1.00 mm



**112249** Starter 12 V, 2.7 kW

Replacing: AZJ3197, AZJ3155, 11.130.620,  
11.130.531

Servicing: Mercedes-Benz, Various  
Agriculture Vehicles

B+ M10, Total length 295.00, Drive type Steel,  
Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 21.50 mm



**112251** Starter 12 V, 2.3 kW

Replacing: AZE4562, AZE4101, 11.139.410,  
11.139.331

Servicing: Ford, LDV

B+ M8, Total length 258.00, Drive type Steel,  
Gear type GR, Mount. holes 3 (0)

A: 91.90 B: 20.50 mm



**112267** Starter 12 V, 2.5 kW

Replacing: AZJ3217, 11.130.665

Servicing: Bobcat, Cummins, Ford

B+ M10, Total length 339.00,  
Drive type Steel, Gear type GR,  
Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 46.50 mm



**112286** Starter 12 V, 1.7 kW

Replacing: AZE2626, AZE2537, 11.131.057,  
11.130.723

Servicing: Audi, Ford, Mercedes-Benz, Seat,  
Skoda, VW

B+ M8, Total length 236.00, Drive type Steel,  
Gear type GR, Mount. holes 3 (0)

A: 76.10 B: 32.00 mm



**112290** Starter 12 V, 2.2 kW

Replacing: AZE4102, 11.139.411

Servicing: Ford, Mazda

B+ M8, Total length 264.00,  
Drive type Steel, Gear type GR,  
Clutch type Dry, Mount. holes 3 (3)

A: 76.00 B: 15.00 mm



**112295** Starter 12 V, 1.7 kW

Replacing: AZE2522, 11.130.646

Servicing: Mitsubishi, Renault, Volvo

B+ M8, Total length 265.00,  
Drive type Steel, Gear type GR,  
Clutch type Dry, Mount. holes 3 (3)

A: 66.00 B: -0.50 mm



**112304** Starter 12 V, 1.4 kW

Replacing: AZE2502, 11.130.417

Servicing: Lada

B+ M8, Total length 242.00, Drive type Steel,  
Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 35.00 mm



**112306** Starter 12 V, 1.1 kW

Replacing: AZE2640, 11.131.178

Servicing: VW

B+ M8, Total length 254.00,  
Drive type Steel, Gear type GR,  
Clutch type Dry, Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 52.00 mm





**112307** Starter 12 V, 1.1 kW  
 Replacing: AZE2147, 11.139.327  
 Servicing: Seat, VW  
 B+ M8, Total length 234.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 4 (2)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 82.50 B: 2.00 mm



**112390** Starter 12 V, 1.0 kW  
 Manufacturer: Mahle Letrika  
 Replacing: AZE1227, 11.131.100  
 Servicing: Lister  
 B+ M8, 15a 4.70, Total length 210.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 3 (0)  
 A: 89.00 B: 27.00 mm



**112446** Starter 24 V, 4.0 kW  
 Replacing: AZF4509, 11.130.730  
 Servicing: MAN  
 B+ M10, Total length 321.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0)  
 Bosch DD HC-CARGO 113468.  
 A: 89.00 B: 27.45 mm



**112320** Starter 12 V, 1.4 kW  
 Replacing: AZE2169, AZE2150, 11.139.401,  
 11.139.334  
 Servicing: Opel, Vauxhall  
 B+ M8, Total length 194.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 A: 77.90 B: 19.50 mm



**112436** Starter 12 V, 2.3 kW  
 Replacing: AZE6513, 11.131.476  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 273.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 81.50 B: 21.50 mm



**112474** Starter 12 V, 1.8 kW  
 Replacing: AZE2188, 11.139.423  
 Servicing: Mitsubishi, Nissan, Opel, Renault,  
 Suzuki, Vauxhall, Volvo  
 B+ M8, Total length 238.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 4 (3)  
 B: -2.00 mm



**112321** Starter 12 V, 1.1 kW  
 Replacing: AZE2186, 11.139.417  
 Servicing: Audi, Skoda, VW  
 B+ M8, Total length 227.55,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 13.50 mm



**112441** Starter 12 V, 2.3 kW  
 Replacing: AZE6526, 11.131.560  
 Servicing: Iveco, Mitsubishi, Multicar, Renault V.I.  
 B+ M8, Total length 258.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 81-84 mm.  
 Alternative no.: 115505   
 A: 82.00 B: 27.00 mm



**112494** Starter 24 V, 4.0 kW  
 Replacing: AZF4515, AZF4198, 11.131.770,  
 11.130.842  
 Servicing: Fendt, Volvo  
 B+ M10, Total length 316.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 28.00 mm



**112379** Starter 12 V, 1.8 kW  
 Replacing: AZE2110, 11.130.996  
 Servicing: Fiat  
 B+ M8, Total length 221.35,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0)  
 NOTE CANNOT replace Bosch 0001109048  
 and 0001108204. The Bosch numbers have a  
 new HC-CARGO reference Cargorep® 114321.  
 A: 77.00 B: 10.00 mm



**112442** Starter 12 V, 3.0 kW  
 Replacing: AZJ3261, 11.130.739  
 Servicing: John Deere  
 B+ M10, Total length 340.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 GR Starter HC-CARGO 115609.  
 A: 89.00 B: 48.00 mm



**112496** Starter 12 V, 2.0 kW  
 Replacing: AZE2141, AZE2105, 11.131.164,  
 11.130.979  
 Servicing: Farymann  
 B+ M8, Total length 269.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (1)  
 A: 82.50 B: 14.50 mm

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**112498** Starter 24 V, 4.0 kW

Replacing: AZF4237, 11.131.846

Servicing: Ginaf, Iveco

 B+ M10, Total length 315.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**112534** Starter 12 V, 2.0 kW

Replacing: AZE2155, 11.131.267

Servicing: JCB, KHD, Perkins

 B+ M8, Total length 239.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)

A: 74.00 B: 18.00 mm


**112545** Starter 12 V, 1.4 kW

Replacing: AZE2117, 11.131.052

Servicing: Lister

 B+ M8, Total length 187.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (2)

A: 89.00 B: 27.00 mm


**112553** Starter 12 V, 1.7 kW

Replacing: AZE2210, 11.139.447

Servicing: Alpina, BMW

 B+ M8, 30h M5, Total length 269.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (2)

A: 76.05 B: 21.50 mm


**112555** Starter 12 V, 3.1 kW

Replacing: AZJ3179, 11.130.567

 Servicing: Bosch, Deutz-Fahr, Fendt, Irmer,  
 Jenbacher Werke, KHD, Kramer, Linde

 B+ M10, Total length 303.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 28.50 mm


**112581** Starter 24 V, 6.2 kW

 Replacing: AZJ3452, AZJ3448, 11.139.165,  
 11.139.163

Servicing: DAF

 B+ M12, Total length 380.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 48.00 mm


**112651** Starter 24 V, 4.8 kW

Manufacturer: Mahle Letrika

 Replacing: AZJ3221, AZJ0602, 11.130.672,  
 11.130.030, 11.130.003

Servicing: Bosch, KHD

 B+ M10, Total length 351.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**112660** Starter 12 V, 2.8 kW

 Replacing: AZJ3364, AZE4217, 11.132.010,  
 11.131.038

Servicing: Case

 B+ M10, Total length 333.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 48.00 mm


**112670** Starter 24 V, 4.0 kW

Replacing: AZJ3351, 11.130.993

 Servicing: DAF, Hanomag, Mercedes-Benz, Perkins  
 B+ M10, Total length 341.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 28.50 mm


**112821** Starter 12 V, 2.2 kW

 Replacing: AZE2226, AZE2189, 11.139.459,  
 11.139.424

Servicing: Ford, Jaguar

 B+ M8, Total length 250.80,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)

Alternative no.: 115870

B: 36.00 mm


**113134** Starter 12 V, 2.2 kW

Replacing: AZE4564, 11.139.333

 Servicing: Opel, Renault, Renault V.I.,  
 Vauxhall

 B+ M8, Total length 272.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)

A: 109.70 B: 27.00 mm


**113181** Starter 12 V, 2.3 kW

 Replacing: AZE6554, AZE6530, AZE6509,  
 AZE4566, 11.131.948, 11.131.600,  
 11.131.458, 11.131.223

Servicing: Bomag, JCB, KHD

 B+ M8, Total length 258.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 23.25 mm



**113182** Starter 12 V, 3.0 kW  
 Replacing: AZF4155, 11.131.604  
 Servicing: New Holland  
 B+ M10, Total length 320.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 110.00 B: 30.00 mm



**113346** Starter 12 V, 0.8 kW  
 Replacing: AZJ3281, 11.130.783  
 Servicing: MG, Rover, VW  
 B+ M8, Total length 210.50, Drive type Steel,  
 Gear type DD/GR, Mount. holes 3 (0)  
 A: 67.00 B: 39.50 mm



**113389** Starter 12 V, 2.2 kW  
 Replacing: AZE4140, 11.139.441  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 272.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.40 B: 25.00 mm



**113276** Starter 12 V, 1.1 kW  
 Replacing: AZD2126, 11.131.903  
 Servicing: Fiat, Mercedes-Benz, Opel, Saab,  
 Vauxhall  
 B+ M8, Total length 200.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 67.90 B: 19.00 mm



**113356** Starter 24 V, 3.5 kW  
 Replacing: AZJ3223, 11.130.676  
 Servicing: Belarus, GAZ, ZIL  
 B+ M10, Total length 235.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 99.90 B: 32.00 mm



**113429** Starter 12 V, 4.2 kW  
 Replacing: AZF4611, AZF4577, 11.131.300,  
 11.131.117  
 Servicing: Case, Cummins  
 B+ M10, B- M12, Total length 317.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**113281** Starter 12 V, 1.1 kW  
 Replacing: AZE2211, 11.139.448  
 Servicing: MG, Rover  
 B+ M8, Total length 231.40,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 75.00 B: 43.00 mm



**113381** Starter 12 V, 2.5 kW  
 Replacing: AZJ3462, AZJ3195, AZJ3145,  
 11.139.456, 11.130.618, 11.130.510  
 Servicing: Farymann, Fiat, Fiat-Allis, Goldoni  
 B+ M10, B- M8, Total length 340.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 109.70 B: 26.00 mm



**113430** Starter 12 V, 1.8 kW  
 Replacing: AZE2111, 11.130.997  
 Servicing: Alfa Romeo, Fiat, Lancia, Suzuki  
 B+ M8, Total length 226.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 81.50 B: 9.50 mm



**113282** Starter 12 V, 1.4 kW  
 Manufacturer: Bosch  
 Replacing: AZE2199, 11.139.431  
 Servicing: Chrysler, Mercedes-Benz  
 B+ M8, Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 60.00 B: 25.80 mm



**113387** Starter 12 V, 2.0 kW  
 Replacing: AZE2625, 11.131.056  
 Servicing: Seat, VW  
 B+ M8, Total length 238.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 76.00 B: 54.00 mm



**113443** Starter 12 V, 1.4 kW  
 Replacing: AZE2534, 11.130.716  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 240.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (3)  
 A: 62.10 B: -5.00 mm

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**113451** Starter 12 V, 2.2 kW  
 Replacing: AZE4142, 11.139.443  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 272.50, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 81.50 B: 23.00 mm



**113459** Starter 12 V, 2.0 kW  
 Replacing: AZE2138, 11.131.136  
 Servicing: Lister  
 B+ M8, Total length 220.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (2)  
 A: 88.80 B: 27.00 mm



**113464** Starter 24 V, 4.0 kW  
 Manufacturer: Mahle Letrika  
 Replacing: AZJ3522, AZJ3222, 11.130.673,  
 11.130.151  
 Servicing: ABG, Irmer, Iveco, KHD  
 B+ M10, Total length 346.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 28.00 mm



**113465** Starter 12 V, 3.0 kW  
 Replacing: AZJ3187, 11.130.596  
 Servicing: Renault V.I.  
 B+ M10, Total length 338.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 88.75 B: 21.50 mm



**113466** Starter 24 V, 4.0 kW  
 Replacing: AZJ3188, AZF4527, AZF4508,  
 11.130.944, 11.130.729, 11.130.598  
 Servicing: Renault V.I.  
 B+ M10, Total length 316.00,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 88.90 B: 22.00 mm



**113467** Starter 12 V, 3.7 kW  
 Replacing: AZJ3196, 11.130.619  
 Servicing: Atlas Copco, Deutz-Fahr, Iveco  
 B+ M10, Total length 368.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 28.00 mm



**113468** Starter 24 V, 4.0 kW  
 Replacing: AZJ3404, AZJ3388, AZJ3374, AZJ3199,  
 11.131.236, 11.131.144, 11.131.085, 11.130.626  
 Servicing: MAN  
 B+ M10, Total length 340.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 Bosch GR HC-CARGO 112446.  
 A: 89.00 B: 27.00 mm



**113478** Starter 12 V, 2.8 kW  
 Manufacturer: Lucas  
 Replacing: AZE4620, AZE4603, AZE4534,  
 11.131.221, 11.131.108, 11.131.063  
 Servicing: Atlas Copco, John Deere  
 B+ M10, 30h M5, Total length 303.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (0),  
 Oil sealed  
 A: 82.50 B: 35.00 mm



**113480** Starter 12 V, 1.2 kW  
 Replacing: AZE2642, 11.131.233  
 Servicing: Ruggerini  
 B+ M8, Total length 220.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.20 B: 28.00 mm



**113481** Starter 12 V, 1.4 kW  
 Replacing: AZE2101, AZD3523, 11.139.422,  
 11.130.957  
 Servicing: Opel, Renault, Suzuki, Vauxhall  
 B+ M8, Total length 231.00, Drive type Steel,  
 Gear type GR, Mount. holes 4 (4)  
 A: 65.90 B: -1.00 mm



**113482** Starter 12 V, 3.0 kW  
 Manufacturer: Mahle Letrika  
 Replacing: AZJ3310, 11.130.881  
 Servicing: Volvo BM  
 B+ M10, Total length 338.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 3 (0)  
 A: 88.75 B: 47.00 mm



**113484** Starter 24 V, 4.0 kW  
 Replacing: AZJ3186, 11.130.595  
 Servicing: Sisu, Valtra  
 B+ M10, Total length 340.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 88.85 B: 47.50 mm





**113532** Starter 12 V, 3.0 kW  
 Replacing: AZJ3284, AZF4582, AZF4559, AZF4510, 11.131.929, 11.131.318, 11.131.167, 11.130.820, 11.130.748  
 Servicing: Renault Agriculture  
 B+ M10, Total length 341.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 A: 82.50 B: 34.00 mm



**113570** Starter 12 V, 4.0 kW  
 Replacing: AZF4513, AZF4190, 11.131.727, 11.131.542, 11.130.836  
 Servicing: Valtra  
 B+ M10, Total length 320.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**113605** Starter 12 V, 1.1 kW  
 Manufacturer: Bosch  
 Replacing: AZD3522, 11.139.421  
 Servicing: Renault, Volvo  
 B+ M8, Total length 216.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)  
 A: 66.00 B: -1.70 mm



**113674** Starter 12 V, 2.0 kW  
 Replacing: AZE2165, 11.131.297  
 Servicing: Opel, Saab, Vauxhall  
 B+ M8, Total length 246.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)  
 A: 82.30 B: 18.50 mm



**113678** Starter 12 V, 2.2 kW  
 Replacing: AZE2668, 11.131.676  
 Servicing: VW  
 B+ M8, Total length 258.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 Alternative no.: 115507   
 A: 76.10 B: 62.00 mm



**113690** Starter 12 V, 1.0 kW  
 Manufacturer: Mahle Letrika  
 Replacing: AZE1230, 11.131.186  
 Servicing: Mini, Yanmar  
 B+ M8, Total length 185.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 66.00 B: 17.00 mm



**113725** Starter 12 V, 2.5 kW  
 Replacing: 11.131.275  
 Servicing: Case  
 B+ M10, Total length 300.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 88.60 B: 49.00 mm



**113843** Starter 12 V, 1.1 kW  
 Replacing: AZD2125, 11.131.902  
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall  
 B+ M8, Total length 199.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)  
 A: 64.00 B: 24.25 mm



**113850** Starter 24 V, 5.4 kW  
 Replacing: AZK5467  
 Servicing: Volvo BM  
 B+ M10, B- M10, Total length 387.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0), Oil sealed  
 Not Insulated return.  
 A: 89.00 B: 48.00 mm



**113900** Starter 12 V, 2.2 kW  
 Replacing: AZE6544, 11.131.750  
 Servicing: John Deere  
 B+ M8, Total length 239.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0)  
 A: 82.50 B: 26.00 mm



**113901** Starter 12 V, 3.0 kW  
 Manufacturer: Mahle Letrika  
 Replacing: AZE4597, AZE4540, AZE4230, AZE4166, 11.132.101, 11.131.728, 11.131.426, 11.131.116  
 Servicing: Valtra  
 B+ M10, Total length 297.50, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**113968** Starter 12 V, 3.6 kW  
 Replacing: AZJ3212, 11.130.659  
 Servicing: New Holland  
 B+ M8, Total length 330.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm

## STARTERS



**113982** Starter 12 V, 2.0 kW  
 Manufacturer: Iskra/Mahle  
 Replacing: AZE2663, AZE2606, 11.131.528, 11.130.923  
 Servicing: Hatz  
 B+ M8, Total length 233.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 40.50 mm



**114117** Starter 12 V, 1.0 kW  
 Manufacturer: Mahle Letrika  
 Replacing: AZE1241, 11.131.530, 11.131.059  
 Servicing: Hatz  
 B+ M8, Total length 202.00,  
 Gear type DD, Mount. holes 0 (0)  
 A: 66.00 B: 16.00 mm



**114264** Starter 12 V, 4.2 kW  
 Replacing: AZF4576, AZF4224, AZF4186, AZF4181, 11.131.848, 11.131.711, 11.131.697, 11.131.292  
 Servicing: JCB  
 B+ M10, B- M8, Total length 349.50,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 21.00 mm



**114002** Starter 12 V, 4.2 kW  
 Replacing: AZF4591, 11.131.352  
 Servicing: Case  
 B+ M10, Total length 316.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 27.00 mm



**114196** Starter 24 V, 4.0 kW  
 Replacing: AZF4295, 11.132.094  
 Servicing: Case, New Holland  
 B+ M10, Total length 317.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 27.60 mm



**114265** Starter 12 V, 2.7 kW  
 Replacing: AZJ3140, 11.130.503  
 Servicing: VM (Stabilimenti Mec)  
 B+ M10, Total length 295.00,  
 Mount. holes 2 (0)  
 A: 82.50 B: 21.50 mm



**114050** Starter 12 V, 4.2 kW  
 Replacing: AZF4535, AZF4135, AZF4122, 11.131.520, 11.131.464, 11.130.999  
 Servicing: Case, New Holland  
 B+ M10, 30h M10, Total length 317.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 27.50 mm



**114220** Starter 24 V, 4.0 kW  
 Replacing: AZF4230, AZF4156, 11.131.863, 11.131.607  
 Servicing: Deutz-Fahr  
 B+ M10, Total length 315.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 25.00 mm



**114266** Starter 24 V, 4.0 kW  
 Replacing: AZJ3256, AZF4298, 11.132.106, 11.130.734  
 Servicing: Agco Power (Sisu Diesel)  
 B+ M10, B- M8, Total length 346.50,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 48.00 mm



**114107** Starter 12 V, 3.2 kW  
 Replacing: AZE4579, AZE4214, 11.131.984, 11.131.315  
 Servicing: Landini, Massey Ferguson, Mc Cormick, Perkins  
 B+ M10, Total length 295.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.88 B: 29.50 mm



**114254** Starter 12 V, 2.7 kW  
 Replacing: AZJ3405, AZJ3247, 11.131.249, 11.130.710  
 Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor  
 B+ 9.70, Total length 237.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 49.40 mm



**114276** Starter 12 V, 1.0 kW  
 Manufacturer: Iskra/Mahle  
 Replacing: 11.131.028  
 Servicing: Hatz  
 B+ M8, Total length 219.00, Gear type GR  
 A: 66.00 B: 17.00 mm



**114320** Starter 12 V, 3.0 kW

Replacing: AZF4229

Servicing: JCB, KHD

B+ M10, Total length 316.00,  
Drive type Steel, Gear type GR,  
Clutch type Dry, Mount. holes 2 (0)

A: 82.50 B: 23.00 mm



**114387** Starter 12 V, 3.2 kW

Manufacturer: Mahle Letrika

Replacing: AZJ3369, AZF4569, AZF4315,  
AZE4219, AZE4207, AZE4199, AZE4172,  
AZE4151, AZAF4569, 11.132.149

Servicing: JCB, Perkins

B+ M8, B- M8, Total length 299.00,  
Gear type DD, Mount. holes 3 (0)  
*Iskra version.*

A: 89.00 B: 28.85 mm



**114388** Starter 12 V, 3.2 kW

Manufacturer: Mahle Letrika

Replacing: AZF4545, AZE4220, AZE4201,  
AZE4197, AZE4175, AZE4173, AZE4170,  
AZE4150, 11.132.036, 11.131.989

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, B- M8, 30h M10,  
Total length 296.50, Gear type GR,  
Mount. holes 3 (0)

*Iskra version.*

A: 89.00 B: 29.50 mm



**114398** Starter 24 V, 4.0 kW

Replacing: AZJ3413, 11.131.353

Servicing: Hatz

B+ M10, Total length 345.00,  
Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm



**114435** Starter 24 V, 7.5 kW

Replacing: AZF4828, 11.132.090

Servicing: Howo, Sino, Steyr

B+ M10, Total length 365.50,  
Drive type Steel, Mount. holes 3 (0)

A: 88.80 B: 47.00 mm



**114447** Starter 12 V, 3.0 kW

Replacing: AZF4539, AZF4511, AZF4115,  
11.131.430, 11.131.027, 11.130.785

Servicing: Case, New Holland

B+ M8, Total length 316.00,  
Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm



**114460** Starter 12 V, 1.4 kW

Replacing: AZE2151, 11.131.232

Servicing: Citroen, Fiat, Hyundai, Lancia,  
Mitsubishi, Peugeot

B+ M8, Total length 216.00,  
Gear type GR, Mount. holes 3 (3)

B: -4.00 mm



**114475** Starter 12 V, 4.0 kW

Manufacturer: Mahle Letrika

Replacing: AZF4310, AZF4231, AZF4178,  
11.132.138, 11.131.864, 11.131.686

Servicing: Fendt

B+ M10, Total length 321.50, Drive type Steel,  
Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm



**114480** Starter 12 V, 4.2 kW

Replacing: AZF4687, 11.131.830

Servicing: Case IH

B+ M12, Total length 327.00, Gear type GR,  
Mount. holes 3 (0), Oil sealed

A: 92.00 B: 48.00 mm



**114676** Starter 12 V, 2.2 kW

Replacing: AZE6556, 11.131.950

Servicing: KHD

B+ M10, Total length 293.00,  
Drive type Steel, Gear type DD,  
Clutch type Dry, Mount. holes 3 (0)

A: 82.50 B: 23.00 mm



**114677** Starter 12 V, 2.0 kW

Manufacturer: Mahle Letrika

Replacing: AZE2662, AZE2605, 11.131.527,  
11.130.922

Servicing: Hatz, Various Agriculture Vehicles,  
Various Industrial applications

B+ M8, Total length 232.00, Drive type Steel,  
Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 40.50 mm



**114702** Starter 24 V, 4.0 kW

Replacing: AZF4554, AZF4199, 11.131.775,  
11.131.150

Servicing: Kamaz

B+ M10, Total length 321.00,  
Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm





**114777** Starter 12 V, 3.0 kW  
 Replacing: IS1067, AZJ3402, 11.131.218  
 Servicing: Mc Cormick  
 B+ M8, B- M8, Total length 241.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**114824** Starter 24 V, 4.0 kW  
 Replacing: AZF4571, AZF4292, 11.132.083,  
 11.131.254  
 Servicing: Various Industrial applications  
 B+ M10, Total length 320.50,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.90 B: 47.00 mm



**114852** Starter 12 V, 4.2 kW  
 Replacing: AZF4269, AZF4248, AZF4208,  
 AZF4206, AZF4196, AZF4164, 11.132.008,  
 11.131.900, 11.131.792  
 Servicing: Various Agriculture Vehicles,  
 Various Industrial applications  
 B+ M10, B- M8, Total length 350.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**114903** Starter 12 V, 4.2 kW  
 Replacing: AZF4562, 11.131.191  
 Servicing: Claas  
 B+ M10, Total length 321.00,  
 Gear type GR, Mount. holes 4 (1)  
 A: 89.00 B: 48.00 mm



**115325** Starter 24 V, 2.5 kW  
 Manufacturer: Mahle Letrika  
 Replacing: AZE2156, 11.131.265  
 Servicing: JCB  
 B+ M8, Total length 233.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 21.00 mm



**115329** Starter 12 V, 1.2 kW  
 Replacing: AZE2649, 11.131.299  
 Servicing: Lamborghini, Lombardini  
 B+ M8, Total length 212.00,  
 Gear type GR, Mount. holes 2 (0)  
 Alternative no.: 113177   
 A: 76.20 B: 16.00 mm



**115355** Starter 24 V, 5.4 kW  
 Manufacturer: Mahle Letrika  
 Replacing: AZF4697, AZF4671, 11.131.870,  
 11.131.688  
 Servicing: Deutz-Fahr, KHD, Various Agriculture  
 Vehicles, Various Industrial applications  
 B+ M10, B- M10, Total length 355.00,  
 Gear type GR, Mount. holes 3 (0),  
 Insulated return  
 A: 89.00 B: 48.00 mm



**115357** Starter 12 V, 4.2 kW  
 Replacing: AZF4228, AZF4116, 11.131.856,  
 11.131.433  
 Servicing: Claas  
 B+ M10, B- M10, Total length 345.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 49.00 mm



**115389** starter 12 V, 4.2 kW  
 Replacing: AZF4275, AZF4260, AZF4258,  
 AZF4204, AZF4202, AZF4129, 11.132.034,  
 11.131.965, 11.131.945  
 Servicing: Perkins, Teksan  
 B+ M10, Total length 327.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.88 B: 29.50 mm



**115391** Starter 12 V, 4.0 kW  
 Replacing: AZF4146, 11.131.573  
 Servicing: Case, JCB, Matbro, New Holland,  
 Various Agriculture Vehicles  
 B+ M8, Total length 327.20,  
 Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 20.50 mm



**115392** Starter 12 V, 4.0 kW  
 Replacing: AZF4147, 11.131.574  
 Servicing: Landini, Massey Ferguson, Various  
 Agriculture Vehicles  
 B+ M10, Total length 325.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 28.50 mm



**115393** Starter 12 V, 4.0 kW  
 Replacing: IS1160, AZF4148, 11.131.575  
 Servicing: Various Agriculture Vehicles,  
 Various Industrial applications  
 B+ M8, Total length 325.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**115397** Starter 12 V, 2.0 kW  
 Replacing: AZE2573, AZE2213, 11.131.674, 11.130.899  
 Servicing: GAZ  
 B+ M8, Total length 245.00,  
 Gear type GR, Mount. holes 2 (2)  
 Alternative no.: 115500   
 A: 82.50 B: 21.00 mm



**115535** Starter 12 V, 3.0 kW  
 Replacing: IS0402, AZJ3555, AZJ3109, 11.130.402, 11.130.251  
 Servicing: Agrifull, VM (Stabilimenti Mec)  
 B+ M10, Total length 342.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.40 B: 21.50 mm



**115721** Starter 12 V, 4.2 kW  
 Replacing: AZF4598, AZF4553, 11.131.382, 11.131.145  
 Servicing: Case, Doosan, John Deere  
 B+ M10, Total length 321.50,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**115423** Starter 12 V, 3.0 kW  
 Replacing: AZJ3552, AZJ3150, AZJ3138, AZJ0102, 11.130.525, 11.130.501, 11.130.248, 11.130.019  
 Servicing: BPM, Goldoni, Lombardini, Ruggerini  
 B+ M10, Total length 330.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm



**115536** Starter 12 V, 2.8 kW  
 Replacing: IS0875, AZJ3306, 11.130.875  
 Servicing: Landini  
 B+ M8, B- M8, Total length 323.50,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.90 B: 28.00 mm



**115870** Starter 12 V, 2.1 kW  
 Manufacturer: VISTEON  
 Replacing: AZE2226, AZE2189, 11.139.459, 11.139.424  
 Servicing: Ford, Jaguar  
 B+ M8, Total length 256.00,  
 Gear type GR, Mount. holes 2 (0)  
 Alternative no.: 112821  
 B: 36.00 mm



**115443** Starter 24 V, 6.5 kW  
 Manufacturer: Mahle Letrika  
 Replacing: AZG4828, AZG4810, AZG4629, 11.132.238, 11.132.014, 11.132.013, 11.131.354  
 Servicing: Jenbacher Werke  
 B+ M12, B- M12, Total length 378.50,  
 Gear type GR, Mount. holes 3 (0),  
 Insulated return  
 A: 92.00 B: 48.00 mm



**115537** Starter 24 V, 2.8 kW  
 Replacing: AZJ3433, AZJ3211, 11.131.479, 11.130.645  
 Servicing: VM (Stabilimenti Mec)  
 B+ M10, Total length 294.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm



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**116040** Starter 24 V, 4.0 kW  
 Replacing: AZJ3213, 11.130.660  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**115472** Starter 12 V, 2.7 kW  
 Replacing: AZJ3386, AZJ3258, 11.131.140, 11.130.736  
 Servicing: Deutz-Fahr  
 B+ M10, Total length 315.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 21.20 mm



**115697** Starter 12 V, 1.8 kW  
 Replacing: AZE2645, 11.131.255  
 Servicing: Ruggerini  
 B+ M8, Total length 238.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.20 B: 28.00 mm



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**116093\*** Starter 12 V, 4.0 kW  
 Replacing: AZF4343, AZF4309, AZF4197, AZF4194, 11.132.256, 11.131.769, 11.131.754, 11.131.620  
 Servicing: Bomag, Deutz-Fahr, Same  
 Gear type GR, Mount. holes 3 (0)



**110352** Starter 12 V, 1.3 kW

Replacing: KAT3KCT22112B, KAT3KCT221126,  
KAT3K35.3708, CT2213708000, CT22112B,  
CT221128, 5722.3708, 4253708

Servicing: Fiat, Lada

B+ M8, Total length 237.00,

Drive type Steel, Gear type DD,

Clutch type Wet, Mount. holes 3 (3)

A: 83.00 B: 22.30 mm



**112304** Starter 12 V, 1.4 kW

Replacing: 5702.3708, 2110-3708010

Servicing: Lada

B+ M8, Total length 242.00,

Drive type Steel, Gear type GR,

Mount. holes 2 (0)

A: 76.20 B: 35.00 mm





**110590** Starter 12 V, 2.8 kW

Replacing: M0014502ME

Servicing: Bobcat, Perkins

B+ M10, Total length 339.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0),  
 Waterproof

Replacing: 22MT, 27MT, 28MT.

A: 88.90 B: 46.00 mm



**111221** Starter 12 V, 2.5 kW

Replacing: 35259580

Servicing: Bobcat, Clark, John Deere

B+ M10, 15a M5, Total length 340.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)

Replacing: 28MT.

A: 82.50 B: 33.00 mm



**112253** Starter 12 V, 2.5 kW

Replacing: 4502ME

Servicing: Ford, Ingersoll Rand

B+ M10, Total length 342.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)

Replacing: 28MT.

A: 88.80 B: 45.00 mm



**110315** Starter 12 V, 0.9 kW  
 Replacing: 61924101  
 Servicing: Dodge, Hyundai, Kia, Mitsubishi, Plymouth, Proton  
 B+ M8, Total length 208.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)  
 A: 77.00 B: 18.40 mm



**110336** Starter 12 V, 0.75 kW  
 Replacing: 25648K, 25648A, 25648, 25357A, 25357, 25335B, 25335A, 25335, 25289J, 25289H, 25289D, 25289A, 25289  
 Servicing: Ford, Mercury, Triumph  
 B+ M8, 15a M5, Total length 224.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 28.00 mm



**110363** Starter 12 V, 0.7 kW  
 Replacing: 25286D, 25286A, 25286, 25257D, 25257A, 25257  
 Servicing: BMW, Porsche, VW  
 B+ M8, Total length 214.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140008.  
 A: 76.00 B: 33.00 mm



**110368** Starter 12 V, 2.3 kW  
 Replacing: 26025016A  
 Servicing: Audi, Mercedes-Benz, Volvo  
 B+ M10, Total length 289.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)  
 A: 82.50 B: 21.00 mm



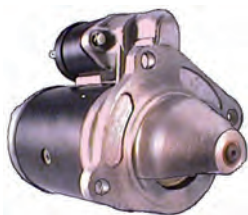
**110421** Starter 12 V, 0.8 kW  
 Replacing: 26925240A  
 Servicing: Daihatsu, Kubota, Suzuki, Toyota, Various Agriculture Vehicles  
 B+ M8, Total length 188.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 66.00 B: 16.00 mm



**110438** Starter 12 V, 2.1 kW  
 Replacing: 27420B, 27420A, 27420, 26925188D, 26925188A, 26288F, 26288E, 26288A, 26288, 26193D, 26193A, 26193  
 Servicing: Case, Payloader  
 B+ M8, Total length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 19.50 mm



**110439** Starter 12 V, 2.0 kW  
 Replacing: NSB509, 27488, 27480, 27474B, 27474A, 27474, 27470B, 27470A, 27470, 27469A, 27469, 27459A, 27459  
 Servicing: Buhner, Compair, Eicher, Massey Ferguson  
 B+ M8, Total length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 25.00 mm



**110440** Starter 12 V, 2.1 kW  
 Replacing: NSB511, NSB409, 27468B, 27468A, 27468, 27446A, 27446, 26925198D, 26925198A, 26321F, 26321D, 26321B  
 Servicing: Land Rover  
 B+ M8, Total length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 91.90 B: 19.00 mm



**110441** Starter 12 V, 2.1 kW  
 Replacing: NSB512, 27460B, 27460A, 27460, 27425B, 27425A, 27425, 26925200A, 25024044A  
 Servicing: Land Rover  
 B+ M8, Total length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm



**110442** Starter 12 V, 2.1 kW  
 Replacing: NSB501, NSB500, 27487, 27485, 27479, 27477, 27473, 27464, 27415D, 27415B, 27415A, 27415, 27411  
 Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro  
 B+ M8, Total length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 88.90 B: 30.00 mm



**110443** Starter 12 V, 2.1 kW  
 Replacing: NSB503, 27486, 27478, 27472, 27467, 27435A, 27435, 27417D, 27417B, 27417A, 27417, 26925194D  
 Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover  
 B+ M8, Total length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110444** Starter 12 V, 2.1 kW  
 Replacing: 27431B, 27431A, 27431, 26400D, 26400B, 26400A, 26400, 26371F, 26371E, 26371D, 26371A, 26371  
 Servicing: LDV  
 B+ M8, Total length 309.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 A: 88.80 B: 23.50 mm



**110461** Starter 12 V, 2.8 kW  
 Replacing: NSB521, 27577A, 27577, 27567, 27531, 27501E, 27501B, 27501A, 27501, 26407, 26388, 26356, 26355  
 Servicing: Ford, Lancer Boss, Various Agriculture Vehicles  
 B+ M8, 30h M5, Total length 272.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**110465** Starter 12 V, 2.8 kW  
 Replacing: NSB535, 27554B, 27554A, 27554, 27511A, 27511, 26431B, 26431A, 26431, 26360, 26342L, 26342B, 26341J  
 Servicing: Ford  
 B+ M8, Total length 309.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 20.00 mm



**110459** Starter 12 V, 2.8 kW  
 Replacing: NSB532, 27545, 27543D, 27543A, 27543, 27443, 26420, 26416E, 26416D, 26416A, 26416, 26349H, 26349D  
 Servicing: Bedford  
 B+ M8, Total length 335.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.50 mm



**110462** Starter 12 V, 2.8 kW  
 Replacing: NSB520, 27614, 27569A, 27569, 27515A, 27500J, 27500A, 27500, 27426, 26925155B, 26925155A, 26925  
 Servicing: Buhner, Ford, Matbro, New Holland  
 B+ M8, Total length 319.45,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 4 KW: HC-CARGO 115391.  
 A: 92.00 B: 20.00 mm



**110518** Starter 24 V, 4.0 kW  
 Replacing: 61924031  
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 342.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110460** Starter 12 V, 2.8 kW  
 Replacing: 27559E, 27559A, 27559, 27537B, 27537A, 27537, 27519D, 27519A, 27519, 27503D, 27503A, 26436B, 26436A  
 Servicing: Atlas Copco, Dronningborg, JCB, Massey Ferguson  
 B+ M8, Total length 307.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110464** Starter 12 V, 2.1 kW  
 Replacing: NSB515, LRS138, 27489, 27476, 27465, 27419D, 27419A, 27419, 26286J, 26286H, 26286F, 26286E, 26286A  
 Servicing: Carbodies, DAF, Lancer Boss, Various Agriculture Vehicles  
 B+ M8, Total length 336.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110523** Starter 24 V, 4.8 kW  
 Replacing: 61924051, 26025117A  
 Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader  
 B+ M10, Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 27.50 mm



**110524** Starter 24 V, 4.0 kW  
 Replacing: 26025136A  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm





**110525** Starter 12 V, 3.0 kW  
 Replacing: 26417  
 Servicing: Claas, Mercedes-Benz  
 B+ M10, Total length 341.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110536** Starter 12 V, 2.7 kW  
 Replacing: 61924050  
 Servicing: ABG, Atlas Copco, Bobcat, Bomag,  
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,  
 Iveco, KHD, Kramer, Mercedes-Benz  
 B+ M10, Total length 234.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 116086   
 A: 89.00 B: 28.00 mm



**110545** Starter 12 V, 3.0 kW  
 Replacing: NSB523, LRS926, 27587B, 27587A,  
 27587, 27512D, 27512A, 27512, 26432,  
 26342K, 26342D, 26342A, 26342  
 Servicing: Balkancar, Chang Feng, Dronningborg,  
 Sampo-Rosenlew, Ursus, Valtra, Zetor  
 B+ M10, Total length 335.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110565** Starter 12 V, 2.8 kW  
 Replacing: NSB540, NSB531, NSB529,  
 54265233, 54243441, 27606, 27599, 27594,  
 27583A, 27583, 27578, 27572B  
 Servicing: Eicher, Massey Ferguson  
 B+ M8, Total length 313.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 4 KW: HC-CARGO 115392.  
 A: 89.00 B: 29.50 mm



**110615** Starter 12 V, 2.8 kW  
 Replacing: NSB524, NSB522, 27628, 27625,  
 27621, 27609, 27607, 27603, 27596, 27592,  
 27588, 27585, 27570B  
 Servicing: Agco Allis, Agco White, Allis Chalmers,  
 Atlas Copco, JCB, Massey Ferguson, Perkins  
 B+ M8, Total length 312.25, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 28.60 mm



**110640** Starter 12 V, 3.0 kW  
 Replacing: 27440B, 27440A, 27440, 26394  
 Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long  
 B+ M10, Total length 310.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 26.00 mm



**110809** Starter 12 V, 2.0 kW  
 Replacing: 61924100  
 Servicing: Dodge, Hyundai, Mitsubishi, Proton  
 B+ M8, Total length 241.45, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 76.90 B: 0.00 mm



**110813** Starter 12 V, 2.7 kW  
 Replacing: S0850, LRS01976, 61924066,  
 61924015, 26390E, 26390B, 26390A, 26390, 26290  
 Servicing: Agrifull, Allis Chalmers, BENFRA,  
 Fiat, Fiat-Allis, Goldoni, Iveco  
 B+ M10, Total length 294.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110814** Starter 12 V, 2.7 kW  
 Replacing: 27401  
 Servicing: Alfa Romeo, BENFRA, Fiat, Iveco,  
 Lancia, Massey Ferguson, Renault  
 B+ M10, Total length 296.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 26.80 mm



**110817** Starter 12 V, 2.1 kW  
 Replacing: 27427E, 27427A, 27427, 27424B,  
 27424A, 27424, 26310H, 26310F, 26310E,  
 26310D, 26310A, 26310, 26285F  
 Servicing: DAF, Various Agriculture Vehicles  
 B+ M8, Total length 315.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.80 B: 25.00 mm



**110818** Starter 12 V, 2.1 kW  
 Replacing: S4523, NSB513, NSB415, 27463D,  
 27463A, 27463, 27423A, 27423, 27413D,  
 27413A, 27413, 26917, 26278  
 Servicing: Case, Fiat-Allis, Massey Ferguson  
 B+ M8, 15a 6.30, Total length 309.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 24.60 mm



**110819** Starter 12 V, 2.8 kW  
 Replacing: S4515, NSB530, 27593A, 27593,  
 27584, 27582, 27580, 27571B, 27571A, 27571,  
 27546B, 27546A, 27546  
 Servicing: Eicher, Massey Ferguson, Perkins  
 B+ M8, Total length 311.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 23.00 mm



**110831** Starter 12 V, 0.8 kW  
 Replacing: NSB103, NSB101, 26657, 26656, 26654, 26649, 25368A, 25368, 25356A, 25356, 25333A, 25333, 25331D  
 Servicing: Ford  
 B+ M8, Total length 258.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 31.00 mm



**110842** Starter 12 V, 1.4 kW  
 Replacing: 26805  
 Servicing: Ford, Merkur  
 B+ M8, Total length 243.30, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 5.35 mm



**110867** Starter 12 V, 1.7 kW  
 Replacing: 26942, 26941, 26935D, 26935, 26914F, 26914A, 26914, 26913  
 Servicing: Ford, Mazda  
 B+ M8, Total length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 14.25 mm



**111030** Starter 12 V, 1.4 kW  
 Replacing: 27002, 26680, 26628  
 Servicing: Ford, Volvo  
 B+ M8, Total length 246.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)  
 A: 76.20 B: 14.00 mm



**111102** Starter 12 V, 0.8 kW  
 Manufacturer: Lucas  
 Replacing: 25345A, 25345, 25238E, 25238A, 25238, 25196F, 25196A, 25196, 25147H, 25147E, 25147D, 25147B, 25147A  
 Servicing: Austin, Lotus, MG, Plymouth, Triumph, Vauxhall  
 B+ M8, Total length 310.80, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 A: 88.85 B: 41.00 mm



**111103** Starter 12 V, 0.8 kW  
 Manufacturer: Lucas  
 Replacing: 25239F, 25239A, 25239, 25201, 25149H, 25149D, 25149B, 25149, 25138J, 25138A, 25138, 25097, 25092D  
 Servicing: Hillman, MG, Morris, Triumph, Various Agriculture Vehicles, Vauxhall  
 B+ M8, Total length 321.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 88.80 B: 60.35 mm



**111118** Starter 12 V, 0.9 kW  
 Replacing: 25339K, 25339J, 25339F, 25339E, 25339D, 25339A, 25339  
 Servicing: Fiat  
 B+ M8, Total length 230.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 67.00 B: 13.00 mm



**111131** Starter 12 V, 0.8 kW  
 Replacing: 27014, 27006, 27005, 26679, 26678, 26601, 26600, 26587  
 Servicing: Austin, Ford, Mazda, Rover  
 B+ M8, Total length 208.75, Drive type Steel, Gear type DD, Mount. holes 3 (3)  
 A: 76.15 B: 13.45 mm



**111254** Starter 24 V, 4.5 kW  
 Replacing: LRS01910  
 Servicing: John Deere  
 B+ M10, Total length 332.25, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 94.85 B: 19.20 mm



**111303** Starter 12 V, 0.8 kW  
 Replacing: 27047, 27043, 27022, 26814D, 26814B, 26814A, 26814, 26667  
 Servicing: Jaguar, Nissan  
 B+ M8, Total length 185.15, Drive type Steel, Gear type DD/GR, Mount. holes 2 (1)  
 A: 69.95 B: 11.15 mm



**111310** Starter 12 V, 0.8 kW  
 Replacing: 26925159E, 26925159B, 26925159A  
 Servicing: Chevrolet, GEO, Pontiac, Suzuki  
 B+ M8, Total length 190.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 75.00 B: 7.80 mm



**111346** Starter 12 V, 2.8 kW  
 Replacing: 27629, 27627B, 27627, 27626, 27620, 27610, 27608, 27602, 27598, 27590, 27589, 27568A, 27568, 27565D  
 Servicing: Massey Ferguson  
 B+ M8, Total length 314.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm





**111385** Starter 12 V, 0.6 kW  
 Manufacturer: Lucas  
 Replacing: 26251048  
 Servicing: Bedford, Suzuki  
 B+ M8, 15a 6.30, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 64.85 B: 27.00 mm



**111573** Starter 12 V, 2.8 kW  
 Replacing: 27526D, 27526A, 27526, 27513A,  
 27513, 26376L, 26376K, 26376A, 26376,  
 26351, 26343K, 26343D, 26343B  
 Servicing: Avia, JCB, TCM, Various  
 Agriculture Vehicles  
 B+ M8, Total length 311.00, Drive type Steel,  
 Gear type DD/GR, Mount. holes 3 (0)  
 A: 101.00 B: 25.50 mm



**111574** Starter 12 V, 2.8 kW  
 Replacing: 27595, 27564F, 27564A, 27564,  
 26025110A  
 Servicing: ERF, LDV International, Various  
 Agriculture Vehicles  
 B+ M8, Total length 340.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.75 B: 47.15 mm



**111608** Starter 12 V, 1.4 kW  
 Replacing: 26845, 26841, 26834, 26813  
 Servicing: Infiniti, Nissan  
 B+ M8, Total length 216.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.25 B: 43.00 mm



**111737** Starter 12 V, 2.8 kW  
 Replacing: 27502D, 27502A, 27502, 26369J,  
 26369H, 26369A, 26369, 26359F, 26359B,  
 26359A, 26359, 26294Q, 26294N  
 Servicing: Atlas Copco, Bedford, Fiat-Allis,  
 Massey Ferguson, Perkins, Sampo-Rosenlew  
 B+ M8, Total length 314.75,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 3 (0)  
 A: 89.00 B: 28.50 mm



**111750** Starter 12 V, 1.4 kW  
 Replacing: 26689  
 Servicing: Ford  
 B+ M8, 15a M5, Total length 208.50,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (3)  
 A: 76.00 B: 13.50 mm



**111865** Starter 12 V, 1.7 kW  
 Replacing: 26801, 26267, 25696L, 25696J,  
 25696H, 25696E, 25696A, 25696, 25681D,  
 25681A, 25681  
 Servicing: Lancia, Land Rover  
 B+ M8, Total length 268.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 73.00 B: 39.00 mm



**112124** Starter 12 V, 0.9 kW  
 Replacing: NSB132  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Total length 206.00, Drive type Steel,  
 Gear type DD/GR, Mount. holes 3 (3)  
 A: 64.10 B: 11.00 mm



**112136** Starter 12 V, 2.8 kW  
 Replacing: 27533E, 27533A, 27533, 26398H,  
 26398F, 26398A, 26398  
 Servicing: Massey Ferguson  
 B+ M8, Total length 340.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 88.75 B: 48.30 mm



**112163** Starter 12 V, 2.0 kW  
 Manufacturer: Lucas  
 Replacing: 26925056  
 Servicing: Mahindra  
 B+ M8, Total length 307.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 20.00 mm



**112164** Starter 12 V, 1.4 kW  
 Manufacturer: Lucas  
 Replacing: 26925121H, 26925121E, 26925121A  
 Servicing: Tata  
 B+ M8, Total length 267.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 66.00 B: -7.70 mm



**112232** Starter 12 V, 2.4 kW  
 Manufacturer: Lucas  
 Replacing: 26925202B  
 Servicing: Mercruiser, OMC, Thermo King,  
 Volvo Penta  
 B+ M10, 15a M5, Total length 320.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 Replacing: 10MT.  
 A: 82.00 B: 46.00 mm





**112277** Starter 12 V, 1.8 kW  
 Replacing: 54292967, 47920166, 47920141, 26920E, 26920A, 26920  
 Servicing: Perkins  
 B+ M8, B- M6, Total length 261.00, Drive type Steel, Gear type GR, Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 30.00 mm



**112390** Starter 12 V, 1.0 kW  
 Manufacturer: Mahle Letrika  
 Replacing: 66925191, 27018, 26631, 25219K, 25219  
 Servicing: Lister  
 B+ M8, 15a 4.70, Total length 210.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0)  
 A: 89.00 B: 27.00 mm



**112660** Starter 12 V, 2.8 kW  
 Replacing: 529965EX, 27604, 27586, 27575, 27556, 27508D, 27508B, 27508A, 27508, 26925262B, 26433, 26428A  
 Servicing: Case  
 B+ M10, Total length 333.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 88.80 B: 48.00 mm



**112670** Starter 24 V, 4.0 kW  
 Replacing: 27315E, 27315B, 27315A, 27315, 27311H, 27311E, 27311A, 27311, 27309E, 27309A, 27309, 27301K  
 Servicing: DAF, Hanomag, Mercedes-Benz, Perkins  
 B+ M10, Total length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 88.80 B: 28.50 mm



**113346** Starter 12 V, 0.8 kW  
 Replacing: 27034, 26694, 26693, 26690, 26660  
 Servicing: MG, Rover, VW  
 B+ M8, Total length 210.50, Drive type Steel, Gear type DD/GR, Mount. holes 3 (0)  
 A: 67.00 B: 39.50 mm



**113380** Starter 12 V, 2.8 kW  
 Replacing: NSB534, 27553D, 27553A, 27553, 27507B, 27507A, 27507, 27504B, 27504A, 27504, 26430D, 26430A, 26430  
 Servicing: Ford  
 B+ M8, B- M8, Total length 322.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
*Terminal 50 is where the wire needs to be soldered.*  
 A: 91.80 B: 20.00 mm



**113381** Starter 12 V, 2.5 kW  
 Replacing: 27430B, 27430A, 27430  
 Servicing: Farymann, Fiat, Fiat-Allis, Goldoni  
 B+ M10, B- M8, Total length 340.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 109.70 B: 26.00 mm



**113478** Starter 12 V, 2.8 kW  
 Manufacturer: Lucas  
 Replacing: 26024033A  
 Servicing: Atlas Copco, John Deere  
 B+ M10, 30h M5, Total length 303.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0), Oil sealed  
 A: 82.50 B: 35.00 mm



**113484** Starter 24 V, 4.0 kW  
 Replacing: 27305  
 Servicing: Sisu, Valtra  
 B+ M10, Total length 340.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 88.85 B: 47.50 mm



**113668** Starter 12 V, 1.2 kW  
 Replacing: S9463  
 Servicing: Clark, Mitsubishi  
 B+ M8, Total length 214.50, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)  
 A: 76.90 B: 18.00 mm



**113670** Starter 12 V, 2.2 kW  
 Manufacturer: Lucas  
 Replacing: 26025115A, 26025115, 26024070A  
 Servicing: Mahindra  
 B+ M8, 15a M5, Total length 284.35, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0)  
 A: 89.00 B: 20.00 mm



**113745** Starter 12 V, 1.4 kW  
 Replacing: 25756A, 25756, 25755A, 25755, 25692J, 25692H, 25692F, 25692A, 25692  
 Servicing: Jaguar  
 B+ M8, 15a M4, Total length 267.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)  
 A: 89.00 B: 26.70 mm



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**113752** Starter 12 V, 1.8 kW

Replacing: 26946, 26945, 26943

Servicing: Fiat

 B+ M8, Total length 265.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (3)

A: 82.00 B: 23.50 mm



8,9


**114123** Starter 12 V, 0.8 kW

Replacing: 063102021010

Servicing: Fiat

 B+ M8, 30h M6, Total length 190.00,  
 Drive type Steel, Gear type DD/GR,  
 Mount. holes 3 (1)

A: 64.00 B: 11.00 mm



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**114650** Starter 12 V, 1.8 kW

 Replacing: 27503, 26358, 26295, 25372A,  
 25372

Servicing: Perkins

 B+ M8, Total length 311.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)

*Not Insulated return.*

A: 88.90 B: 30.00 mm



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**NEW PRODUCT**  
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**114713\*** Starter 12 V, 2.2 kW

 Replacing: 26301, 26215H, 26215F, 26215E,  
 26215A, 26215

Mount. holes 3 (0)



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**114730** Starter 12 V, 2.1 kW

Replacing: 27477A, 27412, 26275

 Servicing: Various Agriculture Vehicles,  
 Various Industrial applications

 B+ M8, B- M8, Total length 317.00,  
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 28.50 mm



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**114821** Starter 12 V, 0.9 kW

Replacing: 26024242A

Servicing: Hyundai, Kia

 B+ M8, Total length 185.00,  
 Gear type DD, Mount. holes 2 (2)

A: 75.00 B: 15.00 mm



10,11


**115572** Starter 12 V, 2.1 kW

Replacing: 27410, 26270

Servicing: Lister

 B+ M8, B- 1/4" UNC, 15a 6.30,  
 Total length 307.00, Gear type DD,  
 Mount. holes 3 (0)

A: 92.00 B: 23.50 mm



**110213** Starter 24 V, 6.6 kW  
 Replacing: 63226391, 63226301  
 Servicing: Fiat, Iveco  
 B+ M12, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 115.00 B: 20.80 mm



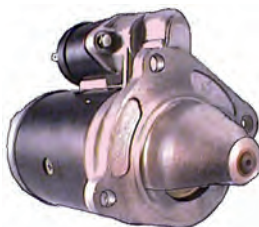
**110396** Starter 12 V, 1.4 kW  
 Replacing: 943254024010  
 Servicing: Toyota  
 B+ M8, Total length 189.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 20.00 mm



**110462** Starter 12 V, 2.8 kW  
 Replacing: 63227569  
 Servicing: Buhrer, Ford, Matbro, New Holland  
 B+ M8, Total length 319.45, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 4 KW: HC-CARGO 115391.  
 A: 92.00 B: 20.00 mm



**110338** Starter 12 V, 0.8 kW  
 Replacing: E84-0.8/12V1, 63220741,  
 63220731, 63220721, 63220701  
 Servicing: Fiat, Lancia, Zastava  
 B+ M8, Total length 254.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (3)  
 A: 66.90 B: 12.00 mm



**110440** Starter 12 V, 2.1 kW  
 Replacing: 63227468  
 Servicing: Land Rover  
 B+ M8, Total length 309.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 91.90 B: 19.00 mm



**110464** Starter 12 V, 2.1 kW  
 Replacing: 63227489  
 Servicing: Carbodyes, DAF, Lancer Boss,  
 Various Agriculture Vehicles  
 B+ M8, Total length 336.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110352** Starter 12 V, 1.3 kW  
 Replacing: E100-1.3/12V8, 63222506, 63222438,  
 63222436, 63222435, 63222408, 63222405  
 Servicing: Fiat, Lada  
 B+ M8, Total length 237.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 3 (3)  
 A: 83.00 B: 22.30 mm



**110442** Starter 12 V, 2.1 kW  
 Replacing: 63227479, 2707130  
 Servicing: Balkancar, Conveyancer, Massey  
 Ferguson, Matbro  
 B+ M8, Total length 309.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 88.90 B: 30.00 mm



**110517** Starter 24 V, 3.2 kW  
 Replacing: MT72AB, MT72AA, MT72A,  
 63217226, 63217225, 63217201, 30281018  
 Servicing: BENFRA, Fiat-Allis, Iveco  
 B+ M10, Total length 295.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110365** Starter 12 V, 0.8 kW  
 Replacing: E84-0.8/12V3, 63221892,  
 63221832, 63220743, 63220733, 63220723,  
 63220713, 63220703, 63220537  
 Servicing: Autobianchi, Fiat, Lancia, Seat  
 B+ M8, Total length 236.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (3)  
 A: 62.00 B: 12.50 mm



**110461** Starter 12 V, 2.8 kW  
 Replacing: 63227501  
 Servicing: Ford, Lancer Boss, Various  
 Agriculture Vehicles  
 B+ M8, 30h M5, Total length 272.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**110518** Starter 24 V, 4.0 kW  
 Replacing: MT67CB, MT67CA, MT67C, 63216741,  
 63216740, 63216703, 30281020, 063216741010  
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 342.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm





**110519** Starter 12 V, 3.0 kW  
 Replacing: MT68BA, MT68B, 63216833, 63216802, 4755112, 4737758  
 Servicing: Iveco, Volvo  
 B+ M10, Total length 340.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110520** Starter 24 V, 4.0 kW  
 Replacing: MT67BA, MT67B, MT43HA, 63216733, 63216702, 63214371, 63214333, 63214308, 30281027, 30281017  
 Servicing: Cummins, Fiat-Allis  
 B+ M10, Total length 343.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.50 mm



**110521** Starter 24 V, 4.0 kW  
 Replacing: MT67DB, MT67DA, MT67D, MT67AD, MT67AC, MT67AB, MT67AA, MT67A, 63224580, 63224170, 63216748  
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 343.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110522** Starter 12 V, 3.0 kW  
 Replacing: MT68LC, MT68LB, MT68LA, MT68L, 63216898, 63216896, 63216873, 4755110, 063216896010  
 Servicing: Fiat, Fiat-Allis, Iveco, New Holland  
 B+ M10, Total length 341.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 26.50 mm



**110524** Starter 24 V, 4.0 kW  
 Replacing: 63206704, 063206704010  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 341.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110529** Starter 12 V, 3.0 kW  
 Replacing: MT68MB, MT68MA, MT68AD, MT68AC, MT68AB, MT68AA, MT68A, MT62BA, M125M3-Z9(3/12), M125-3/12, 63224600  
 Servicing: Agrifull, BENFRA, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 340.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 30.00 mm



**110530** Starter 12 V, 3.0 kW  
 Replacing: MT68PB, MT68PA, MT68P, MT41A, 63217138, 63216884, 63216876, 63216814, 063216884010, 063216876010  
 Servicing: Huerlimann, Lamborghini, Same  
 B+ M10, Total length 342.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 22.00 mm



**110536** Starter 12 V, 2.7 kW  
 Replacing: MT74G, MT68T, 943252071010  
 Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz  
 B+ M10, Total length 234.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 116086   
 A: 89.00 B: 28.00 mm



**110545** Starter 12 V, 3.0 kW  
 Replacing: 63227512  
 Servicing: Balkancar, Chang Feng, Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor  
 B+ M10, Total length 335.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110585** Starter 12 V, 1.2 kW  
 Replacing: 63291405  
 Servicing: Renault, Volvo  
 B+ M8, Total length 214.15, Drive type Steel,  
 Gear type DD, Mount. holes 4 (4)  
 A: 66.00 B: -2.00 mm



**110615** Starter 12 V, 2.8 kW  
 Replacing: 943226366, 63296357, 63227596, 63227588, 63227585, 63227520, 63227518, 63227486, 63227478, 54293284  
 Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins  
 B+ M8, Total length 312.25, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 28.60 mm



**110640** Starter 12 V, 3.0 kW  
 Replacing: MT71Z  
 Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long  
 B+ M10, Total length 310.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 26.00 mm



**110812** Starter 12 V, 2.0 kW  
 Replacing: MT71TA, MT71T, MT71RB, MT71R, MT71E, 63217154, 63217118, 63217116, 63217105, 63216808  
 Servicing: Alfa Romeo, Fiat, Seat  
 B+ M10, Total length 293.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110819** Starter 12 V, 2.8 kW  
 Replacing: 63227488, 63227480, 63227470, 27593A, 27571, 27540, 27522  
 Servicing: Eicher, Massey Ferguson, Perkins  
 B+ M8, Total length 311.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 23.00 mm



**111010** Starter 12 V, 1.4 kW  
 Replacing: 63223434, 50246218  
 Servicing: Audi, VW  
 B+ M8, 15a 6.30, Total length 243.25, Drive type Steel, Gear type GR, Mount. holes 2 (1)  
 A: 82.50 B: 20.80 mm



**110813** Starter 12 V, 2.7 kW  
 Replacing: MT71AC, MT71AB, MT71AA, MT71A, 63522235, 63217126, 63217125, 63217101, 30380319  
 Servicing: Agrifull, Allis Chalmers, BENFRA, Fiat, Fiat-Allis, Goldoni, Iveco  
 B+ M10, Total length 294.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110854** Starter 12 V, 1.4 kW  
 Replacing: 63223531, 63223530, 63223436, 63223431  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Total length 243.35, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 A: 66.25 B: 23.00 mm



**111015** Starter 12 V, 1.1 kW  
 Replacing: 63521070  
 Servicing: Lombardini, Various Agriculture Vehicles  
 B+ M8, Total length 216.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 A: 76.00 B: 15.00 mm



**110814** Starter 12 V, 2.7 kW  
 Replacing: MT71DB, MT71DA, MT71D, 94317148, 63217148, 63217147, 63217104, 30180309  
 Servicing: Alfa Romeo, BENFRA, Fiat, Iveco, Lancia, Massey Ferguson, Renault  
 B+ M10, Total length 296.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 26.80 mm



**110867** Starter 12 V, 1.7 kW  
 Replacing: 63253020, 63226942  
 Servicing: Ford, Mazda  
 B+ M8, Total length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 14.25 mm



**111025** Starter 12 V, 0.8 kW  
 Replacing: 63221890, 63221830, 63221800  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M8, Total length 209.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (2)  
 A: 64.00 B: 11.00 mm



**110818** Starter 12 V, 2.1 kW  
 Replacing: 63227528, 63227413, 63226845  
 Servicing: Case, Fiat-Allis, Massey Ferguson  
 B+ M8, 15a 6.30, Total length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 24.60 mm



**111001** Starter 12 V, 3.0 kW  
 Replacing: MT68RA, MT68R, MT56A, 63216816  
 Servicing: Lamborghini, Same, Steyr  
 B+ M10, Total length 340.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 82.00 B: 21.60 mm



**111058** Starter 12 V, 0.8 kW  
 Replacing: 63221535, 63221335, 63221307, 63221306, 63221305  
 Servicing: Audi, Seat, VW  
 B+ M8, 15a 6.30, Total length 215.50, Drive type Steel, Gear type DD, Mount. holes 3 (2)  
 Bushing D.E. (clutch house): HC-CARGO 140500.  
 A: 82.35 B: 14.75 mm

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**111088** Starter 12 V, 0.8 kW  
 Replacing: 63223304  
 Servicing: Daihatsu, Piaggio  
 B+ M8, Total length 209.80,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 A: 64.60 B: 30.00 mm



**111118** Starter 12 V, 0.9 kW  
 Replacing: 63221530, 63221500  
 Servicing: Fiat  
 B+ M8, Total length 230.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (3)  
 A: 67.00 B: 13.00 mm



**111131** Starter 12 V, 0.8 kW  
 Replacing: 943251688, 63253010, 63227014  
 Servicing: Austin, Ford, Mazda, Rover  
 B+ M8, Total length 208.75,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (3)  
 A: 76.15 B: 13.45 mm



**111217** Starter 12 V, 3.0 kW  
 Replacing: MT38RA, MT38R, MT38M  
 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 386.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**111228** Starter 12 V, 1.1 kW  
 Replacing: E80-1.1/12V, 63223035, 63221637,  
 50246532  
 Servicing: Fiat, Lancia  
 B+ M8, Total length 219.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 64.00 B: 12.40 mm



**111284** Starter 12 V, 2.5 kW  
 Manufacturer: Magneti Marelli  
 Replacing: 63217163, 63217106, 063217163010  
 Servicing: Lamborghini, Sabb, Various  
 Agriculture Vehicles  
 B+ M10, Total length 296.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.00 B: 21.00 mm



**111303** Starter 12 V, 0.8 kW  
 Replacing: 63227051  
 Servicing: Jaguar, Nissan  
 B+ M8, Total length 185.15, Drive type Steel,  
 Gear type DD/GR, Mount. holes 2 (1)  
 A: 69.95 B: 11.15 mm



**111310** Starter 12 V, 0.8 kW  
 Replacing: 63103019  
 Servicing: Chevrolet, GEO, Pontiac, Suzuki  
 B+ M8, Total length 190.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 75.00 B: 7.80 mm



**111346** Starter 12 V, 2.8 kW  
 Replacing: 63227599, 63227598, 63227590,  
 63227568, 63227565, 63227541  
 Servicing: Massey Ferguson  
 B+ M8, Total length 314.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**111347** Starter 12 V, 1.2 kW  
 Replacing: 63111043, 63111023  
 Servicing: Daewoo, Mercedes-Benz,  
 Ssangyong, VW  
 B+ M8, Total length 219.80,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 25.00 mm



**111400** Starter 12 V, 1.4 kW  
 Replacing: 63223433  
 Servicing: BMW  
 B+ M8, 30h M5, Total length 246.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 76.00 B: 22.00 mm



**111420** Starter 12 V, 0.9 kW  
 Replacing: 63222904, 63102003  
 Servicing: Fiat  
 B+ M8, Total length 205.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (1)  
 A: 64.00 B: 10.50 mm





**111421** Starter 12 V, 2.2 kW  
 Manufacturer: Bosch  
 Replacing: 63222138, 63222034  
 Servicing: Citroen, Fiat  
 B+ M8, Total length 272.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 81.75 B: 26.60 mm



**111422** Starter 12 V, 0.8 kW  
 Replacing: 63223200, 63222936, 63222890,  
 63222889, 63222888, 63101002  
 Servicing: Fiat, Lancia  
 B+ M8, Total length 206.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (1)  
 A: 64.00 B: 11.50 mm



**111585** Starter 12 V, 0.8 kW  
 Replacing: 63222908, 63222905, 63222897,  
 63222837, 63222836  
 Servicing: Fiat  
 B+ M8, Total length 206.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (3)  
 A: 61.90 B: 13.00 mm



**111685** Starter 12 V, 1.4 kW  
 Replacing: 63223730, 63111007, 63111005  
 Servicing: Alfa Romeo, Fiat, Lancia  
 B+ M8, Total length 211.80,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 65.90 B: 10.80 mm



**111693** Starter 12 V, 2.5 kW  
 Replacing: MT74L, 63217410  
 Servicing: Fiat, Iveco, Multicar  
 B+ M10, Total length 295.65,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 3 (1)  
 A: 110.00 B: 21.65 mm



**111750** Starter 12 V, 1.4 kW  
 Replacing: 63226689  
 Servicing: Ford  
 B+ M8, 15a M5, Total length 208.50,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (3)  
 A: 76.00 B: 13.50 mm



**111755** Starter 12 V, 3.0 kW  
 Replacing: 63206834, 063206834010  
 Servicing: John Deere  
 B+ M10, Total length 342.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 A: 82.00 B: 34.00 mm



**111865** Starter 12 V, 1.7 kW  
 Replacing: 63226801  
 Servicing: Lancia, Land Rover  
 B+ M8, Total length 268.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 73.00 B: 39.00 mm



**111906** Starter 12 V, 1.1 kW  
 Replacing: 63280010  
 Servicing: Ford, Mazda, Volvo  
 B+ M8, Total length 214.35, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 26.35 mm



**111911** Starter 12 V, 1.4 kW  
 Replacing: 63293537, 63280070, 63223537,  
 63111006  
 Servicing: Bertolini, BMW, Ford, Porsche,  
 Various Agriculture Vehicles  
 B+ M8, 30h M5, Total length 231.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (2)  
 A: 76.00 B: 20.50 mm



**112026** Starter 12 V, 2.6 kW  
 Replacing: 63114014, 063114014010  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 276.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 81.50 B: 23.00 mm



**112034** Starter 12 V, 1.7 kW  
 Replacing: 63221435, 63221405  
 Servicing: ACME, Arona, BCS, Ferrari,  
 Goldoni, Hatz, Lombardini, Mosa, Ruggerini  
 B+ M8, Total length 233.30, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 27.00 mm

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**112039** Starter 12 V, 2.7 kW  
 Replacing: MT71GB, 63217158, 063217158010  
 Servicing: Fendt, Jenbacher Werke, KHD, Lombardini  
 B+ M10, Total length 298.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm



**112124** Starter 12 V, 0.9 kW  
 Replacing: 63223303, 63223101, 63223085, 63223033, 63223031, 63223001, 63222833, 63222831, 63103022, 63103007  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Total length 206.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (3)  
 A: 64.10 B: 11.00 mm



**112136** Starter 12 V, 2.8 kW  
 Replacing: 63227601  
 Servicing: Massey Ferguson  
 B+ M8, Total length 340.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 88.75 B: 48.30 mm



**112235** Starter 12 V, 1.4 kW  
 Replacing: 63280005, 63280001  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 225.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)  
 A: 76.10 B: 13.00 mm



**112249** Starter 12 V, 2.7 kW  
 Replacing: MT74BA  
 Servicing: Mercedes-Benz, Various Agriculture Vehicles  
 B+ M10, Total length 295.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 21.50 mm



**112267** Starter 12 V, 2.5 kW  
 Replacing: 63227564  
 Servicing: Bobcat, Cummins, Ford  
 B+ M10, Total length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm



**112277** Starter 12 V, 1.8 kW  
 Replacing: 63226920  
 Servicing: Perkins  
 B+ M8, B- M6, Total length 261.00, Drive type Steel, Gear type GR, Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 30.00 mm



**112289** Starter 12 V, 0.8 kW  
 Replacing: 63221431, 63221401  
 Servicing: Fiat, Innocenti, Lancia  
 B+ M8, 15a M5, Total length 224.00, Drive type Steel, Gear type DD, Mount. holes 3 (3)  
 A: 64.20 B: 13.00 mm



**112309** Starter 12 V, 1.4 kW  
 Replacing: 63223438  
 Servicing: Audi, VW  
 B+ M8, 15a 6.30, Total length 245.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)  
 A: 76.00 B: 27.00 mm



**112340** Starter 12 V, 1.4 kW  
 Replacing: 63280002  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 226.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 4.00 mm



**112379** Starter 12 V, 1.8 kW  
 Replacing: 63113003, 063113003010  
 Servicing: Fiat  
 B+ M8, Total length 221.35, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)  
 NOTE CANNOT replace Bosch 0001109048 and 0001108204. The Bosch numbers have a new HC-CARGO reference Cargoref<sup>®</sup> 114321.  
 A: 77.00 B: 10.00 mm



**112380**<sup>#</sup> Starter 12 V, 0.8 kW  
 Manufacturer: Magneti Marelli  
 Replacing: 63191007, 63101007  
 Servicing: Smart (MCC)  
 B+ M8, Total length 179.50, Drive type Steel, Gear type DD, Mount. holes 2 (2)  
 Alternative no.: 115951  
 A: 70.00 B: 14.70 mm





**112382** Starter 12 V, 0.8 kW  
 Replacing: 63103024, 63103015, 63102020, 63102018, 63102007, 63101018, 63101015  
 Servicing: Fiat, Lancia  
 B+ M8, Total length 191.00,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 3 (1)  
 A: 64.50 B: 10.50 mm



**112498** Starter 24 V, 4.0 kW  
 Replacing: 63522310  
 Servicing: Ginaf, Iveco  
 B+ M10, Total length 315.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**112821** Starter 12 V, 2.2 kW  
 Replacing: 63187051  
 Servicing: Ford, Jaguar  
 B+ M8, Total length 250.80,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 Alternative no.: 115870   
 B: 36.00 mm



**112390** Starter 12 V, 1.0 kW  
 Manufacturer: Mahle Letrika  
 Replacing: 63226631  
 Servicing: Lister  
 B+ M8, 15a 4.70, Total length 210.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 3 (0)  
 A: 89.00 B: 27.00 mm



**112533** Starter 12 V, 2.2 kW  
 Replacing: 63222035  
 Servicing: BMW, Land Rover, Opel, Vauxhall  
 B+ M8, 30h M5, Total length 271.75,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 76.00 B: 21.00 mm



**113182** Starter 12 V, 3.0 kW  
 Replacing: MSN2039  
 Servicing: New Holland  
 B+ M10, Total length 320.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 110.00 B: 30.00 mm



**112436** Starter 12 V, 2.3 kW  
 Replacing: 943253266010  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 273.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 81.50 B: 21.50 mm



**112537** Starter 12 V, 2.2 kW  
 Replacing: 943251415010, 50246416  
 Servicing: Audi, Fiat, VW  
 B+ M8, Total length 274.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 22.00 mm



**113254** Starter 12 V, 1.4 kW  
 Replacing: 63280091  
 Servicing: Citroen, Ds, Fiat, Peugeot, Toyota  
 B+ M8, Total length 206.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 4 (2)  
 A: 62.00 B: 14.00 mm



**112455** Starter 12 V, 1.4 kW  
 Replacing: 63223432  
 Servicing: Alfa Romeo, Fiat, Lancia, VW  
 B+ M8, 15a 6.30, Total length 241.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 68.00 B: 22.45 mm



**112660** Starter 12 V, 2.8 kW  
 Replacing: 63227508  
 Servicing: Case  
 B+ M10, Total length 333.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 88.80 B: 48.00 mm



**113346** Starter 12 V, 0.8 kW  
 Replacing: 63230001, 63223104, 63223103, 30003A, 30002A, 30001A, 30000A  
 Servicing: MG, Rover, VW  
 B+ M8, Total length 210.50, Drive type Steel,  
 Gear type DD/GR, Mount. holes 3 (0)  
 A: 67.00 B: 39.50 mm





9


**113381** Starter 12 V, 2.5 kW

Replacing: 63217121

Servicing: Farymann, Fiat, Fiat-Allis, Goldoni

 B+ M10, B- M8, Total length 340.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)

A: 109.70 B: 26.00 mm



9,11


**113430** Starter 12 V, 1.8 kW

Replacing: 63113002, 063113002010

Servicing: Alfa Romeo, Fiat, Lancia, Suzuki

 B+ M8, Total length 226.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)

A: 81.50 B: 9.50 mm



9


**113446** Starter 12 V, 2.2 kW

Replacing: 63224017, 63222005, 63114017

Servicing: BMW, Land Rover, Opel, Vauxhall

 B+ M8, 30h M5, Total length 239.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)

Alternative no.: 115506

A: 76.00 B: 20.00 mm



9


**113467** Starter 12 V, 3.7 kW

Replacing: 943252216010

Servicing: Atlas Copco, Deutz-Fahr, Iveco

 B+ M10, Total length 368.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm



10


**113654** Starter 12 V, 3.0 kW

Replacing: 63280040

Servicing: JCB, Perkins

 B+ M8, B- M8, Total length 292.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)

*HC-CARGO 113654 is a Marelli/Denso version,  
 and cannot replace the Iskra version (HC-  
 CARGO 114387).*

A: 89.00 B: 30.50 mm



10


**113655** Starter 12 V, 3.0 kW

Replacing: 63280041

Servicing: Hattat Tarim, JCB, Perkins

 B+ M8, Total length 291.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)

*HC-CARGO 113655 is a Marelli/Denso version,  
 and cannot replace the Iskra version (HC-  
 CARGO 114388).*

A: 89.00 B: 30.50 mm



8


**113659** Starter 12 V, 0.9 kW

Replacing: 63280901

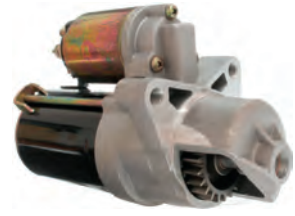
Servicing: Hyundai, Kia

 B+ M8, Total length 186.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (2)

A: 77.00 B: 18.00 mm



21,23


**113701** Starter 12 V, 1.1 kW

Manufacturer: Visteon

Replacing: 63293538, 63223538

Servicing: Ford, Mazda

 B+ M8, Total length 218.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 3 (2)  
*Comstar supply 23 tooth. Real supply 21 tooth.*

A: 71.00 B: 14.00 mm



9


**113719** Starter 12 V, 1.3 kW

Replacing: 63280045

Servicing: Fiat, Lancia, Opel, Vauxhall

 B+ M8, Total length 201.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)

Alternative no.: 115869

A: 63.90 B: 24.00 mm



9


**113750** Starter 12 V, 0.9 kW

Replacing: 63293039, 63223039

Servicing: Seat, VW

 B+ M8, Total length 233.50, Drive type Steel,  
 Gear type DD/GR, Mount. holes 4 (2)  
*Cargo ref 114758 Marelli Version. Cargo ref  
 113750 Bosch Version.*

A: 82.50 B: 2.00 mm



9


**113752** Starter 12 V, 1.8 kW

Replacing: 63112003

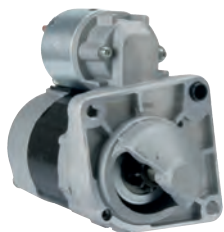
Servicing: Fiat

 B+ M8, Total length 265.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)

A: 82.00 B: 23.50 mm



**113925** Starter 12 V, 1.8 kW  
 Replacing: 63193001, 63113001  
 Servicing: BMW  
 B+ M8, 30h M5, Total length 215.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (2)  
 A: 76.00 B: 21.00 mm



**113962** Starter 12 V, 0.9 kW  
 Replacing: 63280042, 63103031, 63102022,  
 63101021  
 Servicing: Abarth, Alfa Romeo, Fiat, Ford,  
 Lancia  
 B+ M8, Total length 169.60,  
 Gear type DD/GR, Mount. holes 2 (1)  
 A: 64.10 B: 10.00 mm



**114072** Starter 12 V, 2.0 kW  
 Replacing: 63280071  
 Servicing: BMW  
 B+ M8, 30h M5, Total length 232.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 76.00 B: 21.00 mm



**114118** Starter 12 V, 1.4 kW  
 Replacing: 63223435  
 Servicing: BMW  
 B+ M8, 30h M5, Total length 244.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 75.90 B: 23.00 mm



**114123** Starter 12 V, 0.8 kW  
 Replacing: 63102021, 63101023, 63101022,  
 63101008, 63101003  
 Servicing: Fiat  
 B+ M8, 30h M6, Total length 190.00,  
 Drive type Steel, Gear type DD/GR,  
 Mount. holes 3 (1)  
 A: 64.00 B: 11.00 mm



**114265** Starter 12 V, 2.7 kW  
 Replacing: MT71LA, MT71L  
 Servicing: VM (Stabilimenti Mec)  
 B+ M10, Total length 295.00,  
 Mount. holes 2 (0)  
 A: 82.50 B: 21.50 mm



**114730** Starter 12 V, 2.1 kW  
 Replacing: 63227485  
 Servicing: Various Agriculture Vehicles,  
 Various Industrial applications  
 B+ M8, B- M8, Total length 317.00,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 28.50 mm



**114758** Starter 12 V, 0.9 kW  
 Replacing: 63293039, 63223039  
 Servicing: Seat, VW  
 B+ M8, Total length 217.50,  
 Gear type GR, Mount. holes 4 (2)  
 Cargo ref 114758 Marelli Version. Cargo ref  
 113750 Bosch Version.  
 A: 82.50 B: 2.00 mm



**115407** Starter 12 V, 1.4 kW  
 Replacing: 63111001  
 Servicing: Nissan  
 B+ M8, Total length 229.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 43.00 mm



**115423** Starter 12 V, 3.0 kW  
 Replacing: MT74A, MT71HB, 63217433,  
 63217180, 63217173  
 Servicing: BPM, Goldoni, Lombardini, Ruggerini  
 B+ M10, Total length 330.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 21.00 mm



**115869** Starter 12 V, 1.3 kW  
 Manufacturer: Valeo  
 Replacing: 63280045  
 Servicing: Fiat, Lancia, Opel, Vauxhall  
 B+ M8, Total length 201.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 Alternative no.: 113719  
 A: 63.90 B: 24.00 mm



**115951** Starter 12 V, 0.8 kW  
 Replacing: 63191007, 63101007  
 Servicing: Smart (MCC)  
 B+ M8, Total length 172.00,  
 Gear type DD, Mount. holes 2 (2)  
 Alternative no.: 112380   
 A: 70.00 B: 15.00 mm


**110205** Starter 24 V, 6.5 kW

Replacing: 9125100

Servicing: Volvo

B+ M10, Total length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof

A: 89.00 B: 47.50 mm


**110206** Starter 24 V, 5.4 kW

Replacing: 9125330, 9125260, 9125220

Servicing: Claas, Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Setra

B+ M12, B- M10, Total length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


**110207** Starter 24 V, 5.4 kW

Replacing: 9125240

Servicing: Volvo, Volvo BM

B+ M10, B- M10, Total length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110208** Starter 24 V, 5.4 kW

Replacing: 9125250

Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo B+ M10, B- M10, Total length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed, Waterproof

A: 89.00 B: 48.50 mm


**110209** Starter 24 V, 5.4 kW

Replacing: 9125420

Servicing: DAF

B+ M12, B- M10, Total length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


**110210** Starter 24 V, 6.6 kW

Replacing: 9125010

Servicing: Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong

B+ M12, B- M10, Total length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 48.50 mm


**110212** Starter 24 V, 6.6 kW

Replacing: 9125460, 9125130

Servicing: Iveco, Scania

B+ M10, B- M10, Total length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.65 mm


**110213** Starter 24 V, 6.6 kW

Replacing: 9125020

Servicing: Fiat, Iveco

B+ M12, B- M10, Total length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 115.00 B: 20.80 mm


**110214** Starter 24 V, 6.6 kW

Replacing: 9125120

Servicing: Scania

B+ M10, B- M10, Total length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return

A: 92.00 B: 37.00 mm


**110338** Starter 12 V, 0.8 kW

Replacing: 9141325

Servicing: Fiat, Lancia, Zastava

B+ M8, Total length 254.00, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 66.90 B: 12.00 mm


**110352** Starter 12 V, 1.3 kW

Replacing: 9141382

Servicing: Fiat, Lada

B+ M8, Total length 237.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (3)

A: 83.00 B: 22.30 mm


**110442** Starter 12 V, 2.1 kW

Replacing: 9142804

Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro

B+ M8, Total length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.90 B: 30.00 mm





**110461** Starter 12 V, 2.8 kW  
 Replacing: 9142860, 9142724  
 Servicing: Ford, Lancer Boss, Various Agriculture Vehicles  
 B+ M8, 30h M5, Total length 272.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**110518** Starter 24 V, 4.0 kW  
 Replacing: 9124330  
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 342.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110522** Starter 12 V, 3.0 kW  
 Replacing: 443115144723  
 Servicing: Fiat, Fiat-Allis, Iveco, New Holland  
 B+ M10, Total length 341.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 110.00 B: 26.50 mm



**110462** Starter 12 V, 2.8 kW  
 Replacing: 9144965, 9142765  
 Servicing: Buhner, Ford, Matbro, New Holland  
 B+ M8, Total length 319.45, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 4 KW: HC-CARGO 115391.  
 A: 92.00 B: 20.00 mm



**110519** Starter 12 V, 3.0 kW  
 Replacing: 9142744  
 Servicing: Iveco, Volvo  
 B+ M10, Total length 340.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110523** Starter 24 V, 4.8 kW  
 Replacing: 9174602, 9124310, 443115174602  
 Servicing: ABG, Ahlmann, Case, Compair,  
 Iveco, KHD, Payloader  
 B+ M10, Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 27.50 mm



**110464** Starter 12 V, 2.1 kW  
 Replacing: 91428729  
 Servicing: Carbodyes, DAF, Lancer Boss,  
 Various Agriculture Vehicles  
 B+ M8, Total length 336.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 29.50 mm



**110520** Starter 24 V, 4.0 kW  
 Replacing: 443115174622  
 Servicing: Cummins, Fiat-Allis  
 B+ M10, Total length 343.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.50 mm



**110524** Starter 24 V, 4.0 kW  
 Replacing: 9124350  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110517** Starter 24 V, 3.2 kW  
 Replacing: 9124320  
 Servicing: BENFRA, Fiat-Allis, Iveco  
 B+ M10, Total length 295.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110521** Starter 24 V, 4.0 kW  
 Replacing: 9142320  
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 343.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110525** Starter 12 V, 3.0 kW  
 Replacing: 9142746, 443115144726  
 Servicing: Claas, Mercedes-Benz  
 B+ M10, Total length 341.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm

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**110529** Starter 12 V, 3.0 kW  
 Replacing: 9144744  
 Servicing: Agrifull, BENFRA, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 30.00 mm



**110530** Starter 12 V, 3.0 kW  
 Replacing: 9144821, 9144743, 9142880, 443115144743  
 Servicing: Huerlimann, Lamborghini, Same  
 B+ M10, Total length 342.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 22.00 mm



**110532** Starter 24 V, 6.6 kW  
 Replacing: 9125030  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof  
 A: 115.00 B: 21.00 mm



**110534** Starter 24 V, 5.4 kW  
 Replacing: 9125370  
 Servicing: Ford, Iveco, Various Agriculture Vehicles  
 B+ M10, Total length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110535** Starter 24 V, 5.4 kW  
 Replacing: 9125400  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110536** Starter 12 V, 2.7 kW  
 Replacing: 9142803, 9142802  
 Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz  
 B+ M10, Total length 234.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 116086   
 A: 89.00 B: 28.00 mm



**110545** Starter 12 V, 3.0 kW  
 Replacing: 91455722, 9144722, 9142741, 443115144729, 443115144620, 443115144420, 44311514442  
 Servicing: Balkancar, Chang Feng, Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor  
 B+ M10, Total length 335.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110551** Starter 12 V, 3.0 kW  
 Replacing: 9144742, 443115144742, 443115144640, 443115144540  
 Servicing: Lamborghini, Same, Ursus, Zetor  
 B+ M10, Total length 326.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110582** Starter 24 V, 5.4 kW  
 Replacing: 9125480, 9125270  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**110587** Starter 12 V, 1.2 kW  
 Replacing: 9141400  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 208.20, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (3)  
 A: 66.00 B: -4.00 mm



**110601** Starter 24 V, 5.4 kW  
 Replacing: 9125290, 9124340  
 Servicing: Mercedes-Benz, Steyr  
 B+ M10, Total length 386.25, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 88.85 B: 47.50 mm



**110615** Starter 12 V, 2.8 kW  
 Replacing: 9142728, 9142720  
 Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins  
 B+ M8, Total length 312.25, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 28.60 mm





**110813** Starter 12 V, 2.7 kW  
 Replacing: 9144745  
 Servicing: Agrifull, Allis Chalmers, BENFRA, Fiat, Fiat-Allis, Goldoni, Iveco  
 B+ M10, Total length 294.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110980** Starter 24 V, 5.4 kW  
 Replacing: 9125500  
 Servicing: Volvo  
 B+ M10, B- M10, Total length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**111060** Starter 12 V, 1.7 kW  
 Replacing: 9141393  
 Servicing: VW  
 B+ M8, Total length 264.35, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 31.80 mm



**110818** Starter 12 V, 2.1 kW  
 Replacing: 9142764  
 Servicing: Case, Fiat-Allis, Massey Ferguson  
 B+ M8, 15a 6.30, Total length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 24.60 mm



**111001** Starter 12 V, 3.0 kW  
 Replacing: 9144820  
 Servicing: Lamborghini, Same, Steyr  
 B+ M10, Total length 340.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 82.00 B: 21.60 mm



**111070** Starter 12 V, 1.7 kW  
 Replacing: 9141404  
 Servicing: Citroen, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot  
 B+ M8, Total length 230.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 66.00 B: -6.50 mm



**110867** Starter 12 V, 1.7 kW  
 Replacing: 9141384  
 Servicing: Ford, Mazda  
 B+ M8, Total length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 14.25 mm



**111041** Starter 12 V, 2.8 kW  
 Replacing: 9142740, 443115142740  
 Servicing: Fiat-Allis, Hyster, Perkins  
 B+ M10, Total length 338.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 22MT, 27MT, 28MT.  
 A: 88.85 B: 46.25 mm



**111214** Starter 12 V, 1.0 kW  
 Replacing: 9141430, 9141310, 443115142350, 443115141311, 443115141310  
 Servicing: Skoda, VW  
 B+ M8, Total length 194.75, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 26.45 mm



**110932** Starter 24 V, 5.4 kW  
 Replacing: 9125430  
 Servicing: DAF  
 B+ M10, B- M10, Total length 384.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return  
 A: 88.85 B: 47.00 mm



**111059** Starter 12 V, 0.9 kW  
 Replacing: 9141391  
 Servicing: Seat, VW  
 B+ M8, 15a 6.30, Total length 230.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140008.  
 A: 76.00 B: 33.00 mm



**111218** Starter 24 V, 5.4 kW  
 Replacing: 9125350  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 388.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 48.00 mm

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**111219** Starter 24 V, 6.6 kW  
 Replacing: 9125490  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 47.40 mm



**111231** Starter 24 V, 6.6 kW  
 Replacing: 9125150  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 405.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 40.25 mm



**111241** Starter 12 V, 1.2 kW  
 Replacing: 9141350  
 Servicing: Dodge, Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 207.80,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (2)  
 A: 73.00 B: 17.00 mm



**111332** Starter 12 V, 2.7 kW  
 Replacing: 9142801, 9142701, 443115142801,  
 443115142701  
 Servicing: Fendt, Renault Agriculture  
 B+ M8, Total length 293.55,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 21.00 mm



**111619** Starter 12 V, 1.7 kW  
 Replacing: 9141385  
 Servicing: Fiat, Seat  
 B+ M8, Total length 263.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 82.50 B: 24.00 mm



**111693** Starter 12 V, 2.5 kW  
 Replacing: 9142840  
 Servicing: Fiat, Iveco, Multicar  
 B+ M10, Total length 295.65,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 3 (1)  
 A: 110.00 B: 21.65 mm



**111748** Starter 12 V, 1.1 kW  
 Replacing: 9141394  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 223.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 33.00 mm



**111749** Starter 12 V, 1.1 kW  
 Replacing: 9141413  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 245.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 52.00 mm



**111752** Starter 12 V, 2.7 kW  
 Replacing: 9142805, 9142749  
 Servicing: Case, Payloader  
 B+ M10, Total length 342.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**111755** Starter 12 V, 3.0 kW  
 Replacing: 9142700  
 Servicing: John Deere  
 B+ M10, Total length 342.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 82.00 B: 34.00 mm



**111855** Starter 12 V, 2.2 kW  
 Replacing: 9142900, 9142726, 443115142726  
 Servicing: KHD, Various Agriculture Vehicles  
 B+ M8, Total length 267.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 82.50 B: 23.00 mm



**111909** Starter 12 V, 1.1 kW  
 Replacing: 915111A, 443115141394,  
 443115141313  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 212.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 Alternative no.: 115504   
 A: 76.25 B: 32.00 mm



**112005** Starter 12 V, 1.1 kW  
 Replacing: 915111D  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 211.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 76.00 B: 52.00 mm



**112074** Starter 12 V, 3.1 kW  
 Replacing: 9142766  
 Servicing: Ford, New Holland  
 B+ M8, Total length 329.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**112119** Starter 24 V, 6.6 kW  
 Replacing: 9125110  
 Servicing: Scania  
 B+ M10, B- M10, Total length 406.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 37.00 mm



**112131** Starter 12 V, 1.4 kW  
 Replacing: 9141410  
 Servicing: VW  
 B+ M8, 15a 6.30, Total length 244.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 52.00 mm



**112167** Starter 12 V, 1.8 kW  
 Replacing: 9141319  
 Servicing: VW  
 B+ M8, Total length 236.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 52.00 mm



**112286** Starter 12 V, 1.7 kW  
 Replacing: 915109E, 9141396, 9141395,  
 443115141395  
 Servicing: Audi, Ford, Mercedes-Benz, Seat,  
 Skoda, VW  
 B+ M8, Total length 236.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.10 B: 32.00 mm



**112306** Starter 12 V, 1.1 kW  
 Replacing: 9141390  
 Servicing: VW  
 B+ M8, Total length 254.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 Bushing D.E. (clutch house): HC-CARGO 140018.  
 A: 76.00 B: 52.00 mm



**112388** Starter 12 V, 1.0 kW  
 Replacing: 9141331, 443115141338, 443115141331  
 Servicing: Skoda  
 B+ M8, Total length 199.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (1)  
 A: 50.00 B: 21.00 mm



**112429** Starter 12 V, 2.0 kW  
 Replacing: 915109D  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 259.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 62.00 mm



**112442** Starter 12 V, 3.0 kW  
 Replacing: 9142745  
 Servicing: John Deere  
 B+ M10, Total length 340.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 GR Starter HC-CARGO 115609.  
 A: 89.00 B: 48.00 mm



**112488** Starter 12 V, 2.7 kW  
 Replacing: 9142780, 443115142780  
 Servicing: Belarus  
 B+ M10, Total length 238.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0)  
 A: 100.00 B: 32.00 mm



**112822** Starter 24 V, 4.5 kW  
 Replacing: 9122110  
 Servicing: Iveco  
 B+ M10, Total length 293.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0)  
 Alternative no.: 115880   
 A: 89.00 B: 49.00 mm

## STARTERS



**113269** 5★ Starter 12 V, 3.0 kW

Manufacturer: Magneton

Replacing: 9144702, 9142709, 9142702, 446115144702, 444115144702, 443115144702, 443115142709, 443115142702

Servicing: Atlas Copco, Barber Greene, Benford, Case, Daewoo, Matbro, Perkins, Thwaites

B+ M10, Total length 234.50, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 31.50 mm



**113356** Starter 24 V, 3.5 kW

Replacing: 9172780, 9172702

Servicing: Belarus, GAZ, ZIL

B+ M10, Total length 235.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 99.90 B: 32.00 mm



**113677** Starter 12 V, 1.1 kW

Replacing: 443115141319

Servicing: VW

B+ M8, Total length 213.15, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 76.00 B: 52.50 mm



**113727** Starter 12 V, 2.7 kW

Replacing: 9162901

Servicing: Bobcat

B+ M10, 15a M5, Total length 286.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.50 B: 46.50 mm



**114034** Starter 12 V, 1.0 kW

Replacing: 9999984, 915101A

Servicing: Audi, Seat, Skoda, VW

B+ M8, Total length 194.00, Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 52.50 mm



**114107** Starter 12 V, 3.2 kW

Replacing: 9162904

Servicing: Landini, Massey Ferguson, Mc Cormick, Perkins

B+ M10, Total length 295.00, Gear type GR, Mount. holes 3 (0)

A: 88.88 B: 29.50 mm



**114254** Starter 12 V, 2.7 kW

Replacing: 9142722, 443115144722

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ 9.70, Total length 237.00, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 49.40 mm



**114388** 5★ Starter 12 V, 3.2 kW

Manufacturer: Mahle Letrika

Replacing: 9142903

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, B- M8, 30h M10, Total length 296.50, Gear type GR, Mount. holes 3 (0) *Iskra version.*

A: 89.00 B: 29.50 mm



**115880** 5★ Starter 24 V, 4.5 kW

Manufacturer: Denso

Replacing: 9122110

Servicing: Iveco

B+ M8, B- M8, Total length 301.00, Gear type GR, Mount. holes 3 (0)

Alternative no.: 112822

A: 89.00 B: 49.00 mm



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**116086** 5★ Starter 12 V, 2.7 kW

Manufacturer: Magneton

Replacing: 9142802

Servicing: Case, Claas, Deutz-Fahr, Fendt, Payloader

Mount. holes 3 (0)

Alternative no.: 110536, 116138,





**110312** Starter 12 V, 1.0 kW  
 Replacing: SM442-10, SM422-07, SM402-21N, SM402-17N, SM402-17, SM302-25, SM302-15, SM302-12, SM302-10  
 Servicing: Honda, Rover  
 B+ M8, Total length 178.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 32.40 mm



**111922** Starter 12 V  
 Replacing: SM10230, LT80-CS90  
 Servicing: Suzuki  
 B+ 6.30, Total length 152.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 46.00 B: 17.00 mm



**112010** Starter 12 V  
 Replacing: 3240-110  
 Servicing: Kawasaki, Polaris, Sea Doo  
 B+ M6, Total length 188.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 30.00 mm



**111442** Starter 12 V, 1.4 kW  
 Replacing: SM402-02, SM302-48, SM302-46, SM302-40, SM302-24, SM302-16, SM302-04  
 Servicing: Acura, Honda, Rover  
 B+ M8, Total length 211.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)  
 A: 75.00 B: 33.50 mm



**111923** Starter 12 V, 0.6 kW  
 Replacing: SM13232  
 Servicing: Honda  
 B+ M6, Total length 193.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 30.00 B: 36.00 mm



**112011** Starter 12 V, 0.6 kW  
 Replacing: 63M818-00  
 Servicing: Yamaha  
 B+ M6, Total length 182.20, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 30.00 B: 41.00 mm



**111917** Starter 12 V  
 Replacing: SM13237  
 Servicing: Yamaha  
 B+ M6, Total length 168.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 30.00 B: 41.00 mm



**111926** Starter 12 V, 0.6 kW  
 Replacing: SM13422  
 Servicing: Honda  
 B+ M6, Total length 193.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
*OBS Please control rotational direction. This starter has clockrotation. Starter 111921 is anticlockwise.*  
 A: 30.00 B: 35.50 mm



**112214** Starter 12 V, 1.6 kW  
 Replacing: SM44223, SM442-23, SM422-27, SM422-16, SM422-14, SM402-05N, SM402-05, SM402-04N, SM402-04  
 Servicing: Honda, Rover  
 B+ M8, Total length 210.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 40.00 mm



**111921** Starter 12 V, 0.6 kW  
 Replacing: SM13213  
 Servicing: Honda  
 B+ M6, Total length 193.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
*OBS Please control rotational direction. This starter is anticlockwise.*  
 A: 30.00 B: 36.00 mm



**111927** Starter 12 V, 0.6 kW  
 Replacing: SM13475  
 Servicing: Honda  
 B+ M6, Total length 145.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 29.90 B: 41.00 mm



**113024** Starter 12 V, 1.6 kW  
 Replacing: SM402-15N, SM402-15, SM402-03N, SM402-03  
 Servicing: Honda  
 B+ M8, Total length 211.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 33.00 mm

## STARTERS



**113392** Starter 12 V, 1.6 kW  
 Replacing: SM442-29, SM442-01  
 Servicing: Acura, Honda  
 B+ M8, Total length 210.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.90 B: 33.00 mm



**113398** Starter 12 V, 1.6 kW  
 Replacing: SM442-02, SM422-02  
 Servicing: Acura, Honda, Isuzu  
 B+ M8, Total length 208.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.90 B: 32.50 mm



**113409** Starter 12 V, 1.6 kW  
 Replacing: SM422-28  
 Servicing: Honda  
 B+ M8, Total length 209.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 74.90 B: 32.50 mm



**113527** Starter 12 V, 0.6 kW  
 Replacing: SM13298  
 Servicing: Polaris, Various Industrial  
 applications  
 B+ M6, Total length 149.85,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (3)  
 Drive: HC-CARGO 230762.  
 A: 61.00 mm



**113528** Starter 12 V  
 Replacing: 3084981  
 Servicing: Polaris  
 B+ M6, Total length 159.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 30.00 B: 40.00 mm



**113538** Starter 12 V, 0.6 kW  
 Replacing: SM224  
 Servicing: Honda  
 B+ M6, Total length 188.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 46.00 B: 47.00 mm



**113540** Starter 12 V  
 Replacing: SM2241  
 Servicing: Yamaha  
 B+ M6, Total length 208.00,  
 Gear type DD, Mount. holes 2 (0)  
 Short shaft.



**113541** Starter 12 V  
 Replacing: SM13277  
 Servicing: Yamaha  
 B+ M6, Total length 254.90,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (0)  
 Long shaft.  
 A: 48.00 mm



**113546** Starter 12 V  
 Replacing: SM7255  
 Servicing: Yamaha  
 B+ M6, Total length 176.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 30.00 mm



**113547** Starter 12 V  
 Replacing: SMU0064  
 Servicing: Yamaha  
 B+ M5S, Total length 175.20,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (2)



**113671** Starter 12 V  
 Replacing: SM11  
 Servicing: Honda, Various Industrial  
 applications  
 B+ M6, Total length 164.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)



**113821** Starter 12 V, 1.6 kW  
 Replacing: SM710-05, SM710-02, SM612-09  
 Servicing: Acura, Honda  
 B+ M8, Total length 210.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 75.00 B: 33.00 mm



**114137** Starter 12 V, 1.2 kW

Replacing: SM710-01

Servicing: Honda

B+ M8, Total length 215.00,  
Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 34.00 mm



**114715** Starter 12 V, 0.6 kW

Replacing: SM13449

Servicing: Honda

B+ M6, Total length 196.00,  
Gear type PMDD, Mount. holes 2 (0)

A: 30.00 B: 37.00 mm



**115993** Starter 12 V, 1.4 kW

Replacing: SM442-16

Servicing: Honda

B+ M8, Total length 207.00,  
Gear type GR, Mount. holes 2 (0)

A: 62.00 B: 30.00 mm




**110142** Starter 12 V, 1.0 kW

Replacing: MWV4R, MWV3R, MCA02-2, MCA02-0, M2T42981, M2T20181D, M2T20181A, M2T20181, M2T10171, M002T42981

Servicing: Nissan

B+ M8, Total length 216.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 11.40 mm


**110144** Starter 12 V, 1.0 kW

Replacing: MQJR, MQJ2R, MQJ1R, MES07-1, MEA07-11, MEA07-1, MEA07-0, M3T20681, M3T10672, M003T20681, M003T10672

Servicing: Nissan, TCM

B+ M8, Total length 194.30, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 82.25 B: 8.00 mm


**110149** Starter 12 V, 0.9 kW

Replacing: ME110JA, M3T49585, M3T39385, M3T33588, M3T33587, M3T33586A, M3T33586, M3T33582A, M3T33582, M3T33581

Servicing: Mazda, Mercury

B+ M8, Total length 198.00, Drive type Steel, Gear type DD, Mount. holes 3 (2)

A: 74.00 B: 15.00 mm


**110155** Starter 12 V, 1.0 kW

Replacing: MXYR, MEY3R, MEY1R, MED02-2, MED02-1, MEA13-2, MEA13-1, ME-Y1R, M3T11272, M003T11272

Servicing: Komatsu, Nissan, TCM

B+ M8, Total length 191.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 83.00 B: 7.50 mm


**110157** Starter 12 V, 1.0 kW

Replacing: MED03-4, MED03-3, MED03-2, MED03-1, MED02-0, MEA24-1, MEA03-4, MEA03-2, MEA03-1, MEA03-0, MD034212

Servicing: Dodge, Hyundai, Mitsubishi, Plymouth

B+ M8, Total length 191.50, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 77.00 B: 17.50 mm


**110158** Starter 12 V, 1.2 kW

Replacing: PW501783, MD316001, MD180238, MD162836, MD161437, MD081568, MD081567, MD034121, MD034120, MD021685

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth, Proton

B+ M8, Total length 233.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)

A: 77.00 B: 18.00 mm


**110182** Starter 12 V, 0.9 kW

Replacing: M3T10476D, M3T10476, M3T10475, M3T10473, M0T92581, M0T84381A, M0T84381, M003T10476D, M003T10476

Servicing: Mitsubishi, Various Agriculture Vehicles, Yale

B+ M8, Total length 196.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm


**110256** Starter 12 V, 0.8 kW

Replacing: M3T41181, M3T38682, M3T25181, M3T21882, M3T21881, M3T21781, M3T21282, M3T21281, M003T41181

Servicing: Komatsu, Nissan, TCM

B+ M8, Total length 192.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 7.50 mm


**110277** Starter 12 V, 0.8 kW

Replacing: MED04-2, MEC04-2, MEC01-2, MEC01-1, MEC01-0, MEA95-0, M3T41681, M3T38481, M3T29482, M3T29481

Servicing: Nissan

B+ M8, Total length 190.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.35 B: 6.80 mm


**110278** Starter 12 V, 0.8 kW

Replacing: M3T42281, M3T41381, M3T27688, M3T27686N, M3T27686H, M3T27686D, M3T27686, M3T27685, M3T27681

Servicing: Nissan

B+ M8, Total length 192.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 82.00 B: 3.00 mm


**110279** Starter 12 V, 0.8 kW

Replacing: M3T37782, M3T37081, M3T27781D, M3T27781, M2T49282, M2T49281, M2T37081, M2T27781, M2T23181

Servicing: Nissan

B+ M8, Total length 227.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 42.00 mm



**110280** Starter 12 V, 1.2 kW  
 Replacing: M2T52082, M2T52081, M2T52071, M2T50181, M2T50171, M002T52082, M002T52081, M002T52071, M002T50181  
 Servicing: Nissan  
 B+ M8, Total length 214.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 82.45 B: 7.20 mm



**110292** Starter 12 V, 1.1 kW  
 Replacing: MM115517, MM115514, MM115513, MD189054, MD115514, M3T42881, M3T32681, M3T25981, M3T24917, M3T22681  
 Servicing: Mitsubishi  
 B+ M8, Total length 206.80, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 77.00 B: 19.00 mm



**110315** Starter 12 V, 0.9 kW  
 Replacing: MD162837, MD107615, MD100431, MD066761, MD027401, MD027400, MD021674, MD016921, M4T14772, M3T41285  
 Servicing: Dodge, Hyundai, Kia, Mitsubishi, Plymouth, Proton  
 B+ M8, Total length 208.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)  
 A: 77.00 B: 18.40 mm



**110386** Starter 12 V, 1.9 kW  
 Replacing: MG120560  
 Servicing: Nissan  
 B+ M8, Total length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 10.50 mm



**110389** Starter 12 V, 2.0 kW  
 Replacing: M2T92071A, M2T92071, M002T92071A, M002T92071  
 Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki  
 B+ M8, Total length 232.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)  
 A: 88.00 B: 6.00 mm



**110394** Starter 12 V, 0.85 kW  
 Replacing: M3T41781, M3T39981, M3T38981, M3T34782, M3T34781, M3T31471, M1T74583ZC, M1T74583, M1T74581ZC  
 Servicing: Chevrolet, GEO, Suzuki  
 B+ M8, Total length 207.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)  
 A: 65.85 B: 4.35 mm



**110415** Starter 12 V, 1.4 kW  
 Replacing: M2T58381, M002T58381  
 Servicing: Nissan  
 B+ M8, Total length 221.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 8.00 mm



**110421** Starter 12 V, 0.8 kW  
 Replacing: M3T49982, M3T49981, M3T33481, M3T33181, M3T29681, M003T49982, M003T49981, M003T33481, M003T33181  
 Servicing: Daihatsu, Kubota, Suzuki, Toyota, Various Agriculture Vehicles  
 B+ M8, Total length 188.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 66.00 B: 16.00 mm



**110479** Starter 12 V, 0.9 kW  
 Replacing: MD016920, M3T32585, M003T32585  
 Servicing: Hyundai, Mitsubishi  
 B+ M8, Total length 189.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)  
 A: 77.00 B: 17.00 mm



**110572** Starter 12 V, 1.2 kW  
 Replacing: MD320618, MD318086, MD171228, M2T58681, M1T79781, M1T79681, M002T58681, M001T79781, M001T79681  
 Servicing: Mitsubishi, Nissan  
 B+ M8, Total length 209.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 76.95 B: 17.30 mm



**110576** Starter 24 V, 3.2 kW  
 Replacing: ME017089, ME017085, ME017061, ME017056, ME017036, ME017035, ME017034, M2T67884, M2T67883, M2T67882  
 Servicing: Mitsubishi  
 B+ M8, Total length 243.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)  
 A: 60.00 B: 18.00 mm



**110578#** Starter 12 V, 2.0 kW  
 Replacing: M3T66074, M3T66073, M3T66072, M3T66071, M2T66074, M2T66073, M2T66072, M2T66071, M2T54372, M2T54371  
 Servicing: Ford, Mazda  
 B+ M8, Total length 241.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)  
 A: 89.95 B: 41.00 mm





**110584** Starter 12 V, 1.2 kW  
 Replacing: M3T40371, M003T40371  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 210.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (1)  
 B: -6.00 mm



**110585** Starter 12 V, 1.2 kW  
 Replacing: M3T32989, M3T32988, M3T32986,  
 M3T32985, M003T32989, M003T32988,  
 M003T32986, M003T32985  
 Servicing: Renault, Volvo  
 B+ M8, Total length 214.15, Drive type Steel,  
 Gear type DD, Mount. holes 4 (4)  
 A: 66.00 B: -2.00 mm



**110807** Starter 12 V, 0.85 kW  
 Replacing: M3T33081, M1T71811,  
 M003T33081, M001T71811  
 Servicing: Ford, Kia, Mazda, Opel  
 B+ M8, Total length 197.25, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 70.00 B: 20.50 mm



**110808** Starter 12 V, 0.85 kW  
 Replacing: M3T49781, M3T49581, M3T49481,  
 M3T49381, M3T43581, M3T39481, M3T38885,  
 M3T38884, M3T38883, M3T38882C  
 Servicing: Ford, Kia, Mazda  
 B+ M8, Total length 207.50, Drive type Steel,  
 Gear type DD/GR, Mount. holes 3 (2)  
 A: 74.00 B: 14.50 mm



**110809** Starter 12 V, 2.0 kW  
 Replacing: MD191435, MD191433, MD164975,  
 MD162975, MD156986, MD084414, MD070934,  
 MD069166, MD061154, MD050205  
 Servicing: Dodge, Hyundai, Mitsubishi, Proton  
 B+ M8, Total length 241.45, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 76.90 B: 0.00 mm



**110810** Starter 12 V, 1.4 kW  
 Replacing: M1T77381ZC, M1T77381,  
 M1T71881A, M1T71881, M1T71281ZC,  
 M1T71281B, M1T71281AC, M1T71281A, M1T71281  
 Servicing: Ford, Kia, Mazda  
 B+ M8, Total length 208.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (2)  
 A: 73.50 B: 16.00 mm



**110811** Starter 12 V, 1.2 kW  
 Replacing: MD174483, MD172860, MD162839,  
 MD099667, MD072582, M1T70485A,  
 M1T70485, M1T70483ZC, M1T70483  
 Servicing: Dodge, Eagle, Great Wall,  
 Hyundai, Kia, Mazda, Mitsubishi, Plymouth  
 B+ M8, Total length 206.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 17.25 mm



**110856** Starter 12 V, 0.6 kW  
 Replacing: A3T02192, A003T02192  
 Servicing: Renault  
 B+ M8, Total length 208.50,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 66.00 B: 21.00 mm



**110865** Starter 12 V, 0.95 kW  
 Replacing: M3T80571, M003T80571  
 Servicing: Audi, VW  
 B+ M8, Total length 220.00, Drive type Steel,  
 Gear type DD/GR, Mount. holes 3 (3)  
 Bushing D.E. (clutch house): HC-CARGO 140500.  
 A: 82.50 B: 15.00 mm



**110933** Starter 12 V, 1.4 kW  
 Replacing: MM409414, MM409410, M2T50391,  
 M2T50381, M2T50371, M002T50391,  
 M002T50381, M002T50371  
 Servicing: Iseki  
 B+ M8, Total length 228.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.90 B: 29.25 mm



**110947** Starter 12 V, 2.0 kW  
 Replacing: MM409413, MM409411, M8T70471A,  
 M8T70471, M3T61171, M2T56272, M2T56271,  
 M008T70471A, M008T70471  
 Servicing: Mitsubishi  
 B+ M8, Total length 238.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 77.00 B: 30.00 mm



**110958** Starter 12 V, 0.9 kW  
 Replacing: MD667539, MD192228, MD180239,  
 MD162838, M3T43481, M3T42781ZC,  
 M3T42781, M2T48081, M0A01901  
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi,  
 Plymouth  
 B+ M8, Total length 191.50, Drive type Steel,  
 Gear type DD/GR, Mount. holes 2 (2)  
 A: 77.00 B: 10.80 mm





**110999** Starter 24 V  
 Replacing: M7T03777, M7T03774, M007T03777, M007T03774  
 Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo  
 B+ 1/2" UNC, B- 1/2" UNC, Drive type Steel, Total length 499.50, Gear type DD, Mount. holes 3 (0), Oil sealed, Insulated return  
 Replacing: 42MT.  
 A: 92.00 B: 46.50 mm



**111000** Starter 24 V, 6.5 kW  
 Replacing: M4T95481, M004T95481  
 Servicing: Caterpillar, Clark, Cummins, Fiat-Allis  
 B+ 1/2" UNC, B- 1/2" UNC, Total length 497.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return, Oil sealed w/ rotating D.E. Bracket. Replacing: 42MT.  
 A: 92.00 B: 46.00 mm



**111005** Starter 12 V, 0.8 kW  
 Replacing: M3T30981, M003T30981  
 Servicing: Sumitomo, Yale  
 B+ M8, Total length 190.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 74.00 B: 16.75 mm



**111070** Starter 12 V, 1.7 kW  
 Replacing: M2T90071, M1T90281, M1T50172, M1T50171, M0T80082, M002T90071, M001T90281, M001T50172, M001T50171  
 Servicing: Citroen, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot  
 B+ M8, Total length 230.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 66.00 B: -6.50 mm



**111088** Starter 12 V, 0.8 kW  
 Replacing: M2T41085  
 Servicing: Daihatsu, Piaggio  
 B+ M8, Total length 209.80, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 64.60 B: 30.00 mm



**111108** Starter 12 V, 1.2 kW  
 Replacing: M1T60381, M1T60081, M001T60381, M001T60081  
 Servicing: Mitsubishi, Nissan  
 B+ M8, Total length 198.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 82.30 B: 8.25 mm



**111114** Starter 12 V, 3.1 kW  
 Replacing: M2T80381  
 Servicing: Jeep, Renault  
 B+ M8, Total length 257.75, Drive type Steel, Gear type GR, Mount. holes 3 (3)  
 A: 75.00 B: -9.50 mm



**111241** Starter 12 V, 1.2 kW  
 Replacing: MD313327, MD309471, MD172863, MD162842, MD136933, MD122625, MD112625, M313327D, M1T79081, M1T72583G  
 Servicing: Dodge, Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 207.80, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 73.00 B: 17.00 mm



**111272** Starter 12 V, 2.2 kW  
 Replacing: M8T75171, M8T71571, M8T70371, M2T74371, M2T62271, M008T75171, M008T71571, M008T70371, M002T74371  
 Servicing: Mitsubishi  
 B+ M8, Total length 260.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 82.45 B: 22.90 mm



**111273** Starter 12 V, 2.7 kW  
 Replacing: M5T22171, M2T54572, M2T54571, M005T22171, M002T54572, M002T54571  
 Servicing: Hyster, Yale  
 B+ M8, Total length 240.30, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 A: 100.00 B: 31.65 mm



**111275** Starter 12 V, 2.0 kW  
 Replacing: M5T23172, M3T64172, M2T61371, M2T60271, M2T56475, M2T56472, M2T56471, M2T54671, M005T23172  
 Servicing: Ford, Mitsubishi  
 B+ M8, Total length 250.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 82.40 B: 23.50 mm



**111300** Starter 12 V, 1.4 kW  
 Replacing: M8T70071, M2T58981, M2T54091, M2T54085, M2T54083, M008T70071, M002T58981, M002T54091, M002T54085  
 Servicing: Bobcat, Ford, Volvo Penta  
 B+ M8, Total length 228.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 21.00 mm


**111303** Starter 12 V, 0.8 kW

Replacing: M2T48681, M2T41171, MOT70285, MOT70281, M002T48681, M002T41171, M000T70285, M000T70281

Servicing: Jaguar, Nissan

B+ M8, Total length 185.15, Drive type Steel, Gear type DD/GR, Mount. holes 2 (1)

A: 69.95 B: 11.15 mm


**111305** Starter 12 V, 1.2 kW

Replacing: MD180241, MD174482, MD172861, MD162840, M1T77481, M1T73383ZC, M1T73383, M1T73382, M1T73381ZC

Servicing: Hyundai, Kia, Mitsubishi

B+ M8, Total length 207.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 10.20 mm


**111310** Starter 12 V, 0.8 kW

Replacing: M3T44281, M3T41885, M3T41881, M3T33871, M3T33785, M3T33781ZC, M3T33781, M3T33585, M2T46081ZE

Servicing: Chevrolet, GEO, Pontiac, Suzuki

B+ M8, Total length 190.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 75.00 B: 7.80 mm


**111311** Starter 12 V, 1.7 kW

Replacing: M1T75581ZC, M1T75581, M001T75581ZC, M001T75581

Servicing: Ford, Mazda

B+ M8, Total length 231.55, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 72.00 B: 45.40 mm


**111312** Starter 12 V, 0.8 kW

Replacing: M3T37783, M2T49283, M1T77281, MOT80285A, MOT80285, M003T37783, M002T49283, M001T77281, M000T80285A

Servicing: Nissan

B+ M8, Total length 221.70, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 70.00 B: 43.00 mm


**111349** Starter 12 V, 1.2 kW

Replacing: M1T84382ZC, M1T84381ZC, M1T84381, M1T74287ZC, M1T74286ZC, M1T74283ZC, M1T74283, M1T74281ZC

Servicing: Jeep

B+ M8, Total length 230.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)

A: 82.40 B: 5.50 mm


**111374** Starter 12 V, 1.5 kW

Replacing: M1T96581, M001T96581

Servicing: Ford, Jaguar, Mazda, Mercury

B+ M8, Total length 219.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 75.00 B: 56.25 mm


**111382** Starter 12 V, 1.4 kW

Replacing: MOT87181, M000T87181

Servicing: Infiniti, Nissan

B+ M8, Total length 229.85, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 75.00 B: 56.25 mm


**111451** Starter 12 V, 1.4 kW

Replacing: M1T86481, M1T84481, M1T75681, M1T74087, M1T74081A, M1T74081, MOT20176, MOT20175, MOT20171

Servicing: Subaru

B+ M8, Total length 210.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 82.50 B: 33.50 mm


**111452** Starter 12 V, 0.8 kW

Replacing: M3T41185, M3T21882D, M3T21281D, M003T41185, M003T21882D, M003T21281D

Servicing: TCM

B+ M8, Total length 191.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 82.50 B: 7.80 mm


**111459** Starter 12 V, 1.2 kW

Replacing: M1T72087A, M1T72087, M1T72086A, M1T72086, M1T72085A, M1T72085, M001T72087A, M001T72087, M001T72086A

Servicing: Jaguar, Nissan

B+ M8, Total length 207.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 69.90 B: 11.50 mm


**111461** Starter 12 V, 2.2 kW

Replacing: MD164977, MD156989, MD095865, MD072654, M2T61072, M2T61071, M2T60172, M2T60171, M002T61072

Servicing: Dodge, Hyundai, Mitsubishi

B+ M8, Total length 240.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 3.50 mm





**111475** Starter 12 V, 0.8 kW  
 Replacing: M3T33183, M3T33182, M2T49189, M2T49181, M2T42381, M2T41586, M2T41581, M2T33183, M2T33182, M2T30586  
 Servicing: Suzuki  
 B+ M8, Total length 185.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 66.00 B: 18.00 mm



**111549** Starter 12 V, 1.4 kW  
 Replacing: M1T61181, M1T60581, M001T61181, M001T60581  
 Servicing: Nissan  
 B+ M8, Total length 199.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 82.45 B: 3.65 mm



**111703** Starter 12 V, 2.0 kW  
 Replacing: M2T63371, M002T63371  
 Servicing: Ford, Perkins  
 B+ M8, Total length 250.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 73.80 B: 19.50 mm



**111476** Starter 12 V, 2.0 kW  
 Replacing: MD164976, MD140190, M2T74171, M2T57773, M2T57771, M002T74171, M002T57773, M002T57771  
 Servicing: Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 240.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)  
 A: 77.00 B: 10.00 mm



**111552** Starter 12 V, 1.0 kW  
 Replacing: M3T43181, M1T77181, MOT83981, MOT81681, MOT30475, MOT30471, M003T43181, M001T77181, M000T83981  
 Servicing: Subaru  
 B+ M8, Total length 204.25, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 65.00 B: 49.00 mm



**111728** Starter 12 V, 1.4 kW  
 Replacing: M3T27881, M2T25481, M2T23685, M003T27881, M002T25481, M002T23685  
 Servicing: Nissan  
 B+ M8, Total length 228.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 B: 15.00 mm



**111485** Starter 12 V, 1.2 kW  
 Replacing: M1T60286, M1T60285A, M1T60285, M1T60281, M001T60285A, M001T60285, M001T60281  
 Servicing: Ford, Nissan  
 B+ M8, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 83.00 B: 8.00 mm



**111565** Starter 12 V, 2.2 kW  
 Replacing: MD191437, MD177596, MD164978, MD156987, MD121581, M2T63171, M2T62771, M2T61171, M2T60185  
 Servicing: Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 239.25, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)  
 A: 77.30 B: 9.00 mm



**111730** Starter 12 V, 1.0 kW  
 Replacing: MOT80381, M000T80381  
 Servicing: Mazda, Peugeot  
 B+ M8, Total length 208.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)  
 A: 73.90 B: 13.00 mm



**111508** Starter 12 V, 1.2 kW  
 Replacing: MD308088  
 Servicing: Mitsubishi  
 B+ M8, Total length 207.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)  
 A: 71.00 B: 4.00 mm



**111608** Starter 12 V, 1.4 kW  
 Replacing: M1T78881, M1T72981A, M1T72981, M001T78881, M001T72981A, M001T72981  
 Servicing: Infiniti, Nissan  
 B+ M8, Total length 216.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 82.25 B: 43.00 mm



**111849** Starter 12 V, 0.8 kW  
 Replacing: M2T47383, M2T47382, M2T47381, MOT81981, M002T47383, M002T47382, M002T47381, M000T81981  
 Servicing: Chevrolet, Daewoo, Suzuki  
 B+ M8, Total length 184.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)  
 A: 75.00 B: 6.50 mm




**111912** Starter 12 V, 2.2 kW

Replacing: MD348221, MD344182, MD312858, MD312857, M2T88271, M2T87971, M2T87072ZT, M2T87072, M2T87071ZT

Servicing: Hyundai, Mitsubishi, Proton

B+ M8, Total length 228.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 76.90 B: 2.50 mm


**111913** Starter 24 V, 3.2 kW

Replacing: M5T27671, M3T54072, M3T54071, M2T65275, M2T65272, M2T65271, M005T27671, M003T54072, M003T54071

Servicing: Mitsubishi

B+ M8, Total length 250.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0), Oil sealed

A: 82.50 B: 22.75 mm


**111970** Starter 12 V, 1.0 kW

Replacing: MOT80081, M000T80081

Servicing: Mazda, Mercedes-Benz

B+ M8, Total length 196.70, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (2)

A: 74.00 B: 14.50 mm


**111971** Starter 12 V, 1.2 kW

Replacing: MR994325, MD360368, MD356104, MD332022, MD301351, M332022D, MOT81284, MOT81283, MOT81281, MOT80581

Servicing: Mitsubishi

B+ M8, Total length 195.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 75.00 B: 10.00 mm


**111994** Starter 12 V, 0.7 kW

Replacing: M2T13081, MOT45071ZT, MOT45071, M002T13081, M000T45071ZT

Servicing: Citroen, Fiat, Peugeot

B+ M8, Total length 194.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

A: 62.00 B: -5.00 mm


**112053** Starter 12 V, 2.2 kW

Replacing: M2T84771, M2T80582, M002T84771, M002T80582

Servicing: Citroen, Peugeot

B+ M8, Total length 272.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 74.00 B: -6.00 mm


**112103** Starter 12 V, 2.2 kW

Replacing: M2T87671, M002T87671

Servicing: Opel, Renault, Vauxhall

B+ M8, Total length 272.55, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 72.00 B: 0.50 mm


**112177** Starter 12 V, 1.7 kW

Replacing: M2T58971, M1T66081, M002T58971, M001T66081

Servicing: Ford, New Holland

B+ M8, Total length 213.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm


**112178** Starter 12 V, 1.6 kW

Replacing: MM317600, M2T50285, M2T50281, M2T50271, M002T50285, M002T50281, M002T50271

Servicing: Komatsu, Mitsubishi, Pel Job, Toro, Vetus

B+ M8, Total length 228.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (2)

A: 77.00 B: 17.00 mm


**112185** Starter 12 V, 1.2 kW

Replacing: M2T53681, M002T53681

Servicing: LDV, Mitsubishi, Pel Job, Vetus

B+ M8, Total length 220.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 76.90 B: 18.00 mm


**112215** Starter 12 V, 0.95 kW

Replacing: M3T48181, M003T48181

Servicing: Mazda

B+ M8, Total length 202.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (2)

A: 74.00 B: 15.00 mm


**112267** Starter 12 V, 2.5 kW

Replacing: M3T90072, M3T90071, M003T90072, M003T90071

Servicing: Bobcat, Cummins, Ford

B+ M10, Total length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 46.50 mm


**112276** Starter 12 V, 2.5 kW

Replacing: M8T50072, M8T50071A, M8T50071, M008T50072, M008T50071A, M008T50071

Servicing: Ford

B+ M10, Total length 288.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.90 B: 34.00 mm


**112295** Starter 12 V, 1.7 kW

Replacing: MD329260

Servicing: Mitsubishi, Renault, Volvo

B+ M8, Total length 265.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 66.00 B: -0.50 mm


**112300** Starter 12 V, 1.4 kW

Replacing: M1T86181, M1T79581, M1T76481, MOT85881, MOT85681ZC, MOT85681, M001T86181, M001T79581, M001T76481

Servicing: Chevrolet, Suzuki

B+ M8, Total length 208.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 66.00 B: 4.50 mm


**112301** Starter 12 V, 1.2 kW

Replacing: M1T79482, M1T79481, M001T79482, M001T79481

Servicing: Dodge, Jeep

B+ M8, Total length 207.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 60.00 B: 18.00 mm


**112323** Starter 24 V, 5.0 kW

Replacing: M3T56183, M3T56182, M3T56181, M3T56174, M3T56172, M003T56183, M003T56182, M003T56181, M003T56174

Servicing: Caterpillar, Mitsubishi

B+ M10, Total length 292.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0), Oil sealed

A: 82.00 B: 23.00 mm


**112342** Starter 24 V, 5.5 kW

Replacing: ME057990, ME057985, ME057845, ME057350, ME057200, M4T55077, M4T55076, M4T55072, M4T55071, M3T95082

Servicing: Hyundai, Mitsubishi

B+ M10, Total length 368.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 100.00 B: 68.00 mm


**112368** Starter 12 V, 1.4 kW

Replacing: MOT60082, MOT60081A, MOT60081, M000T60082, M000T60081A, M000T60081

Servicing: Nissan

B+ M8, Total length 199.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 82.50 B: 7.00 mm


**112370** Starter 12 V, 2.2 kW

Replacing: ME204425B, ME204425, ME204424A, ME204424, ME202970, ME201650A, ME201650, M8T75074ZT, M8T75074

Servicing: Mitsubishi

B+ M8, Total length 240.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 77.00 B: 9.00 mm


**112441** Starter 12 V, 2.3 kW

Replacing: MK666919

Servicing: Iveco, Mitsubishi, Multicar, Renault V.I.

B+ M8, Total length 258.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 81-84 mm.

Alternative no.: 115505

A: 82.00 B: 27.00 mm


**112474** Starter 12 V, 1.8 kW

Replacing: MW30620657, M1T85981, M1T85682, M1T85681, M001T85981, M001T85682, M001T85681, 1810A048

Servicing: Mitsubishi, Nissan, Opel, Renault, Suzuki, Vauxhall, Volvo

B+ M8, Total length 238.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 4 (3)

B: -2.00 mm


**112822** Starter 24 V, 4.5 kW

Replacing: M8T61671, M008T61671

Servicing: Iveco

B+ M10, Total length 293.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

Alternative no.: 115880

A: 89.00 B: 49.00 mm





**112846** Starter 12 V, 1.4 kW  
 Replacing: M1T78581ZC, M1T78581,  
 M001T78581ZC, M001T78581  
 Servicing: Chrysler, Dodge  
 B+ M8, Total length 231.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 3 (0)  
 A: 81.90 B: 7.70 mm



**113038** Starter 12 V, 0.7 kW  
 Replacing: MD301350, M2T44781, M002T44781  
 Servicing: Mitsubishi, Subaru  
 B+ M8, Total length 189.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 2 (2)  
 A: 77.00 B: 11.00 mm



**113040** Starter 12 V, 0.9 kW  
 Replacing: MD359972, MD321445, MD301348G,  
 MD301348, M3T44182, M3T44181,  
 M3T44091ZT, M3T44081ZT, M3T44081  
 Servicing: Mitsubishi  
 B+ M8, Total length 190.50,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Wet, Mount. holes 2 (2)  
 A: 76.90 B: 10.00 mm



**113044** Starter 12 V, 1.4 kW  
 Replacing: M1T76082ZC, M1T76082,  
 M1T76081ZC, M1T76081, M001T76082ZC,  
 M001T76082, M001T76081ZC, M001T76081  
 Servicing: Jeep  
 B+ M8, Total length 215.10,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 71.80 B: 23.00 mm



**113129** Starter 24 V, 4.5 kW  
 Replacing: ME077407, ME077048, ME037636,  
 ME037465, ME037330, ME037150, M6T10673,  
 M4T50177, M4T50171, M4T50073  
 Servicing: Mitsubishi  
 B+ M10, Total length 290.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 A: 110.00 B: 64.50 mm



**113139** Starter 12 V, 1.2 kW  
 Replacing: MOT80281ZC, MOT80281B,  
 MOT80281AC, MOT80281A, MOT80281,  
 M000T80281ZC, M000T80281B, M000T80281AC  
 Servicing: Nissan  
 B+ M8, Total length 219.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 69.90 B: 41.50 mm



**113141** Starter 12 V, 0.8 kW  
 Replacing: M2T43881, M2T43781, M2T43681,  
 M2T43481, M2T32581, M002T43881,  
 M002T43781, M002T43681, M002T43481  
 Servicing: Mitsubishi, New Holland, Onan  
 B+ M8, Total length 210.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 73.90 B: 29.50 mm



**113194** Starter 24 V, 3.2 kW  
 Replacing: ME017004, ME017001, M3T52071,  
 M2T64272, M2T64271, M003T52071,  
 M002T64272, M002T64271  
 Servicing: Caterpillar, Mitsubishi  
 B+ M8, Total length 240.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 99.90 B: 22.00 mm



**113195** Starter 24 V, 3.2 kW  
 Replacing: ME014418, ME013008, ME012995,  
 M8T80071B, M8T80071A, M8T80071,  
 M008T80071B, M008T80071A, M008T80071  
 Servicing: Mitsubishi  
 B+ M8, Total length 257.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (1)  
 A: 59.90 B: 17.00 mm



**113210** Starter 24 V, 3.2 kW  
 Replacing: M2T64373, M2T64372, M2T64371,  
 M002T64373, M002T64371  
 Servicing: Nissan  
 B+ M8, Total length 240.00, Drive type Steel,  
 Gear type DD/GR, Mount. holes 3 (0)  
 A: 105.00 B: 11.00 mm



**113254** Starter 12 V, 1.4 kW  
 Replacing: MOT93582, MOT93581, MOT22472,  
 M000T93582, M000T93581, M000T22472  
 Servicing: Citroen, Ds, Fiat, Peugeot, Toyota  
 B+ M8, Total length 206.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 4 (2)  
 A: 62.00 B: 14.00 mm



**113319** Starter 12 V, 2.2 kW  
 Replacing: M8T75371, M8T71371ZE, M8T71371,  
 M008T75371, M008T71371ZE, M008T71371  
 Servicing: Nissan  
 B+ M8, Total length 233.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 72.40 B: 55.50 mm





**113323** Starter 12 V, 1.7 kW  
 Replacing: M8T71471ZE, M8T71471, M008T71471ZE, M008T71471  
 Servicing: Nissan  
 B+ M8, Total length 233.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 69.90 B: 54.00 mm



**113618** Starter 12 V, 1.6 kW  
 Replacing: M1T84981ZC, M1T84981, M0T91182ZC, M0T91182, M0T91181ZC, M0T91181, M001T84981ZC, M001T84981  
 Servicing: Jeep  
 B+ M8, Total length 215.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)  
 A: 64.90 B: 6.00 mm



**113668** Starter 12 V, 1.2 kW  
 Replacing: MM115519, MM115518, M2T58881, M2T58581, M002T58881, M002T58581  
 Servicing: Clark, Mitsubishi  
 B+ M8, Total length 214.50, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)  
 A: 76.90 B: 18.00 mm



**113445** Starter 12 V, 2.2 kW  
 Replacing: MD344183, MD331137, MD315548, MD315547, MD314167, M2T88071, M2T87371, M2T87171ZT, M2T87171  
 Servicing: Hyundai, Mitsubishi  
 B+ M8, Total length 239.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 76.90 B: 9.00 mm



**113638** Starter 12 V, 1.4 kW  
 Replacing: MD362910, MD356178, MD328235, M356178D, M1T84884, M1T84883ZC, M1T84883, M0T81181, M00356178D  
 Servicing: Chrysler, Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 194.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)  
 A: 77.00 B: 10.50 mm



**113669** Starter 24 V, 5.0 kW  
 Replacing: ME077796, M8T60071A, M8T60071, M008T60071A, M008T60071  
 Servicing: Caterpillar  
 B+ M8, Total length 287.80, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)  
 A: 109.70 B: 66.00 mm



**113550** Starter 12 V  
 Replacing: M9T70977, M9T70379, M009T70379  
 Servicing: Mack  
 B+ M12, Total length 402.80, Drive type Steel, Gear type GR, Mount. holes 3 (0), Insulated return  
 Replacing: 39MT.  
 A: 92.00 B: 46.00 mm



**113642** Starter 12 V, 1.6 kW  
 Replacing: M1T86884ZC, M1T86883ZC, M1T86782ZC, M1T86782, M001T86884ZC, M001T86883ZC, M001T86782ZC  
 Servicing: Jeep  
 B+ M8, Total length 228.50, Drive type Steel, Gear type DD/GR, Clutch type Wet, Mount. holes 2 (2)  
 A: 65.00 B: 4.85 mm



**113672** Starter 24 V, 5.5 kW  
 Replacing: M9T61571, M9T60473, M9T60471, M009T61571, M009T60473, M009T60471  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 350.00, Drive type Steel, Gear type GR, Mount. holes 3 (0) w/ safety switch.  
 Alternative no.: 115881   
 A: 91.90 B: 47.00 mm



**113551** Starter 12 V, 2.2 kW  
 Replacing: M8T70971, M008T70971  
 Servicing: Kubota  
 B+ M8, Total length 258.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 82.40 B: 27.00 mm



**113644** Starter 12 V, 1.2 kW  
 Replacing: M2T42881, M0T84585, M002T42881, M000T84585  
 Servicing: Nissan  
 B+ M8, Total length 189.80, Drive type Steel, Gear type DD, Mount. holes 2 (1)  
 A: 69.90 B: 10.60 mm



**113673** Starter 24 V, 5.5 kW  
 Replacing: M9T60372, M9T60371, M009T60372, M009T60371  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 350.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115882   
 A: 88.80 B: 39.50 mm



**113676** Starter 24 V, 5.5 kW

Replacing: M9T60672, M9T60671, M009T60672, M009T60671

Servicing: Renault V.I.

B+ M10, Total length 350.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0) w/ safety switch.

Alternative no.: 115883 5★

A: 89.00 B: 40.00 mm



**113702** Starter 12 V, 2.2 kW

Replacing: M2T87271ZT, M2T87271, M002T87271ZT, M002T87271

Servicing: Ford, Mazda

B+ M8, Total length 234.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 81.50 B: 17.50 mm



**113746** Starter 24 V, 5.5 kW

Replacing: ME152487, M9T60171, M009T60171

Servicing: Mitsubishi

B+ M10, Total length 318.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 100.00 B: 68.00 mm



**113795** Starter 12 V, 1.0 kW

Replacing: MOT90981, MOT90981

Servicing: MAN, Mazda

B+ M8, Total length 208.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 82.30 B: 22.00 mm



**113819** Starter 12 V, 1.4 kW

Replacing: MOT87681, MOT87601, M000T87681, M000T87601

Servicing: Mazda

Gear type GR



**113820** Starter 12 V, 1.2 kW

Replacing: MOT91981ZC, MOT91981, M000T91981ZC

Servicing: Jeep

B+ M8, Total length 207.00,

Gear type GR, Mount. holes 2 (2)

A: 65.00 B: 6.00 mm



**113821** Starter 12 V, 1.6 kW

Replacing: MOT20371ZC, MOT20371

Servicing: Acura, Honda

B+ M8, Total length 210.00,

Drive type Steel, Gear type GR,

Clutch type Dry, Mount. holes 2 (0)

A: 75.00 B: 33.00 mm



**113830** Starter 24 V, 5.5 kW

Replacing: M9T61171ZA, M9T61171, M009T61171

Servicing: Volvo

B+ M10, B- M10, Total length 360.00,

Drive type Steel, Gear type GR,

Clutch type Dry, Mount. holes 3 (0)

Over Crank Protection.

Alternative no.: 115884 5★

A: 92.00 B: 48.00 mm



**113851** Starter 24 V, 7.5 kW

Replacing: M9T84771, M9T83672, M9T83671, M9T80473, M9T80472, M9T80471, M009T84771, M009T83672, M009T83671

Servicing: Audi, Mercedes-Benz

B+ M12, Total length 348.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0) Replacing: 39MT.

Alternative no.: 115885 5★

A: 92.00 B: 47.70 mm



**113897** Starter 12 V, 1.4 kW

Replacing: MOT87881, MOT88681, MOT87881, MOT21471, M00T87881, M000T88681, M000T87881, M000T21471

Servicing: Dacia, Nissan, Renault, Suzuki

B+ M8, Total length 201.00,

Drive type Steel, Gear type GR,

Clutch type Dry, Mount. holes 3 (3)

A: 62.90 B: -0.07 mm



**113927** Starter 12 V, 1.1 kW

Replacing: MOT91581, MOT86181, MOT81291, M000T91581, M000T86181

Servicing: Dacia, Nissan, Renault

B+ M8, Total length 198.00,

Gear type GR, Mount. holes 3 (2)

A: 65.00 B: -1.30 mm



**113930** Starter 12 V, 1.4 kW

Replacing: M1T85781, M001T85781

Servicing: Renault

B+ M8, Total length 216.00,

Gear type GR, Mount. holes 3 (3)

A: 65.00 B: -2.00 mm





9,10


**113931** Starter 12 V, 1.7 kW

Replacing: M1T30073, M1T30072, M1T30071, M001T30072, M001T30071

Servicing: Alfa Romeo, Cadillac, Chevrolet, Fiat, Lancia, Opel, Saab, Vauxhall

B+ M8, Total length 226.00, Gear type GR, Mount. holes 3 (0)

A: 81.80 B: 9.80 mm



12


**113964** Starter 12 V, 2.2 kW

Replacing: M2TS0575, M2TS0571, M2T50571, M002TS0575, M002TS0571

Servicing: Nissan

B+ M8, Total length 267.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 31.00 mm



11,12


**114001** Starter 24 V, 4.0 kW

Replacing: M8T62671, M008T62671

Servicing: MAN

B+ M10, Total length 317.00, Drive type Steel, Gear type GR, Mount. holes 3 (0) w/ safety switch.

A: 89.00 B: 29.00 mm



8


**113932** Starter 12 V, 0.85 kW

Replacing: MOT46371ZT, MOT46371, M000T46371ZT

Servicing: Dacia, Nissan, Renault

B+ M8x1.25, Total length 168.00, Gear type DD, Mount. holes 3 (3)

B: -3.00 mm



9


**113977** Starter 12 V, 2.2 kW

Replacing: M2T88971ZC, M2T88971, M002T88971

Servicing: Chrysler, Dodge

B+ M8, Total length 251.00, Gear type GR, Mount. holes 3 (3)

A: 82.00 B: 9.00 mm



12


**114003** Starter 12 V, 5.0 kW

Replacing: M9T72271, M9T70173, M9T70172, M009T72271, M009T70173, M009T70172

Servicing: Mercedes-Benz

B+ M12, Total length 345.00, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm



11,12


**113933** Starter 12 V, 1.5 kW

Replacing: MOT22473, MOT22471, M000T22471

Servicing: Citroen, Ds, Mini, Peugeot, Toyota

B+ M8, Total length 220.00, Drive type Steel, Gear type GR, Mount. holes 4 (2)

B: 13.00 mm



12


**113984** Starter 24 V, 5.0 kW

Replacing: M9T61671, M009T61671

Servicing: Iveco

B+ M10, Total length 351.70, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.80 mm



8


**114057** Starter 12 V, 1.1 kW

Replacing: MOT45371ZT, MOT45371, M000T45371ZT

Servicing: Renault

B+ M8, Total length 177.00, Gear type DD, Mount. holes 3 (3)

A: 62.00 B: 1.00 mm



10,11


**113960** Starter 12 V, 0.9 kW

Replacing: MOT32272ZE, MOT32272, MOT32271ZE, MOT32271, M000T32272ZE, M000T32271ZE, M000T32271

Servicing: Citroen, Ds, Mini, Peugeot

B+ M8, Total length 194.00, Gear type GR, Mount. holes 4 (2)

A. Measure = 60-64 mm.

A: 64.00 B: 13.00 mm



13


**113995** Starter 12 V, 1.7 kW

Replacing: M1T68281, M001T68281, 31B66-00101, 31B66-00100

Servicing: Caterpillar

B+ M8, Total length 242.50, Gear type GR, Mount. holes 2 (0)

A: 77.00 B: 29.50 mm



10


**114058** Starter 12 V, 1.7 kW

Replacing: M1T30173, M1T30172, M1T30171, M001T30173, M001T30172, M001T30171

Servicing: Opel, Saab, Vauxhall

B+ M8x1.25, Total length 220.00, Gear type GR, Mount. holes 3 (0)

A: 82.00 B: 4.00 mm





**114059** Starter 12 V, 2.3 kW  
 Replacing: M2T88671, M002T88671  
 Servicing: Mazda  
 B+ M8x1.25, Total length 226.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 88.00 B: 5.00 mm



**114060** Starter 12 V, 1.0 kW  
 Replacing: M2T46781ZE, MOT36071ZE,  
 MOT36071, M002T46781ZE, M000T36071ZE,  
 M000T36071  
 Servicing: Suzuki  
 B+ M8, Total length 183.00,  
 Gear type DD/GR, Mount. holes 2 (2)  
 A: 70.00 B: 28.00 mm



**114061** Starter 12 V, 2.0 kW  
 Replacing: M2T85271, M002T85271  
 Servicing: Suzuki  
 B+ M8, Total length 227.50,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 66.00 B: 3.00 mm



**114074** Starter 12 V, 2.2 kW  
 Replacing: M1T80681, M001T80681  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 B+ M8, Total length 215.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.50 B: 13.50 mm



**114086** Starter 24 V, 5.5 kW  
 Replacing: M9T66171, M9T65271, M9T64371,  
 M009T66171, M009T65271, M009T64371  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 329.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115896   
 A: 89.00 B: 48.00 mm



**114100** Starter 24 V, 7.5 kW  
 Replacing: M9T80272, M9T80071, M009T80071  
 Servicing: Renault V.I.  
 B+ M12, Total length 380.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115893   
 A: 92.00 B: 47.00 mm



**114108** Starter 12 V, 0.9 kW  
 Replacing: MR994922, MOT45275ZT,  
 MOT45275, MOT45271ZT, MOT45271,  
 M000T45275ZT, M000T45275, M000T45271ZT  
 Servicing: Mitsubishi, Smart (MCC)  
 B+ M8, Total length 205.00,  
 Gear type DD, Mount. holes 2 (0)  
 A: 75.00 B: 44.00 mm



**114144** Starter 12 V, 2.0 kW  
 Replacing: M2T88571, M002T88571  
 Servicing: Chrysler  
 B+ M8, Total length 227.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 25.95 mm



**114167** Starter 12 V, 3.0 kW  
 Replacing: M8T50473, M8T50471, M008T50471  
 Servicing: TCM  
 B+ M8x1.25, Total length 287.30,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 27.00 mm



**114169** Starter 24 V, 5.0 kW  
 Replacing: M8T60374, M8T60373, M8T60372,  
 M8T60371, M008T60373, M008T60372,  
 M008T60371, 32B66-00202  
 Servicing: Caterpillar, Mitsubishi  
 B+ M8, Total length 287.50,  
 Mount. holes 2 (0)  
 w/ safety switch.  
 A: 82.00 B: 22.60 mm



**114180** Starter 12 V, 0.8 kW  
 Replacing: MOT45171ZT, MOT45171,  
 M000T45171ZT, M000T45171  
 Servicing: Dacia, Renault  
 B+ M8, Total length 176.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (3)  
 A: 66.00 B: -1.00 mm



**114183** Starter 12 V, 1.8 kW  
 Replacing: MN960265, M1T30271,  
 M001T30271, 1810A002  
 Servicing: Mitsubishi, Smart (MCC)  
 B+ M8, Total length 247.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 70.00 B: 34.50 mm



**114185** Starter 24 V, 3.2 kW  
 Replacing: M8T80373, M8T80371, M008T80373, M008T80371  
 Servicing: Isuzu, Kobelco  
 B+ M8, Total length 259.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 20.00 mm



**114193** Starter 24 V, 5.5 kW  
 Replacing: M9T61471AM, M9T61471, M009T61471  
 Servicing: Renault V.I., Volvo  
 B+ M10, Total length 350.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115877   
 A: 89.00 B: 48.00 mm



**114217** Starter 12 V, 2.0 kW  
 Replacing: M1T93571, M1T93371ZC, M1T93371, M1T93171ZC, M1T93171, M1T93071, M001T93571, M001T93371ZC  
 Servicing: Dodge, Jeep, Mitsubishi  
 B+ M8, Total length 232.00,  
 Gear type GR, Mount. holes 3 (0)  
 B: 42.00 mm



**114225** Starter 12 V, 1.6 kW  
 Replacing: M1T85881ZC, M1T85881, M001T85881ZC, M001T85881  
 Servicing: Case IH, Chevrolet, GEO, Suzuki  
 B+ M8, Total length 207.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 66.00 B: 4.25 mm



**114232** Starter 12 V, 2.0 kW  
 Replacing: M8T76072ZE, M8T76072, M8T76071ZE, M8T76071, M008T76072ZE, M008T76072, M008T76071ZE, M008T76071  
 Servicing: Nissan  
 B+ M8, Total length 233.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 70.00 B: 31.00 mm

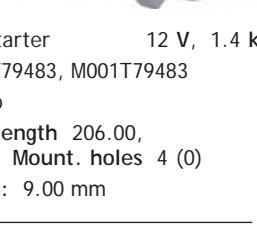
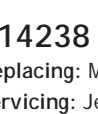
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**114234\*** Starter 12 V  
 Replacing: M1TA0171, M001TA0171  
 Servicing: Fiat



**114237** Starter 12 V, 2.2 kW  
 Replacing: M2T88572ZC, M2T88572, M002T88572ZC, M002T88572  
 Servicing: Chrysler, Jeep  
 B+ M8, Total length 227.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 25.50 mm



**114238** Starter 12 V, 1.4 kW  
 Replacing: M1T79483, M001T79483  
 Servicing: Jeep  
 B+ M8, Total length 206.00,  
 Gear type DD, Mount. holes 4 (0)  
 A: 58.50 B: 9.00 mm



**114279** Starter 12 V, 2.2 kW  
 Replacing: M2T88372ZC, M2T88372, M002T88372ZC, M002T88372  
 Servicing: Jeep  
 B+ M8, Total length 227.50,  
 Gear type GR, Mount. holes 3 (0)  
 A: 82.50 B: 19.00 mm



**114280** Starter 24 V, 3.2 kW  
 Replacing: ME108364, ME108080, M8T80472A, M8T80472, M8T80471A, M8T80471, M008T80472A, M008T80472, M008T80471A  
 Servicing: Caterpillar  
 B+ M8, Total length 241.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 77.00 B: 10.40 mm



**114283** Starter 12 V, 2.0 kW  
 Replacing: M2T88473, M2T88472, M2T88471, M002T88473, M002T88472, M002T88471  
 Servicing: Chrysler  
 B+ M8, Total length 227.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 82.50 B: 0.00 mm



**114310** Starter 24 V, 7.0 kW  
 Replacing: M9T82672, M9T82671, M009T82672, M009T82671  
 Servicing: Volvo  
 B+ M10, Total length 352.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115888   
 A: 92.00 B: 47.00 mm



**114323** Starter 24 V, 5.0 kW  
 Replacing: M8T62471AM, M8T62471, M008T62471  
 Servicing: Dennis, Renault V.I., Volvo  
 B+ M10, Total length 295.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115889   
 A: 89.00 B: 26.50 mm



**114328** Starter 12 V, 1.6 kW  
 Replacing: M1T84181ZC, M1T84181,  
 M001T84181ZC, M001T84181  
 Servicing: Chrysler  
 B+ M8, Total length 239.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 82.00 B: 8.00 mm



**114329** Starter 12 V, 1.6 kW  
 Replacing: M1T68781ZC, MOT60781,  
 M001T68781ZC, M000T60781  
 Servicing: Nissan  
 B+ M8, Total length 232.60,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 62.00 mm



**114330** Starter 24 V, 8.3 kW  
 Replacing: M9T82479, M009T82479  
 Servicing: Cummins  
 B+ M12, B- M12, Total length 358.10,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0),  
 Insulated return  
 A: 92.00 B: 47.00 mm



**114334** Starter 12 V, 2.0 kW  
 Replacing: M2T54272, M2T54271,  
 M002T54272, M002T54271  
 Servicing: Mitsubishi  
 B+ M8, Total length 257.50  
 A: 100.00 B: 60.00 mm



**114343** Starter 24 V, 6.0 kW  
 Replacing: M4T95082, M4T95076, M4T95072,  
 M4T95071, M004T95082, M004T95076,  
 M004T95072, M004T95071  
 Servicing: Mitsubishi  
 B+ M10, Total length 324.60  
 A: 100.00 B: 77.00 mm



**114393** Starter 24 V, 7.5 kW  
 Replacing: 37566-45201, 37566-35200,  
 37566-15200, 37566-05200  
 Servicing: Mitsubishi, Volvo, Volvo Penta  
 B+ M10, Total length 407.00,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return  
 A: 100.00 B: 50.00 mm



**114394** Starter 12 V, 2.2 kW  
 Replacing: M3T67771, M003T67771  
 Servicing: Yale  
 B+ M8, Total length 275.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 100.00 B: 30.00 mm



**114418** Starter 12 V, 3.6 kW  
 Replacing: ME215097, ME015766, M8T55073,  
 M8T55071, M008T55073, M008T55071  
 Servicing: Mitsubishi  
 B+ M8, Total length 287.60,  
 Gear type GR, Mount. holes 2 (0)  
 A: 60.00 B: 18.00 mm



**114439** Starter 12 V, 2.7 kW  
 Replacing: M2T57674, M2T57673C,  
 M2T57673A, M2T57673, M2T57672,  
 M2T57671A, M2T57671, M002T57674,  
 M002T57673C  
 Servicing: Mazda  
 B+ M8, Total length 240.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 100.00 B: 49.00 mm



**114443** Starter 12 V, 0.9 kW  
 Replacing: MOT32572ZE, MOT32571ZE,  
 MOT32571, M000T32572ZE, M000T32571ZE  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 174.50,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 21.00 mm



**114444** Starter 12 V, 1.6 kW  
 Replacing: M001T68381, M1T68381,  
 M001T68381, 30L66-10500  
 Servicing: Case  
 B+ M8, Total length 222.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 17.00 mm





**114445** Starter 24 V, 5.0 kW  
 Replacing: M8T60873, M8T60872, M8T60871, M008T60873, M008T60872, M008T60871, 32B66-12100, 32B66-02102  
 Servicing: Caterpillar  
 B+ M8, Total length 288.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 22.50 mm



**114485** Starter 12 V, 1.1 kW  
 Replacing: MOT90882, MOT90881, M000T90881  
 Servicing: Kubota  
 B+ M8x1.25, Total length 205.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 66.00 B: 18.00 mm



**114729** Starter 24 V, 7.0 kW  
 Replacing: M9T82179  
 Servicing: Various, Various Industrial applications  
 B+ M12, B- M12, Total length 404.00, Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 48.00 mm



**114460** Starter 12 V, 1.4 kW  
 Replacing: M1T80481, M1T80381, M1T80082, M1T80081, MOT86081, MOT20873, MOT20872ZE, MOT20872, MOT20871ZE  
 Servicing: Citroen, Fiat, Hyundai, Lancia, Mitsubishi, Peugeot  
 B+ M8, Total length 216.00, Gear type GR, Mount. holes 3 (3)  
 B: -4.00 mm



**114487** Starter 12 V, 1.0 kW  
 Replacing: MOT46171ZT, MOT46171, M000T46171ZT, M000T46171  
 Servicing: Smart (MCC)  
 B+ M8, Total length 217.70, Gear type DD, Mount. holes 2 (0)  
 A: 65.00 B: 52.00 mm



**114733** Starter 24 V, 5.5 kW  
 Replacing: M9T62671  
 Servicing: Renault V.I., Volvo  
 B+ M10, Total length 318.00, Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115894   
 A: 89.00 B: 27.00 mm



**114474** Starter 24 V, 5.0 kW  
 Replacing: M8T60973, M8T60972, M8T60971, M008T60972  
 Servicing: Isuzu  
 B+ M10, Total length 287.00, Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 45.00 mm



**114686** Starter 12 V, 1.3 kW  
 Replacing: MOT88081  
 Servicing: Grasshopper  
 B+ M8, Total length 201.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 66.00 B: 18.50 mm



**114761** Starter 12 V, 1.0 kW  
 Replacing: MOT33071ZM, MOT33071  
 Servicing: Nissan, Suzuki  
 B+ M8, Total length 176.00, Gear type GR, Mount. holes 2 (1)  
 A: 70.00 B: 29.00 mm



**114479** Starter 12 V, 1.2 kW  
 Replacing: MOT65581, MOT65381, M000T65381  
 Servicing: Nissan  
 B+ M8, Total length 186.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 83.50 B: 19.00 mm



**114696** Starter 12 V, 1.2 kW  
 Replacing: MOT60481, 30L66-10600  
 Servicing: Case, New Holland  
 B+ M8, Total length 207.00, Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 16.00 mm



**114818** Starter 12 V, 3.6 kW  
 Replacing: M8T55779, M8T55579, M8T55578, M008T55579, M008T55578  
 Servicing: Volvo Penta  
 B+ M10, B- M8, Total length 314.00, Gear type GR, Mount. holes 3 (0), Insulated return  
 A: 88.80 B: 47.50 mm

## STARTERS



**114819** Starter 24 V, 5.5 kW  
 Replacing: M9T65479  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 356.00,  
 Gear type GR, Mount. holes 3 (0),  
 Insulated return  
 A: 88.90 B: 47.50 mm



**114838** Starter 12 V, 4.5 kW  
 Replacing: M9T50471, M009T50471  
 Servicing: Fendt  
 B+ M10, Total length 350.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.80 B: 26.00 mm



**114854** Starter 12 V, 2.5 kW  
 Replacing: 1810A111  
 Servicing: Citroen, Fiat, Lancia, Mitsubishi,  
 Peugeot, VW  
 B+ M8, Total length 238.00,  
 Gear type GR, Mount. holes 5 (5)  
 B: -5.00 mm



**114855** Starter 12 V, 1.2 kW  
 Replacing: MOT65081, M000T65081  
 Servicing: Honda  
 B+ M8, Total length 201.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 55.00 B: 34.00 mm



**114856** Starter 12 V, 1.1 kW  
 Replacing: MM43309901, MM40374001,  
 M3T42681, M3T25681  
 Servicing: Mitsubishi  
 B+ M8, Total length 189.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 77.00 B: 17.00 mm



**114871** Starter 12 V, 1.1 kW  
 Replacing: MOT36971ZE, MOT36971,  
 M000T36971ZE, M000T36971  
 Servicing: Opel, Suzuki, Vauxhall  
 B+ M8, Total length 182.50,  
 Gear type GR, Mount. holes 2 (1)  
 A: 70.00 B: 28.00 mm



**114872** Starter 24 V, 5.5 kW  
 Replacing: M9T66371, M9T64171ZT,  
 M9T64171, M9T62173, M9T62172,  
 M009T66371, M009T64171ZT, M009T64171  
 Servicing: Renault V.I., Volvo  
 B+ M10, Total length 351.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115875   
 A: 92.00 B: 46.00 mm



**114873** Starter 24 V, 5.5 kW  
 Replacing: M9T62871, M009T62871  
 Servicing: Volvo BM  
 B+ M10, Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**114885** Starter 12 V, 0.9 kW  
 Replacing: M3T33281, M003T33281  
 Servicing: Kia  
 B+ M8, Total length 184.00,  
 Gear type DD, Mount. holes 3 (2)  
 A: 74.00 B: 12.50 mm



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**114893\*** Starter 24 V, 4.2 kW  
 Replacing: ME080740, M8T87171M, M8T87171  
 B+ M8, Total length 274.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 100.00 B: 21.00 mm



**115327** Starter 12 V, 2.0 kW  
 Replacing: M2T85672, M2T85671  
 Servicing: Honda  
 B+ M8, Total length 241.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 33.00 mm



**115330** Starter 12 V, 2.2 kW  
 Replacing: ME193880, ME193061, M8T76171,  
 M8T75971, M008T75971  
 Servicing: Mitsubishi  
 B+ M8, Total length 241.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 10.00 mm



**115349** Starter 12 V, 1.2 kW  
 Replacing: MOT86581, M000T86581  
 Servicing: Suzuki  
 B+ M8, Total length 174.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 70.00 B: 28.00 mm



**115377** Starter 12 V, 1.0 kW  
 Replacing: MOT65585, M000T65585  
 Servicing: Nissan  
 B+ M8, Total length 185.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 83.50 B: 19.00 mm



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**115440** Starter 24 V, 7.0 kW  
 Replacing: M9T83071, M009T83071  
 Servicing: MAN  
 B+ M10, Total length 350.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**115359** Starter 12 V, 1.2 kW  
 Replacing: MN153444, MOT20672, MOT20671,  
 M000T20672, M000T20671, 1810A001  
 Servicing: Mitsubishi  
 B+ M8, Total length 189.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 10.00 mm



**115378** Starter 12 V, 2.5 kW  
 Replacing: M8T71671  
 Servicing: Kubota  
 B+ M8, Total length 259.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 26.00 mm



**115442** Starter 12 V, 0.8 kW  
 Replacing: M2T48381, M2T13581, M2T13281,  
 M002T48381, M002T13581, M002T13281  
 Servicing: Dacia, Nissan, Renault  
 B+ M8, Total length 170.50,  
 Gear type DD, Mount. holes 3 (3)  
 A: 65.25 B: -1.00 mm



**115360** Starter 12 V, 1.4 kW  
 Replacing: MOT35471, M000T35471  
 Servicing: Alfa Romeo, Fiat  
 B+ M8, Total length 191.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 31.00 mm



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**115426** Starter 12 V, 1.0 kW  
 Replacing: MOT37871ZE, MOT37871,  
 M000T37871ZE, M000T37871  
 Servicing: Nissan  
 B+ M8, Total length 170.00,  
 Gear type GR, Mount. holes 2 (2)  
 B: 21.00 mm



**115448** Starter 12 V, 1.4 kW  
 Replacing: MOT38771, MOT21571, 1810A205,  
 1810A011  
 Servicing: Citroen, Mitsubishi  
 B+ M8, Total length 198.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 70.00 B: 28.50 mm



**115361** Starter 12 V, 1.0 kW  
 Replacing: MOT32178ZE, MOT32177,  
 MOT32173ZE, MOT32173, MOT32172ZE,  
 MOT32172, MOT32171, M000T32178ZE  
 Servicing: Nissan  
 B+ M8, Total length 182.00,  
 Gear type GR, Mount. holes 4 (4)  
 A: 70.00 B: 18.50 mm



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**115439** Starter 24 V, 7.0 kW  
 Replacing: M9T83771  
 Servicing: Scania  
 B+ M10, Total length 349.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115876   
 A: 92.00 B: 47.50 mm



**115466** Starter 12 V, 2.0 kW  
 Replacing: M2T85371  
 Servicing: Nissan  
 B+ M8, Total length 228.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 10.00 mm





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**115517** Starter 24 V, 7.0 kW  
Replacing: M9T80072, M009T80072  
Servicing: Renault V.I.  
B+ M12, B- M12, Total length 390.00,  
Gear type GR, Mount. holes 3 (0)  
A: 92.00 B: 47.50 mm



**115525** Starter 12 V, 1.2 kW  
Replacing: MOT60381  
Servicing: Honda  
B+ M8, Total length 208.00,  
Gear type GR, Mount. holes 2 (0)  
A: 55.00 B: 34.00 mm



**115538** Starter 12 V, 1.4 kW  
Replacing: MOT21671, M000T21671  
Servicing: Suzuki  
B+ M8, Total length 189.00,  
Gear type GR, Mount. holes 2 (1)  
A: 66.00 B: 5.00 mm



**115553** Starter 12 V, 1.0 kW  
Replacing: MOT91381, M000T91381  
Servicing: Mazda  
B+ M8, Total length 200.00,  
Gear type GR, Mount. holes 3 (3)  
*Can also be delivered with 2 mounting holes 2(2)*  
A: 74.00 B: 15.00 mm



**115556** Starter 24 V, 5.5 kW  
Replacing: M9T61971, M009T61971  
Servicing: MAN  
Gear type GR, Mount. holes 3 (0)  
Alternative no.: 115886



**115573** Starter 12 V, 2.2 kW  
Replacing: M2T88371  
Servicing: Jeep  
B+ M8, Total length 226.00,  
Gear type GR, Mount. holes 3 (0)  
A: 82.50 B: 19.00 mm



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**115593** Starter 24 V, 5.5 kW  
Replacing: M9T64972, M9T64971, M9T61474,  
M9T61473, M009T64972, M009T64971,  
M009T61474, M009T61473  
Servicing: Renault V.I., Volvo  
B+ M10, B- M10, Total length 355.00,  
Gear type GR, Mount. holes 3 (0)  
Alternative no.: 115887   
A: 89.00 B: 47.00 mm



**115597** Starter 12 V, 1.4 kW  
Replacing: MOT35672, MOT35671,  
M000T35671  
Servicing: Chevrolet, Opel, Saab, Vauxhall  
B+ M8, Total length 198.15,  
Gear type GR, Mount. holes 3 (0)  
A: 68.50 B: 30.00 mm



**115599** Starter 12 V, 1.4 kW  
Replacing: MOT36371, M000T36371  
Servicing: Mazda  
B+ M8, Total length 210.20,  
Gear type GR, Mount. holes 2 (0)  
B: 22.00 mm



**115627** Starter 12 V, 2.0 kW  
Replacing: M2T85871, M002T85871  
Servicing: Honda  
B+ M8, Total length 248.50,  
Gear type GR, Mount. holes 2 (0)  
A: 75.00 B: 33.00 mm



**115639** Starter 12 V, 1.0 kW  
Replacing: MOT32771, M000T32771  
Servicing: Changan Ford Mazda, Mazda  
B+ M8, Total length 172.50,  
Gear type GR, Mount. holes 3 (3)  
A: 74.00 B: 15.50 mm



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**115640\*** Starter 12 V, 1.0 kW  
Replacing: MOT92981, M000T92981  
Servicing: Renault  
Gear type DD/GR, Mount. holes 3 (3)



**115727** Starter 12 V, 2.2 kW  
 Replacing: M2TS0671ZE, M2TS0671, M002TS0671ZE, M002TS0671  
 Servicing: Nissan  
 B+ M8, Total length 236.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 70.00 B: 31.00 mm



**115728** Starter 12 V, 1.2 kW  
 Replacing: MOT93381, M000T93381  
 Servicing: Renault  
 B+ M8, Total length 195.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 63.00 B: 0.00 mm



**115756** Starter 24 V, 7.0 kW  
 Replacing: M9T80271, M009T80271  
 Servicing: Renault V.I.  
 B+ M12, B- M12, Total length 389.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**115774** Starter 12 V, 1.1 kW  
 Manufacturer: Valeo  
 Replacing: MOT31675, MOT31671, M000T31675, M000T31671, 1810A008  
 Servicing: Mitsubishi  
 B+ M8, Total length 173.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 25.40 mm



**115778** Starter 12 V, 1.4 kW  
 Replacing: MOT88381, M000T88381  
 Servicing: Suzuki  
 B+ M8, Total length 196.00,  
 Gear type GR, Mount. holes 3 (2)  
 A: 65.00 B: -1.50 mm



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**115802** Starter 24 V, 3.2 kW  
 Replacing: M8T81571, M008T81571  
 Servicing: John Deere, New Holland  
 B+ M8, Total length 259.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 21.50 mm



**115830** Starter 12 V, 2.0 kW  
 Replacing: M2T86271, M002T86271  
 Servicing: Chevrolet, Opel, Vauxhall  
 B+ M8, Total length 232.50,  
 Gear type GR, Mount. holes 2 (1)  
 A: 78.00 B: 18.00 mm



**115842** Starter 12 V, 1.0 kW  
 Replacing: MOT45971ZT, MOT45971, M000T45971ZT  
 Servicing: Renault  
 B+ M8, Total length 177.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 62.00 B: 0.00 mm



**115875** Starter 24 V, 5.5 kW  
 Manufacturer: Mitsubishi  
 Replacing: M9T66371, M9T64171ZT, M9T64171, M9T62173, M9T62172, M009T66371, M009T64171ZT, M009T64171  
 Servicing: Renault V.I., Volvo  
 B+ M10, Total length 320.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 114872  
 A: 92.00 B: 47.00 mm



**115876** Starter 24 V, 7.0 kW  
 Manufacturer: Mitsubishi  
 Replacing: M9T83771  
 Servicing: Scania  
 B+ M10, Total length 348.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115439  
 A: 92.00 B: 47.50 mm



**115877** Starter 24 V, 5.5 kW  
 Manufacturer: Bosch  
 Replacing: M9T61471AM, M009T61471  
 Servicing: Renault V.I., Volvo  
 B+ M10, B- M10, Total length 344.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 114193  
 A: 89.00 B: 47.50 mm



**115880** 5★ Starter 24 V, 4.5 kW  
 Manufacturer: Denso  
 Replacing: M8T61671, M008T61671  
 Servicing: Iveco  
 B+ M8, B- M8, Total length 301.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 112822  
 A: 89.00 B: 49.00 mm



**115881** 5★ Starter 24 V, 5.5 kW  
 Manufacturer: Mitsubishi  
 Replacing: M9T61571, M9T60473, M9T60471,  
 M009T61571, M009T60473, M009T60471  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 350.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 113672  
 A: 92.00 B: 47.00 mm



**115882** 5★ Starter 24 V, 5.5 kW  
 Manufacturer: Mitsubishi  
 Replacing: M9T60371, M009T60372,  
 M009T60371  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 351.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 Alternative no.: 113673  
 A: 89.00 B: 40.00 mm



**115883** 5★ Starter 24 V, 5.5 kW  
 Manufacturer: Mitsubishi  
 Replacing: M9T60672, M9T60671,  
 M009T60672, M009T60671  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 352.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 113676  
 A: 89.00 B: 40.00 mm



**115884** 5★ Starter 24 V, 5.5 kW  
 Manufacturer: Bosch  
 Replacing: M9T61171ZA, M9T61171,  
 M009T61171  
 Servicing: Volvo  
 B+ M10, B- M10, Total length 342.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 113830  
 A: 92.00 B: 48.00 mm



**115885** 5★ Starter 24 V, 7.5 kW  
 Manufacturer: Mitsubishi  
 Replacing: M9T84771, M9T83672,  
 M9T83671, M9T80473, M9T80472, M9T80471,  
 M009T84771, M009T80473, M009T80472  
 Servicing: Mercedes-Benz  
 B+ M12, Total length 348.50,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 113851  
 A: 92.00 B: 47.50 mm



**115886** 5★ Starter 24 V, 5.5 kW  
 Manufacturer: Mitsubishi  
 Replacing: M9T61971, M009T61971  
 Servicing: MAN, Scania  
 B+ M10, Total length 320.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115556  
 A: 92.00 B: 47.50 mm



**115887** 5★ Starter 24 V, 5.5 kW  
 Manufacturer: Mitsubishi  
 Replacing: M9T64972, M9T64971, M9T61474,  
 M9T61473, M009T64972, M009T64971,  
 M009T61474, M009T61473  
 Servicing: Volvo  
 B+ M10, Total length 320.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115593  
 A: 89.00 B: 47.50 mm



**115888** 5★ Starter 24 V, 7.0 kW  
 Manufacturer: Mitsubishi  
 Replacing: M9T82672, M9T82671,  
 M009T82672, M009T82671  
 Servicing: Volvo  
 B+ M12, B- M12, Total length 380.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 114310  
 A: 92.00 B: 47.50 mm





**115889** Starter 24 V, 5.0 kW  
 Manufacturer: Mitsubishi  
 Replacing: M8T62471AM, M8T62471, M008T62471  
 Servicing: Dennis, Renault V.I., Volvo  
 B+ M10, Total length 296.50,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 114323  
 A: 89.00 B: 27.50 mm



**115894** Starter 24 V, 5.5 kW  
 Manufacturer: Mitsubishi  
 Replacing: M9T62671  
 Servicing: MAN, Renault V.I., Volvo  
 B+ M10, Total length 327.50,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 114733  
 A: 89.00 B: 27.00 mm



**115891** Starter 24 V, 5.0 kW  
 Manufacturer: Mitsubishi  
 Replacing: M8T62771, M008T62771  
 Servicing: MAN  
 B+ M10, Total length 230.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115731  
 A: 89.00 B: 28.00 mm



**115896** Starter 24 V, 5.5 kW  
 Manufacturer: Mitsubishi  
 Replacing: M9T66171, M9T65271, M9T64371, M009T66171, M009T65271, M009T64371  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 320.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 114086  
 A: 89.00 B: 48.00 mm



**115893** Starter 24 V, 7.2 kW  
 Manufacturer: Prestolite  
 Replacing: M9T80272, M9T80071, M009T80071  
 Servicing: Renault V.I.  
 B+ M12, B- M12, Total length 380.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 114100  
 A: 92.00 B: 47.00 mm



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**115991** Starter 12 V, 1.2 kW  
 Manufacturer: Mitsubishi  
 Replacing: M0T84281, M000T84281  
 Servicing: Perkins, Yanmar  
 B+ M8, Total length 195.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 17.00 mm



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**116087\*** Starter 24 V, 5.5 kW  
 Replacing: M9T65571, M009T65571  
 Servicing: MAN  
 Gear type GR, Mount. holes 3 (0)



**111043** Starter      12 V, 0.6 kW  
 Replacing: 9AR2714F, 9AR2714, 9AL5009F,  
 9AL5009  
 Servicing: Evinrude, Johnson  
 B+ M6, Total length 200.50,  
 Drive type Bronze, Gear type DD  
 A: 63.30      B: 43.50 mm

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**110412** Starter 12 V, 2.2 kW

Replacing: 0-21000-5231, 0-21000-5230, 0-21000-4231, 0-21000-4230, 0-21000-3730

Servicing: Isuzu, John Deere, TCM

B+ M8, Total length 233.80, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 95.00 B: 20.30 mm


**110555** Starter 24 V, 7.5 kW

Manufacturer: Nikko

Replacing: 0-23000-7022, 0-23000-3270, 0-23000-3186, 0-23000-3185, 0-23000-3184, 0-23000-3180, 0-23000-3153

Servicing: Komatsu

B+ M10x1.25, Total length 413.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

w/ safety switch.

A: 92.00 B: 46.00 mm


**110568** Starter 12 V, 2.2 kW

Replacing: 0-23000-0263, 0-23000-0262, 0-23000-0261, 0-23000-0260, 0-23000-0130

Servicing: Komatsu

B+ M8, Total length 315.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 20.00 mm


**110580** Starter 24 V, 4.5 kW

Replacing: 0-23000-3661, 0-23000-3016, 0-23000-3010, 0-23000-3000, 0-23000-1670, 0-23000-1061, 0-23000-1060

Servicing: Isuzu

B+ M10, Total length 297.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 41.00 mm


**110590** Starter 12 V, 2.8 kW

Replacing: 0-23000-1900, 0-23000-1860

Servicing: Bobcat, Perkins

B+ M10, Total length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Waterproof

Replacing: 22MT, 27MT, 28MT.

A: 88.90 B: 46.00 mm


**110602** Starter 12 V, 2.8 kW

Replacing: 0-23000-2160, 0-23000-1840

Servicing: Bobcat, Clark, Perkins

B+ M10, Total length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Oil sealed

Replacing: 22MT, 27MT, 28MT.

A: 89.00 B: 46.00 mm


**110604** Starter 12 V, 2.8 kW

Replacing: 0-23000-1890, 0-23000-1880

Servicing: Allis Chalmers, Carrier Transcold, Perkins

B+ M10, Total length 340.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Oil sealed

Replacing: 22MT, 27MT, 28MT.

A: 88.75 B: 46.45 mm


**110656** Starter 24 V, 5.5 kW

Replacing: 0-23000-2561, 0-23000-2560, 0-23000-1752, 0-23000-1750, 0-23000-1550, 0-23000-1410, 0-23000-1292

Servicing: Komatsu

B+ M10, Total length 368.00, Drive type Steel, Gear type GR, Mount. holes 2 (0) w/ safety switch.

A: 104.90 B: 13.50 mm


**111020** Starter 24 V, 7.5 kW

Replacing: 0-23000-8300, 0-23000-7021, 0-23000-7020, 0-23000-6533, 0-23000-6532, 0-23000-6531, 0-23000-6530

Servicing: Komatsu

B+ M10, Total length 407.00, Drive type Steel, Gear type GR, Mount. holes 3 (0), Oil sealed w/ safety switch.

A: 92.00 B: 47.00 mm


**111041** Starter 12 V, 2.8 kW

Replacing: 0-23000-1870, 0-23000-1830

Servicing: Fiat-Allis, Hyster, Perkins

B+ M10, Total length 338.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

Replacing: 22MT, 27MT, 28MT.

A: 88.85 B: 46.25 mm


**111212** Starter 24 V, 2.8 kW

Replacing: 0-23000-0333, 0-23000-0332, 0-23000-0331, 0-23000-0330, 0-23000-0063, 0-23000-0062, 0-23000-0061

Servicing: Komatsu

B+ M8, Total length 327.90, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 94.90 B: 20.00 mm


**111221** Starter 12 V, 2.5 kW

Replacing: 0-23000-2060

Servicing: Bobcat, Clark, John Deere

B+ M10, 15a M5, Total length 340.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

Replacing: 28MT.

A: 82.50 B: 33.00 mm





**111222** Starter 12 V, 2.8 kW  
 Replacing: 0-23000-2000  
 Servicing: Clark  
 B+ M10, 15a M5, Total length 338.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0),  
 Oil sealed  
 Replacing: 28MT.  
 A: 88.85 B: 19.80 mm



**111254** Starter 24 V, 4.5 kW  
 Replacing: 0-23000-2541, 0-23000-2540,  
 0-23000-2201, 0-23000-2103, 0-23000-2102,  
 0-23000-2101, 0-23000-2100  
 Servicing: John Deere  
 B+ M10, Total length 332.25, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 94.85 B: 19.20 mm



**111760** Starter 24 V, 4.5 kW  
 Replacing: 0-23000-2470, 0-23000-2270,  
 0-23000-2040, 0-23000-2031, 0-23000-2030  
 Servicing: Case, Cummins  
 B+ M10, Total length 339.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 7MT, 28MT.  
 A: 89.00 B: 45.00 mm



**111982** Starter 24 V, 4.0 kW  
 Replacing: 0-23000-2590, 0-23000-2358,  
 0-23000-2350  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 342.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.75 B: 45.00 mm



**112253** Starter 12 V, 2.5 kW  
 Replacing: 0-24000-3200, 0-23000-2480,  
 0-23000-2444, 0-23000-2440, 0-23000-2380,  
 0-23000-2234, 0-23000-2230  
 Servicing: Ford, Ingersoll Rand  
 B+ M10, Total length 342.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 28MT.  
 A: 88.80 B: 45.00 mm



**112267** Starter 12 V, 2.5 kW  
 Replacing: 0-23000-2460, 0-23000-2450,  
 0-23000-2434, 0-23000-2430, 0-23000-2020,  
 0-23000-1818, 0-23000-1810  
 Servicing: Bobcat, Cummins, Ford  
 B+ M10, Total length 339.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm



**112268** Starter 12 V, 2.8 kW  
 Replacing: 0-23000-2140, 0-23000-2010,  
 0-23000-1850  
 Servicing: Allis Chalmers, Hyster, Massey  
 Ferguson, New Holland  
 B+ M10, Total length 340.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0), Oil  
 sealed  
 Replacing: 28MT.  
 A: 89.00 B: 46.00 mm



**112341** Starter 12 V, 2.5 kW  
 Replacing: 0-23000-1588, 0-23000-1581,  
 0-23000-1580, 0-23000-1571, 0-23000-1570  
 Servicing: Chevrolet, GMC  
 B+ M10, Total length 337.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 Replacing: 7MT, 28MT.  
 A: 82.50 B: 9.00 mm



**112649** Starter 24 V, 4.5 kW  
 Replacing: 0-23000-2342, 0-23000-2341,  
 0-23000-2340, 0-23000-1073, 0-23000-1071,  
 0-23000-1070  
 Servicing: Isuzu  
 B+ M10, Total length 348.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 105.00 B: 39.50 mm



**112668** Starter 12 V, 2.5 kW  
 Replacing: 0-23000-2070  
 Servicing: Hough, Komatsu  
 B+ M10, Total length 338.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0)  
 Replacing: 28MT.  
 A: 89.00 B: 46.00 mm



**113435** Starter 24 V, 4.5 kW  
 Replacing: 0-23000-1940  
 Servicing: Hummer, Various  
 B+ M10, Total length 336.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 Replacing: 28MT.  
 A: 82.00 B: 7.50 mm



**113452** Starter 12 V, 2.5 kW  
 Replacing: 0-23000-2260  
 Servicing: Agco White  
 B+ M10, 15a M5, Total length 338.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (0),  
 Oil sealed  
 Replacing: 28MT.  
 A: 88.80 B: 45.00 mm



**114267** Starter 24 V, 4.5 kW  
 Replacing: 0-24000-3151, 0-24000-3150  
 Servicing: John Deere  
 B+ M10, Total length 288.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 105.00 B: 41.30 mm



**114442** Starter 24 V, 6.0 kW  
 Replacing: 0-23000-6072, 0-23000-6071,  
 0-23000-6070  
 Servicing: Isuzu  
 B+ M10, Total length 324.50,  
 Drive type Steel, Mount. holes 3 (0)  
 A: 105.00 B: 28.50 mm



**114164** Starter 24 V, 7.5 kW  
 Replacing: 0-23000-3286, 0-23000-3285,  
 0-23000-3280, 0-23000-2386  
 Servicing: Komatsu  
 B+ M12, Total length 395.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 w/ safety switch.  
 A: 92.00 B: 46.00 mm



**114324** Starter 24 V, 4.5 kW  
 Replacing: 0-24000-3251, 0-24000-3250,  
 0-24000-3123, 0-24000-3122, 0-24000-3120  
 Servicing: Hitachi, Isuzu  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 mm



**114474** Starter 24 V, 5.0 kW  
 Replacing: 0-24000-3041, 0-24000-3040  
 Servicing: Isuzu  
 B+ M10, Total length 287.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 45.00 mm



**114165** Starter 24 V, 7.5 kW  
 Replacing: 0-23000-7162, 0-23000-7161,  
 0-23000-7160  
 Servicing: Komatsu  
 B+ M10, Total length 410.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 44.55 mm



**114393** Starter 24 V, 7.5 kW  
 Replacing: 0-23000-7274, 0-23000-7273,  
 0-23000-7272, 0-23000-7271, 0-23000-7270  
 Servicing: Mitsubishi, Volvo, Volvo Penta  
 B+ M10, Total length 407.00, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 100.00 B: 50.00 mm



**114483** Starter 24 V, 4.5 kW  
 Replacing: 0-24000-3261, 0-24000-3260  
 Servicing: JCB  
 B+ M10, Total length 230.10,  
 Gear type GR, Mount. holes 3 (0)  
 A: 105.00 B: 41.00 mm



**114166** Starter 24 V, 7.5 kW  
 Replacing: 0-23000-6523, 0-23000-6521,  
 0-23000-6520, 0-23000-3522  
 Servicing: Komatsu  
 B+ M10, Total length 429.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 45.50 mm



**114396** Starter 24 V, 7.5 kW  
 Manufacturer: Nikko  
 Replacing: 0-23000-3360, 0-23000-3341,  
 0-23000-3340  
 Servicing: Komatsu  
 B+ M10, Total length 407.00,  
 Gear type DD/GR, Mount. holes 3 (0)  
 w/ rotating D.E. Bracket.  
 A: 92.00 B: 44.00 mm



**114659** Starter 24 V, 5.0 kW  
 Replacing: 0-24000-0178, 0-24000-0168,  
 0-24000-0148  
 Servicing: Case, Hitachi, JCB  
 B+ M10, Total length 306.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (1)  
 A: 90.00 B: 12.90 mm

## STARTERS



**114710** Starter 24 V, 4.0 kW

Replacing: 0-23000-2374, 0-23000-2373,  
0-23000-2372, 0-23000-2371, 0-23000-2370

Servicing: Cummins

B+ M10, 15a M5, Total length 340.00,

Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 46.00 mm



**115954** Starter 24 V, 3.0 kW

Replacing: 0-24000-0040, 0-24000-0030

Servicing: Komatsu

B+ M10, Total length 297.00,

Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.00 mm





**110525** Starter 12 V, 3.0 kW

Replacing: 35259380

Servicing: Claas, Mercedes-Benz

B+ M10, Total length 341.00,

Drive type Steel, Gear type DD,

Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



**110389** Starter 12 V, 2.0 kW  
 Replacing: 03101-3051, 03101-3050  
 Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki  
 B+ M8, Total length 232.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)  
 A: 88.00 B: 6.00 mm



**112502** Starter 24 V, 4.5 kW  
 Replacing: 03112-7021  
 Servicing: Daewoo  
 B+ M10, Total length 293.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)  
 A: 105.00 B: 42.30 mm



**114762** Starter 12 V, 2.2 kW  
 Replacing: 03111-4200  
 Servicing: Kia  
 B+ M8, Total length 283.00, Gear type GR, Mount. holes 3 (0)  
 A: 88.00 B: 44.50 mm



**111065** Starter 12 V, 2.2 kW  
 Replacing: 03111-4041, 03111-4040  
 Servicing: Daewoo, Mercedes-Benz, Ssangyong  
 B+ M8, Total length 276.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 82.30 B: 26.50 mm



**113327** Starter 12 V, 2.2 kW  
 Replacing: 03111-4140  
 Servicing: Kia  
 B+ M8, Total length 236.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)  
 A: 64.00 B: 4.50 mm



**111683** Starter 12 V, 2.0 kW  
 Replacing: 03101-3031, 03101-3030  
 Servicing: Chevrolet, Clark, GMC, Iseki, Isuzu, Opel, TCM  
 B+ M8, Total length 232.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 A: 95.00 B: 19.50 mm



**113329** Starter 12 V, 2.0 kW  
 Replacing: 03101-3220, 03101-3210, 03101-3190, 03101-3170  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 223.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 82.40 B: 25.00 mm



**112344** Starter 12 V, 2.5 kW  
 Replacing: 03111-5021, 03111-5020  
 Servicing: Daewoo  
 B+ M12, Total length 298.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 A: 105.00 B: 41.50 mm



**114732** Starter 12 V, 2.2 kW  
 Replacing: 03111-4241, 03111-4240  
 Servicing: Hyundai  
 B+ M8, Total length 237.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)  
 A: 64.00 B: 13.00 mm



**110240** Starter 12 V, 0.6 kW  
 Replacing: POA4002, POA4001, MGD4115, MGD4110, MGD4106  
 Servicing: Johnson  
 B+ M8, Total length 209.00, Drive type Steel, Gear type DD, Mount. holes 1 (0)  
 A: 63.40 B: 44.00 mm



**110645** Starter 12 V, 0.9 kW  
 Replacing: MJL4005  
 Servicing: Johnson  
 B+ 1/4" UNC, Total length 253.00, Drive type Bronze, Gear type DD, Mount. holes 1 (0)  
 A: 63.50 B: 43.50 mm



**110793** Starter 12 V, 0.9 kW  
 Replacing: 11925115  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 221.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)  
 A: 66.00 B: 22.00 mm



**110518** Starter 24 V, 4.0 kW  
 Replacing: 858320  
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 27.00 mm



**110647** Starter 12 V, 0.6 kW  
 Replacing: MKW4008, MKW4006, MGD4113, MGD4013, MGD4007A, MGD4007, MCD4007  
 Servicing: Evinrude, Johnson  
 B+ 1/4" UNC, Total length 208.00, Drive type Bronze, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 B: 61.00 mm



**110999** Starter 24 V  
 Replacing: MFY6601K, MFY6601I, MFY6401L, MFY6401K, MFY6201K, MFY6201I  
 Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo  
 B+ 1/2" UNC, B- 1/2" UNC, Total length 499.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return, Oil sealed  
 Replacing: 42MT.  
 A: 92.00 B: 46.50 mm



**110636** Starter 12 V, 0.6 kW  
 Replacing: MKW4005, MGL4014, MGL4013, MGL4002  
 Servicing: Chrysler  
 B+ 1/4" UNC, Total length 262.00, Drive type Bronze, Gear type DD, Mount. holes 2 (2)  
 A: 63.30 B: 64.00 mm



**110648** Starter 12 V, 0.7 kW  
 Replacing: MGL4001B, MGD4108A, MGD4108  
 Servicing: Mariner, Mercury  
 B+ 1/4" UNC, Total length 263.00, Drive type Bronze, Gear type DD, Mount. holes 1 (0)  
 A: 54.80 B: 48.00 mm



**111000** Starter 24 V, 6.5 kW  
 Replacing: 855694  
 Servicing: Caterpillar, Clark, Cummins, Fiat-Allis  
 B+ 1/2" UNC, B- 1/2" UNC, Total length 497.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return, Oil sealed  
 w/ rotating D.E. Bracket. Replacing: 42MT.  
 A: 92.00 B: 46.00 mm



**110644** Starter 12 V, 0.6 kW  
 Replacing: POC4001, MKW4001, MGL4109, MGL4008  
 Servicing: Johnson  
 B+ 1/4" UNC, Total length 228.00, Drive type Bronze, Gear type DD, Mount. holes 2 (0)  
 A: 63.00 B: 44.00 mm



**110649** Starter 12 V, 0.8 kW  
 Replacing: MJL4003B, MJL4002A, MJL4002, MGL4012  
 Servicing: Mercury  
 B+ M6, Total length 290.00, Drive type Bronze, Gear type DD, Mount. holes 1 (0)  
 A: 54.80 B: 45.30 mm



**111043** Starter 12 V, 0.6 kW  
 Replacing: POB4001, MGD4102C, MGD4102A, MGD4002M, MGD4002C, MGD4002A, MDW4204M, MDW4002M, MDH4102M, MDH4002M  
 Servicing: Evinrude, Johnson  
 B+ M6, Total length 200.50, Drive type Bronze, Gear type DD  
 A: 63.30 B: 43.50 mm





**111218** Starter 24 V, 5.4 kW  
 Replacing: 860543  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 388.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 48.00 mm



**111219** Starter 24 V, 6.6 kW  
 Replacing: 860541  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 47.40 mm



**111231** Starter 24 V, 6.6 kW  
 Replacing: 860507  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 405.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 40.25 mm



**111771** Starter 24 V, 6.2 kW  
 Replacing: 860705  
 Servicing: Mercedes-Benz  
 B+ M12, Total length 405.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**111910** Starter 24 V, 6.7 kW  
 Replacing: 860305Z  
 Servicing: Scania  
 B+ M12, B- M10, Total length 429.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**112055** Starter 24 V, 5.2 kW  
 Manufacturer: Bosch  
 Replacing: 861035  
 Servicing: DAF  
 B+ M10, Total length 340.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 48.00 mm



**112130** Starter 12 V  
 Replacing: MHA7013, MHA7010, MDY7054,  
 MDY6139  
 Servicing: Volvo Penta  
 B+ M8, 15a M5, Total length 302.75,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 A: 82.30 B: 10.50 mm



**112224** Starter 24 V, 6.7 kW  
 Replacing: 860650  
 Servicing: Scania  
 B+ M12, Total length 428.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 92.00 B: 48.00 mm



**112249** Starter 12 V, 2.7 kW  
 Replacing: MEO6005  
 Servicing: Mercedes-Benz, Various  
 Agriculture Vehicles  
 B+ M10, Total length 295.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 82.50 B: 21.50 mm



**113672** Starter 24 V, 5.5 kW  
 Replacing: 860616  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 350.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 w/ safety switch.  
 Alternative no.: 115881   
 A: 91.90 B: 47.00 mm



**113827** Starter 24 V, 7.0 kW  
 Replacing: M105R3507SE  
 Servicing: Cummins, Various Industrial  
 applications  
 B+ M12, B- M12, Total length 406.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 92.00 B: 46.95 mm



11,12


**114001** Starter 24 V, 4.0 kW

Replacing: 860813

Servicing: MAN

 B+ M10, Total length 317.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
*w/ safety switch.*

A: 89.00 B: 29.00 mm



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**114388** Starter 12 V, 3.2 kW

Manufacturer: Mahle Letrika

Replacing: 860715

Servicing: Hattat Tarim, JCB, Perkins

 B+ M8, B- M8, 30h M10,  
 Total length 296.50, Gear type GR,  
 Mount. holes 3 (0)  
*Iskra version.*

A: 89.00 B: 29.50 mm



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**115881** Starter 24 V, 5.5 kW

Manufacturer: Mitsubishi

Replacing: 860616

Servicing: Renault V.I.

 B+ M10, B- M10, Total length 350.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 113672

A: 92.00 B: 47.00 mm



10

**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**116078\*** Starter 12 V, 1.4 kW

Replacing: 8MR2349

Servicing: Harley Davidson

## STARTERS



**110205** Starter 24 V, 6.5 kW  
 Replacing: 19024075  
 Servicing: Volvo  
 B+ M10, Total length 407.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0), Waterproof  
 A: 89.00 B: 47.50 mm



**110206** Starter 24 V, 5.4 kW  
 Replacing: 35032VL, 19024109, 19024025,  
 19024010  
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Neoplan, Setra  
 B+ M12, B- M10, Total length 390.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**110207** Starter 24 V, 5.4 kW  
 Replacing: 19024553, 19024013  
 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110208** Starter 24 V, 5.4 kW  
 Replacing: 19024576, 19024555, 19024099,  
 19024037, 19024016, 19024015  
 Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo  
 B+ M10, B- M10, Total length 387.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Oil sealed, Waterproof  
 A: 89.00 B: 48.50 mm



**110210** Starter 24 V, 6.6 kW  
 Replacing: 19024051  
 Servicing: Fiat-Allis, Kässbohrer, MAN,  
 Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong  
 B+ M12, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 48.50 mm



**110212** Starter 24 V, 6.6 kW  
 Replacing: 19024078, 19024042  
 Servicing: Iveco, Scania  
 B+ M10, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.65 mm



**110213** Starter 24 V, 6.6 kW  
 Replacing: 19024053  
 Servicing: Fiat, Iveco  
 B+ M12, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 115.00 B: 20.80 mm



**110214** Starter 24 V, 6.6 kW  
 Replacing: 19024077  
 Servicing: Scania  
 B+ M10, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 92.00 B: 37.00 mm



**110216** Starter 12 V, 1.4 kW  
 Replacing: 1998590, 1998589, 1998584,  
 1998583, 1998574, 1998570, 1998569,  
 1998568, 1998566, 1998562, 1998561  
 Servicing: Buick, Cadillac, Chevrolet, GMC,  
 Mercruiser, Oldsmobile, OMC, Pontiac  
 B+ M8, 15a M5, Total length 234.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 Replacing: 10MT.  
 B: 18.50 mm



**110218** Starter 12 V  
 Replacing: 1998579, 1109431, 1109072,  
 1109026, 1109022, 1108794, 1108766,  
 1108765, 1108759, 1108758, 1108519  
 Servicing: Buick, Cadillac, Oldsmobile, Pontiac  
 B+ 3/8" UNC, 15a M4,  
 Total length 287.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 Replacing: 10MT.  
 A: 82.30 B: 8.00 mm



**110221** Starter 12 V, 1.2 kW  
 Replacing: 323-427, 323-422, 323-421, 323-  
 411, 1998544, 1998530, 1998526, 1998521,  
 1998515, 1998514, 1998450  
 Servicing: Buick, Chevrolet, GMC,  
 Oldsmobile, Pontiac  
 B+ M8, Total length 267.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 Replacing: 8MT.  
 B: 16.00 mm





**110225** Starter 12 V  
 Replacing: 10465075  
 Servicing: Ford, Lincoln, Mercury  
 B+ M8, Total length 252.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 Marine type ACR: HC-CARGO 111213.  
 A: 105.00 B: 16.50 mm



**110231** Starter 12 V  
 Replacing: 10465082, 10465081  
 Servicing: American Motors, Jeep  
 B+ 1/4" UNC, Total length 265.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (1)  
 A: 82.50 B: 16.50 mm



**110241** Starter 12 V, 0.8 kW  
 Replacing: 1113577, 1113569, 1113553,  
 1113552, 1113518, 1113510  
 Servicing: Mercury  
 B+ 1/4" UNC, Total length 210.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (2)  
 A: 54.00 B: 0.50 mm



**110347** Starter 24 V, 7.5 kW  
 Replacing: 1993840, 1990284, 1990276,  
 1990274, 1990273, 1990272, 1990271,  
 1990270, 1990269, 1990268, 1990266  
 Servicing: Caterpillar, Clark, Fiat-Allis, Iveco  
 B+ 1/2" UNC, B- 1/2" UNC,  
 Total length 522.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 50MT.  
 A: 92.00 B: 47.00 mm



**110352** Starter 12 V, 1.3 kW  
 Replacing: 19024839  
 Servicing: Fiat, Lada  
 B+ M8, Total length 237.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 3 (3)  
 A: 83.00 B: 22.30 mm



**110364** Starter 12 V, 0.65 kW  
 Replacing: 3471390, 3471171, 3471163,  
 3471143, 171, 163  
 Servicing: Opel, Vauxhall  
 B+ M8, 15a 6.30, Total length 229.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 A: 68.00 B: 14.00 mm



**110368** Starter 12 V, 2.3 kW  
 Replacing: 19024249, 19024239  
 Servicing: Audi, Mercedes-Benz, Volvo  
 B+ M10, Total length 289.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (2)  
 A: 82.50 B: 21.00 mm



**110394** Starter 12 V, 0.85 kW  
 Replacing: 323-540  
 Servicing: Chevrolet, GEO, Suzuki  
 B+ M8, Total length 207.00,  
 Drive type Steel, Gear type DD/GR,  
 Mount. holes 2 (0)  
 A: 65.85 B: 4.35 mm



**110409** Starter 12 V, 3.0 kW  
 Replacing: 19024563, 19024001  
 Servicing: Kaelble, Mack, Sennebogen  
 B+ M10, Total length 384.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110414** Starter 12 V  
 Replacing: 1109534, 1109527, 1109524, 1109521  
 Servicing: American Motors, Buick,  
 Chevrolet, GMC, Jeep, Oldsmobile, Pontiac  
 B+ M10, 15a 8-32 UNC,  
 Total length 286.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 Replacing: 8MT.  
 A: 68.10 B: 16.00 mm



**110436** Starter 12 V  
 Replacing: 323-855, 323-830, 323-829,  
 1993983, 1993961, 1993943, 1993942,  
 1993939, 1993938, 1993937, 1993935  
 Servicing: Caterpillar, Clark, Mack, Various  
 B+ 1/2" UNC, B- 1/2" UNC,  
 Total length 496.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0),  
 Insulated return, Oil sealed  
 Replacing: 42MT.  
 A: 92.00 B: 46.00 mm



**110468** Starter 12 V  
 Replacing: 1998267, 1998266, 1109091,  
 1109090, 1108197, 1107378, 1107377  
 Servicing: Bobcat, Clark, Hyster, Various  
 Agriculture Vehicles  
 B+ 3/8" UNC, 15a 8-32 UNC,  
 Total length 307.00, Drive type Steel,  
 Gear type DD, Clutch type Wet,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 10MT.  
 A: 88.65 B: 20.50 mm


**110469** Starter 12 V

Replacing: 1998281, 1998270, 1998269, 1109093, 1108421, 1107203, 10455355, 10455340, 10455304

Servicing: Bobcat, Various Agriculture Vehicles

B+ M10, 15a M5, Total length 306.70,

Drive type Steel, Gear type DD,

Clutch type Dry, Mount. holes 3 (0)

Replacing: 10MT.

A: 88.60 B: 44.50 mm


**110472** Starter 12 V

Replacing: 1998337, 1107582, 1107557

Servicing: Hyster

B+ 3/8" UNC, 15a M4, Total length 343.00,

Drive type Steel, Gear type DD, Oil sealed,

Clutch type Wet, Mount. holes 3 (0)

Replacing: 20MT.

A: 89.00 B: 47.50 mm


**110485** Starter 12 V, 1.4 kW

Replacing: 10465584, 10465440

Servicing: Thermo King, Yanmar

B+ M8, Total length 191.00, Drive type Steel,

Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.00 mm


**110491** Starter 12 V, 1.4 kW

Replacing: 1998274, 1109098, 1108505, 1107209

Servicing: Allis Chalmers, Hyster

B+ M10, Total length 305.00,

Drive type Steel, Gear type DD,

Clutch type Dry, Mount. holes 3 (0)

Replacing: 10MT.

A: 88.00 B: 45.00 mm


**110506** Starter 12 V

Replacing: 1998271, 1109095, 1108423, 1108422, 1107295, 1107287, 1107205, 1107204, 1107194

Servicing: Hyster

B+ M10, 15a M4, Total length 305.00,

Drive type Steel, Gear type DD,

Clutch type Wet, Mount. holes 3 (0),

Oil sealed

Replacing: 10MT.

A: 89.00 B: 47.00 mm


**110509** Starter 12 V, 1.4 kW

Replacing: 3182972

Servicing: American Motors, Jeep

B+ M8, Total length 265.50, Drive type Steel,

Gear type DD, Mount. holes 2 (1)

A: 82.50 B: 17.00 mm


**110517** Starter 24 V, 3.2 kW

Replacing: 19024242

Servicing: BENFRA, Fiat-Allis, Iveco

B+ M10, Total length 295.00, Drive type Steel,

Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110518** Starter 24 V, 4.0 kW

Replacing: 19024256, 19024232

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 342.00, Drive type Steel,

Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110519** Starter 12 V, 3.0 kW

Replacing: 19024229

Servicing: Iveco, Volvo

B+ M10, Total length 340.50,

Drive type Steel, Gear type DD,

Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


**110520** Starter 24 V, 4.0 kW

Replacing: 19024201

Servicing: Cummins, Fiat-Allis

B+ M10, Total length 343.00,

Drive type Steel, Gear type DD,

Mount. holes 3 (0)

A: 89.00 B: 47.50 mm


**110521** Starter 24 V, 4.0 kW

Replacing: 19024273, 19024231

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 343.00,

Drive type Steel, Gear type DD,

Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


**110522** Starter 12 V, 3.0 kW

Replacing: 19024253, 19024202

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

B+ M10, Total length 341.00,

Drive type Steel, Gear type DD,

Mount. holes 3 (0)

A: 110.00 B: 26.50 mm





**110523** Starter 24 V, 4.8 kW  
 Replacing: 19024813, 19024234, 19024226  
 Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader  
 B+ M10, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 27.50 mm



**110529** Starter 12 V, 3.0 kW  
 Replacing: 19024272, 19024230  
 Servicing: Agrifull, BENFRA, Fiat, Fiat-Allis, Iveco  
 B+ M10, Total length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 30.00 mm



**110533** Starter 24 V, 5.4 kW  
 Replacing: 19024011  
 Servicing: Steyr  
 B+ M10, B- M10, Total length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm



**110524** Starter 24 V, 4.0 kW  
 Replacing: DRX67131, 19024258, 19024236, 19024225, 19024204, 10479627  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110530** Starter 12 V, 3.0 kW  
 Replacing: 19024238  
 Servicing: Huerlimann, Lamborghini, Same  
 B+ M10, Total length 342.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 82.50 B: 22.00 mm



**110534** Starter 24 V, 5.4 kW  
 Replacing: 19024030  
 Servicing: Ford, Iveco, Various Agriculture Vehicles  
 B+ M10, Total length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110525** Starter 12 V, 3.0 kW  
 Replacing: 19024223, 19024205  
 Servicing: Claas, Mercedes-Benz  
 B+ M10, Total length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**110531** Starter 24 V, 6.6 kW  
 Replacing: 19024071  
 Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz  
 B+ M12, B- M10, Total length 405.00, Drive type Steel, Gear type DD, Mount. holes 0 (0)  
 A: 56.00 B: 37.00 mm



**110535** Starter 24 V, 5.4 kW  
 Replacing: 19024035  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110527** Starter 24 V, 4.0 kW  
 Replacing: 19024233  
 Servicing: Scania, Steyr  
 B+ M10, Total length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 Not Insulated return.  
 A: 89.00 B: 46.50 mm



**110532** Starter 24 V, 6.6 kW  
 Replacing: 19024054  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof  
 A: 115.00 B: 21.00 mm



**110536** Starter 12 V, 2.7 kW  
 Replacing: 19024824, 19024252, 19024235, 19024224  
 Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz  
 B+ M10, Total length 234.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 116086   
 A: 89.00 B: 28.00 mm

## STARTERS





**110537** Starter 12 V, 3.6 kW  
 Replacing: 19024562, 19024561, 19024000  
 Servicing: Volvo BM  
 B+ M10, B- M10, Total length 384.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110538** Starter 12 V, 3.6 kW  
 Replacing: 19024005  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 384.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 47.00 mm



**110539** Starter 12 V, 3.6 kW  
 Replacing: 19024008  
 Servicing: Claas, Mercedes-Benz, New Holland  
 B+ M10, B- M10, Total length 384.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**110551** Starter 12 V, 3.0 kW  
 Replacing: 19024815  
 Servicing: Lamborghini, Same, Ursus, Zetor  
 B+ M10, Total length 326.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**110565** Starter 12 V, 2.8 kW  
 Replacing: 19024817  
 Servicing: Eicher, Massey Ferguson  
 B+ M8, Total length 313.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 4 KW: HC-CARGO 115392.  
 A: 89.00 B: 29.50 mm



**110569** Starter 12 V  
 Replacing: 1113683, 1113652  
 Servicing: Hyster  
 B+ M10, 15a M4, Total length 405.00,  
 Drive type Steel, Gear type DD, Oil sealed,  
 Clutch type Wet, Mount. holes 3 (0)  
 Replacing: 35MT.  
 A: 89.00 B: 47.25 mm



**110582** Starter 24 V, 5.4 kW  
 Replacing: 19024046, 19024018  
 Servicing: Iveco  
 B+ M10, B- M10, Total length 384.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**110590** Starter 12 V, 2.8 kW  
 Replacing: 1998480, 1998376, 1998359,  
 1998342, 1998335, 1998330, 1113282,  
 1113281, 1109263, 1109261, 1109253  
 Servicing: Bobcat, Perkins  
 B+ M10, Total length 339.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0),  
 Waterproof  
 Replacing: 22MT, 27MT, 28MT.  
 A: 88.90 B: 46.00 mm



**110601** Starter 24 V, 5.4 kW  
 Replacing: 19024578  
 Servicing: Mercedes-Benz, Steyr  
 B+ M10, Total length 386.25,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 88.85 B: 47.50 mm



**110602** Starter 12 V, 2.8 kW  
 Replacing: 1998339, 1113273, 1108692, 1107588,  
 10479613, 10465420, 10465348, 10465058  
 Servicing: Bobcat, Clark, Perkins  
 B+ M10, Total length 339.00, Drive type Steel,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 22MT, 28MT.  
 A: 89.00 B: 46.00 mm



**110604** Starter 12 V, 2.8 kW  
 Replacing: 1998409, 1998394, 1998378,  
 1998338, 1998334, 1113280, 1113279,  
 1109272, 1107587, 1107567, 10465048  
 Servicing: Allis Chalmers, Carrier Transcold,  
 Perkins  
 B+ M10, Total length 340.00, Drive type Steel,  
 Gear type GR, Clutch type Dry,  
 Mount. holes 3 (0), Oil sealed  
 Replacing: 22MT, 27MT, 28MT.  
 A: 88.75 B: 46.45 mm



**110807** Starter 12 V, 0.85 kW  
 Replacing: 111018  
 Servicing: Ford, Kia, Mazda, Opel  
 B+ M8, Total length 197.25, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 70.00 B: 20.50 mm



8,10


**110808** Starter 12 V, 0.85 kW

Replacing: 112816, 111089

Servicing: Ford, Kia, Mazda

B+ M8, Total length 207.50, Drive type Steel, Gear type DD/GR, Mount. holes 3 (2)

A: 74.00 B: 14.50 mm



9


**110812** Starter 12 V, 2.0 kW

Replacing: 19024241

Servicing: Alfa Romeo, Fiat, Seat

B+ M10, Total length 293.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm



9


**110814** Starter 12 V, 2.7 kW

Replacing: 19024255

Servicing: Alfa Romeo, BENFRA, Fiat, Iveco, Lancia, Massey Ferguson, Renault

B+ M10, Total length 296.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.80 mm



10


**110819** Starter 12 V, 2.8 kW

Replacing: 19024821

Servicing: Eicher, Massey Ferguson, Perkins

B+ M8, Total length 311.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 23.00 mm



9,10


**110839** Starter 12 V, 1.7 kW

Replacing: 3471396

Servicing: Opel, Vauxhall

B+ M8, Total length 269.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 82.00 B: 19.60 mm



11


**110932** Starter 24 V, 5.4 kW

Replacing: 19024040

Servicing: DAF

B+ M10, B- M10, Total length 384.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return

A: 88.85 B: 47.00 mm



12


**110980** Starter 24 V, 5.4 kW

Replacing: 19024048

Servicing: Volvo

B+ M10, B- M10, Total length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



11


**110981** Starter 24 V, 5.4 kW

Replacing: 19024106, 19024049

Servicing: DAF

B+ M12, B- M10, Total length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 47.50 mm



12


**110999** Starter 24 V

Replacing: 1993945, 1993833, 1993815, 1993814, 1993808, 1993804, 1993797, 1993796, 1993704, 1990809, 1990497

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo

 B+ 1/2" UNC, B- 1/2" UNC, Total length 499.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return, Oil sealed  
 Replacing: 42MT.

A: 92.00 B: 46.50 mm



11


**111000** Starter 24 V, 6.5 kW

Replacing: 199903, 1993924, 1993842, 1993810, 1993805, 1993802, 1993700, 1990838, 1990493, 1990491, 1990485

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

 B+ 1/2" UNC, B- 1/2" UNC, Total length 497.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return, Oil sealed  
 w/ rotating D.E. Bracket. Replacing: 42MT.

A: 92.00 B: 46.00 mm



9,11


**111001** Starter 12 V, 3.0 kW

Replacing: 19024250

Servicing: Lamborghini, Same, Steyr

B+ M10, Total length 340.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 21.60 mm





**111003** Starter 24 V, 5.4 kW  
 Replacing: 19024012  
 Servicing: Hanomag, Mercedes-Benz  
 B+ M10, B- M10, Total length 387.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Waterproof  
 A: 89.00 B: 47.50 mm



**111025** Starter 12 V, 0.8 kW  
 Replacing: 19024838  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M8, Total length 209.00, Drive type Steel,  
 Gear type DD/GR, Mount. holes 3 (2)  
 A: 64.00 B: 11.00 mm



**111034** Starter 12 V, 1.2 kW  
 Replacing: 1998524, 1998427, 1109064,  
 1108776, 10465393, 10465065, 10455070,  
 10455054, 10455050, 10455042  
 Servicing: Chevrolet, GMC, Isuzu, Jeep,  
 Oldsmobile, Pontiac  
 B+ M8, Total length 270.00,  
 Gear type DD, Mount. holes 2 (0)  
 Replacing: SD260.  
 A: 67.80 B: 18.00 mm



**111041** Starter 12 V, 2.8 kW  
 Replacing: 1998481, 1998387, 1998383,  
 1998336, 1113278, 1113275, 1109550,  
 1107580, 10465406, 10465046  
 Servicing: Fiat-Allis, Hyster, Perkins  
 B+ M10, Total length 338.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 22MT, 27MT, 28MT.  
 A: 88.85 B: 46.25 mm



**111046** Starter 24 V, 6.6 kW  
 Replacing: 19024052  
 Servicing: MAN, Volvo  
 B+ M10, Total length 404.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.85 B: 48.00 mm



**111049** Starter 12 V  
 Replacing: 1998576, 1109439  
 Servicing: Hyster, Various, Various Agriculture  
 Vehicles  
 B+ M8, 15a M5, Total length 304.00,  
 Drive type Steel, Gear type DD, Oil sealed,  
 Clutch type Wet, Mount. holes 3 (0)  
 Replacing: 10MT.  
 A: 89.00 B: 46.25 mm



**111055** Starter 12 V, 0.7 kW  
 Replacing: 9000781, 3491190, 3471393,  
 3471371, 3471177, 3471172, 3471168,  
 3471150, 177, 172, 168, 150  
 Servicing: Opel, Pontiac, Vauxhall  
 B+ M8, 15a 6.30, Total length 229.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 A: 67.95 B: 18.25 mm



**111065** Starter 12 V, 2.2 kW  
 Replacing: 110397  
 Servicing: Daewoo, Mercedes-Benz, Ssangyong  
 B+ M8, Total length 276.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (2)  
 A: 82.30 B: 26.50 mm



**111122** Starter 12 V, 1.0 kW  
 Replacing: 3471850, 3471174, 3471170, 174  
 Servicing: Opel, Vauxhall  
 B+ M8, 15a 6.30, Total length 245.15,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (1)  
 A: 82.40 B: 17.00 mm



**111123** Starter 12 V, 0.9 kW  
 Replacing: 96208781, 9000981, 9000795,  
 10455506  
 Servicing: Chevrolet, Daewoo, Fiat,  
 Mercedes-Benz, Opel, Vauxhall  
 B+ M8, Total length 208.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 67.95 B: 18.55 mm



**111127** Starter 12 V, 1.4 kW  
 Replacing: X16478, 9000802, 9000791,  
 9000785, 9000772, 9000758, 9000756,  
 9000751, 9000700, 3471173, 3471169  
 Servicing: Opel, Pontiac, Vauxhall  
 B+ M8, Total length 183.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 Replacing: PG100.  
 A: 68.00 B: 18.00 mm



**111190** Starter 12 V  
 Replacing: 1998210, 1109422, 1109088,  
 1109087, 1108508, 1107379, 1107308, 10455332  
 Servicing: Caterpillar, Clark  
 B+ 3/8" UNF, 15a M4, Total length 303.45,  
 Drive type Steel, Gear type DD, Oil sealed,  
 Clutch type Wet, Mount. holes 3 (0)  
 Replacing: 10MT.  
 A: 88.70 B: 21.00 mm





**111217** Starter 12 V, 3.0 kW  
 Replacing: 19024566, 19024565  
 Servicing: Volvo, Volvo BM  
 B+ M10, B- M10, Total length 386.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**111218** Starter 24 V, 5.4 kW  
 Replacing: 19024028  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 388.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 48.00 mm



**111219** Starter 24 V, 6.6 kW  
 Replacing: 19024063, 19024047  
 Servicing: Volvo Penta  
 B+ M10, B- M10, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 47.40 mm



**111221** Starter 12 V, 2.5 kW  
 Replacing: 1113271, 1109251, 1107871,  
 1107863, 1107599, 1107577  
 Servicing: Bobcat, Clark, John Deere  
 B+ M10, 15a M5, Total length 340.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 Replacing: 28MT.  
 A: 82.50 B: 33.00 mm



**111222** Starter 12 V, 2.8 kW  
 Replacing: 1998389, 1113288, 1109540  
 Servicing: Clark  
 B+ M10, 15a M5, Total length 338.00,  
 Drive type Steel, Gear type GR, Oil sealed,  
 Clutch type Wet, Mount. holes 3 (0)  
 Replacing: 28MT.  
 A: 88.85 B: 19.80 mm



**111224** Starter 12 V, 4.0 kW  
 Replacing: 1993988, 1993894, 1993886,  
 1993881, 1993799, 1993790, 1993769,  
 1993762, 1993754, 1993712, 1993705  
 Servicing: John Deere  
 B+ M10, Total length 402.50, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0), Oil sealed  
 Replacing: 37MT.  
 A: 88.90 B: 47.60 mm



**111231** Starter 24 V, 6.6 kW  
 Replacing: 19024080  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 405.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 40.25 mm



**111258** Starter 12 V  
 Replacing: 1998225, 1970445, 1876552,  
 1109074, 1109067, 1109059, 1109029,  
 1108799, 1108788, 1108783, 1108775  
 Servicing: Buick, Chevrolet, GMC,  
 Oldsmobile, Pontiac  
 B+ M10, 15a M4, Total length 292.75,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0)  
 Replacing: 10MT.  
 A: 71.15 B: 5.85 mm



**111259** Starter 12 V, 1.3 kW  
 Replacing: 1998305, 1109568, 1109430, 1108511  
 Servicing: Case  
 B+ M10, 15a M5, Total length 305.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 10MT.  
 A: 88.70 B: 19.00 mm



**111260** Starter 12 V, 1.4 kW  
 Replacing: 1998313, 1109446, 1107681, 1107655  
 Servicing: Case  
 B+ M10, 15a M4, Total length 277.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 Replacing: 10MT.  
 A: 82.35 B: 17.75 mm



**111277** Starter 12 V  
 Replacing: 1998580, 1998318, 1998317,  
 1109490, 1109489, 1109488, 1109487,  
 1109486, 1108756, 1108755  
 Servicing: Chevrolet, GMC, Mercruiser, OMC  
 B+ M10, 15a M4, Total length 294.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 Replacing: 10MT.  
 A: 82.60 B: 19.45 mm



**111383** Starter 12 V, 2.8 kW  
 Replacing: 1113285  
 Servicing: Bobcat, Clark  
 B+ M10, 15a M5, Total length 341.50,  
 Drive type Steel, Gear type GR, Oil sealed,  
 Clutch type Wet, Mount. holes 3 (0)  
 Replacing: 28MT.  
 A: 89.00 B: 46.00 mm



**111399** Starter 24 V, 4.0 kW  
 Replacing: 19024262  
 Servicing: DAF  
 B+ M10, B- M8, Total length 352.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 38.00 mm



**111640** Starter 24 V, 4.0 kW  
 Replacing: 19024264  
 Servicing: MAN  
 B+ M10, Total length 338.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 88.50 B: 28.00 mm



**111683** Starter 12 V, 2.0 kW  
 Replacing: 112473  
 Servicing: Chevrolet, Clark, GMC, Iseki,  
 Isuzu, Opel, TCM  
 B+ M8, Total length 232.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 95.00 B: 19.50 mm



**111684** Starter 12 V, 1.4 kW  
 Replacing: 96550792, 96208782, 9000801  
 Servicing: Daewoo, Opel, Vauxhall  
 B+ M8, Total length 213.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 67.90 B: 18.00 mm



**111699** Starter 12 V, 1.6 kW  
 Replacing: 9000895, 9000850, 9000822,  
 9000820, 9000763, 8000193, 323-677, 12301334  
 Servicing: Mercruiser, Volvo Penta  
 B+ M8, 15a M5, Total length 245.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 Replacing: PG260L.  
 B: 19.00 mm



**111709** Starter 12 V, 2.2 kW  
 Replacing: 110002  
 Servicing: Daewoo, Isuzu, TCM  
 B+ M8, Total length 233.65,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 95.00 B: 20.00 mm



**111752** Starter 12 V, 2.7 kW  
 Replacing: 19024257  
 Servicing: Case, Payloader  
 B+ M10, Total length 342.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**111760** Starter 24 V, 4.5 kW  
 Replacing: 1998488, 1113594, 1113291,  
 1113277, 10479656, 10479655, 10479623,  
 10479622, 10461486, 10461469  
 Servicing: Case, Cummins  
 B+ M10, Total length 339.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 7MT, 28MT.  
 A: 89.00 B: 45.00 mm



**111771** Starter 24 V, 6.2 kW  
 Replacing: 19024179  
 Servicing: Mercedes-Benz  
 B+ M12, Total length 405.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 47.00 mm



**111786** Starter 12 V, 1.7 kW  
 Replacing: 9000884, 9000851, 9000821,  
 9000819, 9000789, 9000768, 9000762,  
 9000761, 9000735, 9000725, 9000719  
 Servicing: Mercruiser, Mercury, OMC  
 B+ M8, 15a M5, Total length 246.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 B: 10.0 mm



**111793** Starter 12 V, 3.0 kW  
 Replacing: 19024261  
 Servicing: Caterpillar, Mercedes-Benz, Volvo  
 B+ M10, Total length 342.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 88.80 B: 28.50 mm



**111805** Starter 12 V, 2.5 kW  
 Replacing: 17610-Q1010, 111534  
 Servicing: Ford, Nissan  
 B+ M8, Total length 228.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 11.50 mm





**111848** Starter 12 V, 1.0 kW  
 Replacing: 96450663, 96208785, 92064181  
 Servicing: Chevrolet, Citroen, Daewoo, Holden, Isuzu, Opel, Peugeot, Vauxhall  
 B+ M8, Total length 215.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)  
 A: 82.50 B: 19.00 mm



**111849** Starter 12 V, 0.8 kW  
 Replacing: 96569440, 96275481, 10455503  
 Servicing: Chevrolet, Daewoo, Suzuki  
 B+ M8, Total length 184.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)  
 A: 75.00 B: 6.50 mm



**111982** Starter 24 V, 4.0 kW  
 Replacing: DRX67149, DRX67095, 8200138, 8200004, 19070039, 10479626, 10461470  
 Servicing: Mercedes-Benz  
 B+ M10, Total length 342.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 A: 88.75 B: 45.00 mm



**112007** Starter 12 V  
 Replacing: 1998295, 1109420  
 Servicing: Caterpillar  
 B+ M10, 15a M4, Total length 305.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 Replacing: 10MT.  
 A: 83.00 B: 16.00 mm



**112037** Starter 24 V, 4.0 kW  
 Replacing: 19024260  
 Servicing: Perkins, Volvo  
 B+ M10, Total length 340.70, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 29.00 mm



**112089** Starter 12 V  
 Replacing: 323-871, 1993977, 1993856, 1993816, 1993813, 1993807, 1993803, 1990495, 1990490, 1990483, 1990478  
 Servicing: Case, Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, New Holland, Perkins, Volvo  
 B+ 1/2" UNC, B- 1/2" UNC, Total length 496.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0), Insulated return, Oil sealed  
 Replacing: 42MT.  
 A: 92.00 B: 46.00 mm



**112116** Starter 24 V, 6.6 kW  
 Replacing: 19024085  
 Servicing: Volvo  
 B+ M12, B- M12, Total length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return  
 A: 92.00 B: 47.00 mm



**112119** Starter 24 V, 6.6 kW  
 Replacing: 19024076  
 Servicing: Scania  
 B+ M10, B- M10, Total length 406.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 37.00 mm



**112120** Starter 24 V, 6.6 kW  
 Replacing: 19024072  
 Servicing: MAN, Mercedes-Benz  
 B+ M12, B- M10, Total length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return  
 A: 92.00 B: 47.50 mm



**112169** Starter 24 V, 4.5 kW  
 Replacing: 1993954, 1993903, 10479108  
 Servicing: Case  
 B+ 3/8" UNF, Total length 401.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed  
 Replacing: 37MT.  
 A: 89.00 B: 46.00 mm



**112224** Starter 24 V, 6.7 kW  
 Replacing: 19070036  
 Servicing: Scania  
 B+ M12, Total length 428.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 A: 92.00 B: 48.00 mm



**112232** Starter 12 V, 2.4 kW  
 Manufacturer: Lucas  
 Replacing: 1998405, 1998316, 19010615, 1109485, 1109369, 1108374, 10455602  
 Servicing: Mercruiser, OMC, Thermo King, Volvo Penta  
 B+ M10, 15a M5, Total length 320.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 Replacing: 10MT.  
 A: 82.00 B: 46.00 mm





**112233** Starter 12 V  
 Manufacturer: Lucas  
 Replacing: 1998599, 1998460, 1998421, 1998404, 1998315, 1998282, 1998280, 19010617, 1109484, 1109358, 1109356  
 Servicing: Caterpillar, International, Mercruiser  
 B+ M10, 15a M5, Total length 318.50, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)  
 Replacing: 10MT.  
 A: 82.45 B: 47.00 mm



**112239** Starter 12 V, 1.4 kW  
 Replacing: 9000840, 9000839  
 Servicing: Mercruiser  
 B+ M8, 15a M5, Total length 232.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 Replacing: PG260F1, -G.  
 A: 67.90 B: 18.00 mm



**112240** Starter 12 V, 1.7 kW  
 Replacing: 9000899, 9000879, 9000860, 9000786, 12564108, 10465554, 10465167  
 Servicing: Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile  
 B+ M8, Total length 245.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 Replacing: PG260M.  
 B: 19.00 mm



**112241** Starter 12 V, 1.5 kW  
 Replacing: 9000910, 9000871, 9000858, 9000841, 323-1434, 12564107, 10465520  
 Servicing: Chevrolet, GMC, Isuzu, Oldsmobile  
 B+ M8, Total length 245.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0)  
 Replacing: PG260F2.  
 B: 18.00 mm



**112243** Starter 24 V  
 Replacing: 1993910, 1993909, 1993902, 1993901, 1993732, 1993729, 1993707, 1990332, 1990330, 1113541, 1113536  
 Servicing: Case, Clark  
 B+ 1/2" UNC, 15a 1/4" UNC, Total length 401.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0), Oil sealed  
 Replacing: 37MT.  
 A: 92.00 B: 48.00 mm



**112251** Starter 12 V, 2.3 kW  
 Replacing: CER3087, 112161, 00E091  
 Servicing: Ford, LDV  
 B+ M8, Total length 258.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 A: 91.90 B: 20.50 mm



**112253** Starter 12 V, 2.5 kW  
 Replacing: 10479641, 10479638, 10479625, 10479618, 10479615, 10465314, 10465151  
 Servicing: Ford, Ingersoll Rand  
 B+ M10, Total length 342.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 28MT.  
 A: 88.80 B: 45.00 mm



**112255** Starter 12 V  
 Replacing: 323-842, 1993974, 1993931, 1993874, 1993871, 1993869, 1993819, 1993794, 1993778, 1993763, 1993719  
 Servicing: Clark, Cummins  
 B+ 1/2" UNC, Total length 401.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed  
 Replacing: 37MT.  
 A: 92.00 B: 48.00 mm



**112267** Starter 12 V, 2.5 kW  
 Replacing: 323-824, 323-823, 323-419, 1998522, 1998506, 1998490, 1998457, 1998456, 1998423, 1998408, 1113593  
 Servicing: Bobcat, Cummins, Ford  
 B+ M10, Total length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 46.50 mm



**112268** Starter 12 V, 2.8 kW  
 Replacing: 1998484, 1998468, 1998373, 1998357, 1998350, 1998340, 1113597, 1113290, 1113274, 1107540, 10479607  
 Servicing: Allis Chalmers, Hyster, Massey Ferguson, New Holland  
 B+ M10, Total length 340.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Oil sealed  
 Replacing: 28MT.  
 A: 89.00 B: 46.00 mm


**112341** Starter 12 V, 2.5 kW

Replacing: 1998442, 1998401, 1113590, 1113589, 1113296, 1113295, 1113270, 1113269, 1113267, 1113266, 1109563

Servicing: Chevrolet, GMC

B+ M10, Total length 337.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

Replacing: 7MT, 28MT.

A: 82.50 B: 9.00 mm


**112365** Starter 12 V, 2.2 kW

Replacing: DSR1167L, 110566

Servicing: Nissan

B+ M8, Total length 224.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 95.00 B: 10.50 mm


**112507** Starter 24 V, 5.4 kW

Replacing: 19024026

Servicing: Volvo, Volvo Penta

B+ M10, B- M10, Total length 385.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

BOSCH OE 0001414022 IS OIL-SEALED. HC-CARGO 112507 IS NOT!

A: 89.00 B: 51.00 mm


**112534** Starter 12 V, 2.0 kW

Replacing: 8000286

Servicing: JCB, KHD, Perkins

B+ M8, Total length 239.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 18.00 mm


**112546** Starter 12 V, 0.6 kW

Replacing: 10455516, 10455513

Servicing: Cub Cadet, John Deere, Kohler

B+ M8, Total length 205.60, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)

A: 63.00 B: 16.90 mm


**112581** Starter 24 V, 6.2 kW

Replacing: 19070032

Servicing: DAF

B+ M12, Total length 380.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 48.00 mm


**112652** Starter 24 V, 4.5 kW

Replacing: 10479605, 10461461

Servicing: Detroit

B+ M10, Total length 338.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed

Replacing: 28MT.

A: 89.00 B: 46.00 mm


**112660** Starter 12 V, 2.8 kW

Replacing: 1107867, 1107862

Servicing: Case

B+ M10, Total length 333.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 48.00 mm


**112668** Starter 12 V, 2.5 kW

Replacing: 1113284, 1113248, 10461483

Servicing: Hough, Komatsu

B+ M10, Total length 338.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

Replacing: 28MT.

A: 89.00 B: 46.00 mm


**112897** Starter 12 V, 1.7 kW

Replacing: 9000798, 9000796, 9000773, 323-488, 323-480, 1998591, 1998577, 1998564, 1998557, 1998516, 1998435

Servicing: American Motors, Buick, Cadillac, Chevrolet, Jeep, Mercruiser, Pontiac

B+ M8, Total length 236.00, Drive type Steel, Gear type DD/GR, Clutch type Wet, Mount. holes 2 (0), Waterproof

Replacing: PG250, -260.

B: 19.00 mm


**112898** Starter 12 V, 1.6 kW

Replacing: 9000882, 9000878, 9000863, 9000806, 9000797, 9000776, 323-531, 323-501, 323-457, 323-1449, 12567398

Servicing: Buick, Chevrolet, GMC, Oldsmobile, Pontiac

B+ M8, Total length 263.40, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

Replacing: PG250, -260.

B: 19.50 mm



**112900** Starter 12 V, 1.4 kW  
 Replacing: 9000859, 9000847, 9000833, 323-1396, 323-1062, 10465542, 10465459, 10465384  
 Servicing: Buick, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac  
 B+ M8, Total length 218.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 Replacing: PG260F1.  
 A: 68.20 B: 19.00 mm



**112902** Starter 12 V, 1.2 kW  
 Replacing: 9000939, 9000925, 9000873, 9000854, 9000842, 9000837, 336-2002, 323-1483, 323-1400, 12573853  
 Servicing: Buick, Cadillac, Chevrolet, GMC  
 B+ M8, Total length 214.40,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 Replacing: PG260F2.  
 B: 18.00 mm



**112904** Starter 12 V, 1.7 kW  
 Replacing: 9000876, 9000862, 9000805, 9000775, 323-489, 323-1432, 12563919, 10465523, 10465294  
 Servicing: Cadillac, Oldsmobile  
 B+ M8, Total length 233.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 Replacing: PG260L, -260M.  
 A: 82.50 B: 30.00 mm



**112905** Starter 12 V, 1.6 kW  
 Replacing: 9000926, 9000875, 323-1476, 323-1446, 12563863, 10465527  
 Servicing: Buick, Chevrolet, GMC, Oldsmobile  
 B+ M8, Total length 232.00,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 Replacing: PG260L.  
 A: 82.30 B: 29.60 mm



**112906** Starter 12 V, 1.7 kW  
 Replacing: 9000866, 9000853, 9000834, 89000853, 323-1063, 12563907, 10465385  
 Servicing: Cadillac, Chevrolet, GMC, Pontiac  
 B+ M8, Total length 246.15,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 Replacing: PG260M.  
 B: 19.00 mm



**112910<sup>#</sup>** Starter 12 V  
 Replacing: 323-287, 1998548, 1998527, 1998466  
 B+ M10, 15a M5, Total length 274.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 2 (0)  
 Replacing: 5MT.  
 A: 69.80 B: 16.00 mm



**112911** Starter 12 V, 1.6 kW  
 Replacing: 323-533, 323-529, 323-503, 323-474, 323-472, 323-429, 323-428, 323-350, 24507410, 1998533, 1998523  
 Servicing: Buick, Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac  
 B+ M8, Total length 270.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 B: 21.00 mm



**112912** Starter 12 V, 1.6 kW  
 Replacing: 323-1065, 323-1064, 12558851, 10465389, 10455065  
 Servicing: Cadillac, Chevrolet, GMC  
 B+ M8, Total length 268.80,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 65.50 B: 9.00 mm



**113125** Starter 12 V  
 Replacing: 323-840, 1993854, 1993767, 1990347, 10461011, 10461006  
 Servicing: Ford, New Holland  
 B+ 1/2" UNC, Total length 401.50,  
 Drive type Steel, Gear type DD, Oil sealed,  
 Clutch type Wet, Mount. holes 3 (0)  
 Replacing: 37MT, 41MT.  
 A: 92.00 B: 48.25 mm



**113153** Starter 12 V  
 Replacing: 323-864, 1993836, 1993776, 1990484, 1990428, 1990426, 1990421, 1990393, 1990391, 1990355, 10479082  
 Servicing: Freightliner  
 B+ 1/2" UNC, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 Replacing: 42MT.  
 A: 91.85 B: 45.25 mm



**113172** Starter 12 V, 2.0 kW  
 Replacing: 1109423, 1109418, 1108493, 1108443, 1107335  
 Servicing: Caterpillar, Hyster, Yale  
 B+ M8, Total length 249.00, Drive type Steel,  
 Gear type GR, Clutch type Wet,  
 Mount. holes 2 (0), Oil sealed  
 Replacing: 10MT.  
 A: 88.70 B: 46.00 mm




**113384** Starter 32 V

Replacing: 1990333, 1990246, 1990226, 1109769, 1109627, 1109625, 1109282, 1109281, 1109276, 10478828

Servicing: Caterpillar

 B+ 1/2" UNC, 15a 10-32 UNF, Drive type Steel, Total length 518.75, Gear type DD, Mount. holes 3 (0), Insulated return  
 Replacing: 50MT.

A: 92.00 B: 46.50 mm


**113429** Starter 12 V, 4.2 kW

Replacing: 10465537, 10461645

Servicing: Case, Cummins

B+ M10, B- M12, Total length 317.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


**113435** Starter 24 V, 4.5 kW

Replacing: 323-408, 1113591, 10479611, 10465015, 10461453

Servicing: Hummer, Various

 B+ M10, Total length 336.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 Replacing: 28MT.

A: 82.00 B: 7.50 mm


**113452** Starter 12 V, 2.5 kW

Replacing: 10479617, 10461466

Servicing: Agco White

 B+ M10, 15a M5, Total length 338.50, Drive type Steel, Gear type GR, Oil sealed, Clutch type Wet, Mount. holes 3 (0)  
 Replacing: 28MT.

A: 88.80 B: 45.00 mm


**113466** Starter 24 V, 4.0 kW

Replacing: 19024280

Servicing: Renault V.I.

B+ M10, Total length 316.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)

A: 88.90 B: 22.00 mm


**113468** Starter 24 V, 4.0 kW

Replacing: 19024286

Servicing: MAN

 B+ M10, Total length 340.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 Bosch GR HC-CARGO 112446.

A: 89.00 B: 27.00 mm


**113550** Starter 12 V

Replacing: 8300019, 8200040, 8200033, 19011530, 19011521, 19011518, 19011516, 19011506, 10461777, 10461753

Servicing: Mack

 B+ M12, Total length 402.80, Drive type Steel, Gear type GR, Mount. holes 3 (0), Insulated return  
 Replacing: 39MT.

A: 92.00 B: 46.00 mm


**113608** Starter 24 V, 6.2 kW

Replacing: 19070033

Servicing: Evobus, Kässbohrer, Mercedes-Benz

B+ M12, 15a M6, Total length 380.50, Drive type Steel, Gear type DD/GR, Clutch type Wet, Mount. holes 3 (0)

A: 92.00 B: 46.25 mm


**113659** Starter 12 V, 0.9 kW

Replacing: 8000395, 8000174, 113136

Servicing: Hyundai, Kia

B+ M8, Total length 186.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 77.00 B: 18.00 mm


**113679** Starter 12 V, 1.6 kW

Replacing: 9000885

Servicing: Clark

B+ M8, 15a M5, Total length 243.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Replacing: PG260L.

B: 18.00 mm


**113695** Starter 24 V, 6.0 kW

Replacing: 1993918, 1993831, 10478961, 10478960, 10478811, 10461405, 10461402

Servicing: Caterpillar

 B+ M12, Total length 433.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed  
 Replacing: 37MT.

A: 89.00 B: 47.00 mm


**113725** Starter 12 V, 2.5 kW

Replacing: 10465540

Servicing: Case

B+ M10, Total length 300.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 88.60 B: 49.00 mm



**113827** Starter 24 V, 7.0 kW  
 Replacing: 8300025, 8200072, 8200000, 19026030, 19026026, 19023060  
 Servicing: Cummins, Various Industrial applications  
 B+ M12, B- M12, Total length 406.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 46.95 mm



**113850** Starter 24 V, 5.4 kW  
 Replacing: 19024101  
 Servicing: Volvo BM  
 B+ M10, B- M10, Total length 387.00, Drive type Steel, Gear type DD, Oil sealed, Clutch type Dry, Mount. holes 3 (0)  
*Not Insulated return.*  
 A: 89.00 B: 48.00 mm



**113851** Starter 24 V, 7.5 kW  
 Replacing: 8200519, 19024196, 19011501  
 Servicing: Audi, Mercedes-Benz  
 B+ M12, Total length 348.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)  
 Replacing: 39MT.  
 Alternative no.: 115885   
 A: 92.00 B: 47.70 mm



**113860** Starter 12 V, 0.8 kW  
 Replacing: 96289430  
 Servicing: Chevrolet, Daewoo  
 B+ M8, Total length 185.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (1)  
 A: 75.00 B: 6.50 mm



**114003** Starter 12 V, 5.0 kW  
 Replacing: 19011504  
 Servicing: Mercedes-Benz  
 B+ M12, Total length 345.00, Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**114013** Starter 24 V  
 Replacing: 8200086, 8200029, 19011524, 19011511, 10461759, 10461758  
 Servicing: Cummins  
 B+ M12, B- M12, Total length 419.00, Drive type Steel, Gear type GR, Mount. holes 3 (0), Insulated return  
 Replacing: 39MT.  
 A: 92.00 B: 48.00 mm



**114145** Starter 12 V, 2.3 kW  
 Replacing: 8000032  
 Servicing: Fiat  
 B+ M8, Total length 235.00, Gear type GR, Mount. holes 3 (3)  
 A: 81.50 B: 1.50 mm



**114159** Starter 12 V, 1.8 kW  
 Replacing: 96843574, 8000129  
 Servicing: Chevrolet, Opel  
 B+ M8, Total length 222.00, Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 18.00 mm



**114298** Starter 12 V, 1.1 kW  
 Replacing: 8000387, 8000048  
 Servicing: Alfa Romeo, Chevrolet, Fiat, Opel, Saab, Vauxhall  
 B+ M8, Total length 199.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)  
 A: 68.00 B: 17.50 mm



**114325** Starter 12 V, 4.6 kW  
 Replacing: 8300024, 8200077, 8200023, 1993879, 1993756, 19026031, 10479107  
 Servicing: Cummins  
 B+ M12, Total length 405.00, Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 47.00 mm



**114326** Starter 24 V, 7.5 kW  
 Replacing: 8300023, 8200078, 8200024, 19026032  
 Servicing: Cummins  
 B+ M12, B- M12, Total length 405.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)  
 A: 88.80 B: 47.00 mm



**114330** Starter 24 V, 8.3 kW  
 Replacing: 8300018, 8300016, 8200724, 8200330, 8200041, 8200039, 8200034, 8200032, 8200022, 19011523, 19011522  
 Servicing: Cummins  
 B+ M12, B- M12, Total length 358.10, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Insulated return  
 A: 92.00 B: 47.00 mm



**114331** Starter 24 V, 8.3 kW  
 Replacing: 8200321  
 Servicing: Caterpillar, Cummins  
 B+ M12, Total length 358.50,  
 Drive type Steel, Mount. holes 3 (3)  
 A: 92.00 B: 47.00 mm



**114341** Starter 12 V, 1.2 kW  
 Replacing: 9000967, 9000934, 9000902,  
 8000180, 12567585  
 Servicing: Opel, Saab, Vauxhall  
 B+ M8, Total length 214.00,  
 Gear type GR  
 A: 75.00 B: 30.00 mm



**114397** Starter 24 V, 4.0 kW  
 Replacing: 19024294  
 Servicing: Cummins  
 B+ M10, Total length 340.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 48.20 mm



**114416** Starter 24 V, 7.5 kW  
 Replacing: 1993828, 1993788, 10479142,  
 10479130, 10479067, 10461362, 10461141,  
 10461080  
 Servicing: Mack  
 B+ M12, Total length 496.00,  
 Drive type Steel, Mount. holes 3 (0)  
 A: 92.00 B: 47.50 mm



**114443** Starter 12 V, 0.9 kW  
 Replacing: 8000484, 8000400  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 174.50,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 21.00 mm



**114460** Starter 12 V, 1.4 kW  
 Replacing: 8000006  
 Servicing: Citroen, Fiat, Hyundai, Lancia,  
 Mitsubishi, Peugeot  
 B+ M8, Total length 216.00,  
 Gear type GR, Mount. holes 3 (3)  
 B: -4.00 mm



**114476** Starter 12 V, 1.8 kW  
 Replacing: 8000277  
 B+ M8, Total length 215.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 74.00 B: 20.00 mm



**114503** Starter 12 V, 1.5 kW  
 Replacing: 96647521  
 Servicing: Chevrolet  
 B+ M8x1.25, Total length 207.00,  
 Gear type GR, Mount. holes 2 (0)  
 SW terminal w/ cable.  
 A: 82.50 B: 18.00 mm



**114710** Starter 24 V, 4.0 kW  
 Replacing: 10479647  
 Servicing: Cummins  
 B+ M10, 15a M5, Total length 340.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 89.00 B: 46.00 mm



**114885** Starter 12 V, 0.9 kW  
 Replacing: 112847  
 Servicing: Kia  
 B+ M8, Total length 184.00,  
 Gear type DD, Mount. holes 3 (2)  
 A: 74.00 B: 12.50 mm



**114888** Starter 12 V  
 Replacing: RS41058  
 Servicing: John Deere, Kawasaki  
 B+ 1/4" UNC, Total length 185.00,  
 Gear type DD, Mount. holes 2 (0)  
 B: 19.50 mm



**115446** Starter 12 V, 1.7 kW  
 Manufacturer: Delco Remy Korea  
 Replacing: 8000396  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 222.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 16.00 mm

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**NEW PRODUCT**
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**115447\*** Starter 24 V, 8.0 kW

Replacing: 8200435

Servicing: Case, Cummins, Fiat-Allis, Lister, Various Agriculture Vehicles, Various Industrial applications

B+ M12, B- M12, Total length 413.00, Gear type GR, Mount. holes 3 (0)

Replacing: 39mt.

A: 92.00 B: 47.50 mm



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**115569** Starter 12 V, 1.2 kW

Replacing: 8000169

Servicing: Hyundai, Kia

B+ M8, Total length 212.00, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 27.00 mm



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**115575** Starter 12 V, 1.4 kW

Replacing: 8000375

Servicing: Chevrolet, Opel, Saab, Vauxhall

B+ M8, Total length 214.50, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 30.00 mm



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**NEW PRODUCT**
[www.hc-cargo.com](http://www.hc-cargo.com)
**115623\*** Starter 24 V, 4.0 kW

Replacing: 19024288

Servicing: Volvo

B+ M10, Total length 340.00, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



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**115626** Starter 12 V, 2.0 kW

Replacing: 8000530, 8000269

Servicing: Hyundai, Kia

B+ M8, Total length 222.00, Gear type GR, Mount. holes 2 (2)

A: 80.00 B: 25.00 mm



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**115740** Starter 12 V

Replacing: 9000855

Servicing: Mariner, Mercury

B+ M8, 15a M5, Total length 261.50, Gear type GR

B: 46.50 mm



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**NEW PRODUCT**
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**115743\*** Starter 12 V, 1.4 kW

Replacing: 8000340

Gear type GR, Mount. holes 2 (0) mm



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**115758** Starter 12 V, 1.2 kW

Replacing: 8000357, 8000285

Servicing: Hyundai, Kia

B+ M8, Total length 199.00, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 27.00 mm



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**115773** Starter 12 V, 1.3 kW

Replacing: 8000213

Servicing: Opel, Saab, Vauxhall

B+ M8, Total length 212.00, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 30.00 mm



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**115801** Starter 24 V, 4.0 kW

Replacing: 8200297

Servicing: Mercedes-Benz

B+ M10, Total length 306.00, Gear type GR, Mount. holes 3 (0)

Replacing: 29MT.

A: 89.00 B: 47.00 mm



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**115885** Starter 24 V, 7.5 kW

Manufacturer: Mitsubishi

Replacing: 8200519, 19024196, 19011501

Servicing: Mercedes-Benz

B+ M12, Total length 348.50, Gear type GR, Mount. holes 3 (0)

Alternative no.: 113851

A: 92.00 B: 47.50 mm



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**115985** Starter 12 V, 1.6 kW

Replacing: 9000885, 9000884, 9000851, 9000840, 9000839, 9000821, 9000819, 8000282

Servicing: Clark, Hyster, Mitsubishi, Yale

B+ M8, 15a M5, Total length 231.00, Gear type GR, Mount. holes 2 (0)

Upgrade version min. 40.000 cycles.

Alternative no.: 111786,

B: 18.30 mm



**110367** Starter 12 V, 1.0 kW

Manufacturer: Lucas

Replacing: DM92140, DM2146, DM2140

Servicing: Dacia, DAF, Renault, Volvo

B+ M8, Total length 200.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 66.00 B: 10.50 mm



**110529** Starter 12 V, 3.0 kW

Replacing: DM2138

Servicing: Agrifull, BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 30.00 mm



**110640** Starter 12 V, 3.0 kW

Replacing: DM2134, DM2130, DM2120, 2130

Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long

B+ M10, Total length 310.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.00 mm



**110866** Starter 12 V, 0.9 kW

Replacing: DM2140

Servicing: Renault

B+ M8, Total length 197.65, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (2)

A: 66.00 B: 10.50 mm

## STARTERS



**110616** Starter 24 V, 4.5 kW

Replacing: 0350-502-0131, 0350-502-0130

Servicing: Nissan

B+ M8, Total length 292.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 33.80 mm



**113130** Starter 24 V, 4.5 kW

Replacing: 0350-552-0328, 0350-552-0326, 0350-552-0325, 0350-552-0324, 0350-552-0323, 0350-552-0322

Servicing: Hino

B+ M10, Total length 296.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 105.00 B: 32.00 mm



**114017** Starter 24 V, 5.5 kW

Replacing: 0350-552-0338, 0350-552-0330, 0350-552-0311

Servicing: Hino

B+ M10, Total length 326.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 100.00 B: 25.00 mm



**114337** Starter 24 V, 4.5 kW

Replacing: 0350-552-0061, 0350-552-0014, 0330-402-0320, 0330-402-0311, 0330-402-0310, 0330-402-0012

Servicing: Hino

B+ M10, Total length 296.60

A: 100.00 B: 64.00 mm



**114344** Starter 24 V, 6.0 kW

Replacing: 0350-602-0118

Servicing: Hino

B+ M10, Total length 324.45

A: 121.00 B: 58.00 mm



**114345** Starter 24 V, 6.0 kW

Replacing: 0350-702-0339, 0350-702-0294, 0350-702-0226, 0350-702-0180, 0350-702-0025, 0350-702-0024

Servicing: Hino

B+ M10, Total length 325.00, Drive type Steel, Mount. holes 3 (0)

A: 122.00 B: 43.00 mm



**114421** Starter 24 V, 6.0 kW

Replacing: 0350-602-0261

Servicing: Hino

B+ M10, Total length 324.50, Mount. holes 3 (0)

A: 105.00 B: 38.50 mm



**114436** Starter 24 V, 5.0 kW

Replacing: 0355-502-0041, 0355-502-0040, 0355-502-0019

Servicing: Hino

B+ M8, Total length 287.90, Drive type Steel, Mount. holes 2 (0)

A: 105.00 B: 29.50 mm



**114441** Starter 24 V, 5.5 kW

Replacing: 0350-552-0357

Servicing: Hino

B+ M10, Total length 321.00, Drive type Steel, Mount. holes 2 (0)

A: 105.00 B: 31.00 mm





**112312** Starter 12 V, 0.48 kW  
 Replacing: 36680, 36463, 35763A, 35763, 33606, 33605, 33306  
 Servicing: Tecumseh  
 B+ 1/4" UNF, Total length 166.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 4 (0)  
 B: 44.20 mm



**112313** Starter 12 V, 0.5 kW  
 Replacing: 33835  
 Servicing: Massey Ferguson, Tecumseh  
 B+ M6, Total length 190.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 B: 29.00 mm



**112564** Starter 12 V  
 Replacing: 35765A, 35765, 32468B, 32468A, 32468  
 Servicing: John Deere, Tecumseh  
 B+ 1/4" UNC, Total length 166.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 4 (0)  
 B: 44.50 mm



**112565** Starter 12 V, 0.5 kW  
 Replacing: 36795, 36264  
 Servicing: Tecumseh  
 B+ 1/4" UNC, Total length 187.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 43.50 B: 30.00 mm



**112566** Starter 12 V, 0.5 kW  
 Replacing: 37425, 36914  
 Servicing: Tecumseh  
 B+ 1/4" UNC, Total length 186.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 B: 41.00 mm



**112570<sup>#</sup>** Starter 120 V  
 Replacing: 37000, 35096, 33519B, 33519A, 33519, 33329E, 33329D, 33329C, 33329B, 33329A, 33329, 32423  
 Servicing: Tecumseh, Various Industrial applications  
 B+ Plug, 30h Plug, Total length 175.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 4 (0)  
 A: 46.00 B: 25.00 mm



**114521** Starter 12 V  
 Replacing: 33607  
 Servicing: Tecumseh  
 B+ 1/4" UNC, Total length 144.60,  
 Gear type DD, Mount. holes 3 (0)  
 B: 43.00 mm

## STARTERS



**110240** Starter 12 V, 0.6 kW  
 Replacing: SMH12B41, SM17996, SM10629, SM02610, 5704840-MO30SM, 5704820MO30SM, 1799640MO30SM, 1799640-MO30SM  
 Servicing: Johnson  
 B+ M8, Total length 209.00, Drive type Steel, Gear type DD, Mount. holes 1 (0)  
 A: 63.40 B: 44.00 mm



**110241** Starter 12 V, 0.8 kW  
 Replacing: SMH12B31, SM09961, MO551017A, MO551014A, MO551017, MO551014A, MO551017A, MO551014A, 0996140MO30SM  
 Servicing: Mercury  
 B+ 1/4" UNC, Total length 210.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)  
 A: 54.00 B: 0.50 mm



**110510** Starter 12 V, 0.5 kW  
 Replacing: SMH12A4, SMH12A202, SMH12A201, SMH12A2, SMH12A102, SME12A8, SME12A11, SM56661, SM50497, SM16353  
 Servicing: John Deere  
 B+ 1/4" UNC, Total length 182.55, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 B: 49.50 mm



**110634** Starter 12 V, 0.65 kW  
 Replacing: SMO1965, SM01965  
 Servicing: Briggs & Stratton  
 B+ 1/4" UNC, Total length 170.00, Drive type Plastic, Gear type DD, Mount. holes 3 (0)



**110636** Starter 12 V, 0.6 kW  
 Replacing: SM44120, 5273440MO30SM, 4412040MO30SM, 4412040  
 Servicing: Chrysler  
 B+ 1/4" UNC, Total length 262.00, Drive type Bronze, Gear type DD, Mount. holes 2 (2)  
 A: 63.30 B: 64.00 mm



**110644** Starter 12 V, 0.6 kW  
 Replacing: SMO2469, SMH12C41, SMH1201399, SM59535, SM57047, SM20703, SM20702, SM17917, SM17916, SM02466  
 Servicing: Johnson  
 B+ 1/4" UNC, Total length 228.00, Drive type Bronze, Gear type DD, Mount. holes 2 (0)  
 A: 63.00 B: 44.00 mm



**110645** Starter 12 V, 0.9 kW  
 Replacing: SM47862, SM08142, 4786240MO30SM, 4786240-MO30SM, 0814240MO30SM  
 Servicing: Johnson  
 B+ 1/4" UNC, Total length 253.00, Drive type Bronze, Gear type DD, Mount. holes 1 (0)  
 A: 63.50 B: 43.50 mm



**110647** Starter 12 V, 0.6 kW  
 Replacing: SMH12B43, SMH12B42, SM57053, SM11279, SM1122940, SM11229, SM08041, 5705340MO30SM, 5705340-MO30SM  
 Servicing: Evinrude, Johnson  
 B+ 1/4" UNC, Total length 208.00, Drive type Bronze, Gear type DD, Clutch type Dry, Mount. holes 3 (0)  
 B: 61.00 mm



**110648** Starter 12 V, 0.7 kW  
 Replacing: SMH12C31, SM48865, SM48201, SM09964, SM09962, SM01446, 4886540MO30SM, 4820140-MO30SM, 4820123MO30SM  
 Servicing: Mariner, Mercury  
 B+ 1/4" UNC, Total length 263.00, Drive type Bronze, Gear type DD, Mount. holes 1 (0)  
 A: 54.80 B: 48.00 mm



**110649** Starter 12 V, 0.8 kW  
 Replacing: SM48369, SM11478, SM10652, 4836940MO30SM, 4836940-MO30SM, 1147840MO30SM, 1147840-MO30SM  
 Servicing: Mercury  
 B+ M6, Total length 290.00, Drive type Bronze, Gear type DD, Mount. holes 1 (0)  
 A: 54.80 B: 45.30 mm



**110650** Starter 12 V, 0.8 kW  
 Replacing: SM48204, SM14916, 4820524MO30SM, 4820440MO30SM, 4820440-MO30SM, 1718328MO30SM, 1718328-MO30SM  
 Servicing: Lancia, Mercury  
 B+ M6, Total length 291.00, Drive type Bronze, Gear type DD, Mount. holes 1 (0)  
 A: 55.00 B: 47.30 mm



**110654** Starter 12 V, 0.7 kW  
 Replacing: SM48203, SM48202, SM47764, SM10970, SM10790, 4820340MO30SM, 4820340-MO30SM, 4820250-MO30SM  
 Servicing: Mercury  
 B+ 1/4" UNC, Total length 240.00, Drive type Bronze, Gear type DD, Mount. holes 1 (0)  
 A: 54.50 B: 46.00 mm


**110949** Starter 12 V, 0.6 kW

Replacing: SM56662, SM18190, SM17705, 5666240MO30SM, 5666240-MO30SM, 5666220MO30SM, 5213140MO30SM

Servicing: Bobcat, Kohler, Various Agriculture Vehicles

B+ M6, Total length 215.25, Drive type Bronze, Gear type DD, Mount. holes 0 (0)

A: 63.40 B: 45.80 mm


**110999** Starter 24 V

Replacing: 9G4338

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo

B+ 1/2" UNC, B- 1/2" UNC, Total length 499.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return, Oil sealed

Replacing: 42MT.  
A: 92.00 B: 46.50 mm


**111012** Starter 12 V, 0.5 kW

Replacing: SM56666, SM47330, 5666640MO30SM, 5666640-MO30SM, 5666620MO30SM, 4733040MO30SM, 4733040-MO30SM

Servicing: Kohler, Massey Ferguson

B+ 1/4" UNC, Total length 201.00, Drive type Steel, Gear type DD, Mount. holes 0 (0)

B: 39.00 mm


**111043** Starter 12 V, 0.6 kW

Replacing: SM02556, 5705140-MO30SM, 5705120-

M030SM, 0255640-MO30SM, 0255625-MO30SM

Servicing: Evinrude, Johnson

B+ M6, Total length 200.50, Drive type Bronze, Gear type DD

A: 63.30 B: 43.50 mm


**111700** Starter 12 V

Replacing: SMH12A5, SMH12A3, SM56657, SM05995, 5665740MO30SM, 5665740-MO30SM, 5665720MO30SM, 0599540MO30SM

Servicing: Kohler

B+ M6, Total length 183.00, Drive type Bronze, Gear type DD, Mount. holes 2 (0)


**111701** Starter 12 V, 0.8 kW

Replacing: SMH12C1, SM56659, SM15745, 5666740MO30SM, 5666740, 5665940MO30SM, 5665940-MO30SM, 5665940

Servicing: Various Agriculture Vehicles, Various Industrial applications

B+ M8, Total length 251.25, Drive type Steel, Gear type DD, Mount. holes 4 (3)

A: 69.60 B: 56.30 mm


**112145** Starter 12 V, 0.5 kW

Replacing: SM56714, SM47690, 5769040-MO30SM, 5671440MO30SM, 5671440-MO30SM, 4769040MO30SM, 4769040-MO30SM

Servicing: Johnson, OMC

B+ 1/4" UNF, Total length 267.20, Drive type Steel, Gear type GR, Mount. holes 2 (0)


**112146** Starter 12 V, 0.6 kW

Replacing: SM56676, 5667640MO30SM, 5667640-MO30SM

Servicing: Mercury

B+ M6, Total length 265.50, Drive type Bronze, Gear type DD, Clutch type Dry

A: 77.00 B: 62.00 mm


**112150** Starter 12 V

Replacing: SM56670, SM52784, SM52397, 6734620MO30SM, 5667040MO30SM, 5667040-MO30SM, 5278440MO30SM

Servicing: Cub Cadet, Kohler

B+ 1/4" UNC, Total length 202.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

B: 17.00 mm


**112156** Starter 12 V

Replacing: 5704940MO30SM, 5704940-MO30SM, 5071240MO30SM

Servicing: Evinrude, Johnson

B+ 1/4" UNF, Total length 200.90, Drive type Steel, Gear type DD


**112157** Starter 12 V

Replacing: 6858540-MO30SM, 6858540MO30SM, 6858540, 5249840MO30SM, 5249840-MO30SM

Servicing: Johnson, OMC

B+ 1/4" UNC, Total length 187.00, Gear type DD, Mount. holes 2 (2)

A: 36.50 mm





**112244** Starter 12 V  
 Replacing: SM56669, 6560040, 6560020MO30SM, 5666940MO30SM, 5666940-MO30SM, 5278340MO30SM, 5278340-MO30SM  
 Servicing: Johnson  
 B+ 1/4" UNC, Total length 188.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 B: 17.50 mm



**112247** Starter 12 V  
 Replacing: SM52160, SM20521, 5216040MO25SM, 5216040-MO30SM, 5216040-MO25SM, 5216020MO25SM  
 Servicing: Mercury  
 B+ M5, Total length 186.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (2)  
 B: 71.00 mm



**112546** Starter 12 V, 0.6 kW  
 Replacing: 5174740  
 Servicing: Cub Cadet, John Deere, Kohler  
 B+ M8, Total length 205.60, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)  
 A: 63.00 B: 16.90 mm



**112567** Starter 12 V  
 Replacing: SMH12B81, SM47548, SM10795, 4754840MO30SM, 1079540MO30SM  
 Servicing: Onan  
 B+ 1/4" UNC, Total length 210.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)



**112568** Starter 12 V  
 Replacing: SM56663, SM18191, 5666340MO30SM, 5666340-MO30SM, 5666320MO30SM, 1819140MO30SM, 1819140-MO30SM  
 Servicing: John Deere, Kohler  
 B+ 1/4" UNC, Total length 230.00, Drive type Bronze, Gear type DD, Mount. holes 0 (0)  
 B: 46.00 mm



**112826** Starter 12 V  
 Replacing: SM56756, 5675640MO30SM, 5675640-MO30SM, 5675620MO30SM  
 Servicing: Mercury  
 B+ M6, Total length 231.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (2)  
 B: 33.00 mm



**112827** Starter 12 V  
 Replacing: SM56769, 5676940MO30SM, 5676940-MO30SM  
 Servicing: Force, Various Industrial applications  
 B+ M6, Total length 248.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 B: 32.00 mm



**112829** Starter 12 V  
 Replacing: SM67675, 6767540MO30SM, 6767540-MO30SM  
 Servicing: Mercury  
 B+ 1/4" UNC, Total length 212.80, Drive type Bronze, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 B: 33.60 mm



**112830** Starter 12 V  
 Replacing: 6743040MO30SM, 6743040-MO30SM, 6743040  
 Servicing: Mariner, Mercury  
 B+ M6, Total length 231.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 B: 46.00 mm



**112831** Starter 12 V, 0.6 kW  
 Replacing: SM56664, SM52132, SM21349, 56666420MO30SM, 5666440MO30SM, 5666440-MO30SM, 5666420MO30SM  
 Servicing: Cub Cadet, Kohler  
 B+ M6, Total length 246.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 A: 63.50 B: 41.40 mm



**112832** Starter 12 V, 0.6 kW  
 Replacing: SM60917, SM60194, SM60138, 6019440MO30SM, 6013840MO30SM, 6013840-MO30SM, 10666620MO30MM  
 Servicing: Onan  
 B+ M6, Total length 233.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 A: 70.00 B: 37.00 mm



**113015** Starter 12 V  
 Replacing: SM43790, SM43672, 4379040MO30SM, 4379040-MO30SM, 4367240MO30SM, 4367240-MO30SM  
 Servicing: Cub Cadet, John Deere, New Holland, Onan, Toro  
 B+ M6, Total length 228.75, Drive type Bronze, Gear type DD, Clutch type Dry, Mount. holes 2 (0)  
 B: 27.40 mm


**113017** Starter 12 V

Replacing: 6727040M030SM, 5667140M030SM, 5667140-M030SM

Servicing: John Deere

B+ 1/4" UNC, Total length 181.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

B: 17.00 mm


**113593** Starter 12 V

Replacing: 2-2432-UT

Servicing: Kawasaki

B+ 1/4" UNC, Total length 209.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)


**113476** Starter 12 V

Replacing: SM60209, 6088420M030SM, 6020940-M020SM

Servicing: Onan

B+ M8, Total length 176.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 70.00 B: 25.50 mm


**113594** Starter 12 V, 0.6 kW

Replacing: SM56804, 5680640M030SM, 5680640

Servicing: Audi, Honda

B+ 1/4" UNC, Total length 188.00, Drive type Bronze, Gear type DD, Mount. holes 2 (0)

B: 9.00 mm


**113591** Starter 12 V

Replacing: SM67432, 6743240-M030SM

Servicing: Mariner, Mercury, Various Industrial applications

B+ 1/4" UNC, Total length 231.00, Drive type Bronze, Gear type DD, Mount. holes 2 (0)

B: 34.00 mm


**113854** Starter 12 V

Replacing: 2009805, 1053720M030SM

Servicing: New Holland

B+ 1/4" UNC, Total length 186.00, Drive type Bronze, Gear type PMDD 3/16 Whitworth gevind. 4,763 diameter.

A: 58.00 B: 23.00 mm


**113592** Starter 12 V

Replacing: SM68737, 6873740-M030SM

Servicing: Mariner, Mercury, Various Industrial applications

B+ 1/4" UNC, Total length 217.00, Drive type Bronze, Gear type DD, Mount. holes 2 (0)

B: 35.00 mm


**115388** starter 12 V

Replacing: 6502540M030SM

Servicing: Kohler

B+ 1/4" UNC, Total length 185.00, Gear type PMDD, Mount. holes 2 (0)

B: 21.00 mm

## STARTERS



**110149** Starter 12 V, 0.9 kW  
 Replacing: M38382, 1EM0088  
 Servicing: Mazda, Mercury  
 B+ M8, Total length 198.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (2)  
 A: 74.00 B: 15.00 mm



**110205** Starter 24 V, 6.5 kW  
 Replacing: D13E101TE, D13E101  
 Servicing: Volvo  
 B+ M10, Total length 407.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0),  
 Waterproof  
 A: 89.00 B: 47.50 mm



**110245** Starter 12 V, 1.7 kW  
 Replacing: TM000A07101, MG120559,  
 MG117559, M40237  
 Servicing: Kubota, Various Agriculture Vehicles  
 B+ M8, Total length 196.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 26.00 mm



**110315** Starter 12 V, 0.9 kW  
 Replacing: MC109025, MC109018, M39646,  
 M37454, M36370, 1EM0081  
 Servicing: Dodge, Hyundai, Kia, Mitsubishi,  
 Plymouth, Proton  
 B+ M8, Total length 208.00, Drive type Steel,  
 Gear type DD/GR, Mount. holes 2 (2)  
 A: 77.00 B: 18.40 mm



**110336** Starter 12 V, 0.75 kW  
 Replacing: D9E167, D9E107  
 Servicing: Ford, Mercury, Triumph  
 B+ M8, 15a M5, Total length 224.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 89.00 B: 28.00 mm



**110338** Starter 12 V, 0.8 kW  
 Replacing: D9E127  
 Servicing: Fiat, Lancia, Zastava  
 B+ M8, Total length 254.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (3)  
 A: 66.90 B: 12.00 mm



**110354** Starter 12 V, 3.1 kW  
 Replacing: D9R91  
 Servicing: Land Rover  
 B+ M8, Total length 273.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 92.00 B: 21.00 mm



**110363** Starter 12 V, 0.7 kW  
 Replacing: D8E158  
 Servicing: BMW, Porsche, VW  
 B+ M8, Total length 214.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 Bushing D.E. (clutch house): HC-CARGO  
 140008.  
 A: 76.00 B: 33.00 mm



**110364** Starter 12 V, 0.65 kW  
 Replacing: D9E128  
 Servicing: Opel, Vauxhall  
 B+ M8, 15a 6.30, Total length 229.50,  
 Drive type Steel, Gear type DD,  
 Mount. holes 2 (0)  
 A: 68.00 B: 14.00 mm



**110365** Starter 12 V, 0.8 kW  
 Replacing: D6RA30  
 Servicing: Autobianchi, Fiat, Lancia, Seat  
 B+ M8, Total length 236.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (3)  
 A: 62.00 B: 12.50 mm



**110367** Starter 12 V, 1.0 kW  
 Manufacturer: Lucas  
 Replacing: D9E34, D9E22, D9E20, D9E12,  
 D8E81, D8E75, D8E66, D8E64, D8E60, D8E41,  
 D8E21, D8E152, D8E121, 94170X  
 Servicing: Dacia, DAF, Renault, Volvo  
 B+ M8, Total length 200.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 66.00 B: 10.50 mm



**110368** Starter 12 V, 2.3 kW  
 Replacing: D9R141  
 Servicing: Audi, Mercedes-Benz, Volvo  
 B+ M10, Total length 289.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (2)  
 A: 82.50 B: 21.00 mm





**110389** Starter 12 V, 2.0 kW  
 Replacing: TM000A06901, TM000A06701, MG122404, M32909, 1EM0049  
 Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki  
 B+ M8, Total length 232.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)  
 A: 88.00 B: 6.00 mm



**110522** Starter 12 V, 3.0 kW  
 Replacing: 455669  
 Servicing: Fiat, Fiat-Allis, Iveco, New Holland  
 B+ M10, Total length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 110.00 B: 26.50 mm



**110584** Starter 12 V, 1.2 kW  
 Replacing: TS8E2, D7E5, D7E25, D7E23, D7E2, D7E16, D6RA572, D6RA571, D6RA57, D6RA5, D6RA37, D6RA20, D6RA100  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 210.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)  
 B: -6.00 mm



**110394** Starter 12 V, 0.85 kW  
 Replacing: D6RA13  
 Servicing: Chevrolet, GEO, Suzuki  
 B+ M8, Total length 207.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)  
 A: 65.85 B: 4.35 mm



**110565** Starter 12 V, 2.8 kW  
 Replacing: D11E15H, D11E154, D11E137  
 Servicing: Eicher, Massey Ferguson  
 B+ M8, Total length 313.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 4 KW: HC-CARGO 115392.  
 A: 89.00 B: 29.50 mm



**110585** Starter 12 V, 1.2 kW  
 Replacing: D9R237, D9E776, D9E774, D9E773, D9E772, D9E771, D9E77, D9E761, D9E76, D9E72, D9E52, D9E39, D9E276  
 Servicing: Renault, Volvo  
 B+ M8, Total length 214.15, Drive type Steel, Gear type DD, Mount. holes 4 (4)  
 A: 66.00 B: -2.00 mm



**110439** Starter 12 V, 2.0 kW  
 Replacing: D11E84, D11E155, D11E141  
 Servicing: Buhner, Compair, Eicher, Massey Ferguson  
 B+ M8, Total length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 25.00 mm



**110576** Starter 24 V, 3.2 kW  
 Replacing: TM000A06001, MG232415, M04501, M000A026  
 Servicing: Mitsubishi  
 B+ M8, Total length 243.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)  
 A: 60.00 B: 18.00 mm



**110587** Starter 12 V, 1.2 kW  
 Replacing: D9EP119, D9E49, D9E48, D6RA23, 99680X, 310213V  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 208.20, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (3)  
 A: 66.00 B: -4.00 mm



**110479** Starter 12 V, 0.9 kW  
 Replacing: MC107023, MC107012, M36873, 1EM0064  
 Servicing: Hyundai, Mitsubishi  
 B+ M8, Total length 189.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)  
 A: 77.00 B: 17.00 mm



**110578#** Starter 12 V, 2.0 kW  
 Replacing: TM000A06601, MG120416, M36203, 2EM0659  
 Servicing: Ford, Mazda  
 B+ M8, Total length 241.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)  
 A: 89.95 B: 41.00 mm



**110793** Starter 12 V, 0.9 kW  
 Replacing: D9E9, D9E27, D8E96, D8E76, D8E124, D8E122, D8E104  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 221.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)  
 A: 66.00 B: 22.00 mm

## STARTERS



**110807** Starter 12 V, 0.85 kW  
 Replacing: MC109011, MC108030, MC108027, M36505, M04686, M000A0171, 1EM0087  
 Servicing: Ford, Kia, Mazda, Opel  
 B+ M8, Total length 197.25, Drive type Steel, Gear type DD, Mount. holes 2 (0)  
 A: 70.00 B: 20.50 mm



**110808** Starter 12 V, 0.85 kW  
 Replacing: TM000A05501, TM000A03901, TM000A0241, MC109046, MC109039, MC109036, MC109028, MC109021, MC108029  
 Servicing: Ford, Kia, Mazda  
 B+ M8, Total length 207.50, Drive type Steel, Gear type DD/GR, Mount. holes 3 (2)  
 A: 74.00 B: 14.50 mm



**110809** Starter 12 V, 2.0 kW  
 Replacing: TM000A06101, MG122433, MG120906, MG120413, M000A025  
 Servicing: Dodge, Hyundai, Mitsubishi, Proton  
 B+ M8, Total length 241.45, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 76.90 B: 0.00 mm



**110810** Starter 12 V, 1.4 kW  
 Replacing: TM000A05101, TM000A03801, N43169, MP112045, MP112038, M42373  
 Servicing: Ford, Kia, Mazda  
 B+ M8, Total length 208.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)  
 A: 73.50 B: 16.00 mm



**110811** Starter 12 V, 1.2 kW  
 Replacing: TM000A04001, MP112040, MG112014, M43007, M43005, 1EM0057  
 Servicing: Dodge, Eagle, Great Wall, Hyundai, Kia, Mazda, Mitsubishi, Plymouth  
 B+ M8, Total length 206.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 17.25 mm



**110818** Starter 12 V, 2.1 kW  
 Replacing: D11E59, D11E35  
 Servicing: Case, Fiat-Allis, Massey Ferguson  
 B+ M8, 15a 6.30, Total length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)  
 A: 92.00 B: 24.60 mm



**110856** Starter 12 V, 0.6 kW  
 Replacing: D9E92, D8E86, D8E74, D8E70, D8E54, D8E131, D8E130, D8E111, D6RA42  
 Servicing: Renault  
 B+ M8, Total length 208.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0)  
 A: 66.00 B: 21.00 mm



**110865** Starter 12 V, 0.95 kW  
 Replacing: D9E136  
 Servicing: Audi, VW  
 B+ M8, Total length 220.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (3) Bushing D.E. (clutch house): HC-CARGO 140500.  
 A: 82.50 B: 15.00 mm



**110866** Starter 12 V, 0.9 kW  
 Replacing: D9E79, D9E78, D9E68, D9E55, D9E46, D9E278  
 Servicing: Renault  
 B+ M8, Total length 197.65, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (2)  
 A: 66.00 B: 10.50 mm



**110958** Starter 12 V, 0.9 kW  
 Replacing: TM000A0191, MC109032, M39378, M39376, M000A0191, M000A0190  
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth  
 B+ M8, Total length 191.50, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)  
 A: 77.00 B: 10.80 mm



**111015** Starter 12 V, 1.1 kW  
 Replacing: D6RA52, D6RA22  
 Servicing: Lombardini, Various Agriculture Vehicles  
 B+ M8, Total length 216.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)  
 A: 76.00 B: 15.00 mm



**111025** Starter 12 V, 0.8 kW  
 Replacing: D6RA39  
 Servicing: Autobianchi, Fiat, Lancia  
 B+ M8, Total length 209.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (2)  
 A: 64.00 B: 11.00 mm




**111029** Starter 12 V, 1.4 kW

Replacing: D7R45, D7R3, D7R151, D7R15, D7R11, D7R1

 Servicing: Citroen, Nissan, Peugeot, Rover  
 B+ M8, Total length 207.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

A: 62.00 B: -5.00 mm


**111047** Starter 12 V, 3.1 kW

Replacing: D9R144, D9R116, D11E167T, D11E167

 Servicing: Volvo, Volvo Penta  
 B+ M8, Total length 303.50, Drive type Steel, Gear type GR, Mount. holes 3 (0), Insulated return

A: 88.85 B: 47.70 mm


**111055** Starter 12 V, 0.7 kW

Replacing: D9E129

 Servicing: Opel, Pontiac, Vauxhall  
 B+ M8, 15a 6.30, Total length 229.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 67.95 B: 18.25 mm


**111058** Starter 12 V, 0.8 kW

Replacing: D9E114

 Servicing: Audi, Seat, VW  
 B+ M8, 15a 6.30, Total length 215.50, Drive type Steel, Gear type DD, Mount. holes 3 (2)

Bushing D.E. (clutch house): HC-CARGO 140500.

A: 82.35 B: 14.75 mm


**111059** Starter 12 V, 0.9 kW

Replacing: D9E140

 Servicing: Seat, VW  
 B+ M8, 15a 6.30, Total length 230.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm


**111063** Starter 12 V, 1.2 kW

Replacing: D9E852, D9E851, D9E85, D9E702, D9E701, D9E70

 Servicing: Citroen, Peugeot, Renault  
 B+ M8, Total length 208.00, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 66.00 B: -4.00 mm


**111065** Starter 12 V, 2.2 kW

Replacing: D9RP160, D9R119

 Servicing: Daewoo, Mercedes-Benz, Ssangyong  
 B+ M8, Total length 276.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.30 B: 26.50 mm


**111066** Starter 12 V, 1.05 kW

Replacing: D9E62, D9E61, D9E54, D9E36, 94612K, 310023W

 Servicing: Citroen, Fiat, Peugeot, Talbot  
 B+ M8, Total length 197.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 65.90 B: 21.00 mm


**111068** Starter 12 V, 0.85 kW

Replacing: D9E75, D9E64, D9E53

 Servicing: Citroen, Peugeot, Talbot  
 B+ M8, Total length 212.25, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 65.85 B: 15.65 mm


**111070** Starter 12 V, 1.7 kW

Replacing: D9R84, D9R121, D7R8, D7R32, D7R27, D7R20, D7R127, D7R12, 185994, 185625, 184643, 182604

Servicing: Citroen, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot

B+ M8, Total length 230.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 66.00 B: -6.50 mm


**111100** Starter 12 V, 0.7 kW

Replacing: D9E93, D8E99, D8E148, D8E116, D6RA431, D6RA43

 Servicing: Citroen  
 B+ M8, Total length 207.75, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 65.60 B: 19.80 mm


**111114** Starter 12 V, 3.1 kW

Replacing: D9R73

 Servicing: Jeep, Renault  
 B+ M8, Total length 257.75, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 75.00 B: -9.50 mm





**111115** Starter 12 V, 2.2 kW  
 Replacing: D9R90  
 Servicing: Citroen, Peugeot, Talbot  
 B+ M8, Total length 281.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 98.50 B: 37.50 mm



**111123** Starter 12 V, 0.9 kW  
 Replacing: D7EP12, D6RA93, D6RA62, D6RA32,  
 D6RA293, D6RA249, D6RA163, D6RA162, D6RA132  
 Servicing: Chevrolet, Daewoo, Fiat,  
 Mercedes-Benz, Opel, Vauxhall  
 B+ M8, Total length 208.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 67.95 B: 18.55 mm



**111125** Starter 12 V, 2.2 kW  
 Manufacturer: Valeo  
 Replacing: D9R89  
 Servicing: DAF, LDV, Peugeot, Talbot  
 B+ M8, Total length 257.50, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.90 B: 21.00 mm



**111127** Starter 12 V, 1.4 kW  
 Replacing: D6RA48  
 Servicing: Opel, Pontiac, Vauxhall  
 B+ M8, Total length 183.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 Replacing: PG100.  
 A: 68.00 B: 18.00 mm



**111130** Starter 12 V, 1.1 kW  
 Replacing: D6RA8, D6RA661, D6RA66,  
 D6RA38, D6RA18, D6RA161, D6RA16,  
 D6RA109, 186887, 186269, 184470, 184413  
 Servicing: Citroen, Fiat, Lancia, Peugeot  
 B+ M8, Total length 208.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (3)  
 A: 65.90 B: -5.00 mm



**111231** Starter 24 V, 6.6 kW  
 Replacing: FS60PR110, D13HP705, D13HP703,  
 D13E123TE, D13E123T, D13E1231TE, D13E123,  
 D13E121TE, D13E119TE  
 Servicing: Renault V.I.  
 B+ M10, B- M10, Total length 405.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 89.00 B: 40.25 mm



**111241** Starter 12 V, 1.2 kW  
 Replacing: TM000A19301, TM000A04101,  
 MP112041, MG112022, M43006  
 Servicing: Dodge, Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 207.80, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 73.00 B: 17.00 mm



**111251** Starter 12 V, 1.1 kW  
 Replacing: D6RA73, D6RA61, D6RA6, D6RA56,  
 D6RA46, D6RA33, D6RA133, 187153, 185547  
 Servicing: Renault, Volvo  
 B+ M8, Total length 208.20, Drive type Steel,  
 Gear type GR, Mount. holes 4 (4)  
 Short version Cargo 115442 !  
 A: 66.00 B: -2.00 mm



**111305** Starter 12 V, 1.2 kW  
 Replacing: TM000A04201, MP112042,  
 MP112033  
 Servicing: Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 207.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 10.20 mm



**111307** Starter 12 V, 1.2 kW  
 Replacing: TM000A08401, S000V1196228,  
 MP112056, M53486, M53436, D6RA78,  
 1250301, 1250299  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 207.15, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 16.65 mm



**111332** Starter 12 V, 2.7 kW  
 Replacing: D11E158, D11E131, D11E120  
 Servicing: Fendt, Renault Agriculture  
 B+ M8, Total length 293.55, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 21.00 mm



**111334** Starter 12 V, 1.2 kW  
 Replacing: D6RA7, D6RA15  
 Servicing: BMW  
 B+ M8, Total length 213.50,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (2)  
 A: 62.00 B: 27.80 mm



**111335** Starter 12 V, 1.1 kW  
 Replacing: D6RA75, D6RA55  
 Servicing: BMW  
 B+ M8, Total length 218.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 B: 14.30 mm



**111347** Starter 12 V, 1.2 kW  
 Replacing: D6RA68, D6RA168  
 Servicing: Daewoo, Mercedes-Benz, Ssangyong, VW  
 B+ M8, Total length 219.80,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 25.00 mm



**111398** Starter 12 V, 1.2 kW  
 Manufacturer: Mahle Letrika  
 Replacing: D9E51  
 Servicing: BUKH  
 B+ M8, Total length 215.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
*Oe unit has an opening on opposite side. HC-CARGO 111398 should be mounted "upside down" (Solenoid downward).*  
 A: 82.00 B: 21.00 mm



**111404** Starter 12 V, 1.1 kW  
 Replacing: D6RA40, D6RA11  
 Servicing: Volvo Penta  
 B+ M8, Total length 224.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
*Valeo D6RA11 is insulated which HC-CARGO 111404 is NOT !*  
 A: 82.45 B: 35.00 mm



**111422** Starter 12 V, 0.8 kW  
 Replacing: D6RA59  
 Servicing: Fiat, Lancia  
 B+ M8, Total length 206.00, Drive type Steel,  
 Gear type DD, Mount. holes 3 (1)  
 A: 64.00 B: 11.50 mm



**111442** Starter 12 V, 1.4 kW  
 Replacing: D7RSA7, D7RSA2, D7RS7, D7RS1  
 Servicing: Acura, Honda, Rover  
 B+ M8, Total length 211.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 A: 75.00 B: 33.50 mm



**111476** Starter 12 V, 2.0 kW  
 Replacing: TM000A14901, MG120445,  
 HK988300  
 Servicing: Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 240.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (2)  
 A: 77.00 B: 10.00 mm



**111508** Starter 12 V, 1.2 kW  
 Replacing: D6RA76  
 Servicing: Mitsubishi  
 B+ M8, Total length 207.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 71.00 B: 4.00 mm



**111565** Starter 12 V, 2.2 kW  
 Replacing: TM000A18601, MG122202,  
 HQ808670  
 Servicing: Hyundai, Kia, Mitsubishi  
 B+ M8, Total length 239.25,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (2)  
 A: 77.30 B: 9.00 mm



**111619** Starter 12 V, 1.7 kW  
 Replacing: D7R42  
 Servicing: Fiat, Seat  
 B+ M8, Total length 263.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 82.50 B: 24.00 mm



**111641** Starter 12 V, 0.7 kW  
 Replacing: TS8E1, D7E1  
 Servicing: Nissan, Renault  
 B+ M8, Total length 195.50,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 2 (1)  
 A: 64.00 B: 0.50 mm



**111694** Starter 12 V, 1.8 kW  
 Replacing: D7R33  
 Servicing: Audi, Ferrari, Seat, Skoda, VW  
 B+ M8, Total length 270.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 16.00 mm

## STARTERS





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**111786** Starter 12 V, 1.7 kW  
 Replacing: TM000A24301  
 Servicing: Mercruiser, Mercury, OMC  
 B+ M8, 15a M5, Total length 246.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 B: 10.0 mm



10,11



**111900** Starter 12 V, 1.8 kW  
 Replacing: D7RS301, D7RS30, D7RS130  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 235.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 Alternative no.: 115503 ★  
 A: 76.00 B: 53.00 mm



8,9,10



**111931** Starter 12 V, 1.1 kW  
 Replacing: D7E8, D7E4, D7E38, D7E18,  
 D6RAP229, D6RA83, D6G5  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 212.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 70.00 B: 15.00 mm



9



**111848** Starter 12 V, 1.0 kW  
 Replacing: D6RA92  
 Servicing: Chevrolet, Citroen, Daewoo,  
 Holden, Isuzu, Opel, Peugeot, Vauxhall  
 B+ M8, Total length 215.50, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 A: 82.50 B: 19.00 mm



10



**111906** Starter 12 V, 1.1 kW  
 Replacing: TS12E10  
 Servicing: Ford, Mazda, Volvo  
 B+ M8, Total length 214.35, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 26.35 mm



9



**111994** Starter 12 V, 0.7 kW  
 Replacing: D7E71, D7E7  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 194.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (1)  
 A: 62.00 B: -5.00 mm



8



**111849** Starter 12 V, 0.8 kW  
 Replacing: TM000A35301, TM000A23501  
 Servicing: Chevrolet, Daewoo, Suzuki  
 B+ M8, Total length 184.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 75.00 B: 6.50 mm



9



**111909** Starter 12 V, 1.1 kW  
 Replacing: D7ES5, D7ES1, 190396  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 212.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115504 ★  
 A: 76.25 B: 32.00 mm



9



**111996** Starter 12 V, 2.2 kW  
 Replacing: D7R61  
 Servicing: Iveco  
 B+ M8, Total length 274.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (1)  
 A: 110.00 B: 26.00 mm



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**111851** Starter 12 V, 2.0 kW  
 Replacing: TM000A15701, D7R46, D7R43,  
 D7R28, D7R19  
 Servicing: Mercedes-Benz  
 B+ M8, Total length 240.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 25.50 mm



10



**111912** Starter 12 V, 2.2 kW  
 Replacing: TM000A36001, TM000A30801  
 Servicing: Hyundai, Mitsubishi, Proton  
 B+ M8, Total length 228.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (2)  
 A: 76.90 B: 2.50 mm



9,10,11



**112053** Starter 12 V, 2.2 kW  
 Replacing: D7R57  
 Servicing: Citroen, Peugeot  
 B+ M8, Total length 272.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 74.00 B: -6.00 mm





**112116** Starter 24 V, 6.6 kW  
 Replacing: FS60PR171  
 Servicing: Volvo  
 B+ M12, B- M12, Total length 407.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (0), Insulated return  
 A: 92.00 B: 47.00 mm



**112224** Starter 24 V, 6.7 kW  
 Replacing: D13HP601  
 Servicing: Scania  
 B+ M12, Total length 428.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 92.00 B: 48.00 mm



**112290** Starter 12 V, 2.2 kW  
 Replacing: VS456, D7R64, 626614, 578147  
 Servicing: Ford, Mazda  
 B+ M8, Total length 264.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 76.00 B: 15.00 mm



**112214** Starter 12 V, 1.6 kW  
 Replacing: D7RSA5, D7RSA4, D7RSA11,  
 D7RSA10  
 Servicing: Honda, Rover  
 B+ M8, Total length 210.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 40.00 mm



**112251** Starter 12 V, 2.3 kW  
 Replacing: D7R70  
 Servicing: Ford, LDV  
 B+ M8, Total length 258.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 91.90 B: 20.50 mm



**112295** Starter 12 V, 1.7 kW  
 Replacing: D9RP256, D9R112, D7R5, D7R35,  
 D7R25, D7R18, D7R13, D6RA112, D10E922,  
 D10E921, D10E92, D10E85  
 Servicing: Mitsubishi, Renault, Volvo  
 B+ M8, Total length 265.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 66.00 B: -0.50 mm



**112217** Starter 12 V, 1.0 kW  
 Replacing: D6RA80, D6RA67, D6RA167  
 Servicing: Honda, Rover  
 B+ M8, Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 75.00 B: 33.50 mm



**112286** Starter 12 V, 1.7 kW  
 Replacing: D7RS29, D7RS129  
 Servicing: Audi, Ford, Mercedes-Benz, Seat,  
 Skoda, VW  
 B+ M8, Total length 236.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 76.10 B: 32.00 mm



**112322** Starter 12 V, 0.8 kW  
 Replacing: TM000A37001, TM000A31001,  
 M56290, 1195248  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 187.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 75.00 B: 14.00 mm



**112218** Starter 12 V, 1.0 kW  
 Replacing: TS10E5, TS10E4, D7E6, D7E26,  
 D7E22, D7E19, 105119C  
 Servicing: Renault  
 B+ M8, Total length 168.25,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 B: -1.00 mm



**112289** Starter 12 V, 0.8 kW  
 Replacing: D9E243, D9E123  
 Servicing: Fiat, Innocenti, Lancia  
 B+ M8, 15a M5, Total length 224.00,  
 Drive type Steel, Gear type DD,  
 Mount. holes 3 (3)  
 A: 64.20 B: 13.00 mm



**112340** Starter 12 V, 1.4 kW  
 Replacing: VS358  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 226.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 4.00 mm

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**112342** Starter 24 V, 5.5 kW  
 Replacing: MG255301, M34466, M000A0271  
 Servicing: Hyundai, Mitsubishi  
 B+ M10, Total length 368.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 100.00 B: 68.00 mm



**112429** Starter 12 V, 2.0 kW  
 Replacing: D7RS50, D7RS150  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 259.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 76.00 B: 62.00 mm



**112440** Starter 12 V, 2.2 kW  
 Replacing: D9R149, D7RP123, D7R281  
 Servicing: Mercedes-Benz, Ssangyong, VW  
 B+ M8, Total length 240.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 82.50 B: 26.00 mm



**112474** Starter 12 V, 1.8 kW  
 Replacing: D7R49, D7R48, D7R47, D7R44  
 Servicing: Mitsubishi, Nissan, Opel, Renault,  
 Suzuki, Vauxhall, Volvo  
 B+ M8, Total length 238.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 4 (3)  
 B: -2.00 mm



**112475** Starter 12 V, 2.1 kW  
 Replacing: D7RP204, D7R56, D7R53, D7R34,  
 D7G11  
 Servicing: Nissan, Opel, Renault, Vauxhall  
 B+ M8, Total length 238.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 3 (2)  
 B: -6.00 mm



**112541** Starter 12 V, 2.2 kW  
 Replacing: D11E272, D11E172  
 Servicing: Fiat, Jeep, Renault  
 B+ M8, Total length 273.00,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 2 (1)  
 A: 77.00 B: -4.00 mm



**112651** Starter 24 V, 4.8 kW  
 Manufacturer: Mahle Letrika  
 Replacing: D11E149, 94955E  
 Servicing: Bosch, KHD  
 B+ M10, Total length 351.50, Drive type Steel,  
 Gear type DD, Mount. holes 3 (0)  
 A: 89.00 B: 48.00 mm



**113020** Starter 12 V, 1.2 kW  
 Replacing: TM000A14401, M62957, 1195923  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 216.50,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (2)  
 A: 70.00 B: 10.00 mm



**113024** Starter 12 V, 1.6 kW  
 Replacing: D7RSA9, D7RSA3  
 Servicing: Honda  
 B+ M8, Total length 211.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 33.00 mm



**113040** Starter 12 V, 0.9 kW  
 Replacing: 458522  
 Servicing: Mitsubishi  
 B+ M8, Total length 190.50,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Wet, Mount. holes 2 (2)  
 A: 76.90 B: 10.00 mm



**113129** Starter 24 V, 4.5 kW  
 Replacing: TM000A08701, MG250302,  
 M24798, M24698, M000A0291  
 Servicing: Mitsubishi  
 B+ M10, Total length 290.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 A: 110.00 B: 64.50 mm



**113134** Starter 12 V, 2.2 kW  
 Replacing: D7R41, 573387  
 Servicing: Opel, Renault, Renault V.I.,  
 Vauxhall  
 B+ M8, Total length 272.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 109.70 B: 27.00 mm





**113141** Starter 12 V, 0.8 kW  
 Replacing: TM000A21901  
 Servicing: Mitsubishi, New Holland, Onan  
 B+ M8, Total length 210.00, Drive type Steel,  
 Gear type DD, Mount. holes 2 (0)  
 A: 73.90 B: 29.50 mm



**113307** Starter 12 V, 1.2 kW  
 Manufacturer: Valeo  
 Replacing: D9E50, D6RA54, D6RA50, D6RA34,  
 D6RA29, D6RA19, 186625  
 Servicing: BUKH, Lombardini  
 B+ M8, Total length 223.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.10 B: 27.00 mm



**113456** Starter 24 V, 6.0 kW  
 Replacing: TM000A0301, M000A0301  
 Servicing: Daewoo  
 B+ M10, Total length 386.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
*w/ safety switch.*  
 A: 89.00 B: 49.00 mm



**113254** Starter 12 V, 1.4 kW  
 Replacing: TS14E110, D6RA110  
 Servicing: Citroen, Ds, Fiat, Peugeot, Toyota  
 B+ M8, Total length 206.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 4 (2)  
 A: 62.00 B: 14.00 mm



**113387** Starter 12 V, 2.0 kW  
 Replacing: D7RS31, D7RS131  
 Servicing: Seat, VW  
 B+ M8, Total length 238.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.00 B: 54.00 mm



**113465** Starter 12 V, 3.0 kW  
 Replacing: D11E119T, D11E119, D11E104  
 Servicing: Renault V.I.  
 B+ M10, Total length 338.00,  
 Drive type Steel, Gear type DD,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 88.75 B: 21.50 mm



**113267** Starter 12 V, 0.7 kW  
 Replacing: TS8E4, D7E41, D7E31  
 Servicing: Nissan  
 B+ M8, Total length 185.50, Drive type Steel,  
 Gear type DD, Mount. holes 2 (1)  
 A: 69.90 B: 12.00 mm



**113443** Starter 12 V, 1.4 kW  
 Replacing: D6RA190  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 240.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (3)  
 A: 62.10 B: -5.00 mm



**113466** Starter 24 V, 4.0 kW  
 Replacing: D11E99, D11E122T, D11E122,  
 76517, 076517  
 Servicing: Renault V.I.  
 B+ M10, Total length 316.00,  
 Drive type Steel, Gear type DD/GR,  
 Clutch type Dry, Mount. holes 3 (0)  
 A: 88.90 B: 22.00 mm



**113269** Starter 12 V, 3.0 kW  
 Manufacturer: Magneton  
 Replacing: D11E146, D11E118  
 Servicing: Atlas Copco, Barber Greene, Benford,  
 Case, Daewoo, Matbro, Perkins, Thwaites  
 B+ M10, Total length 234.50,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 88.80 B: 31.50 mm



**113445** Starter 12 V, 2.2 kW  
 Replacing: TM000A36101, TM000A34101  
 Servicing: Hyundai, Mitsubishi  
 B+ M8, Total length 239.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (2)  
 A: 76.90 B: 9.00 mm



**113478** Starter 12 V, 2.8 kW  
 Manufacturer: Lucas  
 Replacing: D7R14, 187031  
 Servicing: Atlas Copco, John Deere  
 B+ M10, 30h M5, Total length 303.50,  
 Drive type Steel, Gear type DD, Oil sealed,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 82.50 B: 35.00 mm

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**113481** Starter 12 V, 1.4 kW

Replacing: D6RA104, D6RA101

Servicing: Opel, Renault, Suzuki, Vauxhall

B+ M8, Total length 231.00, Drive type Steel, Gear type GR, Mount. holes 4 (4)

A: 65.90 B: -1.00 mm


**113521** Starter 12 V, 1.2 kW

Replacing: TM000A13901, M60082, M60062

Servicing: Hyundai, Kia

B+ M8, Total length 213.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 18.00 mm


**113605** Starter 12 V, 1.1 kW

Manufacturer: Bosch

Replacing: D6RA63

Servicing: Renault, Volvo

B+ M8, Total length 216.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 66.00 B: -1.70 mm


**113609** Starter 24 V, 6.2 kW

Replacing: FS60PR006

Servicing: Mercedes-Benz

B+ M12, 15a M6S, Total length 391.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)

A: 92.00 B: 48.00 mm


**113638** Starter 12 V, 1.4 kW

Replacing: TM000A13701, M60081

Servicing: Chrysler, Hyundai, Kia, Mitsubishi

B+ M8, Total length 194.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 77.00 B: 10.50 mm


**113659** Starter 12 V, 0.9 kW

Replacing: TM000A37201, TM000A27301, 1250955

Servicing: Hyundai, Kia

B+ M8, Total length 186.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 77.00 B: 18.00 mm


**113676** Starter 24 V, 5.5 kW

Replacing: MF250671

Servicing: Renault V.I.

B+ M10, Total length 350.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0) w/ safety switch.

Alternative no.: 115883

A: 89.00 B: 40.00 mm


**113719** Starter 12 V, 1.3 kW

Replacing: D6G321, D6G32, D6G1

Servicing: Fiat, Lancia, Opel, Vauxhall

B+ M8, Total length 201.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

Alternative no.: 115869

A: 63.90 B: 24.00 mm


**113727** Starter 12 V, 2.7 kW

Replacing: TM000A28901

Servicing: Bobcat

B+ M10, 15a M5, Total length 286.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.50 B: 46.50 mm


**113745** Starter 12 V, 1.4 kW

Replacing: VS371, 458545

Servicing: Jaguar

B+ M8, 15a M4, Total length 267.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)

A: 89.00 B: 26.70 mm


**113756** Starter 12 V, 0.8 kW

Manufacturer: Valeo

Replacing: D7ED281, D7ED28

Servicing: Mercedes-Benz

B+ M8, Total length 176.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 15.00 mm


**113773** Starter 12 V, 1.1 kW

Replacing: D6GS14M, D6GS14

Servicing: Audi, Seat, Skoda, VW

B+ M8, Total length 210.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.15 B: 62.00 mm



**113796** Starter 12 V, 1.7 kW  
 Replacing: TM000A31201  
 Servicing: Hyundai  
 B+ M8, Total length 223.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (2)  
 A: 82.40 B: 24.00 mm



**113843** Starter 12 V, 1.1 kW  
 Replacing: D6G332, D6G33  
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall  
 B+ M8, Total length 199.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (1)  
 A: 64.00 B: 24.25 mm



**113929** Starter 12 V, 1.2 kW  
 Replacing: D6RA115, D6RA105  
 Servicing: Renault  
 B+ M8, Total length 209.00,  
 Gear type GR, Mount. holes 3 (3)  
 B: -1.00 mm



**113797** Starter 12 V, 1.7 kW  
 Replacing: TM000A33401, 1250295, 1195925  
 Servicing: Hyundai, Kia, Nissan  
 B+ M8, Total length 223.40, Drive type Steel,  
 Gear type DD, Mount. holes 2 (2)  
 A: 76.95 B: 16.85 mm



**113897** Starter 12 V, 1.4 kW  
 Replacing: TS12E9  
 Servicing: Dacia, Nissan, Renault, Suzuki  
 B+ M8, Total length 201.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 62.90 B: -0.07 mm



**113932** Starter 12 V, 0.85 kW  
 Replacing: TS10E3, FS10E3, D7E47, D7E27  
 Servicing: Dacia, Nissan, Renault  
 B+ M8x1.25, Total length 168.00,  
 Gear type DD, Mount. holes 3 (3)  
 B: -3.00 mm



**113841** Starter 12 V, 1.7 kW  
 Replacing: TS18ER123, TS18E3, D7GS10,  
 458390  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 242.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 A: 76.10 B: 62.00 mm



**113905** Starter 12 V, 1.4 kW  
 Manufacturer: Visteon  
 Replacing: TS14E11  
 Servicing: Ford, Mazda  
 B+ M8, Total length 208.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (2)  
 B: 13.00 mm



**113933** Starter 12 V, 1.5 kW  
 Replacing: TS18E13, D7G3, 190895  
 Servicing: Citroen, Ds, Mini, Peugeot, Toyota  
 B+ M8, Total length 220.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 4 (2)  
 B: 13.00 mm



**113842** Starter 12 V, 2.0 kW  
 Replacing: TS18E1, D7GS8, 191335  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 246.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115508   
 A: 76.20 B: 52.50 mm



**113926** Starter 12 V, 1.9 kW  
 Replacing: D8R29, D8R27  
 Servicing: Citroen, Fiat, Peugeot  
 B+ M8, Total length 237.00,  
 Gear type GR, Mount. holes 3 (3)  
 B: -5.00 mm



**113934** Starter 24 V, 5.5 kW  
 Replacing: S635329A, FS60PR019  
 Servicing: Bova, DAF, Solaris  
 B+ M10, Total length 321.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 110.00 B: 48.00 mm

## STARTERS


**113937** Starter 12 V, 2.2 kW

Replacing: TM000V23601, TM000A23601, 1250128

Servicing: Hyundai, Kia

 B+ M8, Total length 240.00,  
Gear type GR, Mount. holes 2 (2)

A: 78.00 B: 16.50 mm


**113962** Starter 12 V, 0.9 kW

Replacing: D7E52

Servicing: Abarth, Alfa Romeo, Fiat, Ford, Lancia

 B+ M8, Total length 169.60,  
Gear type DD/GR, Mount. holes 2 (1)

A: 64.10 B: 10.00 mm


**113963** Starter 12 V, 1.1 kW

Replacing: TS10E1

Servicing: Citroen, Peugeot, Toyota

 B+ M8, Total length 168.40,  
Gear type DD/GR, Mount. holes 2 (1)

A: 74.00 B: 25.00 mm


**113974** Starter 12 V, 1.1 kW

Replacing: D6RA210, D6RA21

Servicing: Moto Guzzi

 B+ M8, Total length 210.00,  
Drive type Steel, Gear type GR,  
Mount. holes 2 (2)

A: 62.00 B: 9.45 mm


**114029** Starter 12 V, 1.8 kW

Replacing: TS18E331, TS18E33

Servicing: Opel, Vauxhall

 B+ M8, Total length 215.00,  
Drive type Steel, Gear type GR,  
Mount. holes 2 (1)

A: 64.00 B: 23.10 mm


**114030** Starter 12 V, 2.2 kW

Replacing: TS22E26, D7G26

Servicing: Citroen, Ds, Peugeot

 B+ M8, Total length 218.00,  
Gear type GR, Mount. holes 4 (2)

B: 13.50 mm


**114034** Starter 12 V, 1.0 kW

Replacing: TS10E26, D6GS12M, D6GS12

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Total length 194.00,  
Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 52.50 mm


**114035** Starter 12 V, 1.3 kW

 Replacing: D6RA188, D6RA187, D6RA138,  
D6RA137

Servicing: Fiat, Lancia

 B+ M8, Total length 208.00,  
Drive type Steel, Gear type GR,  
Mount. holes 2 (2)

B: 10.00 mm


**114073** Starter 24 V, 5.5 kW

Replacing: FS60PR020

Servicing: Bova, DAF, Minelli, Solaris

 B+ M10, Total length 319.00, Drive type Steel,  
Gear type DD/GR, Mount. holes 3 (0)  
w/ safety switch.

Alternative no.: 115511

A: 110.00 B: 47.00 mm


**114074** Starter 12 V, 2.2 kW

 Replacing: TS22E9, TS22E8, TS22E5B,  
TS22E5, TS2232

Servicing: Nissan, Opel, Renault, Vauxhall

 B+ M8, Total length 215.00,  
Gear type GR, Mount. holes 3 (3)

A: 76.50 B: 13.50 mm


**114095** Starter 12 V, 0.85 kW

Replacing: TS8E6, D7E39

Servicing: Dacia, Nissan, Renault

 B+ M8, Total length 170.00,  
Drive type Steel, Gear type DD,  
Clutch type Dry, Mount. holes 2 (1)

A: 62.50 B: -1.00 mm


**114100** Starter 24 V, 7.5 kW

Replacing: D13HP709, D13HP613

Servicing: Renault V.I.

 B+ M12, Total length 380.00,  
Gear type GR, Mount. holes 3 (0)

Alternative no.: 115893

A: 92.00 B: 47.00 mm





**114127** Starter 12 V, 1.6 kW  
 Manufacturer: Valeo  
 Replacing: D7G4  
 Servicing: BMW  
 B+ M8, 30h M5, Total length 220.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 74.00 B: 20.50 mm



**114175** Starter 12 V, 1.1 kW  
 Replacing: TS12E1  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 223.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (0)  
 A: 76.00 B: 56.00 mm



**114265** Starter 12 V, 2.7 kW  
 Replacing: D11E75  
 Servicing: VM (Stabilimenti Mec)  
 B+ M10, Total length 295.00,  
 Mount. holes 2 (0)  
 A: 82.50 B: 21.50 mm



**114161** Starter 12 V, 2.4 kW  
 Replacing: D8R1  
 Servicing: Renault  
 B+ M8, Total length 239.00,  
 Gear type GR, Mount. holes 3 (2)  
 B: -7.00 mm



**114176** Starter 12 V, 1.0 kW  
 Replacing: D6GS13M, D6GS13  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 213.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 76.00 B: 52.00 mm



**114270** Starter 12 V, 2.2 kW  
 Replacing: TM000A34001  
 Servicing: Ssangyong  
 B+ M8, Total length 253.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 25.00 mm



**114163** Starter 12 V, 1.1 kW  
 Replacing: TS12MR11, D6GS11  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 195.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.00 B: 53.00 mm



**114198** Starter 12 V, 1.3 kW  
 Replacing: D6RA108  
 Servicing: BMW  
 B+ M8, Total length 211.50,  
 Gear type GR, Mount. holes 3 (2)  
 A: 76.00 B: 21.00 mm



**114299** Starter 12 V, 1.7 kW  
 Replacing: TS18ER121, 458389, 438225  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, 15a Plug, Total length 232.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 76.20 B: 56.00 mm



**114171** Starter 12 V, 1.7 kW  
 Manufacturer: Valeo  
 Replacing: D7GS9  
 Servicing: Audi, VW  
 B+ M8, Total length 211.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.00 B: 7.50 mm



**114199** Starter 12 V, 0.7 kW  
 Replacing: TS8E5, TS8E3, D7E42, D7E40,  
 D7E32, D7E30  
 Servicing: Nissan, Renault  
 B+ M8x1.25, Total length 166.00,  
 Gear type DD, Mount. holes 2 (1)  
 A: 70.00 B: 11.00 mm



**114443** Starter 12 V, 0.9 kW  
 Replacing: 1195239  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 174.50,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 21.00 mm



10,11,12,13


**114460** Starter 12 V, 1.4 kW

Replacing: D7R4, D7R26, D7R24, D7R2

Servicing: Citroen, Fiat, Hyundai, Lancia, Mitsubishi, Peugeot

 B+ M8, Total length 216.00,  
 Gear type GR, Mount. holes 3 (3)  
 B: -4.00 mm


10


**114525** Starter 12 V, 1.3 kW

Manufacturer: Valeo

Replacing: D6RADP359, D6RAD183

Servicing: Mercedes-Benz

 B+ M8, Total length 211.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 70.00 B: 15.00 mm


9


**114719** Starter 12 V, 1.2 kW

Manufacturer: Valeo

Replacing: D6RA17

Servicing: Ruggieri

 B+ M8, Total length 217.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 A: 76.00 B: 28.00 mm


8


**114760** Starter 12 V, 0.8 kW

Replacing: 1250902

Servicing: Hyundai, Kia

 B+ M8, Total length 186.50,  
 Gear type DD, Mount. holes 2 (2)  
 A: 75.00 B: 14.50 mm


11


**114762** Starter 12 V, 2.2 kW

Replacing: MG122423

Servicing: Kia

 B+ M8, Total length 283.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 88.00 B: 44.50 mm


12


**114778** Starter 12 V, 2.0 kW

Replacing: 1250449

Servicing: Hyundai, Kia

 B+ M8, Total length 223.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 82.50 B: 25.00 mm


8


**114820** Starter 12 V, 1.2 kW

Replacing: TM000A38001, 1195921

Servicing: Hyundai, Kia

 B+ M8, Total length 194.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 77.00 B: 17.00 mm


8


**114821** Starter 12 V, 0.9 kW

Replacing: JM000A15001

Servicing: Hyundai, Kia

 B+ M8, Total length 185.00,  
 Gear type DD, Mount. holes 2 (2)  
 A: 75.00 B: 15.00 mm


11


**114854** Starter 12 V, 2.5 kW

Replacing: D8R28

Servicing: Citroen, Fiat, Lancia, Mitsubishi, Peugeot, VW

 B+ M8, Total length 238.00,  
 Gear type GR, Mount. holes 5 (5)  
 B: -5.00 mm


12


**114872** Starter 24 V, 5.5 kW

Replacing: FS60PR172

Servicing: Renault V.I., Volvo

 B+ M10, Total length 351.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 115875   
 A: 92.00 B: 46.00 mm


10


**114878** Starter 12 V, 2.2 kW

Replacing: D7G22

Servicing: Chrysler, Jeep

 B+ M8, Total length 249.00,  
 Gear type GR, Mount. holes 2 (2)  
 A: 60.00 B: 27.00 mm


8


**114885** Starter 12 V, 0.9 kW

Replacing: TM000A18001, MC109015, M35216

Servicing: Kia

 B+ M8, Total length 184.00,  
 Gear type DD, Mount. holes 3 (2)  
 A: 74.00 B: 12.50 mm



**114892** Starter 12 V, 0.9 kW  
 Replacing: S0001250303, 1250303  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 185.30,  
 Gear type DD, Mount. holes 2 (2)  
 A: 77.00 B: 21.00 mm



**115402** Starter 12 V, 1.8 kW  
 Replacing: ESW20ER123HE, ESW20ER123  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 248.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 61.00 mm



**115522** Starter 12 V, 0.7 kW  
 Replacing: D7E29  
 Servicing: Nissan  
 B+ M8, Total length 168.00,  
 Gear type DD, Mount. holes 2 (1)  
 A: 70.00 B: 6.50 mm



**115336** Starter 12 V, 2.2 kW  
 Replacing: ESW20ER121  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 252.00,  
 Gear type GR, Mount. holes 3 (0)  
 A: 79.00 B: 52.00 mm



**115403** Starter 12 V, 2.2 kW  
 Manufacturer: Valeo  
 Replacing: D7R51  
 Servicing: Still  
 B+ M8, Total length 239.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 82.50 B: 26.00 mm



**115539** Starter 12 V, 2.0 kW  
 Manufacturer: Valeo  
 Replacing: ESW20ER25  
 Servicing: Audi, Seat, VW  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 42.00 mm



**115354** Starter 12 V, 1.3 kW  
 Replacing: D6RAP404, D6RA70, D6RA107  
 Servicing: Citroen, Lancia, Peugeot, Renault  
 B+ M8, Total length 212.00,  
 Gear type GR, Mount. holes 3 (0)  
 B: 13.50 mm



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**115426** Starter 12 V, 1.0 kW  
 Replacing: FS10M3, 1196052A  
 Servicing: Nissan  
 B+ M8, Total length 170.00,  
 Gear type GR, Mount. holes 2 (2)  
 B: 21.00 mm

**115554** Starter 12 V, 1.0 kW  
 Replacing: D6RA91  
 Servicing: Honda  
 B+ M8, Total length 234.50,  
 Gear type GR, Mount. holes 2 (0)  
 A: 75.00 B: 32.00 mm



**115376** Starter 12 V, 1.8 kW  
 Replacing: TS18ER20  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 217.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 62.00 mm



**115442** Starter 12 V, 0.8 kW  
 Replacing: D7E20, D7E15  
 Servicing: Dacia, Nissan, Renault  
 B+ M8, Total length 170.50,  
 Gear type DD, Mount. holes 3 (3)  
 A: 65.25 B: -1.00 mm



**115555** Starter 12 V, 1.0 kW  
 Manufacturer: Valeo  
 Replacing: ESW10E40  
 Servicing: Ford  
 B+ M8, Total length 178.00,  
 Gear type DD, Mount. holes 2 (1)  
 A: 86.00 B: 20.00 mm





**115559** Starter 12 V, 1.4 kW  
 Replacing: TS14E42  
 Servicing: Audi, Porsche  
 B+ M8, Total length 230.50,  
 Gear type GR, Mount. holes 2 (1)  
 Alternative no.: 116054 **5★**  
 A: 66.00 B: 24.00 mm



**115571** Starter 12 V, 2.2 kW  
 Replacing: 1196601  
 Servicing: Chevrolet, Opel, Vauxhall  
 B+ M8, Total length 238.50,  
 Gear type GR, Mount. holes 3 (1)  
 A: 82.50 B: 22.00 mm



**115574** **5★** Starter 12 V, 1.2 kW  
 Manufacturer: Valeo  
 Replacing: TS12E36  
 Servicing: BMW  
 B+ M8, Total length 203.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 76.00 B: 26.00 mm



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**115610** Starter 12 V, 2.0 kW  
 Replacing: ESW20ER20B, ESW20ER20  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 240.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 61.00 mm



**115611** Starter 12 V, 1.1 kW  
 Replacing: TS12ER20  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 211.30,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.20 B: 63.00 mm



**115612** Starter 12 V, 1.2 kW  
 Replacing: TS12ER22M, TS12ER22  
 Servicing: Audi, Seat, Skoda, VW  
 B+ M8, Total length 211.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 63.00 mm



**115634** **5★** Starter 12 V, 1.8 kW  
 Manufacturer: Valeo  
 Replacing: TS18ER22  
 Servicing: Audi, Hyundai, Peugeot, Seat,  
 Skoda, VW  
 B+ M8, Total length 217.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 79.00 B: 62.00 mm



**115674** Starter 24 V, 5.0 kW  
 Replacing: YGA000061, TM000A08601,  
 MG250448  
 Servicing: Halla, Various Industrial  
 applications  
 B+ M8, Total length 273.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 95.00 B: 19.00 mm



**115684** **5★** Starter 12 V, 2.0 kW  
 Manufacturer: Valeo  
 Replacing: ESW20E11, ESW2022  
 Servicing: Ford  
 B+ M8, Total length 235.00,  
 Gear type GR, Mount. holes 3 (0)  
 B: 14.00 mm



**115685** Starter 12 V  
 Replacing: FS10E10  
 Servicing: Renault  
 B+ M8, Total length 184.00,  
 Gear type GR, Mount. holes 3 (3)  
 A: 70.00 B: 19.50 mm



**115744** **5★** Starter 12 V, 1.7 kW  
 Manufacturer: Valeo  
 Replacing: D7GS17  
 Servicing: VW  
 Gear type GR, Mount. holes 3 (2)



**115745** Starter 12 V, 2.2 kW  
 Replacing: TS22E20  
 Servicing: Cadillac, Chevrolet, Saab  
 B+ M8, Total length 218.00,  
 Gear type GR, Mount. holes 2 (0)  
 A: 76.00 B: 20.00 mm



**115751** Starter 24 V, 5.0 kW  
 Manufacturer: Valeo  
 Replacing: 1251025  
 Servicing: Hyundai  
 B+ M8, Total length 288.00,  
 Gear type GR, Mount. holes 4 (2)  
 A: 60.00 B: 17.50 mm



**115829** Starter 12 V, 1.8 kW  
 Replacing: ESW20E26  
 Servicing: Nissan, Renault  
 B+ M8, Total length 236.00,  
 Gear type GR, Mount. holes 3 (3)  
 B: 1.00 mm



**115839** Starter 12 V, 2.0 kW  
 Replacing: TS24E30, TS24E3  
 Servicing: Toyota  
 B+ M8, Total length 217.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 74.00 B: 24.00 mm



**115869** Starter 12 V, 1.3 kW  
 Manufacturer: Valeo  
 Replacing: D6G321, D6G32, D6G1  
 Servicing: Fiat, Lancia, Opel, Vauxhall  
 B+ M8, Total length 201.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (1)  
 Alternative no.: 113719  
 A: 63.90 B: 24.00 mm



**115875** Starter 24 V, 5.5 kW  
 Manufacturer: Mitsubishi  
 Replacing: FS60PR172  
 Servicing: Renault V.I., Volvo  
 B+ M10, Total length 320.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 114872  
 A: 92.00 B: 47.00 mm



**115893** Starter 24 V, 7.2 kW  
 Manufacturer: Prestolite  
 Replacing: D13HP709, D13HP613  
 Servicing: Renault V.I.  
 B+ M12, B- M12, Total length 380.00,  
 Gear type GR, Mount. holes 3 (0)  
 Alternative no.: 114100  
 A: 92.00 B: 47.00 mm



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**115947** Starter 12 V, 1.1 kW  
 Replacing: D6GS19  
 Servicing: Audi, Seat  
 Gear type GR, Mount. holes 2 (2)



**115948** Starter 12 V, 2.2 kW  
 Replacing: TS22E45  
 Servicing: Audi, Porsche  
 B+ M8, Total length 249.00,  
 Gear type GR, Mount. holes 2 (1)  
 A: 66.00 B: 24.00 mm



**115949** Starter 12 V, 2.2 kW  
 Replacing: TS24E6  
 Servicing: Nissan  
 B+ M8, Total length 221.00,  
 Gear type GR, Mount. holes 2 (2)  
 B: 20.50 mm



**115974** Starter 12 V, 2.4 kW  
 Replacing: D8R49  
 Servicing: Renault  
 B+ M8, Total length 238.50,  
 Gear type GR, Mount. holes 4 (3)  
 B: 0.00 mm



**115977** Starter 12 V, 1.2 kW  
 Replacing: 1250313, 1195912  
 Servicing: Hyundai, Kia  
 B+ M8, Total length 215.50,  
 Gear type GR, Mount. holes 2 (2)  
 A: 70.00 B: 10.20 mm



**116049** Starter 12 V, 1.2 kW  
 Manufacturer: Visteon  
 Replacing: TS12E38  
 Servicing: Ford, Volvo



**116054** Starter 12 V, 1.4 kW

Manufacturer: Bosch

Replacing: TS14E42

Servicing: Audi, Porsche

B+ M8, Total length 230.50,

Gear type GR, Mount. holes 2 (1)

Alternative no.: 115559

A: 66.00 B: 24.00 mm



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**116088\*** Starter 12 V, 2.4 kW

Replacing: ESW24E50, ESW24E5

Servicing: Volvo

Gear type GR, Mount. holes 3 (2)



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**116097\*** Starter 12 V, 2.0 kW

Replacing: TS18ER23

Servicing: Audi, Seat, Skoda, VW

Gear type GR, Mount. holes 2 (0)

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**116112\*** Starter

Replacing: MG120558





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**116074\*** Starter 12 V, 0.4 kW

Replacing: 178100

Servicing: piaggio

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**111374** Starter 12 V, 1.5 kW  
 Replacing: 20-100-01032, 20-100-01003  
 Servicing: Ford, Jaguar, Mazda, Mercury  
 B+ M8, Total length 219.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)



**111900** Starter 12 V, 1.8 kW  
 Replacing: 20-100-01015  
 Servicing: Audi, Ford, Seat, Skoda, VW  
 B+ M8, Total length 235.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 2 (0)  
 Alternative no.: 115503   
 A: 76.00 B: 53.00 mm



**111906** Starter 12 V, 1.1 kW  
 Replacing: 20-100-01010  
 Servicing: Ford, Mazda, Volvo  
 B+ M8, Total length 214.35,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (3)  
 A: 76.00 B: 26.35 mm



**112235** Starter 12 V, 1.4 kW  
 Replacing: 20-100-01005, 20-100-01001  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 225.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (2)  
 A: 76.10 B: 13.00 mm



**112251** Starter 12 V, 2.3 kW  
 Replacing: 20-100-01020, 20-100-01011  
 Servicing: Ford, LDV  
 B+ M8, Total length 258.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (0)  
 A: 91.90 B: 20.50 mm



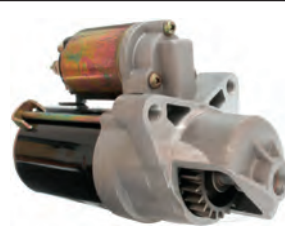
**112290** Starter 12 V, 2.2 kW  
 Replacing: 20-100-01025, 20-100-01008, 20-100-01007  
 Servicing: Ford, Mazda  
 B+ M8, Total length 264.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 3 (3)  
 A: 76.00 B: 15.00 mm



**112340** Starter 12 V, 1.4 kW  
 Replacing: 20-100-01002  
 Servicing: Ford, Mazda, Mercury  
 B+ M8, Total length 226.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 4.00 mm



**112821** Starter 12 V, 2.2 kW  
 Replacing: 20-100-01022  
 Servicing: Ford, Jaguar  
 B+ M8, Total length 250.80,  
 Drive type Steel, Gear type GR,  
 Clutch type Wet, Mount. holes 2 (0)  
 Alternative no.: 115870   
 B: 36.00 mm



**113701** Starter 12 V, 1.1 kW  
 Manufacturer: Visteon  
 Replacing: 20-100-01006  
 Servicing: Ford, Mazda  
 B+ M8, Total length 218.50,  
 Drive type Steel, Gear type DD,  
 Clutch type Wet, Mount. holes 3 (2)  
 Comstar supply 23 tooth. Real supply 21 tooth.  
 A: 71.00 B: 14.00 mm



**113794** Starter 12 V, 1.4 kW  
 Replacing: 20-100-01023  
 Servicing: Ford  
 B+ M8, Total length 251.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 B: 29.00 mm



**113905** Starter 12 V, 1.4 kW  
 Manufacturer: Visteon  
 Replacing: 20-100-01021  
 Servicing: Ford, Mazda  
 B+ M8, Total length 208.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (2)  
 B: 13.00 mm



**113906** Starter 12 V, 1.2 kW  
 Replacing: 20-100-01027  
 Servicing: Ford, Volvo  
 B+ M8, Total length 214.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 B: 29.00 mm



**113907** 5★ Starter 12 V, 1.2 kW  
 Manufacturer: Visteon  
 Replacing: 20-100-01028  
 Servicing: Ford  
 B+ M8, Total length 169.00,  
 Drive type Steel, Gear type GR,  
 Clutch type Dry, Mount. holes 2 (0)  
 B: 29.00 mm



**113911** 5★ Starter 12 V, 2.2 kW  
 Manufacturer: Visteon  
 Replacing: 20-100-01036  
 Servicing: Ford, Volvo  
 B+ M8, Total length 243.50,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (3)  
 A: 62.50 B: -5.95 mm



**113908** 5★ Starter 12 V, 1.2 kW  
 Manufacturer: Visteon  
 Replacing: 20-100-01029  
 Servicing: Ford, Mazda, Volvo  
 B+ M8, Total length 200.30, Drive type Steel,  
 Gear type GR, Mount. holes 3 (2)  
 Alternative no.: 116062  
 B: 14.00 mm



**115870** 5★ Starter 12 V, 2.1 kW  
 Manufacturer: VISTEON  
 Replacing: 20-100-01022  
 Servicing: Ford, Jaguar  
 B+ M8, Total length 256.00,  
 Gear type GR, Mount. holes 2 (0)  
 Alternative no.: 112821  
 B: 36.00 mm



**113909** 5★ Starter 12 V, 2.2 kW  
 Manufacturer: Visteon  
 Replacing: 20-100-01031  
 Servicing: Ford  
 B+ M8, Total length 218.00, Drive type Steel,  
 Gear type GR, Mount. holes 2 (0)  
 B: 15.50 mm



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**116062** Starter 12 V, 1.2 kW  
 Replacing: 20-100-01029  
 Servicing: Ford, Mazda, Volvo  
 B+ M8, Total length 216.00,  
 Drive type Steel, Gear type GR,  
 Mount. holes 3 (2)  
 Alternative no.: 113908 5★  
 B: 14.00 mm



**113910** Starter 12 V, 1.4 kW  
 Replacing: 20-100-01034, 20-100-01014  
 Servicing: Ford  
 B+ M8, Total length 209.00, Drive type Steel,  
 Gear type GR, Mount. holes 3 (3)  
 A: 76.00 B: 15.00 mm

## STARTERS





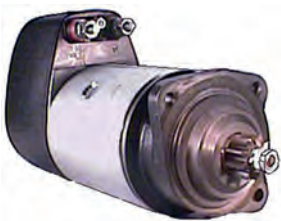
**110512** Starter 24 V, 5.4 kW

Replacing: BNG4/24CRS163, BNG4/24CR231, BNG4/24, 0001416054, 0001416047, 0001416024, 0001416022, 0001415002, IM522, R23.25, R23.17, R23.16, R20Z, R20.17, 6250000, 6160000, AZK5412, AZK5194, AZK5104, 11.139.052, 11.139.035, 11.130.115, 10.130.123, 22615, 9125340, 9125320, 19024556, 19024550, 19024024, D13E81T, D13E81, D13E69T, D13E69, D13E63T, D13E63, 076571

Servicing: Ahlmann, Irmer, Mercedes-Benz, Various Agriculture Vehicles

B+ M10, Total length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



**110601** Starter 24 V, 5.4 kW

Replacing: BNG4/24CRS165SR, BNG4/24CR165SR, 0001416013, 0001415010, 0001414017, 0001410030, 0001410029, IM131, R23.13, 6130000, AZK5193, AZK5117, AZK5113, 11.139.034, 11.130.005, 10.130.121, 9125290, 9124340, 19024578

Servicing: Mercedes-Benz, Steyr

B+ M10, Total length 386.25, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 47.50 mm



**111213** Starter 12 V

Replacing: 50-70604A3, 50-70604A1

Servicing: Ford

B+ M8, Total length 250.45, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 103.60 B: 16.50 mm



**114075** Starter 12 V

Replacing: 32-098-04, 32-098-03, 32-098-01

Servicing: Cub Cadet, Fiat, New Holland

B+ 1/4" UNC, Total length 221.00, Gear type DD, Mount. holes 2 (0)

B: 18.00 mm



**114104** Starter 12 V

Replacing: 31200-MZ5-003, 31200-MR7-018, 31200-MR7-008

Servicing: Honda

B+ M6, Total length 172.50, Gear type DD, Mount. holes 2 (0)

A: 46.00 B: 33.00 mm



**114335** Starter 12 V, 2.5 kW

Servicing: BMW, Isuzu

B+ M10, Total length 297.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 48.00 mm



**114338** Starter 24 V, 4.5 kW

Servicing: Cummins, Perkins

B+ M10, Total length 298.00, Drive type Steel

A: 89.00 B: 47.00 mm



**114339** Starter 24 V, 4.5 kW

Servicing: Cummins

B+ M10, Total length 297.08

A: 89.00 B: 65.00 mm



**114688** Starter 12 V, 2.0 kW

Replacing: 31558-94

Servicing: Harley Davidson

B+ M8, Total length 228.00, Gear type GR

1.2 kw version = HC-CARGO 111839.

A: 53.70 mm



**115406** Starter 12 V, 0.8 kW

Replacing: 31200-ZF5A-L310, 31200-ZF5-L320, 31200-ZF5-L32

Servicing: Honda, Toro

B+ 1/4" UNC, Total length 204.00, Gear type DD, Mount. holes 3 (0)

A: 60.50 B: 8.00 mm



**115447\*** Starter 24 V, 8.0 kW

Replacing: 8200435

Servicing: Case, Cummins, Fiat-Allis, Lister, Various Agriculture Vehicles, Various Industrial applications

B+ M12, B- M12, Total length 413.00, Gear type GR, Mount. holes 3 (0), Insulated return

Replacing: 39mt.

A: 92.00 B: 47.50 mm

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**115464\*** Starter 24 V, 6.0 kW

Replacing: 10219978, 0001330012

Servicing: Volvo

B+ M10, B- M10, Total length 367.50,  
Gear type GR, Mount. holes 3 (0),  
Insulated return

Alternative no.: 116044

A: 89.00 B: 48.00 mm



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**115972** Starter 12 V, 1.0 kW

Replacing: 428000-2192, 428000-2191,  
428000-2190

Servicing: Cub Cadet, Yanmar

B+ M8, Total length 202.00,  
Gear type GR, Mount. holes 2 (0)

A: 80.00 B: 20.50 mm



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**116051** Starter 12 V, 2.2 kW

Manufacturer: Visteon

Replacing: 30659314

Servicing: Volvo



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**116053** Starter 12 V, 1.4 kW

Manufacturer: Visteon

Replacing: 36013613, 30644972

Servicing: Volvo



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**116073\*** Starter 12 V

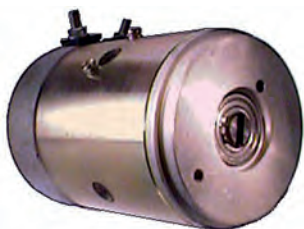
Replacing: 31100-22G10, 31100-22G00

Servicing: suzuki

Mount. holes 2 (0)



**110429** DC Motor 12 V, 2.0 kW  
 Manufacturer: Mahle Letrika  
 Replacing: AMJ5632, 11.212.066, 19024660, 19024654  
 Length 174.00, Pulley w/o,  
 Not Insulated return



**111091** DC Motor 24 V, 2.2 kW  
 Manufacturer: Mahle Letrika  
 Replacing: 0136355081, 24MB22TWA, 24MB22M, 24MB21TWA, 24MB21M, 24MB1TWA, 24M1TP13, 1024, AMJ5592, 11.212.417, 19024678  
 Length 195.60, Pulley w/o,  
 Insulated return



**111092** DC Motor 12 V, 1.6 kW  
 Manufacturer: Mahle Letrika  
 Replacing: 0136355080, 12MB1WA, 12MB1TWA, 12MB1CWA, 12MB12TWA, 12MB12M, 12MB11TWA, 12MB11M, 12M1TP13, 1012, AMJ5991, AMJ5591, AMJ5272, 11.212.957, 11.212.416, 19024706  
 Length 195.45, Pulley w/o,  
 Insulated return



**111466** DC Motor 24 V, 1.5 kW  
 Replacing: 0136355067, 0136355061, 0136355057, 0136355042, 0136355038, 0136355037, 0136355014, 0136355012, 1424, 11.214.057, 11.212.001  
 Servicing: Volvo  
 Length 200.40, Pulley w/o,  
 Not Insulated return



**111861** DC Motor 12 V, 1.3 kW  
 Replacing: MKW4007, MGL4105, FPOR4001, 462415, SM48826, MM48826, M0551046A  
 Length 175.00, Pulley w/o,  
 Not Insulated return



**112311** DC Motor 12 V, 2.1 kW  
 Manufacturer: Mahle Letrika  
 Replacing: 0136350013, AMJ5667, 11.212.108, MUE6102S  
 Length 196.75, Pulley w/o,  
 Insulated return



**112317** DC Motor 12 V, 1.6 kW  
 Manufacturer: Mahle Letrika  
 Replacing: 11.212.622, 47044616, 47044608, 47044605, MFX7012, MFX4005, MFX4004, MFX4001, MF7034, MDY7066, MDY7061, MDY7055, MDY7040, MDY7039, MDY7037, 19024743, 19024730, M11C40  
 Length 191.00, Pulley w/o,  
 Not Insulated return



**112318** DC Motor 24 V, 2.5 kW  
 Manufacturer: Mahle Letrika  
 Replacing: 11.212.619, 47044617, 47044606, MHX4001, MHJ7024, MHJ7005, MHJ7003, MDF7024, 19024732, 19024731,  
 Length 191.25, Pulley w/o,  
 Not Insulated return



**112487** DC Motor 24 V, 2.5 kW  
 Manufacturer: Mahle Letrika  
 Replacing: AMJ5690, 11.212.169, 19024713, 19024709, 19024688  
 Length 191.00, Pulley w/o,  
 Not Insulated return



**112573** DC Motor 12 V, 1.6 kW  
 Manufacturer: Mahle Letrika  
 Replacing: AMJ5705, AMJ5666, AMJ5175, 11.216.117, 11.212.609, 11.212.107  
 Length 173.00, Pulley w/o,  
 Not Insulated return



**112574** DC Motor 12 V, 1.6 kW  
 Manufacturer: Mahle Letrika  
 Replacing: AMJ4761, AMJ4635, 11.216.273  
 Length 230.00, Pulley w/o,  
 Not Insulated return



**112575** DC motor 24 V, 2.0 kW  
 Manufacturer: Mahle Letrika  
 Replacing: 0136501074, AMJ4762, AMJ4636, 11.212.450  
 Length 226.50, Pulley w/o,  
 Not Insulated return





**112577** DC Motor 12 V, 1.8 kW  
 Manufacturer: Prestolite  
 Replacing: MBJ6304, MBJ6202, MBJ6201, MBJ4407, MBJ4402, MBJ4209, MBJ4202, MBJ4201, 46-4157  
 Length 211.00, Pulley w/o,  
 Not Insulated return  
 Shaft 19.00 mm. Thread on thru bolts: 3/8 UNFx22.50 mm.



**112864** DC Motor 24 V, 0.8 kW  
 Replacing: 19024729  
 Length 175.00, Pulley w/o



**113666** DC Motor 24 V, 2.2 kW  
 Manufacturer: Mahle Letrika  
 Replacing: AMJ5730, AMJ5511, AMJ5176, 11.216.257, 11.212.610, 11.212.212  
 Length 173.00, Pulley w/o,  
 Not Insulated return



**113852**<sup>#</sup> DC Motor 72 V, 5.0 kW  
 Replacing: 0136603002, AMT4630  
 Length 310.00, Pulley w/o  
 Hydraulic



**114858**<sup>#</sup> DC Motor 24 V, 2.0 kW  
 Replacing: 24MD22STWAZ, 104024Z, 104012Z  
 Servicing: Various Industrial applications  
 Length 193.00



**115628** DC motor 24 V, 0.8 kW  
 Manufacturer: Mahle Letrika  
 Replacing: AME1705, AME1604, 11.216.191, 11.212.100  
 Servicing: Various Industrial applications  
 Length 184.00, Pulley w/o



**110060** Dynastarter 12 V, 11 Amp, 0.9 kW

Replacing: 0010300100, 0010300006, 0010300004, 0010300002, 861095, 19025600  
 Servicing: Albin, BCS, Goldoni, Lombardini  
 Length 236.50, Pulley w/o  
 Regulator: HC-CARGO 235781. Solenoid: HC-CARGO 133695.



**110061** Dynastarter 12 V, 11 Amp, 0.9 kW

Replacing: 0010350102, 0010350005, 0010300101, 0010300003, 0010300001, 19025602  
 Servicing: BCS, Ferrari  
 Length 237.00, Pulley w/o, Not Insulated return  
 Regulator: HC-CARGO 235781. Solenoid: HC-CARGO 133695.



**113144** Dynastarter 12 V, 23 Amp, 0.7 kW

Replacing: GSB107-04C, GSB107-04A, GSB107-01A, GSB107-01  
 Servicing: Club Car, EZ-GO  
 Length 247.00, Pulley w/, Not Insulated return  
 Not for universal use. Regulator: HC-CARGO 233625.



**113145** Dynastarter 12 V, 15 Amp, 0.75 kW

Replacing: GSB107-06F, GSB107-06E, GSB107-06  
 Servicing: John Deere  
 Length 241.50, Pulley w/o, Not Insulated return  
 Not for universal use. Regulator: HC-CARGO 233625.



**113146** Dynastarter 12 V, 15 Amp, 0.75 kW

Replacing: GSB107-10C, GSB107-10B  
 Servicing: Yanmar  
 Length 240.00, Pulley w/o, Not Insulated return  
 Not for universal use. Regulator: HC-CARGO 233625.



**113147** Dynastarter 12 V, 23 Amp, 0.7 kW

Replacing: GSB107-06B  
 Servicing: gsb107-06b, Yanmar  
 Length 248.00, Pulley w/o, Not Insulated return  
 Not for universal use. Regulator: HC-CARGO 233625.



**113148** Dynastarter 12 V, 23 Amp, 0.75 kW

Replacing: 1018294-01  
 Servicing: Club Car  
 Length 247.00, Pulley w/, Not Insulated return  
 Not for universal use. Regulator: HC-CARGO 233625.



**111862#** Tilt/ Trim Motor 12 V  
 Replacing: 111862  
 Servicing: Mercury  
 Length 172.00



**111863** Tilt/ Trim Motor 12 V  
 Replacing: ETK4102, 40-259  
 Servicing: OMC  
 Length 171.00, Pulley w/o, Not Insulated return



**111864** Tilt/ Trim Motor 12 V  
 Replacing: EVC4002  
 Servicing: OMC  
 Length 132.00

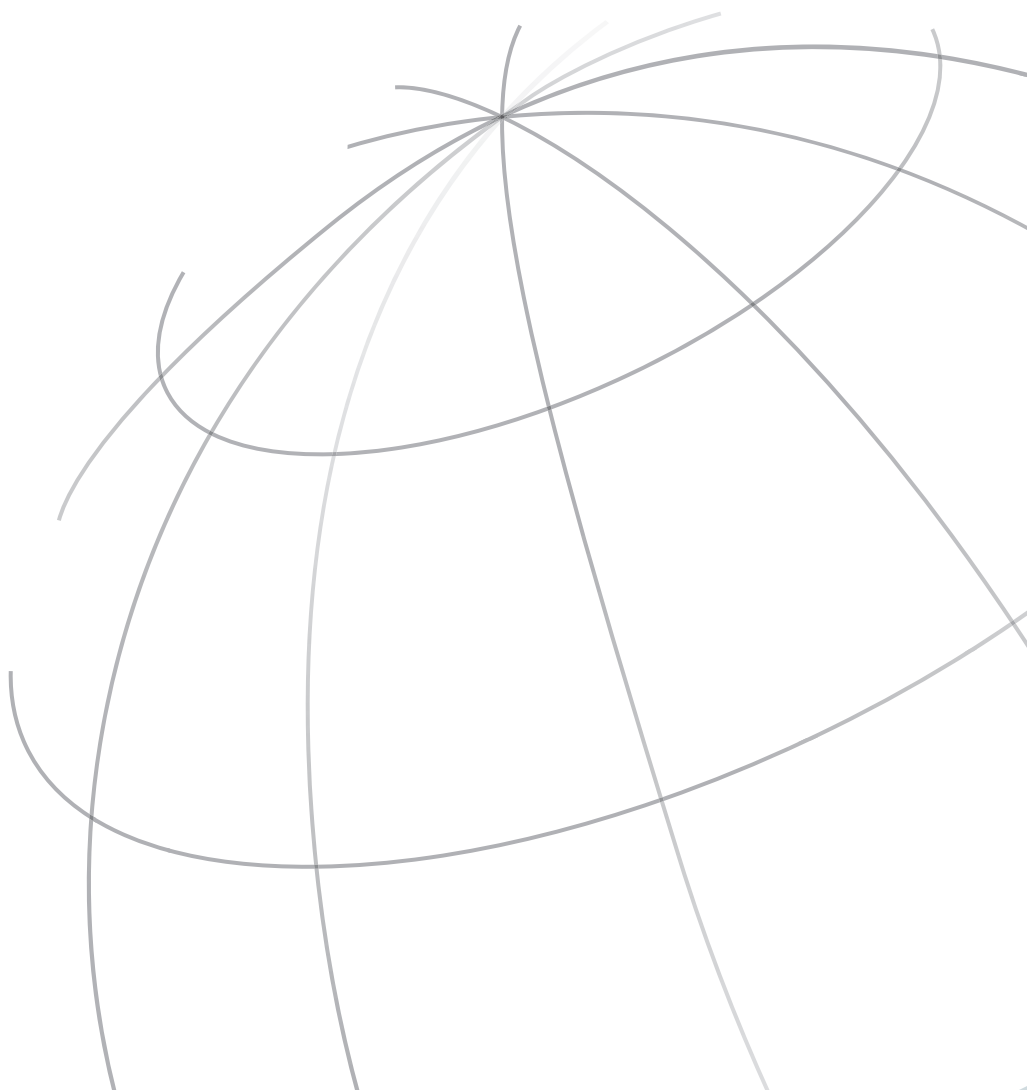






# Application list

Edition 2017-2019





<b>Abarth</b>										
<b>PASSENGER CARS EU</b>										
500 1.4	[312B3.000]					05.16-	113962	12	0.9	
	[312B4.000]					05.16-	113962	12	0.9	
500 1.4 Abarth	[312A1.000]	08.08-	116089*	14	120	08.08-	113962	12	0.9	
	[312A3.000]	08.08-	116089*	14	120	08.08-	113962	12	0.9	
500 1.4 16V Abarth	[312A3.000]	08.08-	116089*	14	120	08.08-	113962	12	0.9	
Grande Punto 1.4 Abarth	[199A8.000]	12.07-	114806	14	120	12.07-	113962	12	0.9	
	[955A8.000]	12.07-	114806	14	120	12.07-	113962	12	0.9	
		12.07-	115874	14	120 A49					
		12.07-	115874	14	120 A49					
Ritmo 2.0 TC Abarth	[138AR1.000]	12.82- 12.87	110912	14	55					
	[138AR2.000]	04.83- 12.87	111620	14	65					
<b>ABG</b>										
<b>INDUSTRY</b>										
Various models						04.68- 08.82	110536	12	2.7	
						05.76- 12.90	113464	24	4.0	
						02.68- 12.90	110523	24	4.8	
<b>AC</b>										
<b>PASSENGER CARS EU</b>										
ME 3000 3.0		01.79- 12.86	111515	14	70					
<b>ACME</b>										
<b>MOTORS</b>										
Various models						01.79-	112034	12	1.7	
<b>Acura</b>										
<b>PASSENGER CARS EU</b>										
Legend 3.2	[C32A]					08.91- 08.96	112986	12	1.4	
	[C32A2]					08.91- 08.96	112986	12	1.4	
<b>PASSENGER CARS US</b>										
CL 2.2	[F22B1]					01.97-	113398	12	1.6	
CL 3.0	[J30A1]					01.98- 01.01	113392	12	1.6	
Integra 1.6 LS	[D16A1]					01.86- 01.89	111442	12	1.4	
Integra 1.6 LS Special Edition	[D16A1]					01.87-	111442	12	1.4	
Integra 1.6 RS	[D16A1]					01.86- 01.89	111442	12	1.4	
Integra 1.6 SE	[D16A1]					01.88-	111442	12	1.4	
NSX 3.0	[C30A1]					01.98- 01.01	113392	12	1.6	
NSX 3.0 T	[C30A1]					01.98- 01.99	113392	12	1.6	
RL 3.5	[C35A1]	01.96- 01.04	113433#	14	110					
SLX 3.2	[6VD1]					01.96- 01.97	112986	12	1.4	
SLX 3.5	[6VE1]					01.98- 01.99	112986	12	1.4	
TSX 2.4	[K24A2]					01.04- 01.05	113821	12	1.6	
<b>PASSENGER CARS AO</b>										
CL 3.0 V6	[J30A1]					01.98- 09.00	113392	12	1.6	
RL 3.5 V6	[C35A2]	01.96- 09.00	113433#	14	110					
	[C35A5]	10.00- 09.04	113433#	14	110					
TSX 2.4 VTEC	[K24A2]					10.03- 01.05	113821	12	1.6	
<b>Agco Allis</b>										
<b>AGRICULTURE</b>										
8745	[4-268]					01.98- 01.00	110615	12	2.8	
8765	[4-268]					01.98- 01.00	110615	12	2.8	
8775	[6-402]					01.98- 01.00	110615	12	2.8	
8785	[6-402]					01.98- 01.00	110615	12	2.8	
<b>AGCO POWER ( SISU DIESEL )</b>										
<b>MOTORS</b>										
Marine			115851	28	60			114266	24	4.0
<b>Agco White</b>										
<b>AGRICULTURE</b>										
6124	[Cummins 6-359]					01.94- 01.97	113452	12	2.5	
6125	[Cummins 6-359]					01.93- 01.97	113452	12	2.5	
6144	[Cummins 6-359]					01.94- 01.97	113452	12	2.5	
6145	[Cummins 6-359]					01.93- 01.97	113452	12	2.5	
6410 3.9	[Cummins]					01.98- 01.00	110615	12	2.8	
6510 3.9	[Cummins]					01.98- 01.00	110615	12	2.8	
6710	[Cummins 6-359]					01.98- 01.00	110615	12	2.8	
6810	[Cummins 6-359]					01.98- 01.00	110615	12	2.8	
8310	[Cummins 6-359]					01.98- 01.00	113452	12	2.5	
8410	[Cummins 6-359]					01.98- 01.00	113452	12	2.5	
<b>AgriFull</b>										
<b>AGRICULTURE</b>										
Various models		01.80-	110899	14	33	09.80-	110813	12	2.7	
		08.83-	111662	14	33	01.85-	110529	12	3.0	
							115535	12	3.0	
<b>Ahlmann</b>										
<b>INDUSTRY</b>										
Various models						01.68- 01.80	110523	24	4.8	
						07.82-	110512	24	5.4	
<b>Aixam</b>										
<b>PASSENGER CARS EU</b>										
400 0.05		01.00-	110620	14	35					
<b>Albin</b>										
<b>MARINE</b>										
Various models		12.77-	111166	14	70	AD-21				
		03.68-	110060			AD-21				
<b>Alfa Romeo</b>										
<b>PASSENGER CARS EU</b>										
1750 1.8 Berlina	[AR00548]	09.71-	110887	14	45					
2000 2.0	[AR10520]	07.73- 12.77	110887	14	45					
4C 1.7 Tbi	[960A1.000]					03.13-	115563	12	1.4	
Alfa 145 1.4 i.e. 16V	[AR33503]	12.96- 01.01	113942	14	100	12.96- 02.99	111685	12	1.4	
	[AR38501]	AC 12.96- 01.01	111409	14	100					
		12.96- 01.01	113942	14	100	12.96- 01.01	111685	12	1.4	
		ACPS 12.96- 01.01	111409	14	100					
Alfa 145 1.6 16V	[AR 32102]	09.97- 12.00	113942	14	100	09.97- 12.00	111685	12	1.4	
Alfa 145 1.6 i.e. 16V	[AR38201]	12.96- 01.01	113942	14	100	12.96- 01.01	111685	12	1.4	
	[AR67601]	12.96-	111409	14	100	01.97- 01.00	111685	12	1.4	
		12.96- 01.01	113942	14	100					

## STARTERS & ALTERNATORS





Alfa 145 1.6 i.e.	[AR32201]	AC	10.94- 11.98	111409	14	100			
Alfa 145 1.8 i.e. 16V	[AR32201]		03.98- 01.01	113942	14	100	03.98-	111685	12 1.4
			AC 03.98-	111409	14	100			
	[AR38401]		12.96- 12.98	113942	14	100	12.96- 12.98	111685	12 1.4
	[AR67106]		12.96- 12.98	113942	14	100	01.97- 01.99	111685	12 1.4
			AC 12.96-	111409	14	100			
Alfa 145 1.9 JTD	[AR32302]		12.96- 12.98	113942	14	100	12.96- 12.98	111685	12 1.4
	[AR32302]		AC 12.96- 12.98	111409	14	100			
Alfa 145 1.9 TD	[AR33601]		02.99- 01.01	113943	14	100	02.99-	113430	12 1.8
			10.94-	112688	14	95			
	[AR67501]		AC 11.96-	112771	14	90			
Alfa 145 2.0 16V			10.94-	112688	14	95	10.94- 02.99	113430	12 1.8
			AC 11.96-	112771	14	90			
Alfa 145 2.0 Twin Spark i.e. 16V	[AR32301]		03.98-	111409	14	100	03.98-	111685	12 1.4
			AC 03.98- 01.01	113942	14	100			
Alfa 145 2.0 Twin Spark i.e. 16V	[AR67204]		10.94- 01.01	111409	14	100	10.94-	111685	12 1.4
			AC 10.94- 01.01	111409	14	100			
Alfa 146 1.4 i.e. 16V	[AR33503]		11.96- 01.01	113942	14	100	12.96- 02.99	111685	12 1.4
			AC 11.96- 01.01	111409	14	100			
	[AR38501]		11.96- 01.01	113942	14	100	11.96- 01.01	111685	12 1.4
Alfa 146 1.6 16V	[AR 32102]		09.97- 12.00	113942	14	100	09.97- 12.00	111685	12 1.4
Alfa 146 1.6 i.e. 16V	[AR38201]		11.96- 01.01	113942	14	100	11.96- 01.01	111685	12 1.4
	[AR67601]		11.96-	111409	14	100	01.97- 01.00	111685	12 1.4
			11.96- 01.01	113942	14	100			
Alfa 146 1.6 i.e.	[AR33201]		AC 12.94- 12.96	111409	14	100			
Alfa 146 1.8 i.e. 16V	[AR38401]		11.96- 01.01	113942	14	100	11.96- 01.01	111685	12 1.4
	[AR67106]		11.96-	111409	14	100	01.97- 01.99	111685	12 1.4
			11.96- 01.01	113942	14	100			
Alfa 146 1.8 Twin Spark i.e. 16V	[AR32201]		11.96- 01.01	111409	14	100	03.98- 01.01	111685	12 1.4
			03.98- 01.01	113942	14	100			
Alfa 146 1.9 JTD	[AR32302]		02.99-	113943	14	100	02.99-	113430	12 1.8
Alfa 146 1.9 TD	[AR33601]		12.94-	112688	14	95			
			AC 11.96-	112771	14	90			
	[AR67501]		12.94-	112688	14	95			
			AC 11.96-	112771	14	90			
Alfa 146 2.0 16V	[AR32301]		03.98-	111409	14	100			
			AC 03.98- 01.01	113942	14	100			
Alfa 146 2.0 Twin Spark 16V	[AR67204]		10.94-	111409	14	100	10.94-	111685	12 1.4
			10.95- 01.01	113942	14	100			
Alfa 147 1.6 Twin Spark 16V	[AR32104]		01.01-	113942	14	100	01.01-	111685	12 1.4
			AC 11.00-	111409	14	100			
	[AR37203]		01.01-	113942	14	100	01.01-	111685	12 1.4
			AC 11.00-	111409	14	100			
Alfa 147 1.9 JTD 16V	[192A5.000]		11.02-	113943	14	100			
	[192B1.000]		10.04-	113943	14	100			
	[937A4.000]		09.03- 09.04	113943	14	100			
Alfa 147 1.9 JTD	[182B9.000]		06.03-	113336	14	120			
	[937A2.000]		11.00-	113336	14	120			
						04.01-	113430	12 1.8	
						04.01-	113931	12 1.7	
Alfa 147 1.9 JTDM 16V	[937A5.000]		07.05-	113943	14	100	07.05-	113430	12 1.8
	[939A7.000]		10.04- 03.10	113943	14	100	10.04- 03.10	113931	12 1.7
Alfa 147 1.9 JTDM 8V	[937A3.000]		07.05-	113943	14	100	07.05-	113931	12 1.7
Alfa 147 1.9 JTDM	[937A6.000]		06.08-	113943	14	100			
Alfa 147 2.0 Twin Spark 16V	[AR32310]		11.00-	111409	14	100	01.01-	111685	12 1.4
			01.01-	113942	14	100			
Alfa 147 3.2 GTA	[932A.000]		02.03-	113836	14	120			
Alfa 155 1.6 Twin Spark	[AR67601]		05.96- 01.98	113942	14	100	05.96-	111685	12 1.4
			AC 12.95-	111409	14	100			
Alfa 155 1.7 Twin Spark 16V	[AR67106]		05.96- 12.97	113942	14	100			
			AC 05.96- 12.97	111409	14	100			
Alfa 155 1.8 Twin Spark	[AR67402]		02.92- 12.97	113942	14	100			
			AC 05.96- 12.97	111409	14	100			
Alfa 155 1.9 TD	[AR67501]		04.93-	111620	14	65			
			04.93- 04.96	112688	14	95			
			04.93- 04.96	112771	14	90			
Alfa 155 2.0 Turbo 16V 4x4	[AR67203]					01.95- 04.96	110854	12 1.4	
Alfa 155 2.0 Turbo 16V Q4	[AR67203]					01.95- 04.96	110854	12 1.4	
Alfa 155 2.0 Twin Spark 16V	[AR67204]		03.95- 12.97	111409	14	100	07.95-	111685	12 1.4
	[AR67299]		03.95- 12.97	111409	14	100	03.95- 12.97	111685	12 1.4
Alfa 155 2.5 TD	[VM07B]					04.93- 04.96	112454	12 2.2	
	[VM31B]					04.93- 12.97	112454	12 2.2	
Alfa 156 1.6 16V T-Spark	[AR 32102]		09.97- 09.05	113942	14	100	09.97- 09.05	111685	12 1.4
Alfa 156 1.6 16V T-Spark Sportwagon	[AR 32102]		09.97- 09.05	113536	14	90	09.97- 09.05	111685	12 1.4
Alfa 156 1.6 Twin Spark 16V	[AR32102]		09.97-	113536	14	90	08.00-	111685	12 1.4
			AC 09.97- 09.05	113942	14	100			
			09.97-	111409	14	100			
	[AR32103]		09.97-	113536	14	90	08.00-	111685	12 1.4
			AC 09.97- 09.05	113942	14	100			
			AC 09.97-	111409	14	100			
	[AR32104]		09.97-	113536	14	90	08.00-	111685	12 1.4
			AC 09.97- 05.06	113942	14	100			
			AC 09.97-	111409	14	100			
	[AR67601]		09.97- 09.05	113942	14	100	09.97- 09.00	111685	12 1.4
		AC 09.97-	111409	14	100				
Alfa 156 1.8 Twin Spark 16V	[AR32201]		09.97- 10.00	113942	14	100	09.97- 10.00	111685	12 1.4
			10.97-	111409	14	100			
			ACPS 10.97-	111409	14	100			
			AC 05.00- 10.00	111409	14	100			
	[AR32205]		10.00- 05.06	113942	14	100	10.00-	111685	12 1.4
		AC 10.00-	111409	14	100				
Alfa 156 1.9 JTD 16V Q4	[937A5.000]		07.04-	113987	14	140			
Alfa 156 1.9 JTD	[937A2.000]					05.01-	113430	12 1.8	
						05.01- 05.06	113931	12 1.7	

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O.E.M. names and numbers are used for reference purposes only.



ALFA ROMEO *Continued*

	[AR32302]	09.97- 10.00	111409	14 100	09.97- 10.00	113430	12 1.8
		09.97- 10.00	113942	14 100			
		09.97- 10.00	113943	14 100			
	[AR37101]	10.00- 05.01	113943	14 100	10.00-	113430	12 1.8
Alfa 156 2.0 JTS	[937A1.000]				03.02-	111685	12 1.4
Alfa 156 2.0 Twin Spark 16V	[AR32301]	09.97- 10.00	111409	14 100	09.97- 10.00	111685	12 1.4
		09.97- 10.00	113942	14 100			
	[AR32310]	10.00-	111409	14 100	10.00-	111685	12 1.4
		10.00- 03.02	113942	14 100			
Alfa 156 2.4 JTD	[839A6.000]	10.00- 05.06	113942	14 100	10.00- 05.06	113430	12 1.8
		AC 10.00-	111409	14 100			
	[841G.000]	10.03-	113336	14 120	10.03- 05.06	113430	12 1.8
	[AR32501]	09.97- 10.00	113942	14 100			
		10.97- 10.00	111409	14 100			
Alfa 156 2.5 V6 24V	[AR32405]	10.00- 09.05	113836	14 120			
Alfa 156 3.2 GTA	[932A.000]	03.02- 05.06	113836	14 120			
Alfa 159 1.7 TBI	[939B1.000]				05.09-	115563	12 1.4
Alfa 159 1.8 MPI	[939A4.000]	03.07-	114431	14 120	03.07-	114298	12 1.1
Alfa 159 1.9 JTS	[939A6.000]	09.05-	114829	14 120	09.05-	115360	12 1.4
Alfa 159 1.9 JTDM 16V	[937A8.000]	09.05-	114204	14 120	09.05-	113931	12 1.7
		03.06-	113996	14 140			
		03.06-	114493	14 100			
	[939A2.000]	09.05-	113996	14 140	03.06-	113430	12 1.8
		09.05-	114204	14 120			
		09.05-	114493	14 100			
	[939A8.000]	09.05-	113996	14 140	09.05-	113931	12 1.7
		09.05-	114204	14 120			
Alfa 159 1.9 JTDM 8V	[937A7.000]	09.05-	113996	14 140	09.05-	113931	12 1.7
		09.05-	114204	14 120			
	[939A1.000]	09.05-	113955	14 105	09.05-	113931	12 1.7
		09.05-	114204	14 120			
		09.05-	114493	14 100			
		03.06-	113996	14 140			
	[939A7.000]	09.05-	113996	14 140	09.05-	113931	12 1.7
		09.05-	114204	14 120			
Alfa 159 2.0 JTDM	[844A2.000]	05.09-	114493	14 100			
	[939B3.000]	05.09-	114493	14 100			
	[939B4.000]	06.10-	114493	14 100			
Alfa 159 2.2 JTS	[939A5.000]	09.05-	114829	14 120	09.05-	115360	12 1.4
Alfa 159 2.4 JTDM	[939A3.000]	09.05-	114749	14 150	09.05-	113430	12 1.8
Alfa 164 2.0 Turbo	[AR06476]	01.88- 09.92	112453	14 85	01.88- 09.92	112455	12 1.4
		A12 10.87- 09.98	112453	14 85			
Alfa 164 2.5 TD	[VM08B]				09.92- 10.98	112454	12 2.2
	[VM84A]				06.87- 09.92	112454	12 2.2
Alfa 166 2.0 Twin Spark	[AR34103]	10.00-	113536	14 90	09.98-	111685	12 1.4
		09.98- 02.00	111409	14 100			
		09.98- 10.00	113942	14 100			
	[AR36301]	10.00-	111409	14 100	10.00-	111685	12 1.4
		10.00-	113536	14 90			
		10.00-	113942	14 100			
Alfa 166 2.0 V6	[AR34102]	10.00-	113536	14 90			
Alfa 166 2.4	[841G.000]				10.03-	113430	12 1.8
	[841H.000]				10.03-	113430	12 1.8
Alfa 166 2.4 JTD	[839A6.000]	10.00-	113942	14 100	10.00-	113430	12 1.8
		AC 10.00-	111409	14 100			
	[841M.000]	10.03- 06.07	113336	14 120	10.03- 06.07	113430	12 1.8
		07.05-	113942	14 100			
	[841N.000]	10.03- 06.07	113336	14 120	10.03- 06.07	113430	12 1.8
	[936B.000]	07.05-	113942	14 100			
	[AR34202]	09.98-	111409	14 100			
		09.98- 10.00	113942	14 100			
Alfa 166 2.5 V6 24V	[AR34201]	10.00-	113836	14 120			
	[AR36201]	10.00-	113836	14 120			
Alfa 166 3.0 V6 24V	[AR36101]	10.00-	113836	14 120			
Alfa 166 3.2 V6 24V	[936A.000]	10.00-	113836	14 120			
Alfa 33 1.8 TD	[VM82A]	09.86- 12.89	111686	14 65	09.86- 12.89	112454	12 2.2
	[VM96A]	01.90- 10.94	111620	14 65	07.90- 09.94	112454	12 2.2
		07.90- 09.94	112768	14 55			
	[VW82A]	03.88- 12.89	111686	14 65	03.88- 12.89	112454	12 2.2
Alfa 6 2.5 TD	[VM-HR588HT]	07.81- 02.87	110890	14 55			
Alfa 75 1.6	[AR06100]	05.85- 09.89	111153	14 55			
	[AR61101]	05.89- 02.92	111153	14 55			
		A12 05.89- 02.92	111153	14 55			
Alfa 75 1.8	[AR06168]	09.88- 09.89	111153	14 55			
	[AR06202]	06.85- 09.89	111153	14 55			
	[AR61102]	09.88- 09.89	111153	14 55			
Alfa 75 2.0	[AR06212]	05.85- 10.88	111153	14 55			
Alfa 75 2.0 TD	[VM80A]	05.85- 12.89	110890	14 55			
		05.85- 02.92	111686	14 65			
		01.90- 02.92	112768	14 55			
Alfa 75 2.4 TD	[VM81A]	09.88- 12.89	110890	14 55			
		09.88- 02.92	111686	14 65			
		01.90- 02.92	112768	14 55			
Alfa 90 1.8	[AR06202]	10.84- 01.87	111153	14 55			
Alfa 90 2.0 i.e.	[AR01713]	10.84- 01.87	111153	14 55			
	[AR06212]	10.84- 06.86	111153	14 55			
Alfa 90 2.4 TD	[VM81A]	10.84- 01.87	110890	14 55			
Alfetta 1.6	[AR01600]	05.72- 12.80	110887	14 45			
		07.80- 12.84	111153	14 55			
Alfetta 1.6 GT	[AR01600]	05.76- 12.80	110887	14 45			
Alfetta 1.8	[AR01608]	05.72- 02.80	110887	14 45			
	[AR01608X]	05.72- 02.80	110887	14 45			
	[AR01678]	01.75- 06.80	110887	14 45			
		07.80- 12.84	111153	14 55			
Alfetta 1.8 GT	[AR01608]	07.74- 12.77	110887	14 45			
	[AR01608X]	07.74- 12.77	110887	14 45			

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Alfetta 2.0	[AR01623]	03.77- 02.80	110887	14 45				
	[AR01655]	07.78- 06.80	110887	14 45				
		07.80- 12.84	111153	14 55				
	[AR01713]	04.83- 12.84	111153	14 55				
	[AR10520]	07.78- 06.80	110887	14 45				
Alfetta 2.0 GT	[AR01623]	05.76- 02.80	110887	14 45				
		07.80- 01.86	111153	14 55				
	[AR01655]	06.77- 12.80	110887	14 45				
Alfetta 2.0 TD	[VM4HT/2]	10.79- 03.83	110890	14 55				
		10.79- 03.83	111153	14 55				
Alfetta 2.4 TD	[VM4HT2.4]	04.83- 12.84	110890	14 55				
AR 6 1.9 Diesel	[160D100]	04.85- 12.89	110912	14 55				
AR 6 2.4 Diesel	[8144.61.200]	04.85- 02.86	110890	14 55				
AR 6 2.4 TD	[8144.21.220]	09.86- 12.89	110890	14 55	09.86- 12.89	113846	12 2.2	
AR 6 2.5 Diesel	[8144.67.220]	04.85- 12.89	110890	14 55	03.86- 12.89	110812	12 2.0	
AR 8 2.4 Diesel	[8140.21.200D.1.]	04.85- 12.89	110882	14 45	04.85- 12.88	110814	12 2.7	
		04.85- 12.88	111418	14 60				
		04.85- 12.88	115873	14 55 A49				
	[8140.61.200]	04.78- 12.89	110882	14 45	04.78- 08.86	110814	12 2.7	
AR 8 2.4 TD	[8140.21.200D.1.]	04.85- 12.88	110890	14 55	04.85- 12.89	110814	12 2.7	
		04.85- 12.89	111418	14 60				
		04.85- 12.89	115873	14 55 A49				
Arna 1.2	[AR30500]	01.85- 12.86	110890	14 55				
Brera 1.7 TBi	[939B1.000]				05.09-	115563	12 1.4	
Brera 2.0 JTDM	[844A2.000]	03.08-	114493	14 100				
	[939B3.000]	05.09-	114493	14 100				
Brera 2.2 JTS	[939A5.000]	01.06-	114829	14 120	01.06-	115360	12 1.4	
Giulietta 1.4 TB	[198A4.000]	04.10-	114806	14 120	04.10-	115312	12 1.1	
		04.10-	115874	14 120 A49				
	[940A2.000]	04.10-	114806	14 120	04.10-	115312	12 1.1	
		04.10-	115874	14 120 A49				
Giulietta 1.6 JTDM	[940A3.000]	04.10-	114806	14 120	04.10-	115312	12 1.1	
		04.10-	115874	14 120 A49				
	[940B7.000]	04.10-	114806	14 120	04.10-	115312	12 1.1	
Giulietta 1.6 JTDM	[940A3.000]	04.10-	116094*	14 120	A25 04.10-	115399	12 1.4	
	[940A1.000]				04.10-	115563	12 1.4	
Giulietta 2.0 JTDM	[940A4.000]	04.10-	116094*	14 120				
Giulia 1.3 1300 Super	[AR00530]	01.69- 10.78	110887	14 45				
Giulia 1.3 TI	[105.39]	04.69-	110887	14 45				
Giulia 1.6 1600 Super	[AR00526]	09.71- 10.78	110887	14 45				
Giulia 1.6 Super	[AR00526]	06.64- 10.78	110887	14 45				
Giulietta 1.3	[AR01644]	10.77- 06.80	110887	14 45				
		07.80- 04.85	111153	14 55				
Giulietta 1.4 TB	[940A2.000]	09.14-	114806	14 120	09.14-	115312	12 1.1	
		09.14-	115457	14 120				
		09.14-	115874	14 120 A49				
	[940A6.000]	04.10-	114806	14 120	04.10-	115312	12 1.1	
		04.10-	115874	14 120 A49				
	[940B1.000]	04.11-	114806	14 120	04.11-	115312	12 1.1	
		04.11-	115874	14 120 A49				
	[940B8.000]	04.11-	114806	14 120	04.11-	115312	12 1.1	
	04.11-	115874	14 120 A49					
Giulietta 1.4 BiFuel	[198A4.000]	12.11-	114806	14 120	12.11-	115312	12 1.1	
		12.11-	115874	14 120 A49				
Giulietta 1.6	[AR01600]	10.77- 06.80	110887	14 45				
		07.80- 04.85	111153	14 55				
Giulietta 1.6 JTDM	[940C1.000]	02.15-	116094*	14 120	02.15-	115399	12 1.4	
	[940C5.000]	02.15-	116094*	14 120	02.15-	115399	12 1.4	
Giulietta 1.8	[AR01678]	10.77- 06.80	110887	14 45				
		07.80- 04.85	111153	14 55				
Giulietta 1.8 TBi	[940A1.000]				04.10- 09.13	115563	12 1.4	
Giulietta 1.8 Turbo	[AR01354]	01.84- 12.85	111153	14 55				
Giulietta 1.9 Turbo	[AR01699]	07.83- 06.84	111153	14 55				
Giulietta 2.0	[AR01655]	06.80- 04.85	111153	14 55				
	[AR11671]	06.80- 04.85	111153	14 55				
Giulietta 2.0 JTDM	[940A5.000]	04.10-	116094*	14 120				
	[940A7.000]	04.10-	116094*	14 120				
	[940A8.000]	04.10-	116094*	14 120				
	[940B4.000]	11.13-	116094*	14 120				
	[940B5.000]	08.13-	116094*	14 120				
	[940B6.000]	04.10-	116094*	14 120				
Giulietta 2.0 TD	[VM4HT]	03.83- 04.85	110890	14 55				
GT 1.3 1300 Junior	[AR00530]	08.66- 12.77	110887	14 45				
GT 1.6 1600	[AR00526S]	08.66- 12.77	110887	14 45				
	[AR00536]	01.69- 12.77	110887	14 45				
GT 1.8 TS	[AR32205]				Chas. -VET13873 11.03-	111685	12 1.4	
GT 1.9 JTD	[937A5.000]	11.03-	112461	14 150	11.03-	113430	12 1.8	
	[937A6.000]	05.08-	113943	14 100	05.08-	113931	12 1.7	
GT 2.0 JTS	[932A2.000]	12.06-	113536	14 90	Chas. -VET13873 11.03-	111685	12 1.4	
	[937A1.000]				Chas. -VET13873 11.03-	111685	12 1.4	
GTA 3.2	[936A.000]	11.03-	113836	14 120				
GTV 1.8 1750	[AR00548]	01.68- 03.72	110887	14 45				
GTV 1.8 16V	[AR32201]	05.98-	113942	14 100	03.98- 12.00	111685	12 1.4	
		AC 05.98-	111409	14 100				
GTV 2.0	[AR01655]	07.78- 06.80	110887	14 45				
		07.80- 01.86	111153	14 55				
	[AR06212]	07.78- 06.80	110887	14 45				
GTV 2.0 16V	[AR32301]	07.80- 01.86	111153	14 55				
		08.00-	113536	14 90	05.98- 08.00	111685	12 1.4	
		05.98-	111409	14 100				
GTV 2.0 JTS	[937A1.000]	05.98- 08.00	113942	14 100				
					Chas. VET7015327- 04.03-	111685	12 1.4	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**ALFA ROMEO** *Continued*

GTV 2.0 Turbo V6	[AR16202]	08.00-	113536	14	90				
GTV 2.0 Twin Spark 16V	[AR16201]	06.95-	113942	14	100	04.95- 09.00	111685	12	1.4
	[AR32310]	08.00-	113536	14	90	06.00- 06.02	111685	12	1.4
		12.95-	111409	14	100				
		A12 06.95- 05.98	111409	14	100				
GTV 3.2 V6 24V	[936A6.000]	04.03- 12.05	113836	14	120				
Mito 0.9	[199B6.000]	04.13-	115457	14	120	04.13-	116024	12	1.1
	[312A2.000]	07.11-	115457	14	120	07.11-	115828	12	1.4
						07.11-	116024	12	1.1
Mito 1.2 JTDM	[199B4.000]	01.11-	115667	14	120	01.11-	115400	12	1.4
	[199B8.000]	12.13-	115667	14	120	12.13-	115400	12	1.4
Mito 1.3 JTDM	[199A3.000]	AC 09.08-	113722	14	90 A49				
		AC 09.08-	115963	14	90				
	[199B1.000]	10.09-	113722	14	90 A49	10.09-	115400	12	1.4
		10.09-	115852	14	105				
		10.09-	115963	14	90				
		AC 10.09-	115346	14	120				
Mito 1.4	[199A6.000]	09.08-	114462	14	70	09.08-	113962	12	0.9
	[199A8.000]	09.08-	114806	14	120	09.08-	113962	12	0.9
		09.08-	115874	14	120 A49				
	[350A1.000]	03.11-	114462	14	70	03.11-	113962	12	0.9
		03.11-	115620	14	105	A25 03.11-	115312	12	1.1
	[955A1.000]	09.08-	114462	14	70	09.08-	113962	12	0.9
		03.11-	114806	14	120				
		03.11-	115647	14	90				
		03.11-	115874	14	120 A49				
		[955A6.000]				08.10-	115312	12	1.1
	[955A9.000]	05.11-	114462	14	70	05.11-	113962	12	0.9
					A25 05.11-	115312	12	1.1	
Mito 1.4 TB	[199A8.000]	09.08-	114806	14	120	09.08-	113962	12	0.9
		09.08-	115874	14	120 A49				
Mito 1.4 TB	[940A2.000]	10.09-	114806	14	120	10.09-	115312	12	1.1
		10.09-	115874	14	120 A49				
	[955A2.000]					10.09-	115312	12	1.1
	[955A7.000]					10.09-	115312	12	1.1
	[955A8.000]	10.09-	114806	14	120	A25 10.09-	115312	12	1.1
		10.09-	115874	14	120 A49				
Mito 1.4 Turbo	[198A1.000]					A25 09.08-	115312	12	1.1
						09.08-	113962	12	0.9
						07.11-	113962	12	0.9
Mito 1.4 BiFuel	[198A4.000]	07.11-	114806	14	120	A25 07.11-	115312	12	1.1
		07.11-	115874	14	120 A49				
Mito 1.4 BiFuel	[198A4.000]	04.16-	114806	14	120	04.16-	113962	12	0.9
		04.16-	115647	14	90				
		04.16-	115874	14	120 A49				
Mito 1.6 JTDM	[198A2.000]	09.08-	114493	14	100	09.08-	113931	12	1.7
						A25 09.08-	115399	12	1.4
	[955A3.000]	09.08-	114493	14	100	09.08-	113931	12	1.7
						A25 09.08-	115399	12	1.4
	[955A4.000]	09.08-	114493	14	100	09.08-	113931	12	1.7
					A25 09.08-	115399	12	1.4	
Spider 1.3 1300	[AR00530]	01.68- 10.78	110887	14	45				
Spider 1.6 1600	[AR00526]	05.68- 06.80	110887	14	45				
		07.80- 12.94	111153	14	55				
	[AR00536]	09.71- 10.79	110887	14	45				
	[AR01563]	01.90- 12.94	111153	14	55				
Spider 1.7 Tbi	[939B1.000]					05.09-	115563	12	1.4
Spider 1.8 1750	[AR00548]	09.71- 12.72	110887	14	45				
Spider 1.8 16V	[AR32201]	05.98-	111409	14	100	03.98- 12.00	111685	12	1.4
		05.98- 04.05	113942	14	100				
Spider 2.0 2000	[AR00512]	08.00-	113536	14	90				
		01.71- 12.77	110887	14	45				
	[AR00515]	08.00-	113536	14	90				
		09.71- 06.80	110887	14	45				
		07.80- 12.94	111153	14	55				
		[AR01544]	08.00-	113536	14	90			
	[AR01588]	10.81- 12.89	111153	14	55				
	[AR01588]	08.00-	113536	14	90				
Spider 2.0 2000 Veloce	[AR00515]	08.00-	113536	14	90				
		09.71- 06.80	110887	14	45				
		07.80- 12.89	111153	14	55				
Spider 2.0 16V	[AR32301]	05.98-	111409	14	100	05.98-	111685	12	1.4
		05.98- 08.00	113942	14	100				
Spider 2.0 JTS	[937A1.000]					Chas. VET7015327- 04.03-	111685	12	1.4
Spider 2.0 Twin Spark 16V	[AR16201]	12.95-	111409	14	100	04.95- 09.00	111685	12	1.4
	[AR32310]	06.95- 04.05	113942	14	100	09.00- 06.02	111685	12	1.4
Spider 2.0 JTDM	[844A2.000]	04.09-	114493	14	100				
	[939B3.000]	05.09-	114493	14	100				
Spider 2.2 JTS	[939A5.000]	09.06-	114829	14	120	09.06-	115360	12	1.4
Spider 3.2 V6 24V	[936A6.000]	04.03- 02.06	113836	14	120				
<b>PASSENGER CARS US</b>									
Alfa 164 3.0		01.91-	112777	14	115				
Alfa 164 3.0 Sport		01.91- 01.93	112777	14	115				
Alfa 164 3.0 L		01.91- 01.93	112777	14	115				
Alfatta 2.0 Sport		01.75- 01.77	110887	14	45				
Alfatta 2.0 GT		01.75- 01.77	110887	14	45				
Berlina 2.0		01.70- 12.77	110887	14	45				
GT 2.0 Veloce		01.72- 01.74	110887	14	45				
GTV 6 2.5		01.81- 01.86	111153	14	55				
Milano 2.5 Gold		01.87- 01.89	111153	14	55				
Milano 2.5 Platinum		01.87- 01.88	111153	14	55				
Milano 2.5 Silver		01.87-	111153	14	55				
Spider 2.0 Graduate		01.85- 01.90	111153	14	55				
Spider 2.0 Quadrifoglio		01.86- 01.90	111153	14	55				

## STARTERS & ALTERNATORS



Spider 2.0 Veloce		01.86-	111153	14	55				
		01.72- 01.90	110887	14	45				
Sport 2.0		01.78- 01.79	110887	14	45				
		01.78- 01.79	111153	14	55				
Sprint 2.0 Veloce		01.77- 01.79	110887	14	45				
		01.77- 01.79	111153	14	55				
<b>PASSENGER CARS AO</b>									
Alfa 147 2.0	[937A1.000]	07.02- 05.05	113942	14	100				
Alfa 156 1.9 JTD	[937A5.000]					03.05	113430	12	1.8
<b>Allis Chalmers</b>									
<b>AGRICULTURE</b>									
310						01.80- 12.90	110640	12	3.0
340						01.80- 12.85	110640	12	3.0
360						01.77- 01.91	110640	12	3.0
445						01.74- 01.89	110640	12	3.0
460						01.77- 01.91	110640	12	3.0
500						01.80- 01.85	110640	12	3.0
510						01.79- 01.90	110640	12	3.0
610						01.79- 01.90	110640	12	3.0
Various models		01.91-	111419	28	55	01.74- 12.75	110491	12	1.4
		01.86- 01.93	111713	14	105	01.77- 01.83	110813	12	2.7
						01.77- 01.97	110640	12	3.0
						01.70- 01.83	110615	12	2.8
						01.84- 01.85	110604	12	2.8
						01.74- 01.86	112268	12	2.8
Various models FD 3,5,7,9,10		10.90-	111419	28	55				
Various models FL 4,7,8,9,10,14,20		01.73- 06.81	112097	28	30				
		03.86- 01.92	111419	28	55				
		11.70- 07.78	110611	14	55				
Various models FR 9,10,35,130,160,220		01.85-	111419	28	55				
<b>Alpina</b>									
<b>PASSENGER CARS EU</b>									
Roadster 4.8 V8	[F5]					06.02-	112553	12	1.7
<b>AM General</b>									
<b>PASSENGER CARS US</b>									
Hummer 6.2		01.92- 01.94	110500	14	100/105				
Hummer 6.2 2 Passenger		01.92- 01.94	110500	14	100/105				
Hummer 6.2 4 Passenger		01.92- 01.94	110500	14	100/105				
Hummer 6.2 4 Passenger Open top		01.92- 01.94	110500	14	100/105				
Hummer 6.2 Open Body Recruit		01.92- 01.93	110500	14	100/105				
Hummer 6.2 Recruit		01.92- 01.94	110500	14	100/105				
Hummer 6.5 4 Passenger		01.97- 01.97	112893	14	140				
Hummer 6.5 4 Passenger Canvas top		01.97- 01.97	112893	14	140				
Hummer 6.5 4 Passenger Hardtop		01.96- 01.97	112893	14	140				
Hummer 6.5 Turbo 2 Passenger		01.96- 01.97	112893	14	140				
Hummer 6.5 Turbo 4 Passenger		01.96- 01.97	112893	14	140				
Hummer 6.5 Turbo 4 Passenger Canvas top		01.97- 01.97	112893	14	140				
Hummer 6.5 Turbo 4 Passenger Hardtop		01.96- 01.97	112893	14	140				
Hummer 6.5 Turbo 4 Passenger Open top		01.96- 01.96	112893	14	140				
<b>American Motors</b>									
<b>PASSENGER CARS US</b>									
Ambassador 3.8		01.70-	110075	14	60				
Ambassador 4.2 DPL		01.71-	110408	14	35				
Ambassador 4.7		01.66- 01.67	110075	14	60				
Ambassador 4.8						01.67- 01.69	110509	12	1.4
Ambassador 4.8 DPL						01.68- 01.69	110509	12	1.4
Ambassador 4.8 SST						01.68- 01.69	110509	12	1.4
Ambassador 5.0		01.70-	110075	14	60	01.70-	110509	12	1.4
Ambassador 5.0 Brougham		01.71- 01.74	110075	14	60	01.71- 01.74	110509	12	1.4
		01.71- 01.74	110408	14	35				
Ambassador 5.0 DPL		01.70- 01.71	110075	14	60	01.70- 01.71	110509	12	1.4
Ambassador 5.0 SST		01.70- 01.72	110075	14	60	01.70- 01.72	110509	12	1.4
Ambassador 5.4		01.62- 01.66	110075	14	60				
Ambassador 5.6						01.67- 01.69	110509	12	1.4
Ambassador 5.6 DPL						01.68- 01.69	110509	12	1.4
Ambassador 5.6 SST						01.68- 01.69	110509	12	1.4
Ambassador 5.9						01.70-	110509	12	1.4
Ambassador 5.9 Brougham		01.71- 01.74	110075	14	60	01.71- 01.74	110509	12	1.4
		01.71- 01.74	110408	14	35				
Ambassador 5.9 DPL						01.70- 01.71	110509	12	1.4
Ambassador 5.9 SST						01.70- 01.72	110509	12	1.4
Ambassador 6.4						01.68- 01.70	110509	12	1.4
Ambassador 6.4 DPL						01.69- 01.70	110509	12	1.4
Ambassador 6.4 SST						01.68- 01.70	110509	12	1.4
Ambassador 6.6 Brougham		01.71- 01.74	110075	14	60	01.71- 01.74	110509	12	1.4
		01.71- 01.74	110408	14	35				
Ambassador 6.6 DPL		01.71-	110408	14	35	01.71-	110509	12	1.4
		01.71-	110075	14	60				
Ambassador 6.6 SST		01.71- 01.72	110075	14	60	01.71- 01.72	110509	12	1.4
		01.71- 01.72	110408	14	35				
American 3.2		01.60-	110505	14	75				
		01.62- 01.66	110075	14	60				
American 4.8						01.67- 01.67	110509	12	1.4
American 4.8 440						01.68-	110509	12	1.4
American 4.8 Rogue						01.68-	110509	12	1.4
AMX 4.2		01.78- 01.80	110505	14	75	01.78- 01.80	110231	12	
AMX 4.8						01.68- 01.69	110509	12	1.4
AMX 5.0		01.72- 01.74	110408	14	35	01.72- 01.74	110509	12	1.4
		01.78- 01.79	110237	14	60	01.78- 01.79	110231	12	
AMX 5.6						01.68- 01.69	110509	12	1.4
AMX 5.9		01.71- 01.74	110408	14	35	01.70- 01.74	110509	12	1.4

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

**AMERICAN MOTORS** *Continued*

AMX 6.4					01.68- 01.70	110509	12	1.4
AMX 6.6	01.71- 01.74	110408	14	35	01.71- 01.74	110509	12	1.4
Classic 3.2	01.61- 01.62	110505	14	75				
	01.63- 01.64	110075	14	60				
Classic 3.3	01.65- 01.66	110075	14	60				
Concord 2.5	01.80- 01.82	110505	14	75	01.80- 01.82	110414	12	
Concord 2.5 DL	01.80- 01.82	110505	14	75	01.80- 01.82	110414	12	
Concord 2.5 Limited	01.80- 01.82	110505	14	75	01.80- 01.82	110414	12	
Concord 3.8	01.78- 01.79	110505	14	75	01.78- 01.79	110231	12	
Concord 4.2	01.78- 01.83	110505	14	75	01.78- 01.83	110231	12	
Concord 4.2 DL	01.80- 01.83	110505	14	75	01.80- 01.83	110231	12	
Concord 4.2 Limited	01.80- 01.83	110505	14	75	01.80- 01.83	110231	12	
Concord 5.0	01.78- 01.79	110237	14	60	01.78- 01.79	110231	12	
Eagle 2.5	01.83- 01.84	110508	14	78	01.81- 01.83	110414	12	
	01.83- 01.84	110471	14	94				
	01.81- 01.83	110505	14	75				
	01.81- 01.83	110235	14	80				
Eagle 2.5 DL SX4	01.83-	110471	14	94	01.83-	110414	12	
	01.83-	110508	14	78				
	01.83-	110505	14	75				
Eagle 2.5 DL-50	01.81-	110505	14	75	01.81-	110414	12	
	01.81-	110235	14	80				
Eagle 2.5 DL-50 Kammback	01.82-	110235	14	80	01.82-	110414	12	
	01.82-	110505	14	75				
Eagle 2.5 DL-50 SX4	01.81- 01.82	110505	14	75	01.81- 01.82	110414	12	
	01.81- 01.82	110235	14	80				
Eagle 2.5 Kammback	01.82-	110505	14	75	01.82-	110414	12	
	01.82-	110235	14	80				
Eagle 2.5 Limited	01.83- 01.84	110508	14	78	01.81- 01.83	110414	12	
	01.83- 01.84	110471	14	94				
	01.81- 01.83	110235	14	80				
	01.81- 01.83	110505	14	75				
Eagle 2.5 SX4	01.83-	110471	14	94	01.81- 01.83	110414	12	
	01.83-	110508	14	78				
	01.81- 01.83	110235	14	80				
	01.81- 01.83	110505	14	75				
Eagle 4.2	01.80- 01.88	110505	14	75	01.80- 01.88	110231	12	
Eagle 4.2 DL SX4	01.83-	110505	14	75				
	01.83-	110508	14	78				
	01.83-	110471	14	94				
	01.83-	110233	14	63				
Eagle 4.2 DL-50	01.81-	110505	14	75				
	01.81-	110235	14	80				
Eagle 4.2 DL-50 Kammback	01.82-	110505	14	75				
	01.82-	110235	14	80				
Eagle 4.2 DL-50 SX4	01.81- 01.82	110505	14	75				
	01.81- 01.82	110235	14	80				
Eagle 4.2 Kammback	01.82-	110235	14	80				
	01.82-	110505	14	75				
Eagle 4.2 Limited	01.80- 01.87	110505	14	75	01.80- 01.87	110231	12	
Eagle 4.2 SX4	01.81- 01.83	110505	14	75				
	01.81- 01.83	110235	14	80				
Gremlin 3.8 Custom	01.76- 01.78	110505	14	75	01.76- 01.78	110509	12	1.4
Gremlin 4.2	01.76- 01.78	110505	14	75	01.76- 01.78	110509	12	1.4
	01.71- 01.78	110408	14	35				
Gremlin 4.2 Custom	01.76- 01.78	110505	14	75	01.76- 01.78	110509	12	1.4
Gremlin 5.0	01.72- 01.75	110408	14	35	01.72- 01.75	110509	12	1.4
Gremlin 5.0 Custom	01.76-	110237	14	60	01.76-	110509	12	1.4
Hornet 3.8 Sportabout	01.71- 01.77	110408	14	35				
Hornet 4.2	01.71- 01.77	110408	14	35	01.76- 01.77	110509	12	1.4
	01.76- 01.77	110505	14	75				
Hornet 4.2 Sportabout	01.71- 01.77	110408	14	35	01.76- 01.77	110509	12	1.4
	01.76- 01.77	110505	14	75				
Hornet 4.2 SST	01.71- 01.72	110408	14	35				
Hornet 5.0					01.70- 01.77	110509	12	1.4
Hornet 5.0 Sportabout	01.71- 01.77	110408	14	35	01.71- 01.77	110509	12	1.4
Hornet 5.0 SST					01.70- 01.72	110509	12	1.4
Hornet 5.9	01.71- 01.74	110408	14	35	01.71- 01.74	110509	12	1.4
Hornet 5.9 Sportabout	01.72- 01.74	110408	14	35	01.72- 01.74	110509	12	1.4
Hornet 5.9 SST	01.71- 01.72	110408	14	35	01.71- 01.72	110509	12	1.4
Javelin 4.2	01.71- 01.74	110408	14	35				
Javelin 4.2 SST	01.71- 01.72	110408	14	35				
Javelin 4.8					01.68- 01.69	110509	12	1.4
Javelin 4.8 SST					01.68- 01.69	110509	12	1.4
Javelin 5.0					01.70- 01.74	110509	12	1.4
Javelin 5.0 SST					01.70- 01.72	110509	12	1.4
Javelin 5.6					01.68- 01.69	110509	12	1.4
Javelin 5.6 SST					01.68- 01.69	110509	12	1.4
Javelin 5.9					01.70- 01.74	110509	12	1.4
Javelin 5.9 SST					01.70- 01.72	110509	12	1.4
Javelin 6.4					01.68- 01.70	110509	12	1.4
Javelin 6.4 SST					01.68- 01.70	110509	12	1.4
Javelin 6.6	01.71- 01.74	110408	14	35	01.71- 01.74	110509	12	1.4
Javelin 6.6 SST	01.71- 01.72	110408	14	35	01.71- 01.72	110509	12	1.4
Marlin 4.8					01.67- 01.67	110509	12	1.4
Marlin 5.6					01.67- 01.67	110509	12	1.4
Matador 3.8	01.71- 01.74	110408	14	35				
Matador 3.8 Brougham	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 4.2	01.71- 01.78	110408	14	35				
Matador 4.2 Brougham	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 5.0	01.71- 01.77	110408	14	35	01.71- 01.77	110509	12	1.4
Matador 5.0 Brougham	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 5.0 X	01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 5.9	01.71- 01.75	110408	14	35	01.71- 01.78	110509	12	1.4
	01.76- 01.78	110237	14	60				
Matador 5.9 Brougham	01.74-	110408	14	35	01.74-	110509	12	1.4

## STARTERS & ALTERNATORS





Matador 5.9 X		01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 6.6		01.71- 01.76	110408	14	35	01.71- 01.76	110509	12	1.4
Matador 6.6 Brougham		01.74-	110408	14	35	01.74-	110509	12	1.4
Matador 6.6 X		01.74-	110408	14	35	01.74-	110509	12	1.4
Pacer 3.8		01.75- 01.78	110408	14	35	01.75- 01.78	110509	12	1.4
Pacer 4.2		01.75- 01.79	110408	14	35	01.75- 01.79	110509	12	1.4
		01.76- 01.79	110505	14	75				
Pacer 4.2 DL		01.80-	110505	14	75	01.80-	110231	12	
Pacer 4.2 Limited		01.80-	110505	14	75	01.80-	110231	12	
Pacer 5.0		01.78- 01.79	110237	14	60	01.78- 01.79	110231	12	
Rambler 4.8						01.69-	110509	12	1.4
Rambler 4.8 440						01.69-	110509	12	1.4
Rambler 4.8 Rogue						01.69-	110509	12	1.4
Rebel 4.8						01.67- 01.67	110509	12	1.4
Rebel 4.8 550						01.68- 01.68	110509	12	1.4
Rebel 4.8 770						01.68- 01.68	110509	12	1.4
Rebel 4.8 SST						01.68- 01.69	110509	12	1.4
Rebel 5.0						01.70-	110509	12	1.4
Rebel 5.0 SST						01.70-	110509	12	1.4
Rebel 5.6						01.67- 01.67	110509	12	1.4
Rebel 5.6 550						01.68- 01.68	110509	12	1.4
Rebel 5.6 770						01.68- 01.68	110509	12	1.4
Rebel 5.6 SST						01.68- 01.69	110509	12	1.4
Rebel 5.9						01.70-	110509	12	1.4
Rebel 5.9 SST						01.70-	110509	12	1.4
Rebel 6.4						01.69- 01.70	110509	12	1.4
Spirit 2.5		01.80- 01.82	110505	14	75	01.80- 01.82	110414	12	
Spirit 2.5 DL		01.80- 01.82	110505	14	75	01.80- 01.82	110414	12	
Spirit 2.5 Limited		01.80-	110505	14	75	01.80-	110414	12	
Spirit 3.8		01.79-	110505	14	75	01.79-	110231	12	
Spirit 4.2		01.79- 01.82	110505	14	75	01.79- 01.82	110231	12	
Spirit 4.2 DL		01.80- 01.83	110505	14	75	01.80- 01.83	110231	12	
Spirit 4.2 GT		01.83-	110505	14	75				
		01.83-	110508	14	78				
		01.83-	110471	14	94				
		01.83-	110233	14	63				
Spirit 4.2 Limited		01.80-	110505	14	75	01.80-	110231	12	
Spirit 5.0						01.79-	110231	12	
Various models						01.80-	110414	12	
						01.67- 01.77	110509	12	1.4
						01.68- 01.70	112897	12	1.7
<b>Arctic Cat</b>									
<b>MOTOR BIKES</b>									
Arctic Cat 700 0.7	[Lombadini]		114411	14	40				
<b>Arona</b>									
<b>MARINE</b>									
Various models	[AD...]	09.82- 12.88	111662	14	33	07.76- 12.88	112172	12	1.6
						02.78-	112034	12	1.7
						02.78- 12.88	113268	12	1.6
<b>Asia Motors</b>									
<b>PASSENGER CARS EU</b>									
Rocsta 2.2 Diesel 4x4	[R2]					06.93-	110389	12	2.0
<b>Astra</b>									
<b>INDUSTRY</b>									
BM20M Dumper		01.77- 12.85	112097	28	30				
BM25 Dumper		01.78- 01.82	112097	28	30				
BM304 Dumper		01.82- 01.89	112097	28	30				
MR Dumper		01.77- 12.85	112097	28	30				
<b>Atlas Copco</b>									
<b>MISCELLANEOUS</b>									
PR 425 8.5	[F6L413]	04.80- 12.86	110766	28	27	02.72- 12.86	114437	24	5.4
ST 35 2.8	[F3L912]					01.73- 12.86	110536	12	2.7
ST 48 3.8	[F4L912]					02.73- 12.86	110536	12	2.7
ST 71 5.6	[F6L912]					02.73- 12.86	113467	12	3.7
ST 95 5.6	[BF6L912]					03.73- 12.86	113467	12	3.7
STS 35 2.8	[F3L912]					02.73- 12.86	110536	12	2.7
STS 48 3.8	[F4L912]					02.73- 12.86	110536	12	2.7
STS 71 5.6	[F6L912]					02.73- 12.86	113467	12	3.7
STS 95 5.6	[BF6L912]					02.73- 12.86	113467	12	3.7
US 85 1.9	[F2L912]					02.72- 12.86	114181	12	1.9
Various models			110801	28	45	01.75-	110615	12	2.8
							113269	12	3.0
						01.75-	111737	12	2.8
						01.95-	113478	12	2.8
						08.69- 12.79	113467	12	3.7
						08.74- 12.84	111004	12	2.4
						01.75-	110460	12	2.8
						08.78- 12.84	110536	12	2.7
<b>Audi</b>									
<b>PASSENGER CARS EU</b>									
50 1.1	[HB]	08.74- 07.78	110360	14	45				
	[HC]	08.74- 07.77	110360	14	45				
50 1.3	[HH]	08.77- 08.78	110360	14	45				
60 1.5	[IO]					10.68- 09.73	110997	12	0.8
80 1.3	[EP]	08.81- 07.83	111139	14	75	08.81- 07.86	110865	12	0.95
		08.81- 07.83	111653	14	45				
		08.83- 07.85	110919	14	70				
	[FY]	09.78- 07.81	110913	14	70				
		01.80- 07.81	110360	14	45				
	[FZ]	09.78- 07.81	110360	14	45				
		09.78- 07.81	110913	14	70				
80 1.4	[SE]	08.87- 08.91	112149	14	65	08.86- 08.91	112321	12	1.1
80 1.6	[ABB]	08.90- 10.91	111094	14	65	AT 08.90- 10.91	110865	12	0.95
						08.90- 10.91	112321	12	1.1
	[ABM]	09.91- 01.92	112149	14	65	01.92- 01.96	112321	12	1.1

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



AUDI Continued

	[DT]	08.83- 07.85	110919	14	70				
		08.85- 07.86	112149	14	65				
	[PP]	08.87- 09.91	112149	14	65	08.87- 08.91	112321	12	1.1
	[RN]	09.86- 08.91	112149	14	65	09.86- 08.91	112321	12	1.1
	[SA]	02.86- 07.86	112149	14	65				
	[WV]	08.80- 07.83	111653	14	45	08.81- 07.83	110865	12	0.95
	[YN]	08.78- 07.80	110911	14	55				
		08.80- 07.83	111653	14	45				
		AC 08.78- 07.80	111139	14	75				
	[YP]	08.78- 07.80	110911	14	55				
		08.80- 02.83	111139	14	75				
		08.80- 02.83	111653	14	45				
		AC 08.78- 07.80	111139	14	75				
	[YT]	09.78- 07.79	110911	14	55				
	[YY]	09.78- 07.79	110911	14	55				
80 1.6 E	[ADA]					06.93- 01.96	112321	12	1.1
80 1.6 GLE	[YZ]	01.79- 07.80	110911	14	55				
		08.80- 06.82	111139	14	75				
		AC 01.79- 07.80	111139	14	75				
80 1.6 GTE	[YS]	01.76- 07.76	111139	14	75				
80 1.6 Diesel	[CR]					04.90- 08.91	111694	12	1.8
	[JK]	08.85- 08.91	111094	14	65	04.90- 08.91	111694	12	1.8
		08.85- 08.86	112735	14	45				
		09.86- 08.91	112729	14	90				
80 1.6 TD	[CY]	08.81- 07.84	111653	14	45	04.90- 08.91	111694	12	1.8
		08.84- 05.86	112735	14	45				
		08.85- 05.86	111094	14	65				
		AC 08.81- 07.84	111139	14	75				
	[RA]	09.86- 08.91	111094	14	65	09.86- 08.91	111694	12	1.8
		09.86- 08.91	112729	14	90				
		AC 09.86- 08.91	112729	14	90				
	[SB]	09.86- 08.91	111094	14	65	04.90- 08.91	111694	12	1.8
		09.86- 08.91	112729	14	90				
		AC 09.86- 08.91	112729	14	90				
80 1.8	[DS]	01.83- 07.83	111139	14	75	01.83- 08.86	110865	12	0.95
		08.83- 07.85	110919	14	70				
		08.85- 08.86	112149	14	65				
	[JN]	08.83- 07.85	110919	14	70	01.83- 08.86	110865	12	0.95
		08.85- 08.86	112149	14	65				
	[JV]	01.83- 08.86	110919	14	70	01.83- 08.86	110865	12	0.95
		01.83- 08.86	112149	14	65				
	[RU]	10.86- 01.90	112149	14	65	AT 10.86- 01.90	110865	12	0.95
	[SD]	09.87- 07.88	112149	14	65				
	[SF]	02.86- 07.86	112149	14	65	02.86- 07.86	110865	12	0.95
80 1.8 Quattro	[JN]	08.85- 07.88	112149	14	65	08.84- 08.86	110865	12	0.95
	[JV]	08.84- 08.86	110919	14	70	08.84- 08.86	110865	12	0.95
		08.84- 08.86	112149	14	65				
	[NE]	08.84- 07.85	110919	14	70	08.84- 08.86	110865	12	0.95
		08.85- 07.88	112149	14	65				
	[SD]	09.86- 10.91	112149	14	65				
	[SF]	09.86- 07.90	112149	14	65				
80 1.8 E	[DZ]	06.86- 08.91	112149	14	65	06.86- 08.86	110865	12	0.95
80 1.8 E Quattro	[DZ]	09.86- 08.91	112149	14	65				
80 1.8 GTE	[DZ]	10.84- 07.85	110919	14	70	01.83- 08.86	110865	12	0.95
		08.85- 08.86	112149	14	65				
	[PV]	03.85- 08.86	112149	14	65	08.85- 08.86	110865	12	0.95
80 1.8 GTE Quattro	[DZ]	08.84- 07.85	110919	14	70	01.83- 08.86	110865	12	0.95
		08.85- 08.86	112149	14	65				
	[PV]	03.85- 08.86	112149	14	65	08.84- 08.86	110865	12	0.95
80 1.8 S	[JN]	09.86- 10.91	112149	14	65				
	[NE]	09.86- 10.91	112149	14	65				
	[PM]	09.86- 10.91	112149	14	65	AT 09.86- 10.91	110865	12	0.95
	[SF]	09.86- 08.91	112149	14	65				
80 1.8 S Quattro	[JN]	09.86- 09.91	112149	14	65				
	[NE]	09.86- 07.88	112149	14	65				
	[PM]	08.90- 09.91	112149	14	65				
80 1.9	[WN]	09.81- 07.83	111139	14	75	09.82- 07.83	111010	12	1.4
80 1.9 Diesel	[1Y]	08.89- 08.91	111094	14	65	04.90- 01.96	111694	12	1.8
		08.89- 08.91	112729	14	90				
80 1.9 TD	[AAZ]	09.91- 01.96	111676	14	90	09.91- 01.96	111694	12	1.8
80 1.9 TDi	[1Z]	09.91- 01.96	111676	14	90	09.91- 01.96	111694	12	1.8
80 2.0	[ABK]	09.91- 07.92	111154	14	65	09.91- 01.96	112321	12	1.1
		09.91- 07.92	112149	14	65				
	[ABT]	09.91- 07.92	112149	14	65	09.91- 01.96	112321	12	1.1
	[HP]	10.83- 09.84	110919	14	70	10.83- 09.84	111010	12	1.4
	[JS]	10.83- 09.84	110919	14	70	10.83- 09.84	111010	12	1.4
	[AAD]	08.88- 12.91	112149	14	65	AT 10.90- 08.91	110865	12	0.95
80 2.0 Quattro	[3A]	10.90- 08.91	112149	14	65				
	[ABK]	09.91- 10.91	112149	14	65	09.91- 01.96	112321	12	1.1
	[JS]	08.83- 07.84	110919	14	70	10.83- 07.84	111010	12	1.4
	[AAD]	10.90- 08.91	112149	14	65				
80 2.0 16V	[ACE]					08.92- 01.96	112321	12	1.1
80 2.0 16V E	[6A]					09.91- 07.92	112321	12	1.1
80 2.0 16V Quattro	[ACE]					04.92- 01.96	112321	12	1.1
80 2.0 E 16V Quattro	[6A]					09.91- 07.92	112321	12	1.1
80 2.0 E	[3A]	08.88- 09.91	112149	14	65	AT 08.88- 10.90	110865	12	0.95
80 2.0 E Quattro	[3A]	08.88- 09.90	112149	14	65				
80 2.2	[WE]	10.80- 07.81	110911	14	55	10.80- 08.83	111010	12	1.4
		10.80- 07.81	111139	14	75				
80 2.2 Quattro	[KK]					08.82- 07.84	111010	12	1.4
	[KL]					08.82- 07.84	111010	12	1.4
80 2.2 S2 Quattro	[ABY]					02.93- 01.96	111010	12	1.4
80 2.2 RS2 Quattro	[ADU]					03.94- 01.96	111010	12	1.4
80 2.3	[NG]	09.91- 01.96	112750	14	90	09.91- 01.96	111010	12	1.4
		09.91- 01.96	112777	14	115				

## STARTERS & ALTERNATORS



80 2.3 Quattro	[NG]	09.91- 12.94	112750	14	90	09.91- 01.96	111010	12	1.4
		09.91- 12.94	112777	14	115				
80 2.6	[ABC]	07.92- 01.96	112806	14	120	07.92- 01.96	112309	12	1.4
80 2.6 Quattro	[ABC]	06.92- 05.95	112806	14	120	08.92- 01.96	112309	12	1.4
80 2.8	[AAH]	09.91- 01.96	112806	14	120	09.91- 01.96	112309	12	1.4
80 2.8 Quattro	[AAH]	09.91- 05.95	112806	14	120	09.91- 01.96	112309	12	1.4
90 1.6 TD	[CY]	08.85- 01.87	111094	14	65				
		08.85- 01.87	112729	14	90				
		08.85- 01.87	112735	14	45				
	[RA]	04.87- 03.90	111094	14	65	04.87- 09.91	111694	12	1.8
		04.87- 03.90	112729	14	90				
		[SB]	04.89- 09.91	111094	14	65	03.90- 09.91	111694	12
		04.89- 09.91	112729	14	90				
90 1.8 Super	[8921]					10.66- 11.71	110997	12	0.8
90 2.0	[HP]					10.84- 03.87	111010	12	1.4
	[JS]					10.84- 03.87	111010	12	1.4
	[PS]					AT 09.87- 10.90	110865	12	0.95
	[SK]					02.86- 03.87	111010	12	1.4
90 2.0 20V	[NM]	08.89- 07.91	112750	14	90	08.89- 07.91	111010	12	1.4
90 2.0 20V Quattro	[NM]	08.88- 09.91	112750	14	90	08.88- 09.91	111010	12	1.4
		08.88- 09.91	112777	14	115				
90 2.2	[HY]					10.84- 03.87	111010	12	1.4
	[KV]					10.84- 03.87	111010	12	1.4
	[KX]					01.85- 03.87	111010	12	1.4
90 2.2 E	[KV]	05.87- 07.91	112750	14	90	04.87- 07.91	111010	12	1.4
		AC 04.87- 07.91	112777	14	115				
90 2.2 E Quattro	[JT]					10.84- 03.87	111010	12	1.4
	[KV]	04.87- 09.91	112777	14	115	10.84- 09.91	111010	12	1.4
		05.87- 09.91	112750	14	90				
90 2.3 E 20V	[7A]	08.88- 07.91	112750	14	90	08.88- 07.91	111010	12	1.4
		AC 08.88- 07.91	112777	14	115				
90 2.3 E 20V Quattro	[7A]	06.88- 09.91	112750	14	90	06.88- 09.91	111010	12	1.4
		AC 06.88- 09.91	112777	14	115				
90 2.3 E	[NG]	04.87- 07.91	112750	14	90	04.87- 07.91	111010	12	1.4
		03.90- 07.91	112777	14	115				
		AC 04.87- 07.91	112777	14	115				
90 2.3 E Quattro	[NG]	04.87- 09.91	112750	14	90	04.87- 09.91	111010	12	1.4
		AC 04.87- 09.91	112777	14	115				
100 1.6	[YV]	08.76- 02.83	111653	14	45				
100 1.8	[4B]	01.88- 11.90	112149	14	65				
	[DR]	06.83- 10.86	110919	14	70	08.82- 10.86	110865	12	0.95
	[DS]	05.83- 07.89	110919	14	70	05.83- 07.87	110865	12	0.95
	[JW]	03.83- 07.89	110919	14	70	03.83- 07.87	110865	12	0.95
	[NP]	04.85- 07.89	110919	14	70	04.85- 07.87	110865	12	0.95
		01.88- 11.90	112149	14	65				
	[PH]	04.85- 07.89	110919	14	70	04.85- 07.87	110865	12	0.95
		01.88- 11.90	112149	14	65				
	[RS]	11.86- 08.87	112149	14	65	11.86- 08.87	110865	12	0.95
	[SH]	02.86- 07.90	112149	14	65	08.86- 07.87	110865	12	0.95
	[ZU]					09.71- 07.74	110997	12	0.8
100 1.8 Quattro	[4B]	01.88- 12.90	112149	14	65				
	[JW]	04.85- 12.87	110919	14	70	04.85- 07.87	110865	12	0.95
	[NP]	08.85- 12.90	110919	14	70	08.85- 07.88	110865	12	0.95
		01.88- 12.90	112149	14	65				
	[PH]	04.85- 07.88	110919	14	70	04.85- 07.88	110865	12	0.95
		08.88- 12.90	112149	14	65				
	[SH]	08.86- 07.90	112149	14	65	02.86- 07.87	110865	12	0.95
100 1.8 LS	[ZZ]					09.71- 07.76	110997	12	0.8
100 1.9	[WH]	08.80- 07.81	110911	14	55	08.82- 07.84	111010	12	1.4
		08.80- 07.81	111139	14	75				
		06.83- 07.84	110919	14	70				
	[ZJ]					08.71- 07.76	110997	12	0.8
100 1.9 GL	[ZJ]					09.71- 07.76	110997	12	0.8
100 2.0	[ABK]					08.92- 07.94	112321	12	1.1
	[KP]					08.84- 10.87	111010	12	1.4
	[RT]					01.88- 11.90	111010	12	1.4
	[SL]					08.86- 10.87	111010	12	1.4
	[WA]	06.76- 07.80	110911	14	55	08.76- 04.77	110997	12	0.8
	[AAD]	12.90- 07.91	112149	14	65	08.91- 01.93	112321	12	1.1
	[AAE]	12.90- 06.94	112149	14	65	08.91- 07.94	112321	12	1.1
100 2.0 Quattro	[AAD]					08.91- 07.92	112321	12	1.1
100 2.0 16V	[ACE]					01.92- 06.94	112321	12	1.1
100 2.0 16V Quattro	[ACE]					07.92- 06.94	112321	12	1.1
100 2.0 E 16V	[ACE]					07.92- 06.94	112321	12	1.1
100 2.0 E 16V Quattro	[ACE]					07.92- 06.94	112321	12	1.1
100 2.0 E	[KP]					08.84- 10.87	111010	12	1.4
	[RT]					01.88- 11.90	111010	12	1.4
100 2.0 Diesel	[CN]	08.78- 11.90	111094	14	65	08.85- 07.89	112537	12	2.2
		08.83- 11.90	112729	14	90	08.78- 07.85	111112	12	2.0
		08.85- 07.88	112149	14	65				
100 2.0 TD	[DE]	08.82- 02.88	112729	14	90	08.85- 10.87	112537	12	2.2
		08.85- 02.88	111094	14	65	11.81- 07.85	111112	12	2.0
		[NC]	03.88- 11.90	111094	14	65	03.88- 11.90	112537	12
		03.88- 11.90	112729	14	90				
100 2.1	[KF]					08.82- 07.84	111010	12	1.4
	[WB]	10.77- 07.81	110911	14	55				
		10.77- 07.81	111139	14	75				
	[WC]	03.77- 07.81	110911	14	55	08.82- 07.84	111010	12	1.4
		03.77- 07.81	111139	14	75				
	[WE]	10.77- 07.81	110911	14	55	10.77- 07.82	111010	12	1.4
	10.77- 07.81	111139	14	75					
	[WG]	03.77- 07.81	110911	14	55	03.77- 07.82	111010	12	1.4
		03.77- 07.81	111139	14	75				
100 2.2	[HX]					08.84- 11.90	111010	12	1.4
	[KF]					08.82- 07.84	111010	12	1.4
	[KU]	08.84- 12.90	112777	14	115	08.84- 11.90	111010	12	1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

AUDI Continued

	[KZ]					10.84- 09.86	111010	12	1.4
	[WB]	07.77- 07.81	110911	14	55				
		07.77- 07.82	111139	14	75				
	AC	07.77- 07.82	111139	14	75				
	[WC]	07.77- 07.81	110911	14	55				
		07.77- 07.81	111139	14	75				
	[WE]	07.77- 07.81	110911	14	55				
		07.77- 07.82	111139	14	75				
	AC	07.77- 07.82	111139	14	75				
	[WG]	07.77- 07.80	110911	14	55				
		07.77- 07.80	111139	14	75				
	[WU]					08.82- 07.84	111010	12	1.4
100 2.2 Quattro	[HX]					06.89- 11.90	111010	12	1.4
	[KU]					08.84- 11.90	111010	12	1.4
100 2.2 E Turbo Quattro	[MC]	08.88- 11.90	112777	14	115	03.86- 11.90	111010	12	1.4
		01.89- 11.90	112750	14	90				
100 2.2 E Quattro	[PX]					08.85- 07.86	111010	12	1.4
100 2.2 Turbo	[MC]	08.88- 11.90	112777	14	115	04.86- 11.90	112537	12	2.2
		01.89- 11.90	112750	14	90	04.86- 11.90	111010	12	1.4
100 2.2 Turbo Quattro	[MC]	08.86- 01.89	112750	14	90	03.86- 11.90	111010	12	1.4
		01.89- 11.90	112777	14	115				
100 2.3	[NF]	10.86- 07.91	112777	14	115	10.86- 07.94	111010	12	1.4
		07.87- 11.90	112750	14	90				
		12.90- 06.94	112806	14	120				
	[AAR]	12.90- 06.94	112750	14	90	12.90- 07.94	111010	12	1.4
		08.91- 06.94	112806	14	120				
100 2.3 Quattro	[NF]	01.90- 11.90	112750	14	90	12.90- 07.94	111010	12	1.4
		01.90- 11.90	112777	14	115				
	[AAR]	12.90- 06.94	112750	14	90	12.90- 07.94	111010	12	1.4
		12.90- 06.94	112806	14	120				
100 2.3 E	[NF]	10.86- 11.90	112777	14	115	10.86- 07.94	111010	12	1.4
		07.87- 11.90	112750	14	90				
100 2.3 E Quattro	[NF]	08.86- 11.90	112750	14	90	08.86- 11.90	111010	12	1.4
		08.86- 11.90	112777	14	115				
100 2.4 Diesel	[3D]	08.89- 11.90	112750	14	90	08.89- 11.90	112537	12	2.2
	[AAS]	05.91- 06.94	112750	14	90	05.91- 07.94	112537	12	2.2
100 2.5 TDi	[1T]	01.90- 11.90	112750	14	90	01.90- 11.90	112537	12	2.2
		01.90- 11.90	112777	14	115				
	[ABP]	06.91- 06.94	112777	14	115	06.91- 07.94	112537	12	2.2
	[AAT]	12.90- 06.94	113758	14	120	06.91- 07.94	112537	12	2.2
		06.91- 06.94	112777	14	115				
100 2.6	[ABC]	03.92- 06.94	112806	14	120	04.92- 07.94	112309	12	1.4
	[ACZ]	07.93- 02.96	112806	14	120	01.93- 07.94	112309	12	1.4
100 2.6 Quattro	[ABC]	04.92- 06.94	112806	14	120	03.92- 07.94	112309	12	1.4
100 2.8 E	[AAH]	12.90- 06.94	112806	14	120	12.90- 07.94	112309	12	1.4
100 2.8 E Quattro	[AAH]	12.90- 06.94	112806	14	120	12.90- 07.94	112309	12	1.4
100 4.2 V8 S4 Quattro	[ABH]	10.92- 06.94	112777	14	115				
200 2.1 E	[WC]					08.83- 07.84	111010	12	1.4
200 2.1 Turbo	[KG]	AT 08.85- 01.88	112729	14	90	08.83- 01.88	111010	12	1.4
200 2.1 Turbo Quattro	[KG]					11.84- 12.87	111010	12	1.4
200 2.2	[KU]					08.84- 07.85	111010	12	1.4
200 2.2 E	[WC]	10.79- 07.81	111139	14	75				
200 2.2 Turbo 20V Quattro	[3B]	03.89- 12.90	112750	14	90	03.89- 12.90	111010	12	1.4
		03.89- 12.90	112777	14	115				
200 2.2 Turbo	[1B]	08.88- 12.91	112729	14	90	02.88- 12.91	111010	12	1.4
		08.88- 12.91	112750	14	90				
		08.88- 12.91	112777	14	115				
	[2B]	02.88- 12.91	112729	14	90				
		08.88- 12.91	112750	14	90				
		08.88- 12.91	112777	14	115				
	[MC]	03.88- 12.91	112750	14	90	08.85- 12.91	111010	12	1.4
		03.88- 12.91	112777	14	115				
	[WJ]	09.79- 07.81	110911	14	55				
		10.79- 07.81	111139	14	75				
200 2.2 Turbo Quattro	[1B]	08.88- 11.90	112750	14	90	02.88- 11.90	111010	12	1.4
		08.88- 11.90	112777	14	115				
	[MC]	01.85- 08.88	112729	14	90	01.85- 12.90	111010	12	1.4
		08.88- 12.91	112777	14	115				
		01.89- 12.91	112750	14	90				
200 2.3	[NF]	11.86- 09.91	112750	14	90	11.86- 09.91	111010	12	1.4
		11.86- 09.91	112777	14	115				
A1 1.2 TFSi	[CBZA]					A25 05.10-	115401	12	2.2
A1 1.2 TFSi Sportback	[CBZA]					01.12-	114034	12	1.0
A1 1.4 TFSi	[CAVG]	01.11-	113861	14	110	01.11-	115612	12	1.2
		01.11-	114884	14	140				
	[CAXA]	05.10-	115528	14	140	A50 05.10-	115337	12	2.0
						A25 05.10-	115401	12	2.2
						05.10-	115612	12	1.2
	[CNVA]	05.10-	115528	14	140	AT 05.10-	115337	12	2.0
						05.10-	115401	12	2.2
						05.10-	115612	12	1.2
	[CPTA]					6SP 04.12-	115964	12	2.0
						DKG 04.12-	115337	12	2.0
	[CTHG]	01.11-	113861	14	110	01.11-	115612	12	1.2
		01.11-	114884	14	140				
	[CTJA]	01.11-	113861	14	110	01.11-	115612	12	1.2
		01.11-	114884	14	140				
	[CZCA]					11.14-	115612	12	1.2
	[CZDB]					11.14-	115612	12	1.2
A1 1.4 TFSi Sportback	[CAVG]	11.11-	113861	14	110	11.11-	115612	12	1.2
		11.11-	114884	14	140				
	[CAXA]	11.11-	114884	14	140	11.11-	114163	12	1.1
		11.11-	115528	14	140	A50 11.11-	115337	12	2.0
						A25 11.11-	115401	12	2.2
						11.11-	115612	12	1.2



	[CNVA]	11.11- 11.11-	114884 115528	14 140 14 140		11.11- 11.11- 11.11-	114163 115337 115401 115612	12 1.1 12 2.0 12 2.2 12 1.2
	[CPTA]					6SP 04.12- DKG 04.12-	115964 115337	12 2.0 12 2.0
	[CTHG]	11.11- 11.11-	113861 114884	14 110 14 140		11.11-	115612	12 1.2
	[CTJA]	11.11- 11.11-	113861 114884	14 110 14 140		11.11-	115612	12 1.2
	[CZCA]					11.14-	115612	12 1.2
	[CZDB]					11.14-	115612	12 1.2
A1 1.4 TDi	[CUSB]					11.14- 11.14-	115336 115610	12 2.2 12 2.0
A1 1.4 TDi Sportback	[CUSB]					11.14- 11.14-	115336 115610	12 2.2 12 2.0
A1 1.6 TDi	[CAYB]	03.11- 03.11- 03.11-	113992 115370 115433*	14 140 14 110 14 140		A25 03.11- 03.11-	115336 115634	12 2.2 12 1.8
	[CAYC]	05.10-	115433*	14 140		05.10-	115336	12 2.2
	[CXMA]					11.14- 11.14-	115336 115610	12 2.2 12 2.0
A1 1.6 TDi Sportback	[CAYB]	11.11- 11.11- 11.11-	113992 115370 115433*	14 140 14 110 14 140		11.11- A25 11.11- A25 11.11-	114299 115336 115401 115634	12 1.7 12 2.2 12 2.2 12 1.8
	[CAYC]	11.11- 11.11-	115370 115433*	14 110 14 140		11.11- A25 11.11-	114299 115336	12 1.7 12 2.2
	[CXMA]					11.14- 11.14-	115336 115610	12 2.2 12 2.0
A1 2.0 TFSi Quattro	[CDLH]	03.12-	115433*	14 140		03.12-	113773	12 1.1
A1 2.0 TDi	[CFHB]	05.12- 05.12- 05.12-	113992 115370 115433*	14 140 14 110 14 140		05.12- 05.12-	113841 115402	12 1.7 12 1.8
	[CFHD]	09.11- 09.11- 09.11-	113992 115370 115433*	14 140 14 110 14 140		09.11- A25 09.11-	113841 115402	12 1.7 12 1.8
A1 2.0 TDi Sportback	[CFHB]	05.12- 05.12-	115370 115433*	14 110 14 140		05.12- A25 05.12-	113841 115402	12 1.7 12 1.8
A2 1.2 TDi	[ANY]	02.00-	113275	14 120				
A2 1.4	[AUA]	02.00- 08.05 02.00- 08.05 AC 02.00-	113887 115482 111989	14 90 14 90 A49 14 90		06.00-	112435	12 1.1
	[BBV]	02.00- 08.05 02.00- 08.05 AC 11.01-	113887 115482 111989	14 90 14 90 A49 14 90		06.00-	112435	12 1.1
A2 1.4 TDi	[AMF]	02.00- 08.05	113275	14 120		02.00- 09.99- 08.03	111900 115503	12 1.8 12 1.8 A49
	[ATL]					11.03- 11.03- 08.05	111900 115503	12 1.8 12 1.8 A49
	[BHC]	02.00-	113275	14 120		02.00- 05.03- 08.05	111900 115503	12 1.8 12 1.8 A49
A2 1.6 FSi	[BAD]					01.02- 08.05	113515	12 0.9
A3 1.0 TFSi	[CHZD]					07.16-	115612	12 1.2
A3 1.0 TFSi Sportback	[CHZD]					07.16-	115612	12 1.2
A3 1.2 TFSi	[CJZA]					02.13- 02.13-	115612 115945*	12 1.2 12 2.0
	[CYVB]					05.14-	115612	12 1.2
A3 1.2 TFSi Sportback	[CYVB]					05.14-	115612	12 1.2
A3 1.2 TFSi Sportsback	[CJZA]					05.13- 05.13-	115612 115945*	12 1.2 12 2.0
A3 1.2 TSi	[CBZB]	03.10- 05.13 03.10- 05.13	115765 115767*	14 140 14 140		03.10- A44 04.10- 08.12 AT 04.10- 08.12 03.10- 08.12	114175 115337 115611 115645	12 1.1 12 2.0 12 1.1 12 2.0
A3 1.2 TSi Sportback	[CBZB]	04.10- 03.13 04.10- 03.13	115765 115767*	14 140 14 140		04.10- A44 04.10- AT 04.10- 03.13 04.10-	114175 115337 115611 115645	12 1.1 12 2.0 12 1.1 12 2.0
A3 1.4 TFSi	[CAXC]	09.07- 08.12 09.07- 08.12 09.07- 03.13	114769 115528 115707	14 110 14 140 14 110		09.07- 05.13-	114163 115338	12 1.1 12 2.0
	[CMBA]					AT 08.12- 09.13- 04.12-	115612 115612 115818	12 1.2 12 1.2 12 1.1
	[CMSA]	04.10- 08.12	115528	14 140		04.10- 08.12	115611	12 1.1
	[CPTA]					10.12-	115818	12 1.1
	[CXSA]					A25 04.12- AT 08.12- 09.13- 09.13-	115818 115612 115612 115818	12 1.1 12 1.2 12 1.2 12 1.1
	[CXSB]					09.13- 09.13- 02.14-	115612 115818 115944	12 1.2 12 1.1 12 1.7
	[CZCA]					05.14- 05.14-	115818 115944	12 1.1 12 1.7
	[CZCC]					02.16- 02.16-	115612 115818	12 1.2 12 1.1
	[CZEA]					05.14- 05.14-	115818 115944	12 1.1 12 1.7
A3 1.4 TFSi Sportback	[CMBA]					A25 09.12- AT 09.12-	115818 115612	12 1.1 12 1.2
	[CXSA]					A25 09.12- AT 09.12-	115818 115612	12 1.1 12 1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



AUDI Continued

	[CXSBJ]				A25 05.14-05.14-05.14-	115818 115944 115612	12 1.1 12 1.7 12 1.2
	[CZCA]				A25 05.14-05.14-05.14-	115818 115944 115612	12 1.1 12 1.7 12 1.2
	[CZEA]				05.14-05.14-	115818 115944	12 1.1 12 1.7
A3 1.4 TFSI Sportsback	[CPTA]				03.13-	115818	12 1.1
A3 1.4 TFSI G-Tron Sportback	[CPWA]				11.13-11.13-	115818 115944	12 1.1 12 1.7
A3 1.6	[AEH]	09.96-04.98 09.96-05.03 09.96-05.03 05.98- 05.98-06.01 05.98-06.01 AC 05.98-	111820 112002 114797 112075 115482 115483 111989	14 90 14 120 A47 14 120 A46 14 70 14 90 A49 14 120 A49 14 90	09.96-06.98 06.98-06.01 AT 07.98-	111748 115504 111909	12 1.1 12 1.1 A49 12 1.1
	[AKL]	09.96-05.03 09.96-05.03 08.97-04.98 05.98- 05.98-06.01 05.99-06.01 AC 05.98-	112002 114797 111820 112075 115482 115483 111989	14 120 A47 14 120 A46 14 90 14 70 14 90 A49 14 120 A49 14 90	08.97-06.01 08.97-06.98 07.98-06.01 AT 07.98-	112005 111748 115504 111909	12 1.1 12 1.1 12 1.1 A49 12 1.1
	[APF]	09.96-05.03 09.96-05.03 08.98-08.00 08.98-08.00 06.99- AC 06.99-	112002 114797 115482 115483 112075 111989	14 120 A47 14 120 A46 14 90 A49 14 120 A49 14 70 14 90	08.98-08.00 06.99-	115504 111909	12 1.1 A49 12 1.1
	[AVU]	05.00-04.02 05.00-04.02 08.00-05.03 08.00-05.03	115482 115483 111989 112002	14 90 A49 14 120 A49 14 90 14 120 A47	05.00-05.00-04.02	111909 115504	12 1.1 12 1.1 A49
	[BFQ]	08.00-04.02 08.00-05.03 08.00-04.02 08.00-05.03 08.00-04.02 08.00-04.02	111989 112002 112075 114797 115482 115483	14 90 14 120 A47 14 70 14 120 A46 14 90 A49 14 120 A49	08.00-04.02 08.00-04.02	111909 115504	12 1.1 12 1.1 A49
	[BGU]	05.03-	113992	14 140	05.03-	113773	12 1.1
	[BSE]	06.05-	113992	14 140			
	[BSF]	06.05-	113992	14 140			
A3 1.6 Sportback	[BGU]	09.04-	113992	14 140	AT 09.04-	113773	12 1.1
	[BSE]	06.05-	113992	14 140	DSG 06.05-03.13	115611	12 1.1
	[BSF]	06.05-	113992	14 140			
A3 1.6 FSI	[BAG]	08.03-09.07	114769	14 110	08.03-	113773	12 1.1
	[BLF]	01.05-09.07	114769	14 110			
	[BLP]	08.03-12.04	114769	14 110	08.03-	113773	12 1.1
A3 1.6 FSI Sportback	[BLF]	01.05-	114769	14 110			
	[BLP]	09.04-	114769	14 110	09.04-	113773	12 1.1
A3 1.6 E-Power	[CCSA]	01.11-08.12	113992	14 140	01.11-08.12	114176	12 1.0
	[CMXA]	01.11-	113992	14 140	01.11-	114176	12 1.0
A3 1.6 Sportback E-Power	[CCSA]	01.11-03.13	113992	14 140	01.11-03.13	114176	12 1.0
	[CMXA]	01.11-	113992	14 140	01.11-	114176	12 1.0
A3 1.6 TDi	[CAYB]	05.09-05.09-03.13	113992 115433*	14 140 14 140	05.09-03.13 A25 05.09-08.12	114299 115336	12 1.7 12 2.2
	[CAYC]	05.09-05.13	115433*	14 140	PR-no. 7L3 05.09-08.12 A25 05.09-08.12 DKG 05.09- Sequential Manual Transmission (SSG) 05.09-05.09-08.12	114299 115336 115376 115376 115376	12 1.7 12 2.2 12 1.8 12 1.8 12 1.8
	[CLHA]				A25 10.12- A50 10.12- 09.13- 09.12-	115336 115610 115336 115634	12 2.2 12 2.0 12 2.2 12 1.8
	[CRKB]				09.13-	115336	12 2.2
A3 1.6 TDi Quattro	[CXXB]	05.15-	115826	14 140	05.15-05.15-05.15-	115336 115610 115634	12 2.2 12 2.0 12 1.8
A3 1.6 TDi Quattro Sportback	[CXXB]	05.15-	115826	14 140	05.15-05.15-05.15-	115336 115610 115634	12 2.2 12 2.0 12 1.8
A3 1.6 TDi Sportback	[CRKB]				09.13-	115336	12 2.2
A3 1.6 TDi Sportsback	[CLHA]				A25 10.12-10.12-10.12-	115610 115336 115634	12 2.0 12 2.2 12 1.8
A3 1.8	[AGN]	09.96-04.98 09.96-05.98 05.98- 05.98-06.01 AC 05.98-	111820 112399 112075 115482 111989	14 90 14 90 14 70 14 90 A49 14 90	AT 09.96-06.98 07.98- AT 07.98- 07.98-06.01 09.96-06.98	111748 112005 111909 115504 111749	12 1.1 12 1.1 12 1.1 12 1.1 A49 12 1.1
	[APG]	08.98-04.03 08.98-04.03 08.98-04.03 08.98-04.03 11.99- AC 11.99-	112002 114797 115482 115483 112075 111989	14 120 A47 14 120 A46 14 90 A49 14 120 A49 14 70 14 90	11.99-08.98-04.03 AT 11.99-	112005 115504 111909	12 1.1 12 1.1 A49 12 1.1
A3 1.8 TFSI	[BYT]				11.06-11.06-06.07	113773 114163	12 1.1 12 1.1
	[BZB]				DSG 04.08-01.09-11.06-06.07-01.09	115333 113773 114163	12 1.0 12 1.1 12 1.1
	[CDAA]				A24 01.09-05.13-07.08-	115611 114163	12 1.1 12 1.1





	[CJSA]					A25 04.12-	115818	12 1.1	
						AT 08.12-	115612	12 1.2	
						05.13-	115612	12 1.2	
						05.13-	115818	12 1.1	
						04.12-	115944	12 1.7	
	[CJSB]					05.13-	115612	12 1.2	
						05.13-	115818	12 1.1	
						05.13-	115944	12 1.7	
	[CNSB]					11.13-	115900	12 1.1	
A3 1.8 TFSi Quattro	[CDAA]					A24 07.08- 03.13	115611	12 1.1	
						07.08-	114163	12 1.1	
	[CJSB]					A25 03.14-	115561	12 1.7	
						08.12-	115612	12 1.2	
						08.12-	115818	12 1.1	
						08.12-	115944	12 1.7	
A3 1.8 TFSi Quattro Sportback	[CJSB]					05.13-	115612	12 1.2	
						05.13-	115818	12 1.1	
						05.13-	115944	12 1.7	
A3 1.8 TFSi Sportback	[BYT]					11.06-	113773	12 1.1	
						11.06- 06.07	114163	12 1.1	
						11.06- 06.07	115611	12 1.1	
	[BZB]					11.06-	113773	12 1.1	
						06.07- 06.08	114163	12 1.1	
	[CDAA]					A24 07.08- 03.13	115611	12 1.1	
						07.08-	114163	12 1.1	
	[CJSA]					A25 09.12-	115818	12 1.1	
						AT 09.12-	115612	12 1.2	
						09.12-	115944	12 1.7	
	[CJSB]					A25 09.12-	115818	12 1.1	
						AT 09.12-	115612	12 1.2	
						09.12-	115944	12 1.7	
A3 1.8 Turbo 20V	[AGU]	09.96- 05.98	111820	14 90		AT 12.96- 06.98	111748	12 1.1	
		12.96-	112075	14 70		07.98-	112005	12 1.1	
		05.98-	111989	14 90		12.96- 06.98	111749	12 1.1	
		05.98- 05.03	115482	14 90 A49		07.98- 05.03	115504	12 1.1	A49
	AC	05.98-	111989	14 90		AT 07.98-	111909	12 1.1	
	[AOA]	08.98-	112075	14 70		08.98-	112005	12 1.1	
		08.98- 05.03	115482	14 90 A49		AT 12.96-	114308	12 1.4	
		AC	08.98-	111989	14 90	AT 08.98-	115504	12 1.1	A49
						08.98- 05.03	111909	12 1.1	
	[ARZ]	07.99-	112075	14 70		07.99-	112005	12 1.1	
		07.99- 05.03	115482	14 90 A49		07.99- 05.03	115504	12 1.1	A49
	AC	07.99-	111989	14 90		AT 07.99-	111909	12 1.1	
	[AUM]	07.99-	112075	14 70		07.99-	112005	12 1.1	
		07.99- 05.03	115482	14 90 A49		07.99- 05.03	115504	12 1.1	A49
	AC	07.99-	111989	14 90		AT 07.99-	111909	12 1.1	
A3 1.8 Turbo	[AJQ]	05.98-	111989	14 90		AT 08.98- 08.00	111909	12 1.1	
		05.98-	112075	14 70		08.98- 08.00	115504	12 1.1	A49
		08.98-	112002	14 120 A47		08.98- 08.00	112005	12 1.1	
		08.98- 05.03	114797	14 120 A46					
		08.98- 08.00	115482	14 90 A49					
		08.98- 08.00	115483	14 120 A49					
	[APP]	08.98-	111989	14 90		AT 08.98- 05.00	111909	12 1.1	
		08.98-	112002	14 120 A47		08.98- 05.00	112005	12 1.1	
		08.98-	112075	14 70		08.98- 05.00	115504	12 1.1	A49
		08.98- 05.00	114797	14 120 A46					
		08.98- 05.00	115482	14 90 A49					
		08.98- 05.00	115483	14 120 A49					
	[ARY]	09.00-	112002	14 120 A47		09.00- 06.01	112005	12 1.1	
		09.00- 06.01	114797	14 120 A46		AT 09.00- 06.01	111909	12 1.1	
		09.00- 06.01	115482	14 90 A49		09.00- 06.01	115504	12 1.1	A49
		09.00- 06.01	115483	14 120 A49					
		05.01-	111989	14 90					
		05.01-	112075	14 70					
	[AUQ]	05.00- 06.03	112002	14 120 A47		5SP 05.00- 06.03	112005	12 1.1	
		05.00- 06.03	114797	14 120 A46		AT 05.00- 06.03	114308	12 1.4	
		05.00- 06.03	115482	14 90 A49		05.00- 06.03	115504	12 1.1	A49
		05.00- 06.03	115483	14 120 A49		AT 05.00- 06.03	111909	12 1.1	
		05.01- 04.02	111989	14 90		6SP 05.00- 06.03	112429	12 2.0	
		05.01- 04.02	112075	14 70					
A3 1.8 Turbo Quattro	[AGU]	08.97- 05.98	111820	14 90		AT 12.96- 06.98	111748	12 1.1	
		08.97- 08.00	112002	14 120 A47		AT 06.98- 08.00	111909	12 1.1	
		08.97- 08.00	114797	14 120 A46		06.98- 08.00	115504	12 1.1	A49
		05.98- 08.00	111989	14 90		12.96- 06.98	111749	12 1.1	
		05.98- 08.00	112075	14 70		06.98- 08.00	112005	12 1.1	
		05.98- 08.00	115482	14 90 A49					
		05.98- 08.00	115483	14 120 A49					
	[AJQ]	08.98- 08.00	111989	14 90		AT 08.98- 08.00	111909	12 1.1	
		08.98- 08.00	112075	14 70		08.98- 08.00	112005	12 1.1	
		08.98- 08.00	115482	14 90 A49		08.98- 08.00	115504	12 1.1	A49
	[AOA]	08.98- 04.01	111989	14 90		AT 08.98- 04.01	111909	12 1.1	
		08.98- 05.03	112002	14 120 A47		08.98- 04.01	112005	12 1.1	
		08.98- 04.01	112075	14 70		08.98- 04.01	115504	12 1.1	A49
		08.98- 05.03	114797	14 120 A46					
		08.98- 04.01	115482	14 90 A49					
		08.98- 04.01	115483	14 120 A49					
	[ARX]	10.99- 06.03	111820	14 90		AT 10.99- 06.03	111909	12 1.1	
		10.99- 06.03	111989	14 90		5SP 10.99- 06.03	112005	12 1.1	
		10.99- 06.03	112002	14 120 A47		6SP 10.99- 06.03	112429	12 2.0	
		10.99- 06.03	112075	14 70		10.99- 06.03	115504	12 1.1	A49
		10.99- 06.03	114797	14 120 A46					
		10.99- 06.03	115482	14 90 A49					
		10.99- 06.03	115483	14 120 A49					

## STARTERS & ALTERNATORS

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Application list

AUDI Continued

	[ARY]	09.00- 06.03 115482	14 90 A49		09.00-	112005	12 1.1
		09.00- 06.03 115483	14 120 A49		09.00-	112429	12 2.0
		05.98- 111989	14 90				
		05.98- 112075	14 70				
		10.98- 112002	14 120 A47				
		10.98- 05.03 114797	14 120 A46				
A3 1.9 TDi	[AGR]	09.96- 112002	14 120 A47		09.96-	111900	12 1.8
		09.96- 112079	14 90 A47	AT	09.96-	112286	12 1.7
		09.96- 07.01 114789	14 90 A49		09.96- 08.00	115503	12 1.8 A49
		09.96- 07.01 114797	14 120 A46				
		05.98- 113340	14 70				
		05.98- 08.00 115483	14 120 A49				
	[AHF]	09.96- 05.98 111353	14 70		01.97- 08.00	111900	12 1.8
		09.96- 05.98 111820	14 90	AT	01.97- 08.00	112286	12 1.7
		01.97- 08.00 112002	14 120 A47		01.97- 08.00	115503	12 1.8 A49
		01.97- 08.00 112079	14 90 A47				
		01.97- 08.00 114789	14 90 A49				
		01.97- 08.00 114797	14 120 A46				
		05.98- 08.00 113340	14 70				
		05.98- 08.00 115483	14 120 A49				
	[ALH]	09.96- 112002	14 120 A47		08.97-	111900	12 1.8
		09.96- 112079	14 90 A47	AT	08.97-	112286	12 1.7
		09.96- 07.01 114789	14 90 A49		08.97- 06.01	115503	12 1.8 A49
		09.96- 07.01 114797	14 120 A46				
		05.98- 113340	14 70				
		05.98- 06.01 115483	14 120 A49				
	[ASV]	09.99- 07.01 112002	14 120 A47		09.99- 06.01	111900	12 1.8
		09.99- 07.01 112079	14 90 A47	AT	09.99- 06.01	112286	12 1.7
		09.99- 06.01 113340	14 70		09.99- 06.01	115503	12 1.8 A49
		09.99- 07.01 114789	14 90 A49				
		09.99- 07.01 114797	14 120 A46				
		09.99- 06.01 115483	14 120 A49				
	[ASZ]	08.00- 05.03 112002	14 120 A47		08.00- 06.03	111900	12 1.8
		08.00- 05.03 112079	14 90 A47	AT	08.00- 06.03	111909	12 1.1
		08.00- 06.03 113340	14 70		08.00- 06.03	112429	12 2.0
		08.00- 05.03 114789	14 90 A49		08.00- 06.03	115503	12 1.8 A49
		08.00- 05.03 114797	14 120 A46		08.00- 06.03	115504	12 1.1 A49
		08.00- 06.03 115483	14 120 A49				
	[ATD]	10.00- 05.03 112002	14 120 A47	Chas. -8L-2045000	10.00- 09.01	111900	12 1.8
		10.00- 05.03 112079	14 90 A47		10.00- 06.03	115503	12 1.8 A49
		10.00- 05.03 113340	14 70				
		10.00- 05.03 114789	14 90 A49				
		10.00- 06.03 115483	14 120 A49				
	[AXR]	10.00- 112002	14 120 A47	Chas. 8L-2045001	10.00- 09.01	111900	12 1.8
		10.00- 112079	14 90 A47	6SP	10.00-	112429	12 2.0
		10.00- 113340	14 70		11.01- 06.03	115503	12 1.8 A49
		10.00- 05.03 114789	14 90 A49				
		10.00- 05.03 114797	14 120 A46				
		11.01- 06.03 115483	14 120 A49				
	[BKC]	05.03-	113992		05.03-	113842	12 2.0
					03.03- 05.10	115508	12 1.7 A49
	[BLS]	05.03- 05.10	113992		05.03- 05.10	113842	12 2.0
		04.08-	115370		05.03- 05.10	115508	12 1.7 A49
	[BXE]	05.03- 05.10	113992		05.03- 05.10	113842	12 2.0
					05.03- 05.10	115508	12 1.7 A49
A3 1.9 TDi Quattro	[ASZ]	05.00-	113340		05.00- 06.03	115504	12 1.1 A49
		05.00- 06.03 115483	14 120 A49	AT	05.00-	111909	12 1.1
		08.00- 112002	14 120 A47		05.00-	112429	12 2.0
		08.00- 112079	14 90 A47				
		08.00- 05.03 114789	14 90 A49				
		08.00- 05.03 114797	14 120 A46				
A3 1.9 TDi Sportback	[BKC]	09.04-	113992		09.04-	113842	12 2.0
		09.04- 05.10 115370	14 110		09.04- 05.10	115508	12 1.7 A49
	[BLS]	09.04- 05.10 113992	14 140		09.04- 05.10	113842	12 2.0
		09.04- 05.10 115370	14 110		09.04- 05.10	115508	12 1.7 A49
	[BXE]	09.04- 05.10 113992	14 140				
		09.04- 05.10 115370	14 110				
A3 2.0 Quattro	[CJXB]				A25 02.13-	115561	12 1.7
					02.13-	115900	12 1.1
	[CJXC]				A25 11.12-	115561	12 1.7
					11.12-	115900	12 1.1
	[CJXF]				A25 05.14-	115561	12 1.7
					03.14-	115561	12 1.7
					03.14-	115900	12 1.1
A3 2.0 Quattro Sportback	[CJXB]				A25 05.13-	115561	12 1.7
					05.13-	115900	12 1.1
	[CJXC]				A25 11.12-	115561	12 1.7
					11.12-	115900	12 1.1
	[CJXF]				A25 05.14-	115561	12 1.7
					05.14-	115900	12 1.1
A3 2.0 Sportback	[CDLC]	07.08-	113992		A41 07.08-	115333	12 1.0
A3 2.0 FSi	[AXW]	05.03-	113992		05.03-	113773	12 1.1
					03.03-	113842	12 2.0
					05.03-	114163	12 1.1
	[BLR]	05.03- 06.08 113992	14 140		05.03-	113773	12 1.1
					03.03-	113842	12 2.0
	[BLX]	05.03- 06.08 113992	14 140		05.03-	113773	12 1.1
					03.03-	113842	12 2.0
					06.04- 12.04	114163	12 1.1
	[BLY]	05.03- 06.08 113992	14 140		05.03-	113773	12 1.1
	[BMB]	05.03- 06.08 113992	14 140		05.03-	113773	12 1.1
	[BVV]	05.03-	113992		05.03-	113773	12 1.1
					10.03-	114163	12 1.1
	[BVZ]	05.03-	113992		05.03-	113773	12 1.1
A3 2.0 FSi Sportback	[AXW]	09.04- 06.08 113992	14 140		09.04- 06.08	113773	12 1.1
					09.04- 06.08	114163	12 1.1

## STARTERS & ALTERNATORS



	[BLR]	09.04-	113992	14 140	AT	09.04-01.05- 11.05	113773	12 1.1	
	[BLX]	09.04-	113992	14 140	AT	09.04-06.04- 01.05	113773	12 1.1	
	[BLY]	09.04-	113992	14 140		09.04- 11.05	113773	12 1.1	
	[BMB]	09.04-	113992	14 140	AT	09.04-01.04- 01.05	113773	12 1.1	
	[BVY]	09.04-	113992	14 140	AT	09.04-11.05-	113773	12 1.1	
	[BVZ]	09.04-	113992	14 140	AT	09.04-11.05-	113773	12 1.1	
A3 2.0 TFSI	[AXX]	09.04-	113992	14 140		09.04-	113773	12 1.1	
	[BWA]	09.05-	113992	14 140	DSG	09.04-08.12	115333	12 1.0	
	[CAWB]	02.08-	113992	14 140	DSG	09.05-08.12	115333	12 1.0	
	[CCZA]	04.08-05.13	114722	14 140	DSG	02.08-08.12	115333	12 1.0	
A3 2.0 TFSI Quattro	[AXX]	09.04-08.12	113992	14 140		09.04-	113773	12 1.1	
	[BWA]	09.05-08.12	113992	14 140	DSG	09.04-08.12	115333	12 1.0	
	[CCTA]				DSG	09.05-08.12	115333	12 1.0	
	[CNTC]				A41	09.05-08.12	115333	12 1.0	
A3 2.0 TFSI Sportback	[AXX]	09.04-10.05	113992	14 140		09.04-	113773	12 1.1	
	[BWA]	11.05-05.07	113992	14 140	DSG	09.04-10.05	115333	12 1.0	
	[CAWB]	09.05-	113992	14 140	DSG	11.05-05.07	115333	12 1.0	
	[CBFA]				DSG	09.05-	115333	12 1.0	
	[CCZA]				DSG	02.08-	115333	12 1.0	
A3 2.0 TFSI Sportback Quattro	[AXX]	09.04-	113992	14 140		A41 07.08-	115333	12 1.0	
	[BPY]	09.05-	113992	14 140		09.04-	113773	12 1.1	
	[BWA]	09.05-	113992	14 140	DSG	09.04-	115333	12 1.0	
	[CCZA]	07.08-	113992	14 140	DSG	09.05-	115333	12 1.0	
A3 2.0 TDi 16V	[BKD]	05.03-08.12	113992	14 140		A41 07.08-	115333	12 1.0	
	[CBAB]	05.03-08.12	115370	14 110		05.03-	113841	12 1.7	
		05.03-08.12	115433*	14 140		05.03-08.12	115311	12 1.7	
	[CFFB]	07.08-	113992	14 140		07.08-	113841	12 1.7	
		07.08-	115370	14 110		07.08-	115311	12 1.7	
		07.08-	115433*	14 140					
	[CLJA]	11.09-	113992	14 140		11.09-	113841	12 1.7	
		11.09-	115370	14 110		11.09-	115311	12 1.7	
		11.09-	115433*	14 140					
	[CLJA]	02.10-	113992	14 140		02.10-	113841	12 1.7	
		02.10-	115370	14 110		02.10-	115311	12 1.7	
		02.10-	115433*	14 140					
A3 2.0 TDi 16V Quattro	[BKD]	08.04-	113992	14 140	AT	08.04-	113509	12 2.0	
		08.04-08.12	115370	14 110		08.04-	113841	12 1.7	
		08.04-03.13	115433*	14 140		08.04-08.12	115311	12 1.7	
	[CBAB]	08.04-08.12	113992	14 140		08.04-	113842	12 2.0	
		08.04-08.12	115370	14 110	AT	08.04-08.12	115508	12 1.7	A49
		08.04-03.13	115433*	14 140		08.04-08.12	113509	12 2.0	
	[CFFB]	08.04-08.12	113992	14 140		08.04-08.12	113841	12 1.7	
		08.04-08.12	115370	14 110	AT	08.04-08.12	113841	12 1.7	
		08.04-03.13	115433*	14 140		08.04-08.12	115311	12 1.7	
						08.04-08.12	113842	12 2.0	
						08.04-08.12	115508	12 1.7	A49
A3 2.0 TDi 16V Sportback	[BKD]	09.04-	113992	14 140	AT	09.04-	113509	12 2.0	
		09.04-	115370	14 110		09.04-	113841	12 1.7	
		09.04-03.13	115433*	14 140		09.04-	115311	12 1.7	
	[CBAB]	09.04-	113992	14 140	AT	09.04-	113509	12 2.0	
		09.04-	115370	14 110		09.04-	113841	12 1.7	
		09.04-03.13	115433*	14 140		09.04-	115311	12 1.7	
	[CFFB]	09.04-	113992	14 140	AT	09.04-	113509	12 2.0	
		09.04-	115370	14 110		09.04-	113841	12 1.7	
		09.04-03.13	115433*	14 140		09.04-	115311	12 1.7	
	[CLJA]	09.04-	113992	14 140	AT	09.04-	113509	12 2.0	
		09.04-	115370	14 110		09.04-	113841	12 1.7	
		09.04-03.13	115433*	14 140		09.04-	115311	12 1.7	
A3 2.0 TDi	[AZV]	05.03-	113992	14 140		05.03-	113509	12 2.0	
		05.03-08.12	115370	14 110		05.03-	113841	12 1.7	
		05.03-08.12	115433*	14 140		05.03-08.12	115311	12 1.7	
	[BMM]	06.05-	113992	14 140		06.05-	113841	12 1.7	
		06.05-06.08	115370	14 110					
	[BMN]	03.06-	113992	14 140		03.06-08.12	113509	12 2.0	
		03.06-08.12	115370	14 110		03.06-	113841	12 1.7	
		03.06-08.12	115433*	14 140		03.06-08.12	115311	12 1.7	
	[BUY]	06.06-06.08	113992	14 140					
		06.06-06.08	115370	14 110					
	[CBAB]	04.08-	113992	14 140		04.08-05.13	113509	12 2.0	
		04.08-05.13	115433*	14 140		04.08-05.13	113841	12 1.7	
						04.08-	115311	12 1.7	
						04.08-	115402	12 1.8	
	[CBBB]	03.06-08.12	113992	14 140		03.06-08.12	113509	12 2.0	
		03.06-08.12	115370	14 110		03.06-08.12	113841	12 1.7	
		03.06-08.12	115433*	14 140		03.06-08.12	115311	12 1.7	
	[CBAA]	05.03-08.12	113992	14 140		05.03-05.13	113841	12 1.7	
		05.03-08.12	115370	14 110		04.08-	115311	12 1.7	
		05.03-05.13	115433*	14 140		05.03-05.13	113509	12 2.0	
		04.08-	114109	14 180					

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

AUDI Continued

	[CFFA]	05.03- 08.12	113992	14 140		05.03- 05.13	113509	12 2.0	
		05.03- 08.12	115370	14 110		05.03- 05.13	113841	12 1.7	
		05.03- 05.13	115433*	14 140		05.03- 08.12	115311	12 1.7	
		04.08-	114109	14 180					
	[CFFB]	04.08- 05.13	113992	14 140		04.08- 05.13	113509	12 2.0	
		04.08- 05.13	115433*	14 140		04.08- 05.13	113841	12 1.7	
						04.08- 05.13	115311	12 1.7	
						04.08- 05.13	115402	12 1.8	
	[CFGB]	03.06- 08.12	113992	14 140		03.06- 08.12	113509	12 2.0	
		03.06- 08.12	115370	14 110		03.06- 08.12	113841	12 1.7	
		03.06- 08.12	115433*	14 140		03.06- 08.12	115311	12 1.7	
	[CRBC]				A25	08.12-	115402	12 1.8	
						04.12-	115638	12 1.7	
						04.12-	116097*	12 2.0	
	[CRBD]					05.13-	115638	12 1.7	
						05.13-	116097*	12 2.0	
	[CRFA]				A25	01.13-	115402	12 1.8	
						01.13-	115311	12 1.7	
						01.13-	115638	12 1.7	
						01.13-	116097*	12 2.0	
	[CRFC]				A25	08.12-	115402	12 1.8	
						10.13-	115402	12 1.8	
						09.12-	115638	12 1.7	
						09.12-	116097*	12 2.0	
	[CRLB]				A25	08.12-	115402	12 1.8	
						04.12-	115638	12 1.7	
						04.12-	116097*	12 2.0	
	[CRLC]				A25	10.13-	115402	12 1.8	
						05.13-	115638	12 1.7	
						05.13-	116097*	12 2.0	
	[CRUA]				A25	05.13-	115402	12 1.8	
						04.12-	115638	12 1.7	
						04.12-	116097*	12 2.0	
	[CUNA]				A25	12.12-	115402	12 1.8	
						05.14-	115402	12 1.8	
						05.13-	116097*	12 2.0	
A3 2.0 TDi Quattro	[AZV]	05.03-	113992	14 140	AT	05.03-	113509	12 2.0	
		05.03- 06.08	115370	14 110		05.03-	113841	12 1.7	
						05.03-	113842	12 2.0	
						05.03- 06.08	115508	12 1.7	A49
	[BMM]	01.06-	113992	14 140		01.06-	113841	12 1.7	
		01.06- 06.08	115370	14 110					
	[BMN]	03.06-	113992	14 140		03.06- 08.12	113509	12 2.0	
		03.06- 08.12	115370	14 110		03.06-	113841	12 1.7	
		03.06- 08.12	115433*	14 140		03.06- 08.12	115311	12 1.7	
	[CBBB]	03.06- 08.12	113992	14 140		03.06- 08.12	113509	12 2.0	
		03.06- 08.12	115370	14 110		03.06- 08.12	113841	12 1.7	
		03.06- 08.12	115433*	14 140		03.06- 08.12	115311	12 1.7	
	[CFGB]	03.06- 08.12	113992	14 140		03.06- 08.12	113509	12 2.0	
		03.06- 08.12	115370	14 110		03.06- 08.12	113841	12 1.7	
		03.06- 08.12	115433*	14 140		03.06- 08.12	115311	12 1.7	
	[CRBC]				A25	10.12-	115402	12 1.8	
						10.13-	115402	12 1.8	
						10.12-	116097*	12 2.0	
	[CRLB]				A25	03.14-	115402	12 1.8	
						10.13-	115402	12 1.8	
						03.14-	115638	12 1.7	
						10.13-	116097*	12 2.0	
	[CUNA]				A25	12.12-	115402	12 1.8	
						12.12-	116097*	12 2.0	
A3 2.0 TDi Quattro Sportback	[CRBC]				A25	01.13-	115402	12 1.8	
						02.13-	116097*	12 2.0	
	[CRLB]				A25	01.13-	115402	12 1.8	
						02.13-	116097*	12 2.0	
	[CUNA]				A25	11.12-	115402	12 1.8	
						11.12-	116097*	12 2.0	
A3 2.0 TDi Sportback	[AZV]	09.04-	113992	14 140	AT	09.04-	113509	12 2.0	
		09.04-	115370	14 110		09.04- 03.13	113841	12 1.7	
		09.04- 03.13	115433*	14 140		09.04-	113842	12 2.0	
						09.04-	115311	12 1.7	
						09.04-	115508	12 1.7	A49
	[CBAA]	09.04- 03.13	113992	14 140		09.04- 03.13	113509	12 2.0	
		09.04- 03.13	115370	14 110		09.04- 03.13	113841	12 1.7	
		09.04- 03.13	115433*	14 140		09.04- 03.13	113842	12 2.0	
						09.04- 03.13	115311	12 1.7	
						09.04- 03.13	115508	12 1.7	A49
	[CFFA]	09.04- 03.13	113992	14 140		09.04- 03.13	113509	12 2.0	
		09.04- 03.13	115370	14 110		09.04- 03.13	113841	12 1.7	
		09.04- 03.13	115433*	14 140		09.04- 03.13	113842	12 2.0	
						09.04- 03.13	115508	12 1.7	A49
	[CRBC]				A25	09.12-	115402	12 1.8	
						09.12-	115311	12 1.7	
						09.12-	115638	12 1.7	
						09.12-	116097*	12 2.0	
	[CRFA]					05.13-	115638	12 1.7	
	[CRFC]				A25	03.13-	115402	12 1.8	
						03.13-	115311	12 1.7	
						03.13-	115638	12 1.7	
						03.13-	116097*	12 2.0	
	[CRLB]				A25	09.12-	115402	12 1.8	
						09.12-	115638	12 1.7	
						09.12-	116097*	12 2.0	
	[CRUA]				A25	09.12-	115402	12 1.8	
						09.12-	115638	12 1.7	
						09.12-	116097*	12 2.0	

## STARTERS & ALTERNATORS



A3 2.0 TDi Sportback Quattro	[BMM]	06.05- 06.05- 06.08	113992 115370	14 140 14 110		06.05-	113841	12 1.7
	[BMN]	03.06-	113992	14 140		03.06- 03.13	113509	12 2.0
		03.06-	115370	14 110		03.06-	113841	12 1.7
		03.06- 03.13	115433*	14 140		03.06-	115311	12 1.7
		03.06- 03.13	115621	14 110				
	[CBBB]	03.06- 03.13	113992	14 140		03.06- 03.13	113509	12 2.0
		03.06- 03.13	115370	14 110		03.06- 03.13	113841	12 1.7
		03.06- 03.13	115433*	14 140		03.06- 03.13	115311	12 1.7
		03.06- 03.13	115621	14 110				
	[CFGB]	03.06- 03.13	113992	14 140		03.06- 03.13	113509	12 2.0
		03.06- 03.13	115370	14 110		03.06- 03.13	113841	12 1.7
		03.06- 03.13	115433*	14 140		03.06- 03.13	115311	12 1.7
03.06- 03.13		115621	14 110					
A3 2.0 TDi Sportsback	[CRBD]				05.13-	115638	12 1.7	
					05.13-	116097*	12 2.0	
	[CRLC]				05.13-	115638	12 1.7	
					05.13-	116097*	12 2.0	
	[CUNA]				A25 05.13-	115402	12 1.8	
					05.13-	116097*	12 2.0	
A3 2.5 RS3 quattro Sportback	[CEPA]	04.11-	113992	14 140		04.11-	115638	12 1.7
A3 3.2 Quattro	[BMJ]	07.03-	113992	14 140	A18 07.03-	113509	12 2.0	
					07.03-	113841	12 1.7	
A3 3.2 V6 Quattro	[BDB]	07.03-	113992	14 140	A18 07.03-	113509	12 2.0	
					07.03-	113841	12 1.7	
	[BUB]	07.03- 05.09	113992	14 140	A18 07.03- 05.09	113509	12 2.0	
					07.03- 05.09	113841	12 1.7	
A3 3.2 V6 Sportback Quattro	[BMJ]	09.04-	113992	14 140	A18 09.04-	113509	12 2.0	
					09.04-	113841	12 1.7	
	[BUB]	09.04- 05.09	113992	14 140	A18 09.04- 05.09	113509	12 2.0	
					09.04- 05.09	113841	12 1.7	
A4 1.6	[ADP]	11.94- 10.96 01.95- 07.00	111478 113882	14 90 14 120		11.94- 10.96	112321	12 1.1
	[AHL]	11.94- 07.97	111478	14 90		10.96-	112321	12 1.1
		01.95- 07.00	113882	14 120				
		10.96-	112399	14 90				
		01.99-	113283	14 120				
	[ALZ]	07.00- 09.01	112399	14 90	Chas. 8E-5-030001-	11.00- 12.04	114179	12 1.2
		07.00- 09.01	113283	14 120	Chas. -8E-5-030000	07.00- 09.01	112321	12 1.1
		07.00- 12.04	113882	14 120				
	[ANA]	11.94-	111478	14 90		11.94- 10.96	112321	12 1.1
		01.95- 07.00	113882	14 120				
		08.98-	112399	14 90				
		08.98-	113283	14 120				
[ARM]	11.94-	111478	14 90		08.98-	112321	12 1.1	
	01.95- 07.00	113882	14 120					
	08.98-	112399	14 90					
	08.98-	113283	14 120					
A4 1.8	[ADR]	11.94- 07.97	111478	14 90		11.94-	112321	12 1.1
		11.94-	112399	14 90				
		01.99-	113283	14 120				
	[AFY]	04.95- 07.97	111478	14 90		04.95- 09.01	112321	12 1.1
		08.97- 09.01	112399	14 90				
		01.99- 09.01	113283	14 120				
	[APT]	08.97-	112399	14 90		11.94-	112321	12 1.1
		01.99-	113283	14 120				
	[ARG]	08.97- 07.99	112399	14 90		11.94- 07.99	112321	12 1.1
		08.98- 07.99	113283	14 120				
	[AVV]	06.00-	112399	14 90		06.00-	112321	12 1.1
		06.00-	113283	14 120				
A4 1.8 Quattro	[ADR]	11.94- 12.98	111478	14 90		11.94-	112321	12 1.1
		08.97-	112399	14 90				
		01.99-	113283	14 120				
	[AFY]	07.95- 12.98	111478	14 90		07.95- 09.01	112321	12 1.1
		08.97- 09.01	112399	14 90				
		01.99- 09.01	113283	14 120				
	[APT]	08.97-	112399	14 90		11.94-	112321	12 1.1
		01.99-	113283	14 120				
[ARG]	08.97-	112399	14 90		11.94-	112321	12 1.1	
	08.98-	113283	14 120					
A4 1.8 TFSI	[CABA]	01.08- 05.08	115367	14 140		01.08- 05.08	115394	12 1.1
						01.08- 05.08	115733	12 1.7
	[CABB]	11.07- 05.08	115367	14 140		11.07- 05.08	115394	12 1.1
	[CAUA]	11.07- 05.08	115367	14 140		11.07- 05.08	115394	12 1.1
	[CCUA]	11.07-	115367	14 140		04.08-	115394	12 1.1
	[CDHA]	06.08-	115367	14 140		06.08-	115394	12 1.1
						06.08-	115733	12 1.7
	[CDHB]	11.07-	115367	14 140		04.08-	115394	12 1.1
	[CJEB]					11.11-	115394	12 1.1
A4 1.8 TFSI Quattro	[CDHB]	09.08-	115367	14 140		09.08-	115394	12 1.1
	[CJEB]					11.11-	115394	12 1.1
A4 1.8 Turbo	[AEB]	11.94- 07.97	111478	14 90		11.94- 07.98	112321	12 1.1
	[AJL]	08.97- 12.98	111478	14 90		08.97-	112321	12 1.1
		08.97-	112399	14 90				
		01.99-	113283	14 120				
	[AMB]	07.01-	113878	14 120	Chas. -8E-5-030000	07.01-	112321	12 1.1
					Chas. 8E-5-030001-	07.01- 12.04	114179	12 1.2
	[ANB]	05.99-	112399	14 90		11.94- 07.98	112321	12 1.1
		05.99-	113283	14 120				
	[APU]	11.94- 07.97	111478	14 90		11.94- 07.98	112321	12 1.1
		08.98-	112399	14 90				
		08.98-	113283	14 120				
	[ARK]	08.98- 07.99	112399	14 90		11.94- 12.98	112321	12 1.1
	08.98- 07.99	113283	14 120					
[AVJ]	11.00- 07.02	113882	14 120		11.00-	112321	12 1.1	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

AUDI Continued

	[AWT]	06.00- 06.00-	112399 113283	14 90 14 120		11.94- 07.98	112321	12 1.1
	[BEX]				Chas. -8E-5-030000 Chas. 8E-5-030001-	11.02- 06.04 11.02- 12.04	112321 114179	12 1.1 12 1.2
	[BFB]	07.02-	113878	14 120	Chas. 8E-5-030001- Chas. -8E-5-030000	07.02- 12.04 07.02-	114179 112321	12 1.2 12 1.1
	[BKB]	07.02-	113878	14 120	Chas. -8E-5-030000 Chas. 8E-5-030001-	07.02- 12.04 07.02- 12.04	112321 114179	12 1.1 12 1.2
A4 1.8 Turbo Quattro	[AEB]	10.95- 07.98	111478	14 90		01.95- 07.98	112321	12 1.1
	[AJL]	08.97- 12.98 08.97- 01.99-	111478 112399 113283	14 90 14 90 14 120		08.97-	112321	12 1.1 12 1.1 12 1.1
	[AMB]	07.01-	113878	14 120	Chas. -8E-5-030000 Chas. 8E-5-030001-	07.01- 07.01- 12.04	112321 114179	12 1.1 12 1.2
	[ANB]	07.99- 07.99-	112399 113283	14 90 14 120		01.95- 07.98	112321	12 1.1 12 1.1
	[APU]	02.96- 07.98 02.99- 02.99-	111478 112399 113283	14 90 14 90 14 120		01.95- 07.98	112321	12 1.1 12 1.1 12 1.1
	[ARK]	01.99- 07.99 01.99- 07.99	112399 113283	14 90 14 120		01.95- 07.98	112321	12 1.1 12 1.1
	[AVJ]					11.00-	112321	12 1.1
	[AWT]	06.00- 06.00-	112399 113283	14 90 14 120		01.95- 07.98	112321	12 1.1 12 1.1
	[BEX]				Chas. -8E-5-030000 Chas. 8E-5-030001-	11.02- 06.04 11.02- 12.04	112321 114179	12 1.1 12 1.2
	[BFB]	07.02-	113878	14 120	Chas. -8E-5-030000 Chas. 8E-5-030001-	04.02- 06.04 04.02- 12.05	112321 114179	12 1.1 12 1.2
A4 1.9 Hybrid Duo	[AHU]	02.99- 11.00	112397	14 120			111694	12 1.8
A4 1.9 Diesel	[AFF]	11.94- 03.96- 06.00 03.96- 06.00	112045 112396 112397	14 120 14 90 14 120	Chas. 8DS040001-	03.96- 03.96- 03.96-	111694 111995 112309	12 1.8 12 2.0 12 1.4
A4 1.9 TDi	[1Z]	11.94- 12.98 01.99- 01.99-	112045 112396 112397	14 120 14 90 14 120		11.94- 07.96	111694	12 1.8 12 1.1 12 1.1
	[AFN]	11.94- 12.98 02.96- 02.96- 02.96- 07.99	112045 112396 112397 113770	14 120 14 90 14 120 14 120		02.96- 12.98	111694	12 1.8 12 1.1 12 1.1 12 1.1
	[AHH]	04.97-	112806	14 120		01.95- 07.97	111694	12 1.8
	[AHU]	08.96- 07.98 08.96- 12.98 08.96- 08.96- 08.96- 07.98 08.96- 07.98	112002 112045 112396 112397 114797 115483	14 120 A47 14 120 14 90 14 120 14 120 A46 14 120 A49		08.96- 12.98	111694	12 1.8 12 1.1 12 1.1 12 1.1 12 1.1 12 1.1
	[AJM]	01.98- 12.98 01.98- 11.00 08.98- 08.98-	112045 113770 112396 112397	14 120 14 120 14 90 14 120		01.98- 12.98	111694	12 1.8 12 1.1 12 1.1 12 1.1
	[AVB]	05.01- 11.01- 11.01- 12.04	113252 112397 113882	14 140 14 120 14 120		05.01-	111694	12 1.8 12 1.1 12 1.1
	[AVF]	11.00- 12.04 04.01- 04.01- 12.04	113882 113252 113992	14 120 14 140 14 140		09.01- 12.04	114171	12 1.7 12 1.1 12 1.1
	[AVG]	11.94- 08.99- 08.99-	112045 112396 112397	14 120 14 90 14 120		02.96-	111694	12 1.8 12 1.1 12 1.1
	[AWX]	11.00- 12.04 09.01-	113882 113252	14 120 14 140		11.00- 12.04 5SP 12.00- 06.03	114171 111694	12 1.7 12 1.8 12 1.1
	[BKE]	06.04- 12.04	113992	14 140		06.04-	111694	12 1.8
	[BRB]	11.04-	113992	14 140		AT 01.06-	114177	12 2.0
A4 1.9 TDi Quattro	[AFN]	09.96-	112045	14 120		07.96-	111694	12 1.8
	[AJM]	03.00- 09.01 01.98- 12.98 12.98- 12.98-	113770 112045 112396 112397	14 120 14 120 14 90 14 120		01.98- 12.98	111694	12 1.8 12 1.1 12 1.1 12 1.1
	[ATJ]	01.98- 12.98 12.98- 12.98-	112045 112396 112397	14 120 14 90 14 120		01.98- 09.01	111694	12 1.8 12 1.1 12 1.1
	[AVF]	11.01- 11.01-	112397 113252	14 120 14 140		09.01- 12.04	114171	12 1.7 12 1.1
	[AVG]	09.96- 08.99- 06.00 08.99-	112045 112396 112397	14 120 14 90 14 120		07.96-	111694	12 1.8 12 1.1 12 1.1
A4 2.0	[ALT]	11.00- 12.04 09.04-	113882 113878	14 120 14 120	Chas. 8E-5-030001- Chas. -8E-5-030000	11.00- 12.05 11.00- 06.04	114179 112321	12 1.2 12 1.1
A4 2.0 FSI	[AWA]	07.02- 07.02- 12.04	113878 113882	14 120 14 120	Chas. 8E-5-030001- Chas. -8E-5-030000	07.02- 12.04 07.02-	114179 112321	12 1.2 12 1.1
	[BPJ]					10.06-	115947	12 1.1
	[BYK]	10.06-	114722	14 140		AT 10.06- 10.06-	114179 115947	12 1.2 12 1.1
A4 2.0 TFSI	[BGB]	11.04-	114722	14 140		AT 11.04- 11.04-	114179 115947	12 1.2 12 1.1
	[BPG]	11.04-	114722	14 140		AT 11.04- 11.04-	114179 115947	12 1.2 12 1.1
	[BUL]	06.05-	114722	14 140		AT 06.05- 06.05-	114179 115947	12 1.2 12 1.1
	[BWE]	11.04-	114722	14 140		AT 11.04- 11.04-	114179 115947	12 1.2 12 1.1
	[BWT]	01.06-	114722	14 140		AT 01.06- 01.06-	114179 115947	12 1.2 12 1.1
	[CADA]	06.08-	115367	14 140		06.08- 06.08-	115394 115733	12 1.1 12 1.7





	[CAEA]	06.08-	115367	14 140		06.08-	115394	12 1.1
						06.08-	115733	12 1.7
	[CAEB]	06.08-	115367	14 140		06.08-	115394	12 1.1
						06.08-	115733	12 1.7
	[CAED]					05.13-	115394	12 1.1
						05.13-	115733	12 1.7
	[CDNB]	06.08-	115367	14 140		06.08-	115394	12 1.1
						06.08-	115733	12 1.7
	[CDNC]	06.08-	115367	14 140		06.08-	115394	12 1.1
						06.08-	115733	12 1.7
	[CFKA]	06.08-	115367	14 140		06.08-	115394	12 1.1
						06.08-	115733	12 1.7
	[CNCD]					05.13-	115394	12 1.1
		10.05-	113878	14 120		10.05-	112321	12 1.1
		10.05-	114722	14 140		10.05-	114179	12 1.2
A4 2.0 TFSi Flexfuel	[CFKA]					11.09-	115394	12 1.1
						11.09-	115733	12 1.7
A4 2.0 TFSi Flexfuel Quattro	[CFKA]					11.09-	115394	12 1.1
						11.09-	115733	12 1.7
A4 2.0 TFSi Quattro	[BGB]	11.04-	114722	14 140	AT	11.04-	114179	12 1.2
						11.04-	115947	12 1.1
	[BPG]	11.04-	114722	14 140	AT	11.04-	114179	12 1.2
						11.04-	115947	12 1.1
	[BUL]	06.05-	114722	14 140	AT	06.05-	114179	12 1.2
						06.05-	115947	12 1.1
	[BWE]	11.04-	114722	14 140	AT	11.04-	114179	12 1.2
						11.04-	115497	
						09.05-	115947	12 1.1
	[BWT]	11.04-	114722	14 140	AT	11.04-	114179	12 1.2
						11.04-	115497	
						06.06-	115947	12 1.1
	[CAEB]	06.08-	115367	14 140		06.08-	115394	12 1.1
						06.08-	115733	12 1.7
	[CAED]					05.13-	115394	12 1.1
						05.13-	115733	12 1.7
	[CDNC]	06.08-	115367	14 140		06.08-	115394	12 1.1
						06.08-	115733	12 1.7
	[CNCD]					05.13-	115394	12 1.1
						05.13-	115733	12 1.7
	[CPMA]	06.08-	115367	14 140		06.08-	115394	12 1.1
						06.08-	115733	12 1.7
	[CPMB]					05.13-	113594	12 0.6
						05.13-	115394	12 1.1
						05.13-	115733	12 1.7
A4 2.0 TDi 16V	[BLB]	11.04-	113992	14 140		11.04-	114096	12 2.0
					AT	11.04-	114177	12 2.0
	[BRE]	11.04-	113992	14 140		11.04-	114096	12 2.0
					AT	11.04-	114177	12 2.0
A4 2.0 TDi	[BNA]	11.04- 10.05	113992	14 140		11.04- 10.05	114096	12 2.0
					AT	11.04- 10.05	114177	12 2.0
	[BPW]	11.04-	113992	14 140		11.04-	114096	12 2.0
					AT	11.04-	114177	12 2.0
	[BRC]	01.06-	113992	14 140		01.06-	114096	12 2.0
	[BRD]	06.06-	113992	14 140		06.06-	114096	12 2.0
					AT	06.06-	114177	12 2.0
	[BRF]	11.05-	113992	14 140		11.05-	114096	12 2.0
					AT	11.05-	114177	12 2.0
	[BVA]	06.06-	113992	14 140		06.06-	114096	12 2.0
					AT	06.06-	114177	12 2.0
	[BVG]	09.05- 09.06	113992	14 140		09.05- 09.06	114177	12 2.0
	[CAGA]	11.07-	114322	14 140		11.07-	115635	12 1.7
					A25	11.07-	115636	12 1.7
	[CAGB]	11.07-	114322	14 140		11.07-	115635	12 1.7
					A25	11.07-	115636	12 1.7
	[CAGC]	06.08-	114322	14 140		06.08-	115635	12 1.7
					A25	06.08-	115636	12 1.7
	[CAHA]	01.08-	114322	14 140		01.08-	115635	12 1.7
					A25	01.08-	115636	12 1.7
	[CAHB]	08.08-	114322	14 140		08.08-	115635	12 1.7
					A25	08.08-	115636	12 1.7
	[CGLC]					11.11-	115635	12 1.7
					A25	11.11-	115636	12 1.7
	[CGLD]	08.08-	114322	14 140		08.08-	115635	12 1.7
					A25	08.08-	115636	12 1.7
	[CJCA]	11.07-	114322	14 140		11.07-	115635	12 1.7
					A25	11.07-	115636	12 1.7
	[CJCB]	11.07-	114322	14 140		11.07-	115635	12 1.7
					A25	11.07-	115636	12 1.7
	[CJCC]	06.08-	114322	14 140		06.08-	115635	12 1.7
					A25	06.08-	115636	12 1.7
	[CJCD]					05.13-	115635	12 1.7
					A25	05.13-	115636	12 1.7
	[CMEA]	11.07-	114322	14 140		11.07-	115635	12 1.7
					A25	11.07-	115636	12 1.7
	[CMFA]	11.07-	114322	14 140		11.07-	115635	12 1.7
					A25	11.07-	115636	12 1.7
	[CMFB]					05.13-	115635	12 1.7
					A25	05.13-	115636	12 1.7
	[CMGB]					11.11-	115635	12 1.7
					A25	11.11-	115636	12 1.7
	[CNHC]	08.08-	114322	14 140		08.08-	115635	12 1.7
						08.08-	115636	12 1.7
	[CSUA]					05.13-	115635	12 1.7
						05.13-	115636	12 1.7
	[CSUB]	11.07-	114322	14 140		11.07-	115635	12 1.7
						11.07-	115636	12 1.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**AUDI** Continued

A4 2.0 TDi Quattro	[BPW]	01.06-	113992	14 140		01.06-	114096	12 2.0
						AT 01.06-	114177	12 2.0
	[BRD]	06.06-	113992	14 140		06.06-	114096	12 2.0
						AT 06.06-	114177	12 2.0
	[BVA]	06.06-	113992	14 140		06.06-	114096	12 2.0
						AT 06.06-	114177	12 2.0
	[CAGA]	04.08-	114322	14 140		04.08-	115635	12 1.7
						A25 04.08-	115636	12 1.7
	[CAGB]	09.09-	114322	14 140		09.09-	115635	12 1.7
						A25 09.09-	115636	12 1.7
	[CAHA]	08.08-	114322	14 140		08.08-	115635	12 1.7
						A25 08.08-	115636	12 1.7
	[CAHB]	04.09-	114322	14 140		04.09-	115635	12 1.7
						A25 04.09-	115636	12 1.7
	[CGLC]					11.11-	115635	12 1.7
						A25 11.11-	115636	12 1.7
	[CGLD]	04.09-	114322	14 140		04.09-	115635	12 1.7
						A25 04.09-	115636	12 1.7
	[CJCA]	04.08-	114322	14 140		04.08-	115635	12 1.7
						A25 04.08-	115636	12 1.7
[CJCB]	09.09-	114322	14 140		09.09-	115635	12 1.7	
					A25 09.09-	115636	12 1.7	
[CJCD]					05.13-	115635	12 1.7	
					A25 05.13-	115636	12 1.7	
					05.13-	115636	12 1.7	
[CSUA]					05.13-	115635	12 1.7	
					A25 05.13-	115636	12 1.7	
					05.13-	115636	12 1.7	
A4 2.0 TDi Quattro Allroad	[CGLC]					11.11-	115635	12 1.7
					A25 11.11-	115636	12 1.7	
A4 2.4	[AGA]	03.97- 07.98	112806	14 120		08.97- 07.98	111769	12 1.4
	[AJG]	08.97- 07.98	112806	14 120		08.97- 07.98	111769	12 1.4
	[ALF]	03.97- 07.98	112806	14 120		08.97- 07.98	111769	12 1.4
	[AML]					08.98- 12.98	111769	12 1.4
	[AMM]	06.00- 10.00	112399	14 90		06.00- 10.00	111769	12 1.4
		04.01- 12.05	113751	14 120				
		09.01-	113510	14 140				
	[APS]	08.98- 07.99	112399	14 90		08.98- 10.00	111769	12 1.4
	[APZ]					08.98- 06.00	111769	12 1.4
	[ARJ]	08.98- 06.00	112399	14 90		08.98- 06.00	111769	12 1.4
[BDV]		09.01-	113510	14 140		09.01-	111769	12 1.4
		09.01- 12.05	113751	14 120				
		09.01- 12.04	113882	14 120				
A4 2.4 Quattro	[AGA]	03.97-	112806	14 120		08.97- 07.98	111769	12 1.4
	[ALF]	03.97-	112806	14 120		08.97- 07.98	111769	12 1.4
	[AML]					08.98- 12.98	111769	12 1.4
	[APS]					08.98- 10.00	111769	12 1.4
	[APZ]					08.98- 09.01	111769	12 1.4
A4 2.4 30V Quattro	[ARJ]					08.98- 06.00	111769	12 1.4
	[AGA]	03.97-	112806	14 120		08.97- 07.98	111769	12 1.4
	[ALF]	03.97-	112806	14 120		08.97- 07.98	111769	12 1.4
	[AML]					08.98- 12.98	111769	12 1.4
	[APS]					08.98- 10.00	111769	12 1.4
A4 2.5 TDi	[ARJ]					08.98- 06.00	111769	12 1.4
	[AFB]	09.97- 11.00	113758	14 120		09.97-	111995	12 2.0
	[AKN]	09.97- 11.00	113758	14 120		09.97-	111995	12 2.0
	[AYM]	08.01-	113510	14 140		08.01-	111995	12 2.0
		08.01- 07.02	113882	14 120				
	[BCZ]	08.02- 12.05	113510	14 140		06.03- 12.04	111995	12 2.0
	[BDG]	08.02- 12.05	113510	14 140	Chas. 8E-1-000001-	06.03- 12.04	111995	12 2.0
		Chas. 8E-1-000001-	11.04-	113510	14 140			
A4 2.5 TDi Quattro	[BFC]	07.02- 12.05	113510	14 140		08.02- 12.04	111995	12 2.0
	[AFB]					09.97-	111995	12 2.0
	[AKE]	11.00-	113510	14 140		11.00-	111995	12 2.0
	[AKN]					09.97-	111995	12 2.0
	[BAU]	09.01-	113510	14 140		11.00-	111995	12 2.0
	[BDH]	09.01-	113510	14 140		11.00-	111995	12 2.0
A4 2.5 TDi S4	[AFB]	09.97- 09.01	113758	14 120		09.97-	111995	12 2.0
	[AKN]	09.97- 09.01	113758	14 120		09.97-	111995	12 2.0
A4 2.5 TDi S4 Quattro	[AFB]	09.97- 09.01	113758	14 120		09.97-	111995	12 2.0
	[AKN]	09.97- 09.01	113758	14 120		09.97-	111995	12 2.0
A4 2.6	[ABC]	01.95-	112806	14 120	Chas. 8D.V.205001-	04.97- 07.98	111769	12 1.4
A4 2.6 Quattro						11.94-	112309	12 1.4
						04.97- 07.98	111769	12 1.4
						11.94-	112309	12 1.4
A4 2.7 S4 Quattro	[AGB]				Chas. T080001-	09.97-	111769	12 1.4
						09.97-	111769	12 1.4
A4 2.7 RS4 Quattro	[ASJ]					05.00-	111769	12 1.4
	[AZR]					05.00- 09.01	111769	12 1.4
A4 2.7 TDi	[BPP]	01.06-	115856	14 150		01.06-	114094	12 2.2
		01.06-	115859	14 140				
	[BSG]	11.05- 03.08	115856	14 150		11.05- 03.08	114094	12 2.2
		11.05- 03.08	115859	14 140				
	[CAMA]	11.07- 05.08	114780	14 140		11.07- 05.08	115948	12 2.2
		11.07- 05.08	115631	14 150				
	[CAMB]	11.07-	114780	14 140		11.07-	115948	12 2.2
		11.07-	115631	14 150				
	[CGKA]	04.08-	114780	14 140		04.08-	115948	12 2.2
		04.08-	115631	14 150				
[CGKB]	11.07-	114780	14 140		11.07-	115948	12 2.2	
	11.07-	115631	14 150					
A4 2.8	[APR]	08.98- 07.99	112806	14 120		08.98-	111769	12 1.4
		08.98- 06.00	113751	14 120		08.98- 07.99	112309	12 1.4
	[ACK]	03.96- 07.98	112806	14 120		04.97-	111769	12 1.4
		10.96-	113751	14 120		03.96- 04.97	112309	12 1.4

## STARTERS & ALTERNATORS



	[AHA]	03.96- 12.98	113751	14 120		08.98- 07.99	112309	12 1.4
		08.98- 07.99	112806	14 120		03.96- 07.99	111769	12 1.4
	[ALG]	10.96-	113751	14 120		03.96- 07.98	112309	12 1.4
		05.97-	112806	14 120		04.97-	111769	12 1.4
	[AMX]	05.00- 09.02	113751	14 120		07.99- 10.00	112309	12 1.4
		07.99- 10.00	112806	14 120		07.98-	111769	12 1.4
	[AQD]	08.98- 07.99	112806	14 120		08.98-	111769	12 1.4
		08.98- 06.00	113751	14 120		08.98- 07.99	112309	12 1.4
	[AAH]	09.95- 09.96	112806	14 120	Chas. 8D.V.205001-	04.97- 07.97	111769	12 1.4
						11.94- 09.96	112309	12 1.4
A4 2.8 Quattro	[APR]	02.99- 06.00	112806	14 120		08.98-	111769	12 1.4
						02.99- 06.00	112309	12 1.4
	[ACK]	03.96-	112806	14 120		04.97- 07.98	111769	12 1.4
						03.96- 04.97	112309	12 1.4
	[AHA]	03.96- 07.98	112806	14 120		03.96- 07.98	111769	12 1.4
						03.96- 07.98	112309	12 1.4
	[ALG]	10.96-	112806	14 120		05.97- 07.98	111769	12 1.4
						03.96-	112309	12 1.4
	[AMX]	07.99- 09.01	112806	14 120		07.98-	111769	12 1.4
						10.96- 09.01	112309	12 1.4
	[AQD]	08.98- 06.00	112806	14 120	Eng. 8D-V205001-	08.98-	111769	12 1.4
						08.98- 06.00	112309	12 1.4
	[AAH]	11.94- 09.96	112806	14 120		11.94- 12.96	112309	12 1.4
A4 3.0	[ASN]	11.00-	113510	14 140		11.00- 12.05	111769	12 1.4
		11.00- 12.04	113882	14 120	AT	11.00- 12.04	111694	12 1.8
		12.00- 12.05	113751	14 120				
	[AVK]	11.00-	113510	14 140	AT	11.00-	111694	12 1.8
						11.00-	111769	12 1.4
	[BBJ]	04.01-	113510	14 140		04.01-	111769	12 1.4
		04.01- 05.06	113751	14 120				
		04.01- 12.04	113882	14 120				
A4 3.0 Quattro	[ASN]	11.00- 12.05	113510	14 140		11.00- 12.05	111769	12 1.4
		12.00- 12.05	113751	14 120	AT	11.00- 12.04	111694	12 1.8
	[AVK]	09.01-	113510	14 140		11.00- 12.04	111769	12 1.4
		09.01- 06.02	113751	14 120	AT	11.00- 12.04	111694	12 1.8
	[BBJ]	03.01- 05.06	113751	14 120		04.01-	111769	12 1.4
		04.01-	113510	14 140				
A4 3.0 S4 Quattro	[CAKA]	11.08-	115913	14 150		11.08-	115559	12 1.4
						11.08-	116054	12 1.4
	[CCBA]	11.08-	115913	14 150		11.08-	115559	12 1.4
						11.08-	116054	12 1.4
	[CGWC]	11.08-	115913	14 150		11.08-	115559	12 1.4
						11.08-	116054	12 1.4 A49
	[CGXC]	11.08-	115913	14 150		11.08-	115559	12 1.4
						11.08-	116054	12 1.4 A49
	[CREC]	11.08-	115913	14 150		11.08-	115559	12 1.4
						11.08-	116054	12 1.4
	[CTUB]	11.08-	115913	14 150		11.08-	115559	12 1.4
						11.08-	116054	12 1.4
A4 3.0 TDi	[CLAB]					11.11-	115948	12 2.2
A4 3.0 TDi Quattro	[ASB]	10.05-	115856	14 150		01.06-	114094	12 2.2
		01.06-	115859	14 140				
	[BKN]	11.04-	115856	14 150		11.04-	114094	12 2.2
		11.04-	115859	14 140				
	[CAPA]	11.07- 05.08	114780	14 140		11.07- 05.08	115948	12 2.2
		11.07- 05.08	115631	14 150				
	[CCLA]	11.07- 05.08	114780	14 140		11.07- 05.08	115948	12 2.2
		11.07- 05.08	115631	14 150				
	[CCWA]	11.07- 04.08	114780	14 140		11.07- 04.08	115948	12 2.2
		11.07- 04.08	115631	14 150				
	[CCWB]	06.08-	114780	14 140		06.08-	115948	12 2.2
		06.08-	115631	14 150				
	[CDUC]					11.11-	115948	12 2.2
	[CKVB]					11.11-	115948	12 2.2
	[CKVC]					11.11-	115948	12 2.2
A4 3.0 TDi Quattro Allroad	[CDUC]					01.12-	115948	12 2.2
	[CKVB]					01.12-	115948	12 2.2
	[CKVC]					01.12-	115948	12 2.2
A4 3.2 FSi	[AUK]	01.05-	114736	14 150		01.05- 03.09	114837	12 1.2
	[CALA]	09.08-	115913	14 150		09.08-	115559	12 1.4
						09.08-	116054	12 1.4 A49
A4 3.2 FSi Quattro	[AUK]	01.05-	114736	14 150		01.05-	114837	12 1.2
	[BKH]	01.05-	114736	14 150		01.05-	114837	12 1.2
	[CALA]	11.07-	115913	14 150		11.07-	115559	12 1.4
						11.07-	116054	12 1.4 A49
A4 4.2 RS4 quattro	[CFSA]					05.12-	115559	12 1.4
						05.12-	116054	12 1.4 A49
A5 1.8 TFSi	[CABD]	10.07-	115367	14 140		10.07-	115394	12 1.1
	[CDHB]	05.09-	115367	14 140		05.09-	115394	12 1.1
	[CJEB]	10.07-	115367	14 140		10.07-	115394	12 1.1
	[CJEE]					05.15-	115394	12 1.1
A5 1.8 TFSi Sportback	[CDHB]	11.09-	115367	14 140		11.09-	115394	12 1.1
	[CJEB]					10.11-	115394	12 1.1
	[CJED]					09.14-	115394	12 1.1
	[CJEE]					05.15-	115394	12 1.1
A5 2.0 TFSi	[CAEA]					03.09-	115394	12 1.1
						03.09-	115733	12 1.7
	[CAEB]	03.09-	115367	14 140		03.09-	115394	12 1.1
						03.09-	115733	12 1.7
	[CAED]					05.13-	115394	12 1.1
						05.13-	115733	12 1.7
	[CDNB]	11.08-	115367	14 140		11.08-	115394	12 1.1
						11.08-	115733	12 1.7
	[CDNC]	06.08-	115367	14 140		06.08-	115394	12 1.1
						06.08-	115733	12 1.7
	[CNCD]					05.13-	115394	12 1.1

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**AUDI** Continued

	[CNCE]					08.15-	115394	12	1.1
A5 2.0 TFSI Quattro	[CAEB]	06.08-	115367	14	140	06.08-	115394	12	1.1
						06.08-	115733	12	1.7
	[CAED]					03.12-	115394	12	1.1
	[CDNC]	06.08-	115367	14	140	06.08-	115394	12	1.1
						06.08-	115733	12	1.7
	[CNCD]					05.13-	115394	12	1.1
	[CNCE]					08.15-	115394	12	1.1
A5 2.0 TFSI Quattro Sportback	[CPMB]					03.12-	115394	12	1.1
	[CNCD]					05.13-	115394	12	1.1
	[CNCE]					08.15-	115394	12	1.1
A5 2.0 TFSI Sportback	[CDNC]	09.09-	115367	14	140	09.09-	115394	12	1.1
						09.09-	115733	12	1.7
	[CNCD]					05.13-	115394	12	1.1
	[CNCE]					08.15-	115394	12	1.1
A5 2.0 TFSI Sportback Quattro	[CDNC]	09.09-	115367	14	140	09.09-	115394	12	1.1
						09.09-	115733	12	1.7
A5 2.0 TDI	[CAHA]	08.08-	114322	14	140	08.08-	115635	12	1.7
						A25 08.08-	115636	12	1.7
	[CAHB]	08.08-	114322	14	140	08.08-	115635	12	1.7
						A25 08.08-	115636	12	1.7
	[CGLC]					10.11-	115635	12	1.7
						A25 10.11-	115636	12	1.7
	[CGLD]	08.08-	114322	14	140	08.08-	115635	12	1.7
						A25 08.08-	115636	12	1.7
	[CJCA]					10.11-	115635	12	1.7
						A25 10.11-	115636	12	1.7
	[CJCD]					05.13-	115635	12	1.7
						A25 05.13-	115636	12	1.7
A5 2.0 TDI Quattro	[CAHA]	08.08-	114322	14	140	08.08-	115635	12	1.7
						A25 08.08-	115636	12	1.7
	[CGLC]					12.11-	115635	12	1.7
						A25 12.11-	115636	12	1.7
A5 2.0 TDI Quattro Sportback	[CAHA]	09.09-	114322	14	140	09.09-	115635	12	1.7
						A25 09.09-	115636	12	1.7
	[CGLC]					12.11-	115635	12	1.7
						A25 12.11-	115636	12	1.7
A5 2.0 TDI Sportback	[CAGA]	09.09-	114322	14	140	09.09-	115635	12	1.7
						A25 09.09-	115636	12	1.7
	[CAGB]	09.09-	114322	14	140	09.09-	115635	12	1.7
						A25 09.09-	115636	12	1.7
	[CAHB]	09.09-	114322	14	140	09.09-	115635	12	1.7
						A25 09.09-	115636	12	1.7
	[CGLC]					10.11-	115635	12	1.7
						A25 10.11-	115636	12	1.7
	[CGLD]	09.09-	114322	14	140	09.09-	115635	12	1.7
						A25 09.09-	115636	12	1.7
	[CJCA]	09.09-	114322	14	140	09.09-	115635	12	1.7
						A25 09.09-	115636	12	1.7
	[CJCB]	09.09-	114322	14	140	09.09-	115635	12	1.7
						A25 09.09-	115636	12	1.7
[CJCD]					05.13-	115635	12	1.7	
					A25 05.13-	115636	12	1.7	
	[CMEA]	09.09-	114322	14	140	09.09-	115635	12	1.7
						A25 09.09-	115636	12	1.7
	[CMFA]	09.09-	114322	14	140	09.09-	115635	12	1.7
						A25 09.09-	115636	12	1.7
A5 2.7 TDI	[CAMA]	06.07- 05.08	114780	14	140	06.07- 05.08	115948	12	2.2
		06.07- 05.08	115631	14	150				
	[CAMB]	09.07-	114780	14	140	09.07-	115948	12	2.2
		09.07-	115631	14	150				
	[CGKA]	05.08-	114780	14	140	05.08-	115948	12	2.2
		05.08-	115631	14	150				
	[CGKB]	09.07-	114780	14	140	09.07-	115948	12	2.2
		09.07-	115631	14	150				
A5 2.7 TDI Sportback	[CGKA]	09.09-	114780	14	140	09.09-	115948	12	2.2
		09.09-	115631	14	150				
	[CGKB]	09.09-	114780	14	140	09.09-	115948	12	2.2
		09.09-	115631	14	150				
A5 3.0 Quattro	[CAKA]	06.09-	115913	14	150				
	[CCBA]	06.09-	115913	14	150				
	[CGWC]	06.09-	115913	14	150				
	[CGXC]	06.09-	115913	14	150				
	[CTUB]	06.09-	115913	14	150				
A5 3.0 Quattro Sportback	[CAKA]	01.10-	115913	14	150	01.10-	115559	12	1.4
						01.10-	116054	12	1.4 A49
	[CGWC]	01.10-	115913	14	150	01.10-	115559	12	1.4
						01.10-	116054	12	1.4 A49
	[CTUB]	01.10-	115913	14	150				
A5 3.0 TDI	[CLAB]					10.11-	115948	12	2.2
A5 3.0 TDI Quattro	[CAPA]	06.07- 05.08	114780	14	140	06.07- 05.08	115948	12	2.2
		06.07- 05.08	115631	14	150				
	[CCWA]	05.08-	114780	14	140	05.08-	115948	12	2.2
		05.08-	115631	14	150				
	[CCWB]	03.08-	114780	14	140	03.08-	115948	12	2.2
		03.08-	115631	14	150				
	[CDUC]					10.11-	115948	12	2.2
						10.11-	115948	12	2.2
	[CKVD]					05.15-	115735	12	2.0
A5 3.0 TDI Quattro Sportback	[CDUC]					10.11-	115948	12	2.2
						10.11-	115948	12	2.2
	[CKVB]					10.11-	115948	12	2.2
						05.15-	115735	12	2.0
	[CKVD]					05.15-	115735	12	2.0
A5 3.0 TDI Sportback	[CLAB]					10.11-	115948	12	2.2
A5 3.0 TDI Sportback Quattro	[CCWA]	09.09-	114780	14	140	09.09-	115948	12	2.2
		09.09-	115631	14	150				



A5 3.2 FSi	[CALA]	06.07-	115631	14 150	06.07-	116054	12 1.4	A49
		03.09-	115913	14 150	06.07-	115559	12 1.4	
A5 3.2 FSi Quattro	[CALA]	06.07-	115631	14 150	06.07-	116054	12 1.4	A49
		06.07-	115913	14 150	06.07-	115559	12 1.4	
A5 3.2 FSi Sportback Quattro	[CALA]				09.09-	115559	12 1.4	
A5 4.2 Quattro	[CFSA]				09.09-	116054	12 1.4	A49
					02.13-	115559	12 1.4	
A6 1.8	[ADR]	12.95- 02.97	111478	14 90	06.94-	112321	12 1.1	
	[AEB]	12.97- 01.05	113882	14 120	04.97-	112321	12 1.1	
		08.98-	112399	14 90				
		08.98-	113283	14 120				
	[AFY]	05.97- 07.98	111478	14 90	05.97-	112321	12 1.1	
		05.97-	112399	14 90				
		07.98-	113283	14 120				
	[AJP]	07.97-	112399	14 90	05.97-	112321	12 1.1	
		08.98-	113283	14 120				
	AT	08.98-	113283	14 120				
	[ANB]	12.97- 01.05	113882	14 120	04.97-	112321	12 1.1	
		01.99-	112399	14 90				
		01.99-	113283	14 120				
	[ANQ]	07.97- 01.05	112399	14 90	07.97- 01.05	112321	12 1.1	
		07.97- 01.05	113283	14 120				
	[APU]	12.97- 01.05	113882	14 120	04.97-	112321	12 1.1	
		11.98-	112399	14 90				
		11.98-	113283	14 120				
	[AOE]	07.97- 01.05	112399	14 90	05.97-	112321	12 1.1	
		07.97- 01.05	113283	14 120				
	[ARH]	07.97- 01.05	112399	14 90	07.97-	112321	12 1.1	
		07.97- 01.05	113283	14 120				
	[ARK]	12.97- 01.05	113882	14 120	04.97-	112321	12 1.1	
		01.99- 05.99	112399	14 90				
		01.99- 05.99	113283	14 120				
	[AWT]	12.97- 01.05	113882	14 120	04.97-	112321	12 1.1	
A6 1.8 Quattro	[ADR]	12.95-	111478	14 90	10.95-	112321	12 1.1	
A6 1.8 Turbo	[AEB]	01.97- 01.05	113882	14 120	04.97-	112321	12 1.1	
		04.97-	112399	14 90				
		08.98-	113283	14 120				
	[AJL]	08.98-	112399	14 90	06.97-	112321	12 1.1	
	AT	08.98-	113283	14 120				
	[ANB]	01.97- 01.05	113882	14 120	04.97-	112321	12 1.1	
		04.97-	112399	14 90				
		08.98-	113283	14 120				
	[APU]	01.97- 01.05	113882	14 120	04.97-	112321	12 1.1	
		04.97-	112399	14 90				
	AT	08.98-	113283	14 120				
	[ARK]	01.97- 01.05	113882	14 120	04.97-	112321	12 1.1	
		04.97-	112399	14 90				
		08.98-	113283	14 120				
	[AWL]	01.99- 01.05	112399	14 90	01.99- 01.05	112321	12 1.1	
		01.99- 01.05	113283	14 120				
		01.99- 01.05	113882	14 120				
	[AWT]	05.00- 01.05	113283	14 120	04.97-	112321	12 1.1	
		01.97- 01.05	113882	14 120				
		04.97-	112399	14 90				
A6 1.8 Turbo Quattro	[AEB]	04.97- 01.99	112399	14 90	04.97-	112321	12 1.1	
		08.98- 01.99	113283	14 120				
		02.98-	112399	14 90	06.97-	112321	12 1.1	
	AT	02.98-	113283	14 120				
	[ANB]	04.97- 01.99	112399	14 90	04.97-	112321	12 1.1	
		08.98- 01.99	113283	14 120				
	[APU]	04.97- 01.99	112399	14 90	04.97-	112321	12 1.1	
		11.98-	113283	14 120				
	AT	08.98- 01.99	113283	14 120				
	[ARK]	04.97- 05.99	112399	14 90	04.97-	112321	12 1.1	
		08.98- 05.99	113283	14 120				
	[AWT]	04.97- 01.99	112399	14 90	04.97-	112321	12 1.1	
A6 1.9 TDi	[IZ]	06.94- 09.96	113885	14 150	06.94- 09.96	111694	12 1.8	
	[AFN]	11.94- 07.98	112045	14 120	02.97-	111694	12 1.8	
		02.97-	112397	14 120				
		04.97-	112396	14 90				
	[AHU]	07.96- 10.97	113885	14 150	06.96- 10.97	111694	12 1.8	
	[AJM]	05.99-	112396	14 90	05.99-	111694	12 1.8	
		05.99-	112397	14 120				
	[AVF]	08.01-	112397	14 120	5SP 08.01-	111694	12 1.8	
		08.01-	113252	14 140	08.01- 01.05	114171	12 1.7	
	[AVG]	02.98- 04.01	112045	14 120	04.97- 04.01	111694	12 1.8	
		02.98- 04.01	112397	14 120				
	[AWX]	08.01-	112397	14 120	5SP 08.01-	111694	12 1.8	
		08.01-	113252	14 140	08.01- 01.05	114171	12 1.7	
	A6 2.0	[ABK]			06.94- 08.96	112321	12 1.1	
	[ALT]				08.01-	112321	12 1.1	
	[AAE]				06.94- 08.96	112321	12 1.1	
A6 2.0 16V	[ACE]			06.94-	112321	12 1.1		
A6 2.0 16V Quattro	[ACE]			06.94-	112321	12 1.1		
A6 2.0 TFSi	[BPJ]	06.05-	115858	14 150	06.05-	115947	12 1.1	
		06.05-	115953*	14 150	06.05-	115961	12 1.1	
	[BYK]	01.07-	115858	14 150	01.07-	115947	12 1.1	
		01.07-	115953*	14 150	01.07-	115961	12 1.1	
	[CAEB]				03.11-	115394	12 1.1	
	[CAED]				05.13-	115394	12 1.1	
	[CDNB]				05.11-	115394	12 1.1	
	[CAEB]				05.12- 05.13	115394	12 1.1	
A6 2.0 TFSi Quattro	[CAED]				05.13-	115394	12 1.1	
	[BLB]				AT 07.04-	114177	12 2.0	
A6 2.0 TDi	[BLB]			07.04-	114096	12 2.0		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

AUDI Continued

	[BNA]	06.05-	114831	14 180	06.05-	114096	12 2.0
					AT 06.05-	114177	12 2.0
	[BRE]				AT 07.04-	114177	12 2.0
					07.04-	114096	12 2.0
					06.05-	114177	12 2.0
	[BRF]	06.05-	114831	14 180	06.05-	114096	12 2.0
					AT 06.05-	114177	12 2.0
	[BVG]				09.05-	114096	12 2.0
	[CAGB]				AT 10.08-	114177	12 2.0
					06.05-	114096	12 2.0
					06.05-	114177	12 2.0
	[CAHB]				AT 04.09-	114177	12 2.0
					04.09-	114096	12 2.0
	[CGLC]				03.11-	115635	12 1.7
	[CGLD]				03.11-	115635	12 1.7
					A25 05.11-	115636	12 1.7
	[CGLE]				01.12-	115635	12 1.7
					A25 01.12-	115636	12 1.7
	[CMGB]				03.11-	115635	12 1.7
					A25 05.11-	115636	12 1.7
	[CSUE]				01.12-	115635	12 1.7
					01.12-	115636	12 1.7
A6 2.3	[AAR]	06.94- 07.94	112806	14 120	06.94- 12.95	111010	12 1.4
		06.94- 12.95	113758	14 120			
		Chas. -4AS020156	06.94- 07.94	112806			
A6 2.3 Quattro	[AAR]	06.94- 07.94	112806	14 120	08.94- 07.97	111010	12 1.4
		06.94- 12.95	113758	14 120			
A6 2.4	[AGA]	04.97- 07.98	112806	14 120	04.97-	111769	12 1.4
	[AJG]	04.97- 07.98	112806	14 120	04.97- 01.99	111769	12 1.4
	[ALF]	06.97- 07.98	112806	14 120	06.97-	111769	12 1.4
	[ALW]	08.97- 07.98	112806	14 120	07.98-	111769	12 1.4
	[AML]	06.00- 04.01	112399	14 90	06.97-	111769	12 1.4
		12.97- 01.05	113751	14 120			
	[AMM]	06.01- 05.04	113751	14 120	06.00- 05.04	111769	12 1.4
	[APC]	04.98- 07.98	112806	14 120	04.98-	111769	12 1.4
	[APS]				11.98-	111769	12 1.4
	[APZ]				11.98- 05.00	111769	12 1.4
	[ARJ]				11.98-	111769	12 1.4
	[ARN]	02.99- 01.05	112806	14 120	02.99-	111769	12 1.4
		02.99- 01.05	113751	14 120			
	[ASM]	06.01- 01.05	113751	14 120	06.00- 05.04	111769	12 1.4
	[BDV]	06.01- 01.05	113751	14 120	08.01-	111769	12 1.4
		08.01-	113510	14 140			
	[BDW]	05.04-	115414*	14 180	05.04-	114837	12 1.2
A6 2.4 Quattro	[AGA]	04.97- 07.98	112806	14 120	04.97-	111769	12 1.4
	[AJG]	02.97- 07.98	112806	14 120	02.97- 01.99	111769	12 1.4
	[ALF]	06.97- 07.98	112806	14 120	06.97-	111769	12 1.4
	[AML]	06.00- 05.01	112399	14 90	12.97-	111769	12 1.4
	[APC]	08.98- 05.01	112399	14 90	08.98- 05.01	111769	12 1.4
	[APS]				11.98-	111769	12 1.4
	[APZ]				11.98- 05.00	111769	12 1.4
	[ARJ]				11.98-	111769	12 1.4
	[BDV]	06.01- 01.05	113751	14 120	08.01-	111769	12 1.4
		08.01-	113510	14 140			
	[BDW]	01.05-	115414*	14 180	01.05-	114837	12 1.2
A6 2.5 TDi	[AEL]	08.94- 12.97	113758	14 120	10.94-	112537	12 2.2
	[AFB]	04.97- 01.05	113758	14 120	04.97-	111995	12 2.0
	[AKE]	02.00-	113510	14 140	02.00-	111995	12 2.0
	[AKN]	12.97- 01.05	113758	14 120	04.97- 06.99	111995	12 2.0
	[AYM]	08.01-	113510	14 140	08.01-	111995	12 2.0
	[BCZ]	11.02- 05.04	113510	14 140	11.02- 05.04	111995	12 2.0
	[BDG]	11.02- 05.04	113510	14 140	11.02- 05.04	111995	12 2.0
	[BFC]	07.02- 08.03	113510	14 140	07.02- 08.03	111995	12 2.0
	[AAT]	06.94- 12.97	113758	14 120	06.94-	112537	12 2.2
		Chas. -4A.S.012156	06.94- 10.97	112750			
A6 2.5 TDi Quattro	[AEL]	07.95- 10.97	113758	14 120	07.95-	112537	12 2.2
	[AFB]	07.97- 01.05	113758	14 120	07.97-	111995	12 2.0
	[AKE]	02.00-	113510	14 140	02.00-	111995	12 2.0
	[AKN]	07.97- 01.05	113758	14 120	07.97-	111995	12 2.0
	[BAU]				02.00-	111995	12 2.0
	[BDH]				02.00-	111995	12 2.0
A6 2.6	[ABC]	06.94- 02.96	112806	14 120	04.97- 07.98	111769	12 1.4
					06.94-	112309	12 1.4
	[ACZ]	06.94- 02.96	112806	14 120	06.94- 10.97	112309	12 1.4
A6 2.6 Quattro	[ABC]	06.94-	112806	14 120	06.94-	112309	12 1.4
A6 2.7	[AJK]	02.99- 05.01	112399	14 90	12.97-	111769	12 1.4
		02.99- 05.01	113751	14 120			
A6 2.7 Quattro	[AJK]	10.97- 08.00	112399	14 90	12.97- 08.00	111769	12 1.4
		02.99- 08.00	113751	14 120			
	[AZA]				09.00- 05.01	111769	12 1.4
A6 2.7 Turbo Quattro	[ARE]				08.01-	111769	12 1.4
	[BES]				07.02- 01.05	111769	12 1.4
A6 2.7 TDi	[BPP]	11.04-	114408	14 180	11.04-	114094	12 2.2
	[BSG]	11.04-	114408	14 180	11.04-	114094	12 2.2
		11.04-	115906	14 180			
	[CANA]	10.08-	115910	14 180			
	[CANB]	11.04-	114408	14 180	11.04-	114094	12 2.2
		11.04-	115906	14 180			
	[CANC]	10.08-	115910	14 180			
A6 2.7 TDi Allroad Quattro	[BPP]	05.06-	114408	14 180	05.06-	114094	12 2.2
	[BSG]	05.06- 08.11	114408	14 180	05.06-	114094	12 2.2
		05.06- 08.11	115910	14 180			
	[CANC]	10.08- 08.11	115910	14 180			
	[CAND]	05.06- 08.11	115910	14 180			
A6 2.7 TDi Quattro	[BPP]	11.04-	114408	14 180	11.04-	114094	12 2.2

## STARTERS & ALTERNATORS





	[BSG]	06.05-06.05-	114408115910	14 180		06.05-	114094	12 2.2	
	[CANC]	10.08-	115910	14 180					
	[CAND]	06.05-06.05-	114408115910	14 180		06.05-	114094	12 2.2	
A6 2.8	[APR]	11.98-04.01	113751	14 120		11.98-	111769	12 1.4	
	[ACK]	10.95-07.9802.97-07.9812.97-07.98	112806113851113751	14 120		04.97-10.95-10.97	111769112309	12 1.4	
	[AEJ]	06.94-10.97	112806	14 120		06.94-10.97	112309	12 1.4	
	[AFC]	06.94-10.97	112806	14 120		06.94-10.97	112309	12 1.4	
	[AGE]	10.97-07.9808.98-	111478112806112399	14 90		10.97-	111769	12 1.4	
	[AHA]	06.00-04.0106.00-04.01	112399113751	14 90		06.00-04.01	111769	12 1.4	
	[ALG]	06.97-07.9812.97-01.9908.98-01.99	112806113751112399	14 120		06.97-	111769	12 1.4	
	[AMX]	06.00-05.0106.00-04.01	112399113751	14 90		06.97-	111769	12 1.4	
	[AOD]	11.98-04.0111.98-04.01	112399113751	14 90		06.97-	111769	12 1.4	
	[ATX]					07.99-	111769	12 1.4	
	[AAH]	06.94-10.97	112806	14 120		06.94-10.97	112309	12 1.4	
A6 2.8 Quattro	[APR]	01.99-05.0101.99-05.01	112806113751	14 120		11.98-	111769	12 1.4	
	[ACK]	10.95-07.98	112806	14 120		04.97-10.95-10.97	111769112309	12 1.4	
	[AEJ]	06.94-10.97	112806	14 120		06.94-10.97	112309	12 1.4	
	[AHA]	06.00-05.01	113751	14 120		06.00-05.01	111769	12 1.4	
	[ALG]	06.97-07.9808.98-01.99	112806112399	14 90		06.97-	111769	12 1.4	
	[AMX]	06.00-05.01	113751	14 120		07.99-	111769	12 1.4	
	[AOD]	11.98-05.01	112399	14 90		06.97-	111769	12 1.4	
	[AAH]	06.94-10.97	112806	14 120		06.94-10.97	112309	12 1.4	
A6 2.8 FSi	[BDX]					11.06-	114837	12 1.2	
	[CCDA]	10.08-	115919	14 150		10.08-	114837	12 1.2	
	[CCEA]	10.08-	115919	14 150		10.08-	114837	12 1.2	
	[CHVA]					05.11-	115559	12 1.4	
						05.11-	116054	12 1.4	A49
A6 2.8 FSi Quattro	[BDX]					06.07-	114837	12 1.2	
	[CCDA]	10.08-	115919	14 150		10.08-	114837	12 1.2	
	[CCEA]	10.08-	115919	14 150		10.08-	114837	12 1.2	
	[CHVA]					05.11-	115559	12 1.4	
						05.11-	116054	12 1.4	A49
A6 3.0	[ASN]	06.01-05.0408.01-	113751113510	14 120		08.01-	111769	12 1.4	
	[BBJ]	03.05-05.06	114408	14 180		03.05-05.06	115946	12 1.2	
A6 3.0 Quattro	[ASN]	06.01-05.0408.01-	113751113510	14 120		08.01-	111769	12 1.4	
	[BBJ]	05.04-05.06	114408	14 180		05.04-05.06	115946	12 1.2	
A6 3.0 TFSi Quattro	[CAJA]					10.08-	114837	12 1.2	
	[CCAA]					10.08-08.11	114837	12 1.2	
	[CGWB]					11.10-	115559	12 1.4	
						11.10-	116054	12 1.4	A49
	[CGWD]					03.11-	115559	12 1.4	
						03.11-	116054	12 1.4	A49
	[CGXB]					03.11-	115559	12 1.4	
						03.11-	116054	12 1.4	A49
	[CTUA]					03.11-	115559	12 1.4	
						03.11-	116054	12 1.4	A49
A6 3.0 TFSi Quattro Allroad	[CGWD]					03.12-01.12-	115559116054	12 1.4	A49
A6 3.0 TDi Allroad Quattro	[ASB]	05.06-	114408	14 180		05.06-	114094	12 2.2	
	[BNG]	05.06-08.1105.06-08.11	114408115910	14 180		05.06-	114094	12 2.2	
	[CDYA]	10.08-08.11	115910	14 180					
	[CDYB]	05.06-08.11	115910	14 180					
	[CDYC]	10.08-08.11	115910	14 180					
	[CZVF]					11.15-	115948	12 2.2	
A6 3.0 TDi Quattro	[ASB]	06.06-	114408	14 180		06.06-	114094	12 2.2	
	[BMK]	05.04-	114408	14 180		05.04-	114094	12 2.2	
						05.04-	111995	12 2.0	
	[BNG]	05.04-05.04-	114408115910	14 180		05.04-	114094	12 2.2	
	[CDUC]					A25 05.11-03.11-03.11-	115735115735115948	12 2.0	
	[CDUD]					A25 05.11-03.11-03.11-	115735115735115948	12 2.0	
	[CDYA]	10.08-	115906	14 180					
	[CDYB]	05.04-05.04-	114408115910	14 180		05.04-	114094	12 2.2	
	[CDYC]	10.08-	115906	14 180		10.08-	114094	12 2.2	
	[CKVB]					A25 05.11-03.11-03.11-	115735115735115948	12 2.0	
	[CKVC]					A25 05.11-03.11-03.11-	115735115735115948	12 2.0	
	[CPNB]					05.13-05.13-	115735115948	12 2.0	
A6 3.2 FSi	[AUK]	05.04-05.0905.04-05.09	115414*115919	14 180		05.04-05.09	114837	12 1.2	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**AUDI** Continued

	[BKH]	05.04- 05.09	115414*	14	180	05.04- 05.09	114837	12	1.2
	[CALA]	05.04- 05.09	115919	14	150				
						05.09- 03.11	114837	12	1.2
A6 3.2 FSi Allroad Quattro	[AUK]	05.06-	115414*	14	180	05.06- 10.08	114837	12	1.2
A6 3.2 FSi Quattro	[AUK]	05.04-	115414*	14	180	05.04-	114837	12	1.2
	[BKH]	05.04-	115414*	14	180	05.04-	114837	12	1.2
A6 4.0 Quattro	[CEUC]	05.04-	115919	14	150				
						02.12-	115559	12	1.4
						02.12-	116054	12	1.4 A49
	[CRDB]					01.13-	115559	12	1.4
						01.13-	116054	12	1.4 A49
	[CTGE]					10.14-	115559	12	1.4
						10.14-	116054	12	1.4 A49
A6 4.0 RS6 performance quattro	[CWUC]					11.15-	115559	12	1.4
						11.15-	116054	12	1.4 A49
A6 4.0 S6 quattro	[CEUC]					02.12-	115559	12	1.4
						02.12-	116054	12	1.4 A49
A6 4.2 Quattro	[ARS]	11.98- 01.05	113882	14	120	11.98-	111817	12	1.8
	[ASG]	11.98- 01.05	113882	14	120	06.00-	111817	12	1.8
	[AWN]	11.98- 01.05	113882	14	120	06.00-	111817	12	1.8
	[BAT]					05.04-	111817	12	1.8
A6 5.0 RS6 Quattro	[BUH]					11.08- 08.10	115996	12	1.4
A6 5.2 Quattro	[BXA]					03.06-	115996	12	1.4
A7 2.8 FSi	[CHVA]					02.11-	115559	12	1.4
						02.11-	116054	12	1.4 A49
A7 2.8 FSi Quattro Sportback	[CHVA]					10.10-	115559	12	1.4
						10.10-	116054	12	1.4 A49
	[CNYA]					10.10-	115559	12	1.4
						10.10-	116054	12	1.4 A49
A7 3.0 TFSi Quattro Sportback	[CGWB]					10.10-	115559	12	1.4
						10.10-	116054	12	1.4 A49
	[CHMA]					10.10-	115559	12	1.4
						10.10-	116054	12	1.4 A49
A7 3.0 TDi Quattro Sportback	[CPNB]					05.13-	115735	12	2.0
A7 4.0 Quattro Sportback	[CRDB]					10.13-	115559	12	1.4
						10.13-	116054	12	1.4 A49
	[CTGE]					07.14-	115559	12	1.4
						07.14-	116054	12	1.4 A49
	[CWUB]					10.13-	115559	12	1.4
						10.13-	116054	12	1.4 A49
A7 4.0 RS7 performance Quattro S	[CWUC]					11.15-	115559	12	1.4
						11.15-	116054	12	1.4 A49
A7 4.0 S7 quattro Sportback	[CEUC]					02.12-	115559	12	1.4
						02.12-	116054	12	1.4 A49
A8 2.5 TDi	[AFB]	01.97- 04.00	113758	14	120	06.97- 04.00	111995	12	2.0
	[AKE]					09.00-	111995	12	2.0
	[AKN]	01.97- 04.00	113758	14	120	07.97- 10.00	111995	12	2.0
A8 2.5 TDi Quattro	[AFB]	07.97- 04.00	113758	14	120	07.97-	111995	12	2.0
	[AKE]					09.00-	111995	12	2.0
	[ARN]	07.97- 04.00	113758	14	120	07.97-	111995	12	2.0
A8 2.8	[APR]	07.95- 12.98	112806	14	120	04.97- 12.98	111769	12	1.4
						07.95- 04.97	112309	12	1.4
	[ACK]	07.95- 12.98	112806	14	120	04.97- 12.98	111769	12	1.4
						07.95- 04.97	112309	12	1.4
	[AEJ]	07.95-	112806	14	120	07.95-	112309	12	1.4
	[ALG]	10.97- 12.98	112806	14	120	10.97- 12.98	111769	12	1.4
	[AMX]	07.95- 12.98	112806	14	120	04.97- 12.98	111769	12	1.4
						07.95- 04.97	112309	12	1.4
	[AQD]	07.95- 12.98	112806	14	120	04.97- 12.98	111769	12	1.4
						07.95- 04.97	112309	12	1.4
	[AAH]	06.94- 03.96	112806	14	120	06.94- 03.96	112309	12	1.4
A8 2.8 Quattro	[APR]	04.96-	112806	14	120	04.97-	111769	12	1.4
						04.96- 04.97	112309	12	1.4
	[ACK]	04.96-	112806	14	120	04.97-	111769	12	1.4
						04.96- 04.97	112309	12	1.4
	[AEJ]	07.95-	112806	14	120	07.95-	112309	12	1.4
	[AMX]	04.96-	112806	14	120	04.97-	111769	12	1.4
						04.96- 04.97	112309	12	1.4
	[AQD]	04.96-	112806	14	120	04.97-	111769	12	1.4
						04.96- 04.97	112309	12	1.4
	[AAH]	09.94- 03.96	112806	14	120	09.94- 03.96	112309	12	1.4
A8 2.8 FSi	[BDX]					08.07-	114837	12	1.2
A8 3.0	[ASN]					08.03-	111769	12	1.4
	[BBJ]	07.03-	113751	14	120	07.03-	111769	12	1.4
		07.03-	113882	14	120				
A8 3.0 TFSi Quattro	[CGWA]					07.10-	115559	12	1.4
						07.10-	116054	12	1.4 A49
	[CGWD]					11.11-	115559	12	1.4
						11.11-	116054	12	1.4 A49
	[CGXC]					06.10-	115559	12	1.4
						06.10-	116054	12	1.4 A49
	[CMDA]					06.10-	115559	12	1.4
						06.10-	116054	12	1.4 A49
	[CREA]					11.11-	115559	12	1.4
						11.11-	116054	12	1.4 A49
	[CREC]					06.10-	115559	12	1.4
						06.10-	116054	12	1.4 A49
	[CTDA]					06.10-	115559	12	1.4
						06.10-	116054	12	1.4 A49
A8 3.0 TDi Quattro	[ASB]	08.03-	114408	14	180	08.03-	115938	12	2.2
	[BNG]	11.03-	113751	14	120	11.03-	114094	12	2.2
						11.03-	115938	12	2.2
	[CDTA]					A25 07.10-	115735	12	2.0
	[CDTC]					A25 07.10-	115735	12	2.0

## STARTERS & ALTERNATORS



	[CMHA]				A25	07.10-	115735	12	2.0
	[CPNA]					11.12-	115735	12	2.0
A8 3.2 FSi	[BPJ]					06.05-	114837	12	1.2
A8 3.2 FSi Quattro	[BPJ]					06.05-	114837	12	1.2
A8 3.7	[AEW]					07.95-	111817	12	1.8
	[AQG]					11.98-	111817	12	1.8
A8 3.7 Quattro	[AEW]					07.95-	111817	12	1.8
	[AQG]					11.98-	111817	12	1.8
A8 4.0 Quattro	[DDTA]					11.15-	115559	12	1.4
						11.15-	116054	12	1.4 A49
A8 4.0 S8 quattro	[CGTA]					02.12-	115559	12	1.4
						02.12-	116054	12	1.4 A49
	[CTFA]					02.12-	115559	12	1.4
						02.12-	116054	12	1.4 A49
A8 4.0 TFSi Quattro	[CEUA]					03.12-	115559	12	1.4
						03.12-	116054	12	1.4 A49
	[CTGA]					10.13-	115559	12	1.4
						10.13-	116054	12	1.4 A49
A8 4.2 Quattro	[ABZ]					06.94- 12.99	111817	12	1.8
	[AEM]					06.94- 07.96	111817	12	1.8
	[AQF]					11.98-	111817	12	1.8
	[ARU]					02.99-	111817	12	1.8
	[AUW]					11.98-	111817	12	1.8
	[AUX]					11.98-	111817	12	1.8
A8 4.2 FSi Quattro	[CDRA]					11.09-	115559	12	1.4
						11.09-	116054	12	1.4 A49
A8 5.2 Quattro	[BSM]					06.06-	115996	12	1.4
A8 6.0 W12 Quattro	[BHT]					12.03-	115996	12	1.4
	[BSB]					12.03-	115996	12	1.4
	[BTE]					12.03-	115996	12	1.4
Allroad 2.5 TDi Quattro	[AKE]	05.00- 08.05	113510	14	140	05.00- 05.03	111995	12	2.0
		05.00- 08.05	113751	14	120				
	[BAU]	05.00- 08.05	112079	14	90 A47	02.03- 01.05	111995	12	2.0
		05.00- 08.05	113751	14	120				
		05.00- 08.05	114789	14	90 A49				
	[BCZ]	06.03-	113510	14	140	06.03-	111995	12	2.0
Allroad 2.7 Turbo Quattro	[ARE]	05.00- 05.02	113510	14	140	05.00- 06.02	111769	12	1.4
	[BES]	07.02- 08.05	113510	14	140	07.02- 08.05	111769	12	1.4
Allroad 4.2 V8 Quattro	[BAS]					07.02-	111769	12	1.4
Cabriolet 1.8	[ADR]					01.97- 08.00	112321	12	1.1
Cabriolet 1.9 TDi	[1Z]	AT 06.95- 07.96	111676	14	90	06.95- 07.96	111694	12	1.8
	[AHU]	AT 07.96-	111676	14	90	07.96-	111694	12	1.8
Cabriolet 2.0	[ABK]					01.93- 09.98	112321	12	1.1
Cabriolet 2.0 16V	[ACE]					05.95- 07.96	112321	12	1.1
Cabriolet 2.3	[NG]	05.91- 07.94	112750	14	90	05.91- 07.94	111010	12	1.4
		05.91- 07.94	112777	14	115				
Cabriolet 2.6	[ABC]	01.94-	112806	14	120	01.94-	112309	12	1.4
	[ACZ]	Chas. 8G-P-004 001- 05.95- 12.99	112806	14	120	05.95- 12.99	112309	12	1.4
Cabriolet 2.8	[AAH]	11.92- 08.00	112806	14	120	11.92- 08.00	112309	12	1.4
Coupe 1.6	[YN]					07.80- 08.81	110865	12	0.95
Coupe 1.8	[DD]					08.81- 08.82	110865	12	0.95
	[DZ]	08.89- 07.91	112149	14	65				
Coupe 1.8 GT	[DS]	06.83- 07.85	110919	14	70	09.82- 10.88	110865	12	0.95
		08.85- 10.88	112149	14	65				
	[DZ]	08.86- 10.88	112149	14	65	08.86- 10.88	110865	12	0.95
	[JN]	01.85- 07.85	110919	14	70	01.85- 07.88	110865	12	0.95
		08.85- 07.88	112149	14	65				
	[JV]	06.83- 07.85	110919	14	70	09.82- 10.88	110865	12	0.95
		08.85- 10.88	112149	14	65				
	[PV]	08.86- 10.88	112149	14	65	08.86- 10.88	110865	12	0.95
	[SF]	04.86- 10.88	112149	14	65	04.86- 10.88	110865	12	0.95
Coupe 1.8 GT Quattro	[DZ]					12.84- 10.88	110865	12	0.95
Coupe 1.9	[WN]	08.80- 07.81	110911	14	55	09.82- 07.83	111010	12	1.4
		08.80- 07.81	111139	14	75				
Coupe 2.0	[3A]					AT 05.89- 07.90	110865	12	0.95
	[ABK]	05.89- 07.91	112149	14	65	05.89- 12.96	112321	12	1.1
	[ACE]					08.92- 12.95	112321	12	1.1
	[HP]					09.83- 07.86	111010	12	1.4
	[JS]					09.83- 07.86	111010	12	1.4
	[SK]	03.86- 07.91	112149	14	65	03.86- 04.88	111010	12	1.4
	[AAD]	05.89- 07.91	112149	14	65	AT 08.90- 07.91	110865	12	0.95
						05.89- 12.96	112321	12	1.1
Coupe 2.0 16V	[6A]					01.92- 07.92	112321	12	1.1
Coupe 2.0 20V	[NM]					08.89- 07.91	111010	12	1.4
Coupe 2.0 20V Quattro	[NM]	08.89- 07.91	112750	14	90	08.89- 07.91	111010	12	1.4
Coupe 2.1	[WE]					01.81- 07.83	111010	12	1.4
Coupe 2.1 Turbo 20V Quattro	[KW]					05.84- 07.87	111010	12	1.4
Coupe 2.1 Turbo Quattro	[GV]	07.80- 07.81	111139	14	75	07.80- 07.87	111010	12	1.4
	[WR]	07.80- 07.81	111139	14	75	07.80- 07.87	111010	12	1.4
Coupe 2.2 Quattro	[JT]					12.84- 10.88	111010	12	1.4
	[KV]	11.88- 07.91	112750	14	90	12.84- 07.91	111010	12	1.4
Coupe 2.2 S2 Quattro	[3B]	08.89- 09.92	112750	14	90	09.90- 09.92	111010	12	1.4
		AC 09.90- 09.92	112777	14	115				
	[ABY]					10.92- 12.95	111010	12	1.4
Coupe 2.2 20V Quattro	[RR]	08.89- 07.91	112750	14	90	08.89- 07.91	111010	12	1.4
Coupe 2.2 GT	[KE]					04.82- 07.84	111010	12	1.4
	[KL]					04.82- 07.84	111010	12	1.4
	[KV]					09.84- 10.88	111010	12	1.4
	[KX]					01.84- 10.88	111010	12	1.4
Coupe 2.2 Turbo Quattro	[1B]	08.87- 11.90	112750	14	90	02.88- 11.90	111010	12	1.4
		08.88- 11.90	112777	14	115				
	[MB]	08.88- 07.89	112750	14	90	08.87- 07.89	111010	12	1.4
		08.88- 07.89	112777	14	115				
Coupe 2.3	[NG]	10.88- 12.96	112750	14	90	02.87- 07.94	111010	12	1.4
		10.88- 07.94	112777	14	115				
		AC 10.88- 07.94	112777	14	115				

## STARTERS & ALTERNATORS

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Coupe 2.3 Quattro	[NG]	11.88- 07.94	112750	14 90	01.87- 07.94	111010	12 1.4
		AC 11.88- 07.94	112777	14 115			
Coupe 2.3 20V	[7A]	11.88- 12.96	112750	14 90	08.89- 07.91	111010	12 1.4
		AC 08.89- 07.91	112777	14 115			
Coupe 2.3 20V Quattro	[7A]	11.88- 07.91	112750	14 90	11.88- 07.91	111010	12 1.4
		AC 11.88- 07.91	112777	14 115			
Coupe 2.6	[ABC]	08.92- 12.95	112806	14 120	08.92- 12.95	112309	12 1.4
Coupe 2.6 Quattro	[ABC]	08.92- 12.95	112806	14 120	08.92- 12.95	112309	12 1.4
Coupe 2.8	[AAH]	09.91- 12.95	112806	14 120	09.91- 12.95	112309	12 1.4
Coupe 2.8 Quattro	[AAH]	08.91- 12.95	112806	14 120	08.91- 12.95	112309	12 1.4
Q2 1.4 TFSi	[CZEA]				09.16-	115818	12 1.1
Q2 1.6 TDi	[DDYA]				09.16-	115634	12 1.8
Q3 1.4 TFSi	[CHPB]				10.13-	115561	12 1.7
					10.13-	115900	12 1.1
					10.13-	115964	12 2.0
	[CZDA]				10.13-	115561	12 1.7
					10.13-	115900	12 1.1
					10.13-	115964	12 2.0
	[CZDB]				07.16-	115696	12 1.1
					07.16-	115900	12 1.1
	[CZEA]				10.13-	115561	12 1.7
					10.13-	115900	12 1.1
				10.13-	115964	12 2.0	
Q3 2.0 TFSi	[CULB]				05.15-	115900	12 1.1
Q3 2.0 TFSi Quattro	[CCZC]				A25 06.11-	115964	12 2.0
					06.11-	113773	12 1.1
					06.11-	115900	12 1.1
					06.11-	115900	12 1.1
	[CPSA]				06.11-	115900	12 1.1
	[CULB]				11.14-	115900	12 1.1
Q3 2.0 TDi	[CFFA]	09.11-	115433*	14 140	09.11-	115402	12 1.8
		[CFFB]	09.11-	115433*	14 140	09.11-	115402
					09.11-	115638	12 1.7
	[CFGC]	05.13-	115433*	14 140	05.13-	113841	12 1.7
					A25 05.13-	115402	12 1.8
					05.13-	115638	12 1.7
	[CLJA]	09.11-	115433*	14 140	09.11-	115638	12 1.7
	[CUVC]	11.14-	115826	14 140	11.14-	115402	12 1.8
	[CUVD]	03.15-	115826	14 140	03.15-	115402	12 1.8
	[CUWA]	05.15-	115826	14 140	05.15-	115402	12 1.8
				05.15-	115539	12 2.0	
Q3 2.0 TDi Quattro	[CFFB]	01.12-	115433*	14 140	01.12-	115402	12 1.8
		[CFGC]	06.11-	115433*	14 140	06.11-	115638
	[CFGD]	06.11-	115433*	14 140	06.11-	115638	12 1.7
	[CLLB]	06.11-	115433*	14 140	06.11-	115638	12 1.7
	[CUVC]	11.14-	115826	14 140	11.14-	115402	12 1.8
	[CYLA]	11.14-	115826	14 140	11.14-	115402	12 1.8
				11.14-	115539	12 2.0	
Q3 2.5 Quattro	[CTS A]				10.13-	115561	12 1.7
	[CZGB]				01.15-	115561	12 1.7
Q5 2.0 TFSi	[CAEB]	11.08-	115367	14 140	11.08-	115394	12 1.1
					11.08-	115733	12 1.7
	[CDNB]	08.09-	115367	14 140	08.09-	115394	12 1.1
	[CDNC]	11.08-	115367	14 140	11.08-	115394	12 1.1
					11.08-	115733	12 1.7
	[CNCB]	08.09-	115367	14 140	08.09-	115394	12 1.1
[CPMA]	11.08-	115367	14 140	11.08-	115394	12 1.1	
				11.08-	115733	12 1.7	
Q5 2.0 TFSi Quattro	[CNCD]				06.12-	115394	12 1.1
	[CNCE]				08.15-	115394	12 1.1
	[CPMB]				05.13-	115394	12 1.1
Q5 2.0 TDi	[CAGA]	08.09-	114322	14 140	08.09-	115635	12 1.7
					A25 08.09-	115636	12 1.7
	[CAGB]	08.09-	114322	14 140	08.09-	115635	12 1.7
					A25 08.09-	115636	12 1.7
	[CAHA]	11.08-	114322	14 140	11.08-	115635	12 1.7
					A25 11.08-	115636	12 1.7
	[CAHB]	11.08-	114322	14 140	11.08-	115635	12 1.7
					A25 11.08-	115636	12 1.7
	[CGLA]	11.08-	114322	14 140	11.08-	115635	12 1.7
					A25 11.08-	115636	12 1.7
	[CGLB]	11.08-	114322	14 140	11.08-	115635	12 1.7
					A25 11.08-	115636	12 1.7
	[CGLD]	11.08-	114322	14 140	11.08-	115635	12 1.7
					A25 11.08-	115636	12 1.7
	[CJCA]	08.09-	114322	14 140	08.09-	115635	12 1.7
					A25 08.09-	115636	12 1.7
[CJCB]	08.09-	114322	14 140	08.09-	115635	12 1.7	
				A25 08.09-	115636	12 1.7	
[CJCD]				05.13-	115635	12 1.7	
				A25 05.13-	115636	12 1.7	
[CMGA]	11.08-	114322	14 140	11.08-	115635	12 1.7	
				A25 11.08-	115636	12 1.7	
Q5 2.0 TDi Quattro	[CGLC]				06.12-	115635	12 1.7
					A25 06.12-	115636	12 1.7
	[CJCD]				05.13-	115635	12 1.7
					A25 05.13-	115636	12 1.7
[CMGB]				06.12-	115635	12 1.7	
				A25 06.12-	115636	12 1.7	
Q5 3.0 Diesel Quattro	[CGOB]				12.12-	115735	12 2.0
Q5 3.0 TDi	[CCWA]	11.08-	114780	14 140	11.08-	115948	12 2.2
		11.08-	115631	14 150			
	[CCWB]	11.08-	114780	14 140	11.08-	115948	12 2.2
		11.08-	115631	14 150			
Q5 3.0 TDi Quattro	[CDUD]				06.12-	115948	12 2.2
	[CTBA]				11.13-	115948	12 2.2
	[CTBC]				06.12-	115948	12 2.2

## STARTERS & ALTERNATORS



Q5 3.2 FSi	[CALB]	11.08-	115913	14 150				
Q7 3.0 TFSi	[CJTC]					05.10-	115559	12 1.4
						05.10-	116054	12 1.4 A49
	[CJWC]					05.10-	115559	12 1.4
						05.10-	116054	12 1.4 A49
	[CJWE]					05.11-	115559	12 1.4
						05.11-	116054	12 1.4 A49
	[CNAA]					05.10-	115559	12 1.4
						05.10-	116054	12 1.4 A49
	[CTWB]					05.11-	115559	12 1.4
						05.11-	116054	12 1.4 A49
Q7 3.0 TDi	[BUG]	03.06- 05.08	114408	14 180		03.06-	114690	12 2.0
		03.06- 05.08	115910	14 180		03.06- 05.08	115375	12 2.0
						03.06- 05.08	115502	12 2.2 A49
	[BUN]	03.06- 11.07	114408	14 180		03.06- 11.07	114690	12 2.0
		03.06- 11.07	115910	14 180		03.06- 11.07	114775	12 2.2
						03.06- 11.07	115375	12 2.0
						03.06- 11.07	115502	12 2.2 A49
	[CASA]	11.07-	114408	14 180		11.07-	114775	12 2.2
		11.07-	115910	14 180		11.07-	115502	12 2.2 A49
						11.07-	116000	12 2.0
	[CASB]	11.07-	114408	14 180		11.07-	114775	12 2.2
		11.07-	115910	14 180		11.07-	115502	12 2.2 A49
	[CATA]					06.09- 05.12	114775	12 2.2
						06.09- 05.12	115502	12 2.2 A49
	[CCMA]	06.09-	115910	14 180		06.09-	114775	12 2.2
						06.09-	115502	12 2.2 A49
						06.09-	116000	12 2.0
	[CJGA]	06.09-	115910	14 180		06.09-	116000	12 2.0
	[CJGC]	05.10-	115910	14 180		05.10-	116000	12 2.0
	[CJGD]	05.11-	115910	14 180		05.11-	114775	12 2.2
						05.11-	115502	12 2.2 A49
						05.11-	116000	12 2.0
	[CJMA]	05.10-	115910	14 180		05.10-	114775	12 2.2
					05.10-	115502	12 2.2 A49	
					05.10-	116000	12 2.0	
[CLZB]	05.11-	115910	14 180		05.11-	116000	12 2.0	
[CNRB]	06.09-	115910	14 180		06.09-	116000	12 2.0	
[CRCA]	05.11-	115910	14 180		05.11-	114775	12 2.2	
					A25 05.11-	116000	12 2.0	
					05.11-	115502	12 2.2 A49	
Q7 3.6 FSi	[BHK]					08.06- 05.10	116039	12 1.7
Q7 4.2 FSi	[BAR]					03.06-	115996	12 1.4
RS 2.5 Quattro	[CZGA]					05.13-	115561	12 1.7
RS3 2.5 Quattro Sportback	[CZGB]					03.15-	115561	12 1.7
RS6 5.0 Quattro	[BUH]					05.08- 08.10	115996	12 1.4
S3 1.8 Quattro	[AMK]	09.00- 04.02	111989	14 90		09.00- 04.02	112429	12 2.0
		09.00- 04.02	112075	14 70				
		09.00- 04.02	115482	14 90 A49				
		09.00- 04.02	115483	14 120 A49				
		03.99- 04.02	112002	14 120 A47				
		03.99- 04.02	114797	14 120 A46				
	[APY]	08.98- 08.00	111989	14 90		08.98- 08.00	112429	12 2.0
		08.98- 08.00	112075	14 70				
		08.98- 08.00	115482	14 90 A49				
		08.98- 08.00	115483	14 120 A49				
		03.99- 04.02	112002	14 120 A47				
		03.99- 04.02	114797	14 120 A46				
	[AUL]	09.00- 04.02	115482	14 90 A49		03.99- 04.02	112429	12 2.0
		09.00- 04.02	115483	14 120 A49				
	03.99- 04.02	111989	14 90					
	03.99- 04.02	112002	14 120					
[BAM]	08.01- 06.03	115482	14 90 A49		08.01- 06.03	112429	12 2.0	
	08.01- 06.03	115483	14 120 A49					
	10.01-	111989	14 90					
	10.01-	112002	14 120 A47					
	10.01- 05.03	114797	14 120 A46					
S3 2.0 Quattro	[BHZ]	06.08-	113992	14 140		06.08- 03.13	113773	12 1.1
						06.08- 03.13	115333	12 1.0
	[CDLA]	06.08- 03.13	113992	14 140		06.08- 03.13	113773	12 1.1
						06.08- 03.13	115333	12 1.0
	[CJXB]					10.13-	115560	12 1.7
						10.13-	115561	12 1.7
						10.13-	115900	12 1.1
	[CJXC]					10.13-	115560	12 1.7
						10.13-	115561	12 1.7
						10.13-	115900	12 1.1
						10.13-	115900	12 1.1
S3 2.0 TFSi Quattro	[BHZ]	11.06-	113992	14 140		11.06-	113773	12 1.1
	[CDLA]	11.06- 08.12	113992	14 140		11.06- 08.12	113773	12 1.1
S4 2.2 Turbo Quattro	[AAN]	08.91- 06.94	112777	14 115 ▲		08.91- 07.94	111010	12 1.4
S5 4.2 Quattro	[CAUA]					06.07-	115559	12 1.4
						06.07-	116054	12 1.4 A49
S6 2.2 Turbo Quattro	[AAN]	06.94-	112806	14 120		06.94-	111010	12 1.4
S6 4.2 Plus Quattro	[AHK]	06.96-	112777	14 115				
S6 4.2 Quattro	[AEC]	09.94- 07.97	112777	14 115				
	[ANK]					09.00-	111817	12 1.8
	[AOJ]					09.99-	111817	12 1.8
S8 4.2 Quattro	[AHC]					09.96-	111817	12 1.8
	[AOH]					06.99-	111817	12 1.8
	[DEHA]					11.15-	115735	12 2.0
SQ5 3.0 TDi Quattro	[DEHA]					11.15-	115735	12 2.0
TT 1.8 TFSi	[CDAA]					06.08-	114163	12 1.1
TT 1.8 Turbo	[AJQ]	07.98-	111989	14 90		07.98-	111909	12 1.1
		10.98-	112002	14 120 A47		AT 07.98-	112005	12 1.1
		10.98-	114797	14 120 A46		10.98-	115504	12 1.1 A49
		10.98- 08.00	115482	14 90 A49				
		10.98- 08.00	115483	14 120 A49				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

AUDI Continued

	[APP]	10.98- 10.98- 11.98- 09.00 10.99- 09.00	111989 112002 115483 115482	14 90 14 120 14 120 A49 14 90 A49	07.98- 07.98- 10.98-	112005 111909 115504	12 1.1 12 1.1 12 1.1 A49
	[ATC]	10.98- 10.98- 10.98- 08.00 10.98- 08.00	111989 112002 115482 115483	14 90 14 120 14 90 A49 14 120 A49	07.98- 07.98- 10.98-	112005 111909 115504	12 1.1 12 1.1 12 1.1 A49
	[AUM]	01.01- 01.01- 01.01- 09.02- 09.02-	111989 115482 115483 112002 114797	14 90 14 90 A49 14 120 A49 14 120 A47 14 120 A46	01.01-	112005	12 1.1
	[AUQ]	10.98- 10.98- 10.98- 06.06 10.98- 06.06	111989 112002 115482 115483	14 90 14 120 14 90 A49 14 120 A49	07.98- 07.98- 10.98-	112005 111909 115504	12 1.1 12 1.1 12 1.1 A49
	[AWP]	10.98- 10.98- 10.98- 06.06 10.98- 06.06	111989 112002 115482 115483	14 90 14 120 14 90 A49 14 120 A49	07.98- 07.98- 10.98-	112005 111909 115504	12 1.1 12 1.1 12 1.1
	[BVP]	09.05- 09.05- 09.05- 09.05- 09.05-	111989 112002 114797 115482 115483	14 90 14 120 A47 14 120 A46 14 90 A49 14 120 A49	09.05- AT 09.05- 09.05- 09.05-	112005 114174 113842 115508	12 1.1 12 1.1 12 2.0 12 1.7 A49
	[BVR]	09.05- 09.05- 09.05- 09.05- 09.05-	111989 112002 114797 115482 115483	14 90 14 120 A47 14 120 A46 14 90 A49 14 120 A49	09.05- 09.05-	113842 115508	12 2.0 12 1.7 A49
TT 1.8 Turbo Quattro	[AJQ]	07.98- 10.98- 10.98- 10.98- 10.98-	111989 112002 114797 115482 115483	14 90 14 120 A47 14 120 A46 14 90 A49 14 120 A49	07.98- 02.00- 02.00- 02.00-	112429 112005 113509 114174	12 2.0 12 1.1 12 2.0 12 1.1
	[AMU]	10.98- 10.98- 10.98- 10.98-	111989 112002 115482 115483	14 90 14 120 14 90 A49 14 120 A49	10.98- 10.98-	112429 114174	12 2.0 12 1.1
	[APX]	07.98- 10.98- 10.98- 10.98- AC 10.98-	112002 111989 115482 115483 112002	14 120 14 90 14 90 A49 14 120 A49 14 120 ▲	10.98- 07.98- 05.01	114174 112429	12 1.1 12 2.0
	[ARY]	10.98- 10.98- 10.98- 10.98-	111989 112002 115482 115483	14 90 14 120 14 90 A49 14 120 A49	10.98- 02.00- 05.01 07.98- 05.01 07.98-	114174 112005 112429 113509	12 1.1 12 1.1 12 2.0 12 2.0
	[AUM]	10.99- 10.99- 10.99- 10.99-	111989 112002 115482 115483	14 90 14 120 14 90 A49 14 120 A49	10.99-	112429	12 2.0
	[AUQ]	07.98- 08.00 07.98- 08.00 10.98- 10.98-	115482 115483 111989 112002	14 90 A49 14 120 A49 14 90 14 120	02.00- 10.98- 02.00-	113509 112005 114174	12 2.0 12 1.1 12 1.1
	[AWP]	10.98- 10.98- 10.98- 10.98-	111989 112002 115482 115483	14 90 14 120 14 90 A49 14 120 A49	02.00- 10.98- 02.00- 02.00-	113509 112429 114174 112005	12 2.0 12 2.0 12 1.1 12 1.1
	[BAM]	10.98- 10.98- 10.99- 10.99-	111989 112002 115482 115483	14 90 14 120 14 90 A49 14 120 A49	07.98- 05.01 10.98-	112429 114174	12 2.0 12 1.1
	[BFV]	03.05- 03.05- 03.05- 03.05- 03.05-	111989 112002 114797 115482 115483	14 90 14 120 A47 14 120 A46 14 90 A49 14 120 A49	03.05-	112005	12 1.1
	[BVR]	09.05- 09.05- 09.05- 09.05- 09.05-	111989 112002 114797 115482 115483	14 90 14 120 A47 14 120 A46 14 90 A49 14 120 A49	09.05- 09.05-	113842 115508	12 2.0 12 1.7 A49
TT 1.8 Turbo Roadster	[AUM]	01.01- 01.01- 01.01- 01.01- 01.01-	111989 112002 114797 115482 115483	14 90 14 120 A47 14 120 A46 14 90 A49 14 120 A49	01.01-	112005	12 1.1
TT 2.0 TFSi	[BWA]	08.06- 06.10	113992	14 140	10.06- 06.10 AT 08.06- 06.10	113773 115333	12 1.1 12 1.0
	[CESA]	05.10-	115547	14 140	05.10- 05.10-	113773 115900	12 1.1 12 1.1
	[CHHC]				09.14-	115900	12 1.1
TT 2.0 TFSi Quattro	[BWA]	06.08- 06.10	114722	14 140	06.08- 06.10	113773	12 1.1
	[CDLB]	05.08- 05.08-	113992 115433*	14 140 14 140	05.08- AT 05.08-	113773 115333	12 1.1 12 1.0
	[CESA]	05.10-	115547	14 140	05.10- 05.10-	115900 113773	12 1.1 12 1.1
	[CETA]	05.10-	115547	14 140	05.10- 05.10-	115900 113773	12 1.1 12 1.1
	[CHHC]				09.14-	115900	12 1.1
TT 2.0 TTS Quattro	[CJXF]				02.15-	115900	12 1.1
	[CJXG]				11.14-	115900	12 1.1





TT 2.0 TDi Quattro	[CBBB]	06.08-	113992	14 140	06.08-	113841	12 1.7	
		06.08-	115433*	14 140	06.08-	115638	12 1.7	
	[CFGB]	06.08-	113992	14 140	06.08-	113841	12 1.7	
		06.08-	115433*	14 140	06.08-	115638	12 1.7	
TT 2.5 TFSi Quattro	[CEPA]	07.09-	113992	14 140	07.09-	115638	12 1.7	
	[CEPB]				05.11-	115638	12 1.7	
TT 3.2 V6 Quattro	[BUB]	08.06- 06.10	113992	14 140	08.06- 06.10	113841	12 1.7	
TT 3.2 VR6 Quattro	[BHE]	07.03-	111989	14 90	07.03-	112005	12 1.1	
		07.03-	112002	14 120 A47				
		07.03- 06.06	114797	14 120 A46	07.03- 06.06	114174	12 1.1	
		07.03- 06.06	115482	14 90 A49				
	[BPF]	07.03- 06.06	115483	14 120 A49				
		07.03- 05.05	115482	14 90 A49	06.04- 05.05	114174	12 1.1	
		07.03- 05.05	115483	14 120 A49				
		06.04- 05.05	111989	14 90				
		06.04- 05.05	112002	14 120 A47				
TT Roadster 2.0 TFSi	[CHHC]				11.14-	115900	12 1.1	
TT Roadster 2.0 TFSi Quattro	[CHHC]				11.14-	115900	12 1.1	
TT Roadster 2.0 TTS Quattro	[CJXF]				02.15-	115900	12 1.1	
	[CJXG]				11.14-	115900	12 1.1	
TT Roadster 2.5 TFSi Quattro	[CEPB]				03.12-	115638	12 1.7	
V8 3.6 Quattro	[PT]	10.88- 02.94	112777	14 115				
V8 4.2 Quattro	[ABH]	10.91- 02.94	112777	14 115				
Various models					AT 08.88- 08.91	110865	12 0.95	
					08.91-	111010	12 1.4	
					11.94-	112309	12 1.4	
					06.94-	112321	12 1.1	
					06.91- 07.94	112537	12 2.2	
<b>PASSENGER CARS US</b>								
80 2.0	[3A]	01.88- 01.90	112729	14 90	01.88- 01.90	110865	12 0.95	
80 2.3	[NG]	01.91- 01.92	112777	14 115	01.91- 01.92	111010	12 1.4	
80 2.3 Quattro	[NG]	01.88- 01.92	112777	14 115	01.88- 01.92	111010	12 1.4	
90 1.8 Super					01.70- 01.72	110869	12 1.5	
90 2.0	[3A]	01.88- 01.88	112729	14 90	01.88- 01.88	110865	12 0.95	
90 2.3	[NG]	01.88- 01.91	112777	14 115	01.88- 01.91	111010	12 1.4	
90 2.3 Quattro	[NG]	01.88- 01.89	112777	14 115	01.88- 01.89	111010	12 1.4	
90 2.3 20V Quattro	[7A]	01.90- 01.91	112777	14 115	01.90- 01.91	111010	12 1.4	
90 2.8	[AFC]	01.95- 01.95	112806	14 120	01.95- 01.95	112309	12 1.4	
	[AAH]	01.95-	112806	14 120	01.95-	112309	12 1.4	
90 2.8 Quattro	[AFC]	01.95- 01.95	112806	14 120	01.95- 01.95	112309	12 1.4	
	[AAH]	01.95-	112806	14 120	01.95-	112309	12 1.4	
90 2.8 Sport	[AFC]	01.95- 01.95	112806	14 120	01.95- 01.95	112309	12 1.4	
	[AAH]	01.95-	112806	14 120	01.95-	112309	12 1.4	
90 2.8 Sport Quattro	[AFC]	01.95- 01.95	112806	14 120	01.95- 01.95	112309	12 1.4	
	[AAH]	01.95-	112806	14 120	01.95-	112309	12 1.4	
90 2.8 CS	[AFC]	01.94- 01.94	112806	14 120	01.94- 01.94	112309	12 1.4	
	[AAH]	01.93- 01.94	112806	14 120	01.93- 01.94	112309	12 1.4	
90 2.8 CS Quattro	[AFC]	01.94- 01.94	112806	14 120	01.94- 01.94	112309	12 1.4	
	[AAH]	01.93- 01.94	112806	14 120	01.93- 01.94	112309	12 1.4	
90 2.8 S	[AFC]	01.94- 01.94	112806	14 120	01.94- 01.94	112309	12 1.4	
	[AAH]	01.93- 01.94	112806	14 120	01.93- 01.94	112309	12 1.4	
100 1.8 LS	[ZT]				01.70- 01.71	110869	12 1.5	
	[ZY]				01.70- 01.70	110869	12 1.5	
	[ZK]				01.72- 01.72	110997	12 0.8	
100 1.9	[ZL]				01.72- 01.73	110997	12 0.8	
	[ZW]				01.73- 01.73	110997	12 0.8	
	[ZK]				01.72- 01.72	110997	12 0.8	
100 1.9 GL	[ZL]				01.72- 01.73	110997	12 0.8	
	[ZW]				01.73- 01.73	110997	12 0.8	
	[ZK]				01.72- 01.72	110997	12 0.8	
100 1.9 LS	[XT]				01.74- 01.74	110997	12 0.8	
	[XU]				01.74- 01.74	110997	12 0.8	
	[VA]	01.75-	111139	14 75	01.75-	110997	12 0.8	
	[VB]	01.75- 01.75	111139	14 75	01.75- 01.75	110997	12 0.8	
	[YC]	01.75- 01.77	111139	14 75	01.75- 01.77	110997	12 0.8	
	[VD]	01.75- 01.77	111139	14 75	01.75- 01.77	110997	12 0.8	
	[ZG]				01.74-	110997	12 0.8	
	[ZH]				01.74- 01.74	110997	12 0.8	
	[ZK]				01.72- 01.72	110997	12 0.8	
	[ZL]				01.72- 01.73	110997	12 0.8	
	[ZW]				01.73- 01.73	110997	12 0.8	
	100 2.3	[NF]	01.89- 01.91	112777	14 115	01.89- 01.91	111010	12 1.4
	100 2.3 Quattro	[NF]	01.89- 01.91	112777	14 115	01.89- 01.91	111010	12 1.4
100 2.3 E	[NF]	01.89-	112777	14 115	01.89-	111010	12 1.4	
100 2.8	[AAH]	01.92- 01.93	112806	14 120	01.92- 01.93	112309	12 1.4	
100 2.8 CS	[AAH]	01.92- 01.94	112806	14 120	01.92- 01.94	112309	12 1.4	
100 2.8 CS Quattro	[AAH]	01.92- 01.94	112806	14 120	01.92- 01.94	112309	12 1.4	
100 2.8 S	[AAH]	01.92- 01.94	112806	14 120	01.92- 01.94	112309	12 1.4	
100 2.8 S Quattro	[AAH]	01.93-	112806	14 120	01.93-	112309	12 1.4	
200 2.2 Quattro	[MC]	01.89-	112729	14 90	01.89-	111010	12 1.4	
		01.89-	112777	14 115				
200 2.2 Turbo 10V Quattro	[MC]	01.91-	112777	14 115	01.91-	111010	12 1.4	
200 2.2 Turbo 20V Quattro	[3B]	01.91-	112777	14 115	01.91-	111010	12 1.4	
200 2.2 Turbo	[MC]	01.89-	112729	14 90	01.89- 01.91	111010	12 1.4	
		01.89- 01.91	112777	14 115				
200 2.2 Turbo Quattro	[MC]	01.90-	112777	14 115	01.90-	111010	12 1.4	
4000 1.6	[YG]	01.80-	110913	14 70	01.80-	111058	12 0.8	
	[YH]	01.80-	110913	14 70	01.80-	111058	12 0.8	
4000 1.6	[CR]	01.82-	111035	14 65				
	[JK]	01.83-	111035	14 65				
4000 1.6 Turbo	[CY]	01.82- 01.83	111035	14 65				
4000 1.7	[WT]	01.81- 01.83	110913	14 70	01.81- 01.83	111058	12 0.8	
					01.81- 01.83	110865	12 0.95	
4000 1.8 S	[JN]				01.84-	110865	12 0.95	
	[MG]	01.87-	112729	14 90	01.85- 01.87	110865	12 0.95	
4000 2.2	[WE]	01.80- 01.83	110911	14 55				
		01.80- 01.83	111139	14 75				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**AUDI** Continued

4000 2.2 CS Quattro	[JT]				01.86- 01.86	111010	12 1.4
4000 2.2 S	[KX]				01.86-	111010	12 1.4
	[WE]				01.84-	111010	12 1.4
4000 2.2 S Quattro	[JT]				01.84- 01.85	111010	12 1.4
5000 2.0	[CN]	01.79- 01.81	110911	14 55	01.81- 01.81	110368	12 2.3
		01.79- 01.81	111139	14 75			
5000 2.0 S	[CN]	01.79- 01.81	110911	14 55	01.79- 01.81	110368	12 2.3
		01.79- 01.81	111139	14 75			
5000 2.0 Turbo	[DE]				01.82- 01.83	110368	12 2.3
					01.84- 01.85	111112	12 2.0
5000 2.2	[WD]	01.78- 01.80	110911	14 55			
		01.78- 01.83	111139	14 75			
		01.81- 01.83	110913	14 70			
	[WE]	01.78- 01.80	110911	14 55			
		01.78- 01.83	111139	14 75			
		01.81- 01.83	110913	14 70			
5000 2.2 CS Turbo	[MC]	01.86- 01.88	112729	14 90	01.86- 01.88	111010	12 1.4
5000 2.2 CS Turbo Quattro	[MC]	01.86- 01.88	112729	14 90	01.86- 01.88	111010	12 1.4
5000 2.2 S Turbo	[KH]				01.84- 01.85	111010	12 1.4
	[WK]	01.80- 01.80	110911	14 55			
		01.80- 01.80	111139	14 75			
5000 2.2 S	[KZ]	01.88-	112729	14 90	01.85- 01.87	111010	12 1.4
	[WD]	01.79- 01.83	110911	14 55			
		01.79- 01.83	111139	14 75			
	[WE]	01.79- 01.83	110911	14 55			
		01.79- 01.83	111139	14 75			
	[WU]				01.84- 01.84	111010	12 1.4
5000 2.2 Turbo	[WK]	01.81- 01.83	110913	14 70			
		01.81- 01.83	111139	14 75			
5000 2.3 S	[NF]	01.87- 01.88	112777	14 115	01.87- 01.88	111010	12 1.4
5000 2.3 S Quattro	[NF]	01.87- 01.88	112777	14 115	01.87- 01.88	111010	12 1.4
A4 1.8 Turbo	[AEB]	01.97- 01.99	111478	14 90	01.97- 01.99	112321	12 1.1
	[AMB]	01.02- 01.03	112399	14 90	01.02- 01.03	112321	12 1.1
	[ATW]	01.00- 01.00	112399	14 90	01.00- 01.00	112321	12 1.1
	[AWM]	01.01- 01.01	112399	14 90	01.01- 01.01	112321	12 1.1
A4 1.8 Turbo Quattro	[AEB]	01.97- 01.99	111478	14 90	01.97- 01.99	112321	12 1.1
	[AMB]	01.02- 01.03	112399	14 90	01.02- 01.03	112321	12 1.1
	[ATW]	01.00- 01.00	112399	14 90	01.00- 01.00	112321	12 1.1
	[AWM]	01.01- 01.01	112399	14 90	01.01- 01.01	112321	12 1.1
A4 2.8	[AFC]	01.96- 01.97	112806	14 120	01.96- 01.97	112309	12 1.4
	[AHA]	01.97- 01.99	112806	14 120	01.97- 01.99	112309	12 1.4
	[ATQ]	01.00- 01.01	112806	14 120	01.00- 01.01	112309	12 1.4
A4 2.8 Quattro	[AFC]	01.96- 01.97	112806	14 120	01.96- 01.97	112309	12 1.4
	[AHA]	01.98- 01.99	112806	14 120	01.98- 01.99	112309	12 1.4
	[ATQ]	01.00- 01.00	112806	14 120	01.00- 01.00	112309	12 1.4
		01.01- 01.01	112399	14 90	01.01- 01.01	111769	12 1.4
A4 3.0	[AVK]				01.02- 01.02	111769	12 1.4
A4 3.0 Quattro	[AVK]				01.02- 01.02	111769	12 1.4
A6 2.7 Turbo Quattro	[APB]				01.00- 01.02	111769	12 1.4
A6 2.8	[AFC]	01.95- 01.98	112806	14 120	01.95- 01.98	112309	12 1.4
	[AHA]	01.98- 01.99	112806	14 120	01.98- 01.99	111769	12 1.4
	[ATQ]	01.00- 01.00	112806	14 120	01.00- 01.00	111769	12 1.4
	[AAH]	01.95-	112806	14 120	01.95-	112309	12 1.4
A6 2.8 Quattro	[AFC]	01.95- 01.98	112806	14 120	01.95- 01.98	112309	12 1.4
	[AHA]	01.98- 01.99	112806	14 120	01.98- 01.99	111769	12 1.4
	[ATQ]				01.00- 01.01	111769	12 1.4
A6 3.0 Quattro	[AVK]				01.02- 01.02	111769	12 1.4
A6 4.2 Quattro	[ART]				01.00- 01.00	111817	12 1.8
	[AWN]				01.01- 01.02	111817	12 1.8
AB 3.7	[AEW]				01.97- 01.99	111817	12 1.8
AB 4.2 Quattro	[ABZ]				01.97- 01.99	111817	12 1.8
	[AKB]				01.00- 01.02	111817	12 1.8
	[AUX]				01.01- 01.02	111817	12 1.8
AB 4.2 L Quattro	[AKB]				01.01- 01.02	111817	12 1.8
	[AUX]				01.01- 01.02	111817	12 1.8
Allroad 2.7 Turbo Quattro	[APB]				01.01- 01.02	111769	12 1.4
Cabriolet 2.8	[AFC]	01.95- 01.98	112806	14 120	01.95- 01.98	112309	12 1.4
	[AAH]	01.94-	112806	14 120	01.94-	112309	12 1.4
Coupe 2.2	[WE]	01.81- 01.82	111139	14 75			
Coupe 2.2 GT	[KX]	01.86- 01.87	112729	14 90	01.84- 01.87	111010	12 1.4
	[WE]	01.83- 01.84	110913	14 70	01.83- 01.84	111010	12 1.4
		01.83- 01.84	111139	14 75			
Coupe 2.2 Turbo Quattro	[WX]	01.83- 01.84	111139	14 75	01.85-	111010	12 1.4
Coupe 2.3 Quattro	[7A]	01.90- 01.91	112777	14 115	01.90- 01.91	111010	12 1.4
Coupe 2.3 GT	[NG]	01.87-	112729	14 90	01.87-	111010	12 1.4
Fox 1.5	[XV]				01.74-	111058	12 0.8
	[XW]				01.74-	111058	12 0.8
	[XY]				01.74-	111058	12 0.8
	[XZ]				01.74-	111058	12 0.8
	[ZD]				01.73-	111058	12 0.8
	[ZE]				01.73-	111058	12 0.8
Fox 1.6	[YG]				01.75- 01.79	111058	12 0.8
	[YH]				01.75- 01.79	111058	12 0.8
	[YK]	01.76-	110975	14 65	01.76-	111058	12 0.8
S4 2.2 Turbo	[AAN]	01.92- 01.94	112777	14 115	01.92- 01.94	111010	12 1.4
S4 2.7 Turbo	[APB]				01.00- 01.02	111769	12 1.4
S6 2.2 Turbo	[AAN]	01.95-	112806	14 120	01.95-	111010	12 1.4
S6 4.2	[BBD]				01.02- 01.02	111817	12 1.8
S8 4.2	[AVS]				01.02- 01.02	111817	12 1.8
					01.01- 01.01	111817	12 1.8
TT 1.8 Turbo	[ATC]	01.00- 01.00	112402	14 120	01.00- 01.00	112005	12 1.1
	[AWP]	01.01- 01.02	112402	14 120	01.01- 01.02	112429	12 2.0
		01.03-	112002	14 120 A47			
		01.03-	114797	14 120 A46	01.01- 01.02	112005	12 1.1
		01.03-	115483	14 120 A49			



TT 1.8 Turbo Quattro	[AMU]	01.01- 01.02	112402	14	120		01.01- 01.02	112429	12	2.0
							01.01- 01.02	112005	12	1.1
	[ATC]	01.00- 01.00	112402	14	120		01.00- 01.00	112005	12	1.1
	[AWP]	01.01- 01.02	112402	14	120		01.01- 01.02	112005	12	1.1
							01.01- 01.02	112429	12	2.0
	[BEA]	01.03-	112002	14	120 A47					
		01.03-	112402	14	120					
		01.03-	114797	14	120 A46					
		01.03-	115483	14	120 A49					
V8 3.6 32V Quattro	[PT]	01.90- 01.91	112777	14	115					
V8 4.2 32V Quattro	[ABH]	01.92- 01.94	112777	14	115					
<b>PASSENGER CARS AO</b>										
A3 1.8 Turbo	[BVZ]						08.06-	113773	12	1.1
A3 2.0	[BUY]	06.06-	113992	14	140					
		06.06- 08.12	115370	14	110					
A3 2.0 Sportback	[BUY]	06.06-	113992	14	140					
		06.06-	115370	14	110					
A3 3.2 V6	[BMJ]	11.05-	113992	14	140					
	[BUB]	11.05-	113992	14	140					
A4 1.8 FSi	[CDHA]	04.08-	115367	14	140		04.08-	115394	12	1.1
							04.08-	115733	12	1.7
A4 2.0 TDi	[BVF]	11.05- 03.08	113992	14	140		AT 11.05- 03.08	114177	12	2.0
							11.05- 03.08	114096	12	2.0
	[CAGC]					A25 06.08-	115636	12	1.7	
						06.08-	115635	12	1.7	
	[CJCC]					06.08-	115635	12	1.7	
A4 2.0 TDi Quattro	[CAHA]	01.08-	114322	14	140		A25 06.08-	115636	12	1.7
							01.08-	115635	12	1.7
A4 2.4	[AFM]	06.96- 07.97	111478	14	90					
		06.96- 07.97	112086	14	60					
A4 2.6	[ACZ]	06.96- 07.97	111478	14	90					
		06.96- 07.97	112806	14	120					
A4 2.7 TDi	[CAMB]	06.08-	114780	14	140		06.08-	115948	12	2.2
		06.08-	115631	14	150					
	[CGKB]	06.08-	114780	14	140		06.08-	115948	12	2.2
		06.08-	115631	14	150					
A6 3.0	[BBJ]					08.04- 05.06	115946	12	1.2	
A6 3.0 TDi PF	[ASB]	06.06-	114408	14	180		06.06-	114094	12	2.2
A6 3.2 FSi Quattro	[BYU]	09.06-	115414*	14	180					
A8 3.0 L Quattro	[ASN]	08.03- 05.05	113751	14	120		08.03- 05.05	111769	12	1.4
	[BBJ]	11.03- 05.04	113751	14	120		11.03- 05.06	111769	12	1.4
TT 2.0 Quattro	[CDLA]	05.08-	113992	14	140		05.08-	115638	12	1.7
		05.08-	115433*	14	140		05.08-	113773	12	1.1
		05.08-	115730	14	140		A41 05.08-	115333	12	1.0
	[CDMA]	05.08-	113992	14	140		05.08-	115638	12	1.7
		05.08-	115433*	14	140		05.08-	113773	12	1.1
		05.08-	115730	14	140					
<b>Austin</b>										
<b>PASSENGER CARS EU</b>										
1100 MK 1.1		01.72- 12.74	110178	14	36		01.70- 12.74	111102	12	0.8
		01.73- 12.74	110759	14	35					
1300 MK 1.3		01.72- 12.74	110178	14	36		01.70- 12.74	111102	12	0.8
		01.73- 12.74	110759	14	35					
1300 MK 1.3 GT		01.72- 12.74	110178	14	36		01.70- 12.74	111102	12	0.8
		01.73- 12.74	110759	14	35					
Allegro 1.0	[99H]	01.80- 10.83	111185	14	43 A47		01.80- 10.83	111102	12	0.8
Allegro 1.1	[10H]	05.73- 10.81	110178	14	36		05.73- 10.81	111102	12	0.8
		05.73- 04.77	110759	14	35					
		05.73- 10.81	111185	14	43 A47					
Allegro 1.3	[12H]	05.73- 10.83	110178	14	36		05.73- 10.83	111102	12	0.8
		05.73- 04.77	110759	14	35					
		05.73- 10.83	111185	14	43 A47					
	[12L]	01.75- 10.79	110178	14	36		01.75- 10.79	111102	12	0.8
		01.75- 10.79	113378	14	45					
Allegro 1.5	[14H]	05.73-	110178	14	36		05.73- 03.82	111102	12	0.8
		05.73- 03.82	111185	14	43 A47					
		08.75-	113378	14	45					
Allegro 1.7	[17LA]	01.75- 10.79	110178	14	36					
		08.79-	110178	14	36					
		08.79-	111185	14	43 A47					
Ambassador 1.7	[17HL]	03.82- 02.84	111289	14	70					
Ambassador 2.0	[20H]	03.82- 10.84	111289	14	70					
Maestro 1.3	[12H]	03.83- 09.92	110770	14	55					
		03.83-	113474	14	65					
		03.83- 08.85	111289	14	70					
Maestro 1.6	[16H999AA]	03.83- 10.84	111086	14	65					
	[16H956AK]	03.83- 10.84	113474	14	65					
	[16HA03AL]	03.83- 08.85	111086	14	65					
		03.83-	113474	14	65					
	[16HC37]	03.83- 08.90	111086	14	65					
		03.83-	113474	14	65					
Maestro 1.6 MG	[16HA35AL]	03.83- 08.90	111086	14	65					
		03.83-	113474	14	65					
Maestro 2.0	[20HA50AA]	10.84- 08.90	110770	14	55		10.84- 08.90	111131	12	0.8
	[20HC51AA]	10.84- 08.90	110770	14	55		10.84- 08.90	111131	12	0.8
	[20HC81]	10.84- 08.90	110770	14	55		10.84- 08.90	111131	12	0.8
	[14H]	04.69- 07.80	110178	14	36		04.69- 07.80	111102	12	0.8
Maxi 1.7 1750	[17H]	10.80- 12.82	113378	14	45					
Maxi 1.7 1750 HLS	[17H]	10.80- 12.82	113378	14	45					
Maxi 1.8 1750	[17H]	04.69- 10.80	110178	14	36		04.69- 10.80	111102	12	0.8
		10.72- 10.80	110178	14	36		10.72- 10.80	111102	12	0.8
Metro 1.0	[99H]	10.80- 04.90	111185	14	43 A47					
		10.80- 04.90	111289	14	70					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**AUSTIN** *Continued*

	[99HA65P]	10.80- 04.90	111185	14 43	A47	10.80- 12.86	111102	12 0.8
		10.80- 04.90	111289	14 70				
Metro 1.3	[12H]	10.80- 04.90	111185	14 43	A47	10.80-	111102	12 0.8
		01.85- 04.90	111289	14 70				
	[12H996AA]	10.80- 12.85	111185	14 43	A47	10.80-	111102	12 0.8
		01.85- 12.85	111289	14 70				
	[12HA83AA]	10.80- 04.90	111185	14 43	A47	10.80-	111102	12 0.8
		01.85- 04.90	111289	14 70				
	[12HC21AA]	11.85- 04.90	111289	14 70		11.85- 12.86	111102	12 0.8
	[12HL]	10.80- 12.83	111185	14 43	A47			
Metro 1.3 Turbo	[12HA85AA]	10.83- 04.90	111362	14 55		10.83-	111102	12 0.8
Mini 0.85 850	[BMC Serie A]	01.67- 08.79	110178	14 36		01.67- 08.79	111102	12 0.8
Mini 1.0 1000	[99H]	10.67- 08.88	110178	14 36		10.67- 09.84	111102	12 0.8
		10.67- 09.84	111185	14 43	A47			
	[A]	10.67-	110178	14 36		10.67- 09.84	111102	12 0.8
		10.67- 09.84	111185	14 43	A47			
Mini 1.0 1000 Mayfair Sport	[99H997P]	08.82- 06.93	111289	14 70		08.82- 10.85	111102	12 0.8
	[99HA53P]	08.82-	111185	14 43	A47	08.82- 10.85	111102	12 0.8
		08.82- 06.93	111289	14 70				
	[99HC20P]	08.82- 06.93	111289	14 70		08.82- 10.85	111102	12 0.8
	[99HD81]	09.88- 06.93	111289	14 70				
Mini 1.1 1100 Special	[10H]	01.76- 08.81	110178	14 36		01.76- 08.81	111102	12 0.8
Mini 1.3 1300	[12A2L]	01.92-	112203	14 65				
Mini 11.3 GT 1275		10.69- 08.80	110178	14 36		10.69- 08.80	111102	12 0.8
Montego 1.3	[12HL]	10.84- 08.88	111362	14 55				
Montego 1.6	[16HC37]	04.84- 08.88	111086	14 65				
		AC 04.84- 08.88	112238	14 65				
Montego 2.0	[20H]	04.84- 08.91	110770	14 55				
		04.84- 08.88	110968	14 70				
	[20HSC]	04.84- 08.91	110770	14 55				
		04.84- 08.88	110968	14 70				
		AC 04.84- 08.88	111355	14 65				
Montego 2.0 i Turbo	[20HC85]	04.84- 08.88	110770	14 55				
		04.84- 08.88	110968	14 70				
		AC 04.84- 08.88	111355	14 65				
Montego 2.0 i	[20H]	04.84- 08.88	110770	14 55				
		04.84- 08.88	110968	14 70				
		AC 04.84- 08.88	111355	14 65				
Princess 1.7 1700	[17HL]	10.78- 10.82	111185	14 43	A47			
Princess 1.8 1800	[18H]	04.76- 09.78	111185	14 43	A47			
Princess 2.0 2000	[20H]	10.78- 10.82	111185	14 43	A47			
Princess 2.2 2200	[22H]	04.76- 10.82	111185	14 43	A47			
<b>PASSENGER CARS US</b>								
America 1.3						01.68- 01.72	111102	12 0.8
Cooper 0.9						01.65- 01.66	111102	12 0.8
Cooper 1.0						01.62- 01.64	111102	12 0.8
Cooper 1.1						01.64- 01.64	111102	12 0.8
Cooper 1.3						01.64- 01.69	111102	12 0.8
Healey 1.0 Sprite						01.62- 01.62	111102	12 0.8
Healey 1.1 Sprite						01.63- 01.66	111102	12 0.8
Healey 1.3 Sprite						01.67- 01.67	111102	12 0.8
Healey MK 1.3 Sprite						01.68- 01.70	111102	12 0.8
Mariner 1.8		01.73- 01.75	110178	14 36				
Mariner 1.8 GT		01.73- 01.75	110178	14 36				
<b>Austin-Healey</b>								
<b>PASSENGER CARS EU</b>								
Sprite MK 1.1	[10CG-D-A]	03.64- 09.66	110497	14 70				
Sprite MK 1.3	[10CG-D-A]	03.66- 10.71	110497	14 70				
<b>Autobianchi</b>								
<b>PASSENGER CARS EU</b>								
A 112 0.9	[A112A5.000]					01.76- 12.78	110365	12 0.8
A 112 0.9 Junior	[A112A5.000]	07.75- 12.85	111078	14 45		07.75- 12.85	110365	12 0.8
	[A112B2.000]	07.75- 12.85	111078	14 45		07.75- 12.85	110365	12 0.8
A 112 0.9 E	[A112A5.000]					01.73- 12.77	110365	12 0.8
A 112 1.0 Abarth	[A112A1.000]					09.71- 12.75	110365	12 0.8
	[A112A2.000]	01.74- 12.84	111078	14 45		01.74- 12.84	110365	12 0.8
A 112 1.0 E Elite,LX	[A112B1.000]	11.77- 12.84	111078	14 45		11.77- 12.84	110365	12 0.8
Y10 1.0	[156A.000]	03.85-	111035	14 65		03.85-	111025	12 0.8
	[156A2.000]	03.85-	111621	14 55		03.85-	111025	12 0.8
	[156A2.246]	10.87-	111036	14 45		10.87-	111025	12 0.8
Y10 1.0 4WD	[156A3.000]	12.86-	111036	14 45		12.86-	111025	12 0.8
Y10 1.0 Turbo	[156A1.000]	03.85-	111621	14 55		03.85-	111025	12 0.8
Y10 1.1	[156C.000]	06.89-	111621	14 55		06.89-	111025	12 0.8
Y10 1.1 4WD	[156C.000]	06.89-	111621	14 55		06.89-	111025	12 0.8
Y10 1.1 i.e.	[156C.046]	09.90-	111621	14 55		09.90-	111025	12 0.8
Y10 1.3 i.e. GT	[146A5.046]	06.89-	111148	14 65		01.89- 09.92	111025	12 0.8
	[156B.000]	06.89-	111148	14 65				
<b>Avia</b>								
<b>TRUCKS EU</b>								
D 120.185 4.5	[ISBe5185]					06.09-	115638	12 1.7
<b>INDUSTRY</b>								
Various models							111269	12 1.4 GR
						01.77- 01.79	111573	12 2.8
<b>Balkancar</b>								
<b>INDUSTRY</b>								
Various models							114254	12 2.7 GR
						01.68- 01.74	110443	12 2.1
						01.81-	110545	12 3.0
						01.69-	110442	12 2.1
<b>Barber Greene</b>								
<b>INDUSTRY</b>								
Various models							113269	12 3.0 GR
<b>Baudouin</b>								
<b>MARINE</b>								
Various models			110052	28 40				



BCS										
<b>AGRICULTURE</b>										
270								12.86-	112171	12 1.1
303								12.86-	112171	12 1.1
								06.78-	112034	12 1.7
603								06.90-	112171	12 1.1
622								01.68-	112034	12 1.7
701								03.86-	112171	12 1.1
735								04.88-	112171	12 1.1
737								07.89-	112171	12 1.1
745								01.84-	112034	12 1.7 DD
								01.84-	112171	12 1.1 GR
<b>Bedford</b>										
<b>PASSENGER CARS EU</b>										
Astramax 1.3	[13NB]	01.84- 12.88	113376	14	55					
Blitz 2.0 Diesel	[20DTR]	10.80- 10.83	111166	14	70					
Blitz 2.3	[23L]	02.80- 10.83	111656	14	45					
Blitz 2.3 Diesel	[23D]	01.80- 12.83	113376	14	55			09.84- 10.87	110844	12 2.2
Rascal 1.0	[FA10A]	07.86- 06.90	110385	14	40			07.86- 06.90	110402	12 0.6
								07.86- 06.90	111385	12 0.6
TL 3.6	[220]							01.80- 11.86	110459	12 2.8
TL 5.4	[330]							01.80- 11.86	110459	12 2.8
								01.80- 11.86	111737	12 2.8
Various models		01.76- 12.89	113376	14	55			01.75-	110459	12 2.8
		10.78- 12.80	111656	14	45					
<b>TRUCKS EU</b>										
Various models		01.72- 12.86	113376	14	55			09.84-	110844	12 2.2
		01.72-	110179	14	36			01.75-	110459	12 2.8
		01.70-	110178	14	36					
<b>Beijing Benz (BBDC)</b>										
<b>PASSENGER CARS AO</b>										
300 C 2.7	[EER]	10.06-	114832	14	180					
300 C 3.5	[EGG]	10.06-	114832	14	180					
300 C 5.7	[EZB]	10.06-	114832	14	180					
C 230 2.5	[M272.921]	05.08-	115905	14	150					
C 280 3.0	[M272.947]	03.08-	115905	14	150					
<b>Belarus</b>										
<b>AGRICULTURE</b>										
MTZ 100	[D240T]								112488	12 2.7
MTZ 1221 7.2	[D-260.2]								113356	24 3.5
MTZ 142	[D181T]								112488	12 2.7
MTZ 145	[D260T]								112488	12 2.7
MTZ 1522 7.2	[D-260.6]								113356	24 3.5
MTZ 80	[D240]								112488	12 2.7
MTZ 890	[D-245.5]								113356	24 3.5
Various models									112488	12 2.7
<b>Benford</b>										
<b>AGRICULTURE</b>										
Various models									113269	12 3.0
<b>BENFRA</b>										
<b>INDUSTRY</b>										
Various models	[8031..]							01.79- 06.85	110517	24 3.2
								07.85-	110521	24 4.0
								01.79- 06.85	110529	12 3.0
								07.87- 06.90	110813	12 2.7
	[8041..]	01.89- 01.91	111419	28	55			04.81- 02.82	110517	24 3.2
								01.80-	110521	24 4.0
								01.89-	110529	12 3.0
	[8051..]							07.81-	110521	24 4.0
	[8061..]	05.89-	111419	28	55			10.82-	110521	24 4.0
								10.85- 04.91	110529	12 3.0
	[8131..]							01.80- 01.88	110814	12 2.7
	[8361..]	05.89-	111419	28	55			01.82-	110518	24 4.0
<b>Bentley</b>										
<b>PASSENGER CARS EU</b>										
Continental 4.0 AWD	[CMMD]							12.13-	115559	12 1.4
	[CYCA]							12.13-	116054	12 1.4 A49
								12.13-	115559	12 1.4
								12.13-	116054	12 1.4 A49
Continental Cabriolet 4.0 AWD	[CMMC]							04.12-	115559	12 1.4
	[CYCB]							04.12-	116054	12 1.4 A49
								04.12-	115559	12 1.4
								04.12-	116054	12 1.4 A49
Continental Coupe 4.0 AWD	[CMMC]							04.12-	115559	12 1.4
	[CYCB]							09.11-	116054	12 1.4 A49
								09.11-	115559	12 1.4
								09.11-	116054	12 1.4
<b>Bertolini</b>										
<b>INDUSTRY</b>										
Various models								01.67-	112171	12 1.1
								09.87-	119111	12 1.4
								04.86- 07.87	112173	12 2.7
<b>BMW</b>										
<b>PASSENGER CARS EU</b>										
114 1.6 i	(F21)[N13B16A]							12.11-	115962	12 1.7
114 1.6 Diesel	(F20, F21)[N47D16A]							10.12-	115335	12 2.2
	(F21)							10.12-	116059	12 2.2 A49
								07.12-	115335	12 2.2
								07.12-	116059	12 2.2 A49
116 1.6 i	(F20)[N13B16A]							06.11-	115962	12 1.7
	(F21)							12.11-	115962	12 1.7
	(1E81)[N43B16A]	08.07- 09.12	115931*	14	170			08.07-	114740	12 1.2
	(1E87)	08.07- 09.12	115931*	14	170			08.07-	114740	12 1.2
	(E81, E87)	03.07- 09.12	115931*	14	170			AT 03.07- 09.12	114740	12 1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

BMW Continued

	(E87)	11.03- 09.12	113871	14 150 A49		11.03- 09.12	114740	12 1.2	
		11.03- 09.12	115867*	14 150		11.03- 09.12	115398	12 1.7	
		11.03- 09.12	115931*	14 170		11.03- 09.12	114297	12 1.2	
		03.07- 09.12	114781	14 110					
	(E81)[N45B16A]	09.07-	113871	14 150 A49					
	(E87)	11.03- 09.12	113871	14 150 A49		11.03- 09.12	115398	12 1.7	
		11.03- 09.12	115867*	14 150		11.03- 09.12	114297	12 1.2	
		11.03- 09.12	115931*	14 170		11.03- 09.12	114740	12 1.2	
		03.07- 09.12	114781	14 110					
116 1.6 Diesel	(F20)[N47D16A]					09.11-	115335	12 2.2	
						11.12-	116059	12 2.2	A49
	(F21)					12.11-	115335	12 2.2	
						12.11-	116059	12 2.2	A49
116 2.0 i	(E81, E87)[N43B20A]	11.08- 09.12	115931*	14 170		11.08- 09.12	114740	12 1.2	
					A25	11.08- 09.12	115398	12 1.7	
	(E87)	11.03- 09.12	115931*	14 170		11.03- 09.12	114740	12 1.2	
						11.03- 09.12	115398	12 1.7	
116 2.0 Diesel	(1E81)[N47D20A]	01.11- 12.11	114292	14 180		01.11- 12.11	114689	12 2.0	
						01.11- 12.11	115335	12 2.2	
						01.11- 12.11	116059	12 2.2	A49
	(E81, E87)	11.08- 09.12	114292	14 180		09.04-	114689	12 2.0	
					A25	11.08- 09.12	115335	12 2.2	
						11.08- 09.12	116059	12 2.2	A49
	(E87)	12.08- 09.12	114292	14 180		12.08- 09.12	114689	12 2.0	
					A25	12.08- 09.12	115335	12 2.2	
						12.08- 09.12	116059	12 2.2	A49
	(1E81)[N47D20C]	01.11- 12.11	114292	14 180		01.11- 12.11	114689	12 2.0	
					A25	01.11- 12.11	115335	12 2.2	
						01.11- 12.11	116059	12 2.2	A49
	(E81, E87)	11.08- 09.12	114292	14 180		11.08- 09.12	114689	12 2.0	
					A25	11.08- 09.12	115335	12 2.2	
						11.08- 09.12	116059	12 2.2	A49
	(E87)	01.11- 12.11	114292	14 180		01.11- 12.11	114689	12 2.0	
					A25	01.11- 12.11	115335	12 2.2	
						01.11- 12.11	116059	12 2.2	A49
	(F20)					06.11-	115335	12 2.2	
						06.11-	116059	12 2.2	A49
	(F21)					01.12-	115335	12 2.2	
						01.12-	116059	12 2.2	A49
118 1.6 i	(F20)[N13B16A]					06.11-	115962	12 1.7	
	(F21)					07.12-	115962	12 1.7	
118 2.0 i	(E87)[N43B20A]	07.04- 09.12	113871	14 150 A49		07.04- 09.12	114297	12 1.2	
		07.04- 09.12	115867*	14 150	AT	07.04- 09.12	114740	12 1.2	
		07.04- 09.12	115931*	14 170		07.04- 09.12	115398	12 1.7	
	(E88)	03.08-	115931*	14 170	AT	03.08-	114740	12 1.2	
						03.08-	115398	12 1.7	
	(E81)[N46B20B]	05.07-	113871	14 150 A49					
	(E87)	07.04- 09.12	113871	14 150 A49		07.04- 09.12	115398	12 1.7	
		07.04- 09.12	115867*	14 150		07.04- 09.12	114297	12 1.2	
		07.04- 09.12	115931*	14 170	AT	07.04- 09.12	114740	12 1.2	
	(E88)	09.08-	113871	14 150 A49		09.08-	114297	12 1.2	
		09.08-	115867*	14 150					
	(E87)[N46B20C]	09.06- 09.12	115931*	14 170	AT	09.06- 09.12	114740	12 1.2	
						09.06- 09.12	115398	12 1.7	
118 2.0 Diesel	(1E81)[M47D20 (204D4)]	09.04- 09.12	114720	14 150		09.04-	114091	12 1.8	
	(E87)[M47D20(204D4)]	11.03- 09.12	114292	14 180		11.03- 09.12	114689	12 2.0	
		11.03- 09.12	114720	14 150	A25	11.03- 09.12	115335	12 2.2	
					A25	11.03- 09.12	116059	12 2.2	A49
						11.03- 09.12	114091	12 1.8	
						11.03- 09.12	114127	12 1.6	A49
						11.03- 09.12	116059	12 2.2	A49
	(1E81)[N47D20A]	09.04- 09.12	114720	14 150		09.04- 09.12	114091	12 1.8	
	(E81, E87)	09.06- 09.12	114292	14 180		03.07-	114689	12 2.0	
					A25	09.06- 09.12	115335	12 2.2	
						09.06- 09.12	116059	12 2.2	A49
	(E87)	11.03- 09.12	114292	14 180		11.03- 09.12	114689	12 2.0	
		11.03- 09.12	114720	14 150	A25	11.03- 09.12	115335	12 2.2	
					A25	11.03- 09.12	116059	12 2.2	A49
						11.03- 09.12	114091	12 1.8	
						11.03- 09.12	114127	12 1.6	A49
						11.03- 09.12	116059	12 2.2	A49
	(E88)	09.08-	114292	14 180		09.08-	114689	12 2.0	
					A25	09.08-	115335	12 2.2	
						09.08-	116059	12 2.2	A49
	(1E81)[N47D20C]	09.04- 09.12	114720	14 150		09.04- 09.12	114091	12 1.8	
	(E81, E87)	09.06- 09.12	114292	14 180		09.06- 09.12	114689	12 2.0	
					A25	09.06- 09.12	115335	12 2.2	
						09.06- 09.12	116059	12 2.2	A49
	(E82)	09.09-	114292	14 180		09.09-	114689	12 2.0	
					A25	09.09-	115335	12 2.2	
						09.09-	116059	12 2.2	A49
						09.09-	115335	12 2.2	
						09.09-	116059	12 2.2	A49
	(E87)	11.03- 09.12	114292	14 180		11.03- 09.12	114689	12 2.0	
		11.03- 09.12	114720	14 150	A25	11.03- 09.12	115335	12 2.2	
					A25	11.03- 09.12	116059	12 2.2	A49
						11.03- 09.12	114091	12 1.8	
						11.03- 09.12	114127	12 1.6	A49
						11.03- 09.12	116059	12 2.2	A49
	(E88)	09.08-	114292	14 180		09.08-	114689	12 2.0	
					A25	09.08-	115335	12 2.2	
						09.08-	116059	12 2.2	A49
	(F20)					12.10-	115335	12 2.2	
						12.10-	115558	12 1.4	
						12.10-	116059	12 2.2	A49





	(F21)					12.11-	115335	12	2.2	
						12.11-	116059	12	2.2	A49
118 2.0 Diesel xDrive	(F20)[N47D20C]					07.13-	115335	12	2.2	
						07.13-	116059	12	2.2	A49
	(F21)					05.13-	115335	12	2.2	
						05.13-	115558	12	1.4	
						05.13-	116059	12	2.2	A49
120 1.6 i	(F20)[N13B16A]					03.15-	115962	12	1.7	
	(F21)					03.15-	115962	12	1.7	
120 2.0 i	(E87)[N43B20]					09.06- 09.12	114740	12	1.2	
						09.06- 09.12	115398	12	1.7	
	(E81, E87)[N43B20A]	09.06- 09.12	115931*	14	170	09.06- 09.12	114740	12	1.2	
						09.06- 09.12	115398	12	1.7	
	(E82)	09.09-	115931*	14	170	09.09-	114740	12	1.2	
						A25 09.09-	115398	12	1.7	
	(E87)	11.03- 09.12	113871	14	150	A49	11.03- 09.12	115398	12	1.7
		11.03- 09.12	115867*	14	150		11.03- 09.12	114297	12	1.2
		11.03- 09.12	115931*	14	170		AT 11.03- 09.12	114740	12	1.2
	(E88)	03.08-	115931*	14	170		AT 03.08-	114740	12	1.2
							03.08-	115398	12	1.7
	(E87)[N46B20A]	11.03- 09.12	113871	14	150	A49	09.06- 09.12	114740	12	1.2
		11.03- 09.12	115867*	14	150		A25 09.06- 09.12	115398	12	1.7
							11.03- 09.12	114297	12	1.2
	(E81)[N46B20B]	02.07-	113871	14	150	A49				
	(E81, E87)	09.06- 09.12	113871	14	150	A49	09.06- 09.12	114740	12	1.2
		09.06- 09.12	114781	14	110		09.06- 09.12	115398	12	1.7
		09.06- 09.12	115867*	14	150					
		09.06- 09.12	115931*	14	170		09.06- 09.12	114297	12	1.2
	(E82)	09.09-	113871	14	150	A49	09.09-	114297	12	1.2
		09.09-	114781	14	110					
		09.09-	115867*	14	150					
	(E87)	11.03- 09.12	113871	14	150	A49	11.03- 09.12	114297	12	1.2
		11.03- 09.12	115867*	14	150		11.03- 09.12	114740	12	1.2
		11.03- 09.12	115931*	14	170		11.03- 09.12	115398	12	1.7
	(E88)	03.08-	113871	14	150	A49	03.08-	114297	12	1.2
		03.08-	115867*	14	150					
	(E87)[N46B20BD]	11.03- 09.12	113871	14	150	A49	11.03- 09.12	115398	12	1.7
		11.03- 09.12	115867*	14	150		11.03- 09.12	114297	12	1.2
		11.03- 09.12	115931*	14	170		11.03- 09.12	114740	12	1.2
	(E81, E87)[N46B20C]	09.06- 09.12	113871	14	150	A49	09.06- 09.12	114740	12	1.2
		09.06- 09.12	115867*	14	150		09.06- 09.12	115398	12	1.7
		09.06- 09.12	115931*	14	170		03.07-	114297	12	1.2
	(E87)	11.03- 09.12	113871	14	150	A49	11.03- 09.12	114740	12	1.2
		11.03- 09.12	115867*	14	150		11.03- 09.12	114297	12	1.2
		11.03- 09.12	115931*	14	170		11.03- 09.12	115398	12	1.7
	(E88)	03.08-	113871	14	150	A49	03.08-	114297	12	1.2
		03.08-	115867*	14	150					
	(E87)[N46B20CC]	11.03- 09.12	113871	14	150	A49	11.03- 09.12	115398	12	1.7
		11.03- 09.12	115867*	14	150		11.03- 09.12	114297	12	1.2
		11.03- 09.12	115931*	14	170		11.03- 09.12	114740	12	1.2
	(E87)[N46B20CD]	11.03- 09.12	113871	14	150	A49	11.03- 09.12	115398	12	1.7
		11.03- 09.12	115867*	14	150		11.03- 09.12	114297	12	1.2
		11.03- 09.12	115931*	14	170		11.03- 09.12	114740	12	1.2
120 2.0 Diesel	(1E81)[M47D20 (204D4)]	09.06- 09.12	114720	14	150		09.06- 09.12	114091	12	1.8
	(E87)[M47D20(204D4)]	11.03- 09.12	114292	14	180		11.03- 09.12	114689	12	2.0
							A25 11.03- 09.12	115335	12	2.2
							11.03- 09.12	116059	12	2.2
							11.03- 09.12	115335	12	2.2
							11.03- 09.12	116059	12	2.2
	(1E81)[N47D20A]	09.04-	114720	14	150		09.04-	114091	12	1.8
	(E82)	10.07-	114292	14	180		10.07-	114689	12	2.0
							A25 10.07-	115335	12	2.2
							10.07-	116059	12	2.2
	(E87)	11.03- 09.12	114292	14	180		11.03- 09.12	114689	12	2.0
							A25 11.03- 09.12	115335	12	2.2
							11.03- 09.12	116059	12	2.2
							11.03- 09.12	115335	12	2.2
							11.03- 09.12	116059	12	2.2
	(E88)	03.08-	114292	14	180		03.08-	114689	12	2.0
							A25 03.08-	115335	12	2.2
							03.08-	116059	12	2.2
	(1E81)[N47D20C]	09.06- 09.12	114720	14	150		09.04-	114091	12	1.8
	(E82)	10.07-	114292	14	180		10.07-	114689	12	2.0
							A25 10.07-	115335	12	2.2
							10.07-	116059	12	2.2
	(E87)	11.03- 09.12	114292	14	180		11.03- 09.12	114689	12	2.0
							A25 11.03- 09.12	115335	12	2.2
							11.03- 09.12	116059	12	2.2
							11.03- 09.12	115335	12	2.2
							11.03- 09.12	116059	12	2.2
	(E88)	03.08-	114292	14	180		03.08-	114689	12	2.0
							A25 03.08-	115335	12	2.2
							03.08-	116059	12	2.2
							03.08-	115335	12	2.2
							03.08-	116059	12	2.2
	(F20)						12.10-	115335	12	2.2
	(F21)						12.10-	116059	12	2.2
							01.12-	115335	12	2.2
							01.12-	116059	12	2.2
120 2.0 Diesel xDrive	(F20)[N47D20C]						01.11-	115335	12	2.2
							01.11-	116059	12	2.2
	(F20, F21)						12.10-	115335	12	2.2
							12.10-	116059	12	2.2
	(F21)						01.12-	115335	12	2.2
							01.12-	116059	12	2.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

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123 2.0 Diesel	(E81, E87)[N47D20B]	03.07- 09.12	114292	14	180	03.07- 09.12	114689	12	2.0	
						A25 03.07- 09.12	115335	12	2.2	
						03.07- 09.12	116059	12	2.2	A49
	(E82)					A25 10.07-	115335	12	2.2	
						10.07-	116059	12	2.2	A49
						10.07-	114689	12	2.0	
	(E87)	03.07- 09.12	114292	14	180	03.07- 09.12	114689	12	2.0	
						A25 03.07- 09.12	115335	12	2.2	
						03.07- 09.12	116059	12	2.2	A49
	(E88)	09.08-	114292	14	180	09.08-	114689	12	2.0	
						A25 09.08-	115335	12	2.2	
						09.08-	116059	12	2.2	A49
(E87)[N47D20C]	03.07- 09.12	114292	14	180	03.07- 09.12	114689	12	2.0		
					03.07- 09.12	115335	12	2.2		
					03.07- 09.12	116059	12	2.2	A49	
(E81, E87)[N47D20D]	03.07- 09.12	114292	14	180	10.07-	114689	12	2.0		
					A25 03.07- 09.12	115335	12	2.2		
					03.07- 09.12	116059	12	2.2	A49	
(E82)	10.07-	114292	14	180	10.07-	114689	12	2.0		
					A25 10.07-	115335	12	2.2		
					10.07-	116059	12	2.2	A49	
(E87)	03.07- 09.12	114292	14	180	03.07- 09.12	114689	12	2.0		
					A25 03.07- 09.12	115335	12	2.2		
					03.07- 09.12	116059	12	2.2	A49	
(E88)	09.08-	114292	14	180	09.08-	114689	12	2.0		
					A25 09.08-	115335	12	2.2		
					09.08-	116059	12	2.2	A49	
125 2.0 i	(F20)[N20B20A]					08.11-	115562	12	1.7	
	(F21)					12.11-	115562	12	1.7	
125 2.0 Diesel	(F20)[N47D20D]					08.11-	115335	12	2.2	
	(F21)					08.11-	116059	12	2.2	A49
						12.11-	115335	12	2.2	
						12.11-	116059	12	2.2	A49
125 3.0 i	(E82)[N52B30A]	10.07-	114524	14	180 VA	10.07-	114740	12	1.2	
	(E88)	03.08-	114524	14	180 VA	10.07-	115574	12	1.2	
						03.08-	114740	12	1.2	
						03.08-	115574	12	1.2	
130 3.0 i	(E81, E87)[N52B30A]	09.06- 09.12	114524	14	180 VA	09.06- 09.12	114740	12	1.2	
						09.06- 09.12	115574	12	1.2	
	(E87)	03.05- 09.12	114524	14	180 VA	03.05- 09.12	114740	12	1.2	
		03.05- 09.12	115904*	14	150					
						03.05- 09.12	115574	12	1.2	
	(E87)[N52B30AF]	03.05- 09.12	114524	14	180 VA	03.05- 09.12	114740	12	1.2	
		03.05- 09.12	115904*	14	150					
						03.05- 09.12	115574	12	1.2	
	(E81, E87)[N52B30B]	09.06- 09.12	114524	14	180 VA	09.06- 09.12	114740	12	1.2	
						09.06- 09.12	115574	12	1.2	
	(E87)	03.05- 09.12	114524	14	180 VA	03.05- 09.12	114740	12	1.2	
		03.05- 09.12	115904*	14	150					
(E81, E87)[N52B30BF]	09.06- 09.12	114524	14	180 VA	09.06- 09.12	114740	12	1.2		
					09.06- 09.12	115574	12	1.2		
(E87)	03.05- 09.12	114524	14	180 VA	03.05- 09.12	114740	12	1.2		
	03.05- 09.12	115904*	14	150						
					03.05- 09.12	115574	12	1.2		
135 3.0 i	(E82)[N54B30A]					10.07-	114740	12	1.2	
	(E88)					10.07-	115574	12	1.2	
						03.08-	114740	12	1.2	
						03.08-	115574	12	1.2	
	(E82)[N55B30A]					10.07-	114740	12	1.2	
	(E88)					10.07-	115574	12	1.2	
						03.08-	114740	12	1.2	
						03.08-	115574	12	1.2	
135 3.0 i M 135 i	(F21)[N55B30A]					03.15-	115562	12	1.7	
216 1.5 Active Tourer	(F45)[B38A15A]					11.15-	115999	12	1.4	
216 1.5 Gran Tourer	(F46)[B38A15A]					07.15-	115999	12	1.4	
218 2.0 Diesel	(F22)[N47D20C]					01.14-	115335	12	2.2	
						01.14-	116059	12	2.2	A49
220 2.0 i	(F23)[N20B20B]					11.14-	115562	12	1.7	
						10.13-	115562	12	1.7	
220 2.0 Diesel	(F22, F87)[B47D20A]					11.14-	115335	12	2.2	
						11.14-	115558	12	1.4	
						11.14-	116059	12	2.2	A49
	(F22)[N47D20C]					10.13-	115335	12	2.2	
						10.13-	115558	12	1.4	
					10.13-	116059	12	2.2	A49	
225 2.0 Diesel	(F22)[N47D20D]					01.14-	115335	12	2.2	
						01.14-	116059	12	2.2	A49
						11.14-	115562	12	1.7	
228 2.0 i	(F23)[N20B20A]									
316 1.6	(E21)[M10B16]	08.75- 08.80	110877	14	65					
		08.75- 03.77	112310	14	55					
316 1.6 Ci	(E46)[M43B16 (164E3)]	10.99-	112413	14	90	04.00-	111911	12	1.4	
	(E46)[N45B16A]	06.02-	113871	14	150 A49	06.02-	113292	12	1.4	
		06.02-	115867*	14	150					
316 1.6 i	(E30)[M40B16]	09.87- 08.88	111147	14	80	09.87- 06.94	114118	12	1.4	
						09.87- 06.91	111911	12	1.4	
	(E36)	07.93- 02.98	111946	14	80	09.90- 02.98	114118	12	1.4	
						07.93- 02.98	111911	12	1.4	
	(E36)[M43B16]	07.93- 12.98	111946	14	80	07.93- 12.98	111911	12	1.4	
						09.90- 08.00	114118	12	1.4	
	(E46)	04.00-	112413	14	90	04.00-	111911	12	1.4	
	(E46)[M43B16 (164E3)]	04.00- 02.05	112413	14	90	04.00- 02.05	111911	12	1.4	
	(F30)[N13B16A]					10.12-	115962	12	1.7	
	(F31)					03.13-	115962	12	1.7	
	(E46)[N40B16A]	06.02- 02.05	113871	14	150 A49	06.02-	113292	12	1.4	
		06.02- 02.05	115867*	14	150					
(E90)[N43B16A]	09.07- 12.11	115931*	14	170	09.07- 12.11	114740	12	1.2		
					A25 09.07- 12.11	115398	12	1.7		

## STARTERS & ALTERNATORS



	(E91)	05.08- 05.12	115931*	14	170		09.07- A25 09.07-	114740 115398	12	1.2 1.7
	(E92)	09.07-	115931*	14	170		09.07- 09.07-	114740 115398	12	1.2 1.7
	(E46)[N45B16]	06.02- 02.05	115867*	14	150					
	(E90)	09.05- 09.05- 12.11 09.05- 12.11	113871 114781 115867*	14	150 A49 110 150		09.05-	114297	12	1.2
	(E46)[N45B16A]	06.02- 06.02- 02.05	113871 115867*	14	150 A49 150		06.02- 02.05	113292	12	1.4
	(E90)	09.05- 09.05- 12.11	113871 115867*	14	150 A49 150		09.05-	114297	12	1.2
	(E90)[N45B16TU2]	09.05- 09.05- 12.11 09.05- 12.11	113871 114781 115867*	14	150 110 150 A49		09.05-	114297	12	1.2
316 1.6 Ti	(E46)[N40B16A]	06.02- 02.05 06.02- 02.05	113871 115867*	14	150 A49 150		06.02- 02.05	113292	12	1.4
	(E46)[N45B16A]	06.02- 02.05 06.02- 02.05	113871 115867*	14	150 A49 150		06.02- 02.05	113292	12	1.4
316 1.6 G	(E36)[M43B16]	12.95-	111946	14	80		12.95- 12.95- 08.00	111911 114118	12	1.4 1.4
316 1.8	(E30)[M10B18]	09.82- 12.85 09.82- 08.85	110877 111147	14	65 80					
316 1.8 Ecotronic	(E30)[M10B18]	09.83- 08.87 09.83- 08.85	110877 111147	14	65 80					
316 1.8 i	(E30)[M10B18]	09.87- 08.88	111147	14	80					
	(E46)[N42B18]	02.02- 04.04 02.02- 04.04	113871 115867*	14	150 A49 150		02.02-	113292	12	1.4
	(E46)[N42B18A]	03.02- 02.05 03.02- 02.05	113871 115867*	14	150 A49 150		03.02-	113292	12	1.4
	(E46)[N46B18]	03.02- 02.05 03.02- 02.05	113871 115867*	14	150 A49 150		03.02- 02.05	113292	12	1.4
	(E46)[N46B18A]	03.02- 02.05 03.02- 02.05	113871 115867*	14	150 A49 150		03.02- 02.05	113292	12	1.4
316 1.8 Ti	(E46)[N42B18]	06.01- 03.04 06.01- 03.04	113871 115867*	14	150 A49 150		06.01-	113292	12	1.4
	(E46)[N46B18A]	04.04- 12.04 04.04- 12.04	113871 115867*	14	150 A49 150					
316 1.9 i	(E36)[M43B19 (194E1)]	12.98- 08.00 01.99- 09.00	111946 112413	14	80 90		01.99-	111911	12	1.4
	(E46)	01.99-	112413	14	90		01.99-	111911	12	1.4
316 2.0 Diesel	(E90)[N47D20C]	07.09- 12.11 07.09- 12.11	114292 115581	14	180 180		07.09- A25 07.09- 12.11 A25 07.09- 12.11	114689 115335 116059	12	2.0 2.2 2.2 A49
	(E91)	09.09-	115581	14	180		09.09- A25 09.09- 09.09-	114689 115335 116059	12	2.0 2.2 2.2 A49
	(F30)						02.12- 02.12-	115335 116059	12	2.2 2.2 A49
316 2.0 Diesel Touring	(F31)[N47D20C]						06.12- 06.12-	115335 116059	12	2.2 2.2 A49
316 1.7 TDS	(E36)[M41D18]	01.95- 08.00	113868	14	95		01.95- 01.95- 08.00	111908 111911	12	1.8 1.4
318 1.8	(E21)[M10B18]	08.75- 08.80	110877	14	65					
318 1.8 i	(E30)[M10B18]	12.84- 08.87	111147	14	80					
	(E30)[M40B18]						09.87- 04.93 09.87- 06.94	111911 114118	12	1.4 1.4
	(E36)						12.90- 02.94	114118	12	1.4
	(E36)[M43B18]	09.93-	111946	14	80		01.94- 10.93- 02.98	111911 114118	12	1.4 1.4
318 1.8 iS	(E30)[M42B18]						09.89- 08.91 09.89- 08.91	111911 114118	12	1.4 1.4
	(E36)	09.93- 09.97	111946	14	80		03.92- 09.97 03.92- 10.95	111911 114118	12	1.4 1.4
318 1.8 Ti	(E36)[M42B18]	11.94- 08.95	111946	14	80		11.94- 08.95 11.94- 08.95	111911 114118	12	1.4 1.4
318 1.9 i	(E46)[M43B19]	02.98-	112413	14	90		02.98-	111911	12	1.4
	(E46)[M43B19 (194E1)]	10.99- 09.01	112413	14	90		10.99- 09.01	111911	12	1.4
	(E46)[M43B19TU]	02.98- 09.01	112413	14	90		02.98- 09.01	111911	12	1.4
318 1.9 iS	(E36)[M44B19]	09.95-	111946	14	80		09.95-	111911	12	1.4
	(E36)[M44B19 (194S1)]	09.95- 04.99	111946	14	80		09.95- 04.99	111911	12	1.4
318 1.9 Ti	(E36)[M44B19]	07.95-	111946	14	80		07.95-	111911	12	1.4
	(E36)[M44B19 (194S1)]	07.95- 08.00	111946	14	80		07.95- 08.00	111911	12	1.4
318 2.0 Ci	(E46)[N42B20A]	09.01- 09.01-	113871 115867*	14	150 A49 150		09.01-	113292	12	1.4
	(E46)[N46B20A]	09.01- 09.01-	113871 115867*	14	150 A49 150		09.01-	113292	12	1.4
	(E46)[N46B20B]	02.05- 02.05-	113871 115867*	14	150 A49 150		02.05-	113292	12	1.4
318 2.0 i	(E46)[N42B20A]	09.01- 02.05 09.01- 02.05	113871 115867*	14	150 A49 150		09.01-	113292	12	1.4
	(E90)[N43B20A]	09.07- 12.11	115931*	14	170		AT 09.07- 12.11 09.07- 12.11	114740 115398	12	1.2 1.7
	(E91)	09.07-	115931*	14	170		09.07- A25 09.07-	114740 115398	12	1.2 1.7
	(E92)	03.10-	115931*	14	170					
	(E93)	03.10-	115931*	14	170					
	(E46)[N46B20]	09.01- 02.05 09.01- 02.05	113871 115867*	14	150 A49 150		09.01- 02.05	113292	12	1.4
	(E90)	09.05- 09.05- 09.05-	113871 114781 115867*	14	150 A49 110 150		09.05-	114297	12	1.2
	(E91)	01.06- 01.06- 03.06-	114781 115867* 113871	14	110 150 150 A49		01.06-	114297	12	1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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	(E46)[N46B20A]	09.01-02.05	113871	14 150 A49		09.01-02.05	113292	12 1.4
		09.01-02.05	115867*	14 150				
	(E90)[N46B20B]	09.05-	113871	14 150 A49		09.05-	114297	12 1.2
		09.05-	114781	14 110				
		09.05-	115867*	14 150				
	(E91)	01.06-	115867*	14 150		09.07-	114740	12 1.2
		03.06-	113871	14 150 A49		01.06-	114297	12 1.2
		09.07-	115931*	14 170	A25	09.07-	115398	12 1.7
	(E90)[N46B20TU2]	09.07-12.11	113871	14 150 A49		09.07-	114297	12 1.2
		09.07-12.11	115867*	14 150				
		09.07-12.11	115931*	14 170				
	(E91)	09.07-	113871	14 150 A49		09.07-	114297	12 1.2
		09.07-	115867*	14 150				
		09.07-	115931*	14 170				
318 2.0 Ti	(E46)[N42B20]	09.01-02.05	113871	14 150 A49		09.01-	113292	12 1.4
		09.01-02.05	115867*	14 150				
	(E46)[N42B20A]	09.01-02.05	113871	14 150 A49		09.01-	113292	12 1.4
		09.01-02.05	115867*	14 150				
	(E46)[N46B20A]	09.01-02.05	113871	14 150 A49		09.01-02.05	113292	12 1.4
		09.01-02.05	115867*	14 150				
318 2.0 Diesel	(E46)[M47D20D1]	09.01-	113407	14 150		09.01-03.03	113925	12 1.8
	(E46)[M47D20]	09.01-02.05	113407	14 150		09.01-02.05	113925	12 1.8
	(E46)[M47D20 (204D4)]	03.03-02.05	113858	14 150 A49		03.03-02.05	114127	12 1.6 A49
		03.03-02.05	113881	14 150				
		03.03-02.05	115976	14 150				
	(E46)[M47D20(204D4)]	03.03-02.05	113858	14 150 A49		03.03-02.05	114127	12 1.6 A49
		03.03-	113881	14 150				
		03.03-02.05	115976	14 150				
	(E90)[M47N204D4]					09.05-	114091	12 1.8
	(E91)	09.05-	114720	14 150		09.05-	114091	12 1.8
	(E90)[N47D20A]	09.05-12.11	114292	14 180		09.05-	114689	12 2.0
		09.05-12.11	115581	14 180	A25	09.05-12.11	115335	12 2.2
					A25	09.05-12.11	116059	12 2.2 A49
	(E91)	09.07-	114292	14 180		09.07-	114689	12 2.0
		09.07-	115581	14 180	A25	09.07-	115335	12 2.2
					A25	09.07-	116059	12 2.2 A49
	(E90)[N47D20C]	09.05-12.11	114292	14 180		09.05-12.11	115335	12 2.2
		09.05-12.11	115581	14 180		09.05-12.11	114689	12 2.0
					A25	07.07-12.11	116059	12 2.2 A49
					A25	09.05-12.11	116059	12 2.2 A49
	(E91)	07.07-	115581	14 180		07.07-	114689	12 2.0
		09.07-	114292	14 180	A25	09.07-	115335	12 2.2
					A25	07.07-	116059	12 2.2 A49
	(F30)					02.12-	115335	12 2.2
						02.12-	116059	12 2.2 A49
	(F30, F35)					02.12-	115335	12 2.2
						02.12-	115558	12 1.4
						02.12-	116059	12 2.2 A49
	(F31)					06.12-	115335	12 2.2
						06.12-	116059	12 2.2 A49
318 2.0 Diesel Gran Turismo	(F34)[N47D20C]					03.13-	115335	12 2.2
						03.13-	115558	12 1.4
						03.13-	116059	12 2.2 A49
318 2.0 Diesel Touring	(F31)[N47D20C]					06.12-	115335	12 2.2
						06.12-	116059	12 2.2 A49
318 2.0 Diesel xDrive	(F30)[N47D20C]					11.12-	115335	12 2.2
						11.12-	116059	12 2.2 A49
	(F31)					01.13-	115335	12 2.2
						01.13-	116059	12 2.2 A49
318 2.0 TD	(E46)[M47D20 (204D4)]	03.03-02.05	113881	14 150		03.03-02.05	114127	12 1.6 A49
320 1.6 i	(F30)[N13B16A]					02.12-	115962	12 1.7
320 2.0	(E21)[M10B20]	08.75-03.77	112310	14 55		08.75-08.77	110772	12 1.0
320 2.0 i	(E21)[M10B20]					10.75-08.77	110772	12 1.0
	(E30)[M20B20]	09.82-08.85	111147	14 80		01.88-12.91	111400	12 1.4
	(E36)[M50B20]	09.90-10.99	112687	14 80		09.90-10.99	111911	12 1.4
	(E36)[M50B20 (206S1)]	09.94-02.98	112687	14 80		09.94-02.98	111911	12 1.4
	(E36)[M50B20 (206S2)]	09.90-02.98	112687	14 80		09.90-02.98	111911	12 1.4
	(E36)[M50B20TU]	03.92-10.99	112687	14 80		03.92-10.99	111911	12 1.4
	(E36)[M52B20]	09.90-12.99	112687	14 80		09.90-12.99	111911	12 1.4
	(E46)	03.98-	112193	14 120		03.98-09.01	111911	12 1.4
	(E36)[M52B206S3]	01.95-	112687	14 80		01.95-	111911	12 1.4
	(E46)	03.98-09.00	112193	14 120		03.98-09.00	111911	12 1.4
	(E46)[M52B206S4]	08.99-09.00	112193	14 120		08.99-09.00	111911	12 1.4
	(E46)[M54B22(226S1)]					09.00-	111911	12 1.4
	(F30)[N20B20A]					02.12-	115562	12 1.7
	(E90)[N43B20A]	09.07-12.11	115931*	14 170		09.07-12.11	114740	12 1.2
					A25	09.07-12.11	115398	12 1.7
	(E91)	09.07-	115931*	14 170		09.07-	114740	12 1.2
					A25	09.07-	115398	12 1.7
	(E92)	01.07-	115931*	14 170				
		03.07-	113871	14 150 A49				
		03.07-	115867*	14 150				
	(E93)	01.07-	115931*	14 170		AT 01.07-	114740	12 1.2
		03.07-	113871	14 150		01.07-	115398	12 1.7
		03.07-	115867*	14 150		03.07-	114297	12 1.2
	(E90)[N46B20]	01.05-	113871	14 150 A49		01.05-	114297	12 1.2
		01.05-	114781	14 110				
		01.05-	115867*	14 150				
	(E90)[N46B20A]	01.05-	113871	14 150 A49		01.05-	114297	12 1.2
		01.05-	115867*	14 150				
	(E92)	11.06-06.07	113871	14 150 A49		11.06-06.07	114297	12 1.2
		11.06-06.07	115867*	14 150				
	(E90)[N46B20B]	01.05-	113871	14 150 A49		01.05-	114297	12 1.2
		01.05-	115867*	14 150				
	(E91)	09.05-	113871	14 150 A49				
	(E92)	03.07-	113871	14 150 A49				



	(E93)	03.07- 08.07	113871	14 150 A49		03.07- 08.07	114297	12 1.2
		03.07- 08.07	115867*	14 150				
		03.07-	115931*	14 170				
	(E90)[N46B20C]	01.05-	113871	14 150 A49		01.05-	114297	12 1.2
		01.05-	115867*	14 150				
	(E92)[N46NB20B]	11.06- 06.07	113871	14 150 A49		11.06- 06.07	114297	12 1.2
		11.06- 06.07	114781	14 110				
		11.06- 06.07	115867*	14 150				
320 2.0 i Gran Turismo	(F34)[N20B20A]					03.13-	115562	12 1.7
	(F34)[N20B20B]					03.13-	115562	12 1.7
320 2.0 i Gran Turismo xDrive	(F34)[N20B20A]					03.13-	115562	12 1.7
	(F34)[N20B20B]					03.13-	115562	12 1.7
320 2.0 i L-Jetronic	(E30)[M20B20]					07.87- 03.93	111400	12 1.4
320 2.0 i Motronic	(E30)[M20B20]					07.87- 03.93	111400	12 1.4
320 2.0 i Touring	(F31)[N20B20B]					06.12-	115562	12 1.7
320 2.0 i xDrive	(F30)[N20B20A]					11.11-	115562	12 1.7
	(F31)[N20B20B]					06.12-	115562	12 1.7
320 2.0 iS	(E30)[S14204EA]					05.88- 12.90	111400	12 1.4
320 2.0 Si	(E90)[N45B20A]	03.06- 09.06	113871	14 150 A49		05.06-	114297	12 1.2
		05.06- 12.11	115867*	14 150				
320 2.0 Diesel	(E46)[M47204D1]	02.98- 04.05	112462	14 120		02.98- 04.05	113925	12 1.8
		02.98- 04.05	113407	14 150				
	(E46)[M47D20]	04.98-	112462	14 120		04.98- 09.01	113925	12 1.8
		09.99- 09.01	113407	14 150				
	(E46)[M47D20 (204D4)]	11.03-	113881	14 150		11.03-	114127	12 1.6 A49
	(E90)	01.05- 12.11	114720	14 150		01.05-	114091	12 1.8
		01.05- 12.11	115581	14 180		09.05-	114127	12 1.6 A49
	(E91)	09.05- 09.07	114720	14 150		09.05- 09.07	114091	12 1.8
		09.05- 09.07	115581	14 180				
	(E46)[M47D20(204D4)]	09.01- 09.01	113407	14 150 ▲				
		09.01- 02.05	113881	14 150		09.01- 02.05	114127	12 1.6 A49
	(E91)[M47N204D5]	09.05- 09.07	114720	14 150		09.05- 09.07	114091	12 1.8
		09.05- 09.07	115581	14 180				
	(E90)[N47D20A]	09.07- 12.11	114292	14 180		09.07-	114689	12 2.0
		09.07- 12.11	115581	14 180		A25 09.07- 12.11	115335	12 2.2
						A25 09.07- 12.11	116059	12 2.2 A49
	(E91)	09.05- 09.07	114720	14 150		A25 09.07-	116059	12 2.2 A49
		09.05- 09.07	115581	14 180		A25 09.07-	115335	12 2.2
		09.07-	114292	14 180		09.07-	114689	12 2.0
						09.05- 09.07	114091	12 1.8
	(E92)					A25 03.07-	115335	12 2.2
						03.07-	116059	12 2.2 A49
						03.07-	114689	12 2.0
	(E93)	03.07-	114292	14 180		03.07-	114689	12 2.0
						A25 03.07-	115335	12 2.2
						03.07-	116059	12 2.2 A49
	(E90)[N47D20C]	01.05- 12.11	114720	14 150		A25 09.07- 12.11	115335	12 2.2
		01.05- 12.11	115581	14 180		09.07- 12.11	114689	12 2.0
		09.07- 12.11	114292	14 180		01.05-	114091	12 1.8
						A25 09.07- 12.11	116059	12 2.2 A49
	(E91)	09.05- 09.07	114720	14 150		A25 09.07-	116059	12 2.2 A49
		09.05- 09.07	115581	14 180		A25 09.07-	115335	12 2.2
		09.07-	114292	14 180		09.07-	114689	12 2.0
						09.05- 09.07	114091	12 1.8
	(E92)	01.07-	115581	14 180		A25 01.07-	116059	12 2.2 A49
		01.10-	114292	14 180		A25 01.07-	115335	12 2.2
						01.10-	114689	12 2.0
	(E93)	03.07-	114292	14 180		03.07-	114689	12 2.0
		01.08-	115581	14 180		A25 03.07-	115335	12 2.2
						A25 03.07-	116059	12 2.2 A49
						01.08-	116059	12 2.2 A49
	(F30)					10.11-	115335	12 2.2
						10.11-	115558	12 1.4
						10.11-	116059	12 2.2 A49
	(F30, F35, F80)					02.12-	115335	12 2.2
						02.12-	116059	12 2.2 A49
	(F31)					10.11-	115335	12 2.2
						10.11-	116059	12 2.2 A49
	(F34)					03.13-	115335	12 2.2
						03.13-	115558	12 1.4
						03.13-	116059	12 2.2 A49
320 2.0 Diesel Gran Turismo	(F34)[N47D20C]					03.13-	115335	12 2.2
						03.13-	115558	12 1.4
						03.13-	116059	12 2.2 A49
320 2.0 Diesel Gran Turismo xDrive	(F34)[N47D20C]					03.13-	115558	12 1.4
320 2.0 Diesel Touring	(F31)[N47D20C]					06.12-	115335	12 2.2
						06.12-	116059	12 2.2 A49
320 2.0 Diesel Xdrive	(E91)[N47D20A]					A25 09.07-	115335	12 2.2
						09.07-	116059	12 2.2 A49
						09.07-	114689	12 2.0
	(E92)					A25 03.07-	115335	12 2.2
						03.07-	116059	12 2.2 A49
						03.07-	114689	12 2.0
	(E90)[N47D20C]	07.08- 12.11	115581	14 180		09.07- 12.10	114689	12 2.0
		09.08- 12.11	114292	14 180		A25 09.07- 12.11	115335	12 2.2
						A25 09.07- 12.11	116059	12 2.2 A49
	(E91)	09.08-	114292	14 180		A25 09.08-	115335	12 2.2
		09.08-	115581	14 180		09.08-	114689	12 2.0
						A25 09.08-	116059	12 2.2 A49
	(E92)	01.10-	114292	14 180		09.08-	114689	12 2.0
		01.10-	115581	14 180		A25 09.08-	115335	12 2.2
						A25 09.08-	116059	12 2.2 A49
	(F30)					10.11-	115335	12 2.2
						10.11-	116059	12 2.2 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

BMW Continued

	(F30, F35, F80)				05.12-	115335	12	2.2	
					05.12-	115558	12	1.4	
					05.12-	116059	12	2.2	A49
	(F31)				06.12-	115335	12	2.2	
					06.12-	115558	12	1.4	
					06.12-	116059	12	2.2	A49
	(F34)				05.13-	115335	12	2.2	
					05.13-	116059	12	2.2	A49
320 2.0 TD	(E46)[M47D20 (204D4)]	09.01- 09.02	113407	14 150 ▲	09.01- 02.05	114127	12	1.6	A49
		09.01- 01.05	113881	14 150					
320 2.2 Ci	(E46)[M54B22]				09.00-	111911	12	1.4	
	(E46)[M54B22(226S1)]	01.06- 12.07	112193	14 120	09.00- 12.07	111911	12	1.4	
320 2.2 i	(E46)[M54B22(226S1)]				09.00-	111911	12	1.4	
323 2.3 i	(E30)[M20B23]	09.83- 08.85	111147	14 80					
323 2.5 Ci	(E46)[M52B25 (Vanos)]	04.99-	112193	14 120	04.98- 09.00	111911	12	1.4	
323 2.5 i	(E36)[M52B25]	03.95-	112687	14 80	03.95-	111911	12	1.4	
	(E36)[M52B25 (256S3)]	03.95-	112687	14 80	03.95-	111911	12	1.4	
	(E46)[M52B25 (256S4)]	03.98-	112193	14 120	03.98- 09.00	111911	12	1.4	
	(E36)[M52B25 (Vanos)]	06.95- 04.99	112687	14 80	06.95- 04.99	111911	12	1.4	
	(E46)	03.98- 09.00	112193	14 120	03.98- 09.00	111911	12	1.4	
	(E46)[M52B25TU]	03.98- 09.00	112193	14 120	03.98- 09.00	111911	12	1.4	
	(E90)[N52B25]	04.06- 06.07	114524	14 180 VA	04.06- 06.07	114740	12	1.2	
		04.06- 06.07	115904*	14 150	04.06- 06.07	115574	12	1.2	
	(E91)[N52B25A]	04.06- 07.08	114524	14 180 VA	04.06- 07.08	114740	12	1.2	
		04.06- 06.07	115904*	14 150	04.06- 07.08	115574	12	1.2	
323 2.5 Ti	(E36)[M52B25]	08.97- 08.00	112687	14 80	08.97- 08.00	111911	12	1.4	
324 2.4 Diesel	(E30)[M21D24W]				09.85- 08.91	112533	12	2.2	
324 2.4 TD	(E30)[M21D24]				09.87- 08.91	112533	12	2.2	
	(E30)[M21D24WA]				01.88- 06.93	112533	12	2.2	
325 2.0 Diesel	(F30)[N47D20D]				10.11-	115335	12	2.2	
					10.11-	116059	12	2.2	A49
	(F30, F35, F80)				10.11-	115335	12	2.2	
					10.11-	115558	12	1.4	
					10.11-	116059	12	2.2	A49
	(F31)				03.13-	115335	12	2.2	
					03.13-	115558	12	1.4	
					03.13-	116059	12	2.2	A49
325 2.0 Diesel Gran Turismo	(F34)[N47D20D]				03.13-	115558	12	1.4	
325 2.5 Ci	(E46)[M54B25 (256S5)]				09.00-	111911	12	1.4	
325 2.5 i	(E30)[M20B25]	09.83- 08.85	111147	14 80	12.86- 10.93	111400	12	1.4	
	(E30)[M20B25 (256E1)]				12.86- 03.93	111400	12	1.4	
	(E30)[M20B25 (256E2)]				12.86- 10.93	111400	12	1.4	
	(E30)[M20B25 (256EX)]				12.86- 10.93	111400	12	1.4	
	(E30)[M20B25 (256K1)]				12.86- 10.93	111400	12	1.4	
	(E36)[M50B20TU]	09.90- 09.95	112687	14 80	09.90- 09.95	111911	12	1.4	
	(E36)[M50B25]	09.91- 04.99	112687	14 80	09.90- 04.99	111911	12	1.4	
	(E36)[M50B25 (256S1)]	09.91- 04.99	112687	14 80	09.90- 04.99	111911	12	1.4	
	(E36)[M50B25 (256S2)]	09.91- 04.99	112687	14 80	09.90- 04.99	111911	12	1.4	
	(E36)[M50B25TU]	03.92- 04.99	112687	14 80	03.92- 04.99	111911	12	1.4	
	(E46)[M54B25 (256S5)]				09.00-	111911	12	1.4	
	(E90)[N52B25]	01.05-	114524	14 180 VA	01.05- 12.11	114740	12	1.2	
		01.05- 12.11	115904*	14 150	01.05- 12.11	115574	12	1.2	
	(E93)	03.07-	114524	14 180 VA	03.07-	114740	12	1.2	
					03.07-	115574	12	1.2	
	(E90)[N52B25A]	01.05- 12.11	114524	14 180 VA	01.05- 12.11	114740	12	1.2	
		01.05- 12.11	115904*	14 150	01.05- 12.11	115574	12	1.2	
	(E92)	09.06-	114524	14 180 VA	09.06-	114740	12	1.2	
					09.06-	115574	12	1.2	
	(E93)	03.07-	114524	14 180 VA	03.07-	114740	12	1.2	
					03.07-	115574	12	1.2	
	(E90)[N52B25C]	01.05-	114524	14 180 VA	01.05-	114740	12	1.2	
		01.05-	115904*	14 150	01.05-	115574	12	1.2	
	(E92)	09.06-	114524	14 180 VA	09.06-	114740	12	1.2	
					09.06-	115574	12	1.2	
	(E92)				06.06- 12.10	114740	12	1.2	
	(E92)				06.06- 12.10	115574	12	1.2	
325 2.5 i xDrive	(E92)[N52B25A]	09.06- 12.13	114524	14 180 VA	09.06- 12.13	114740	12	1.2	
					09.06- 12.13	115574	12	1.2	
325 2.5 iX	(E30)[M20B25]				01.87- 10.93	111400	12	1.4	
	(E30)[M20B25 (256E1)]				01.87- 12.87	111400	12	1.4	
	(E30)[M20B25 (256E2)]				01.87- 12.87	111400	12	1.4	
	(E30)[M20B25 (256EX)]				01.87- 12.87	111400	12	1.4	
	(E30)[M20B25 (256K1)]				01.87- 12.87	111400	12	1.4	
325 2.5 Ti	(E46)[M54B25256S5]				06.01-	111911	12	1.4	
325 2.5 Xi	(E46)[M54B25 (256S5)]				09.00-	111911	12	1.4	
	(E90)[N52B25A]	01.05- 12.11	114524	14 180 VA	01.05-	114740	12	1.2	
		01.05- 12.11	115904*	14 150	01.05- 12.11	115574	12	1.2	
	(E91)	01.05-	114524	14 180 VA	01.05-	114740	12	1.2	
		01.05-	115904*	14 150	01.05-	115574	12	1.2	
	(E92)	09.06-	114524	14 180 VA	09.06-	114740	12	1.2	
					09.06-	115574	12	1.2	
	(E90)[N52B25C]	01.05-	114524	14 180 VA	01.05-	114740	12	1.2	
		01.05- 12.11	115904*	14 150	01.05- 12.11	115574	12	1.2	
	(E91)	01.05-	114524	14 180 VA	01.05-	114740	12	1.2	
		01.05-	115904*	14 150	01.05-	115574	12	1.2	
	(E92)	09.06-	114524	14 180 VA	09.06-	114740	12	1.2	
					09.06-	115574	12	1.2	
325 2.5 TD	(E36)[M51D25]	03.91- 02.98	112800	14 95					
		09.91-	111788	14 105	09.91- 02.98	113446	12	2.2	
325 2.5 TDS	(E36)[M51D25]	05.93-	111788	14 105	05.93- 10.99	113446	12	2.2	
		05.93- 12.95	112800	14 95					
325 2.7 E	(E30)[M20B27]	09.83- 08.85	111147	14 80	01.87- 12.88	111400	12	1.4	
	(E30)[M20B27 (276KA)]	09.83- 08.85	111147	14 80	01.87- 12.88	111400	12	1.4	
	(E30)[M20B27 (276KB)]	09.83- 08.85	111147	14 80	01.87- 12.88	111400	12	1.4	
325 3.0 i	(E92)[N51B30A]	09.07-	114524	14 180 VA	09.07-	114740	12	1.2	
					09.07-	115574	12	1.2	





	(E93)					03.07-	114740	12	1.2		
						03.07-	115574	12	1.2		
	(E91)[N53 B30A]	09.07-	114524	14	180	VA	01.12-	114740	12	1.2	
							01.12-	115574	12	1.2	
	(E90)[N53B30]	09.07- 12.11	114524	14	180	VA	09.07- 12.11	114740	12	1.2	
							09.07- 12.11	115574	12	1.2	
	(E91)	09.07-	114524	14	180	VA	09.07-	114740	12	1.2	
							09.07-	115574	12	1.2	
	(E92)	09.07-	114524	14	180	VA	09.07-	114740	12	1.2	
							09.07-	115574	12	1.2	
	(E93)	03.07-	114524	14	180	VA	03.07-	114740	12	1.2	
							03.07-	115574	12	1.2	
	(E90)[N53B30A]	09.07- 12.11	114524	14	180	VA	09.07- 12.11	114740	12	1.2	
							09.07- 12.11	115574	12	1.2	
	(E91)	09.07-	114524	14	180	VA	09.07-	114740	12	1.2	
							09.07-	115574	12	1.2	
	(E92)	07.07-	114524	14	180	VA	07.07-	114740	12	1.2	
							07.07-	115574	12	1.2	
	(E93)	10.06-	114524	14	180	VA	10.06-	114740	12	1.2	
							10.06-	115574	12	1.2	
	(E90)	06.06- 12.11	114524	14	180	VA	06.06- 12.11	114740	12	1.2	
							06.06- 12.11	115574	12	1.2	
325 3.0 i Xdrive	(E91)[N51B30A]	09.07-	114524	14	180	VA	09.08-	114740	12	1.2	
							09.08-	115574	12	1.2	
	(E92)	09.08-	114524	14	180	VA	09.08-	114740	12	1.2	
							09.08-	115574	12	1.2	
	(E90)[N53B30A]	09.08- 12.11	114524	14	180	VA	09.08- 12.11	114740	12	1.2	
							09.08- 12.11	115574	12	1.2	
	(E91)	09.07-	114524	14	180	VA	09.08-	114740	12	1.2	
							09.08-	115574	12	1.2	
	(E92)	09.08-	114524	14	180	VA					
325 3.0 Xi	(E90)[N53B30A]	09.07- 12.11	114524	14	180	VA	09.07- 12.11	114740	12	1.2	
							09.07- 12.11	115574	12	1.2	
	(E91)	09.07-	114524	14	180	VA	09.07-	114740	12	1.2	
							09.07-	115574	12	1.2	
	(E92)	09.07-	114524	14	180	VA	09.07-	114740	12	1.2	
							09.07-	115574	12	1.2	
325 3.0 Diesel	(E90)[M57D30 (306D3)]	09.06- 12.11	114720	14	150		09.06-	114091	12	1.8	
	(E91)	09.06-	114720	14	150		09.06-	114091	12	1.8	
	(E92)	03.07-	114720	14	150		03.07-	114091	12	1.8	
	(E93)	01.07- 12.09	114720	14	150		01.07- 12.09	114091	12	1.8	
	(E93)[M57D30306D3]						03.10-	115335	12	2.2	
							02.10-	116059	12	2.2	A49
	(E91)[M57N2306D3]						02.10-	115335	12	2.2	
							02.10-	116059	12	2.2	A49
	(E92)						04.10-	114689	12	2.0	
	(E93)[N57D30 (306D3)]						03.07-	114091	12	1.8	
	(E90)[N57D30A]						01.10-	114689	12	2.0	
	(E91)						04.10-	115335	12	2.2	
							02.10-	116059	12	2.2	A49
	(E92)						04.10-	114689	12	2.0	
	(E93)						03.10-	115335	12	2.2	
							02.10-	116059	12	2.2	A49
328 2.0 i	(F30)[N20B20A]						10.11-	115562	12	1.7	
							10.11-	115574	12	1.2	
	(F30)[N26B20A]						10.11-	115562	12	1.7	
							10.11-	115574	12	1.2	
328 2.0 i Gran Turismo	(F34)[N20B20A]						03.13-	115562	12	1.7	
328 2.0 i Gran Turismo xDrive	(F34)[N20B20A]						03.13-	115562	12	1.7	
328 2.0 i Touring	(F31)[N20B20A]						06.12-	115562	12	1.7	
328 2.0 i xDrive	(F30)[N20B20A]						10.11-	115562	12	1.7	
	(F31)						06.12-	115562	12	1.7	
328 2.8 Ci	(E46)[M52B28]	04.99-	112193	14	120		04.99-	111911	12	1.4	
	(E46)[M52B28 (286S2)]	04.99- 06.00	112193	14	120		04.99- 06.00	111911	12	1.4	
328 2.8 i	(E36)[M52B28]	01.95-	112687	14	80		01.95-	111911	12	1.4	
	(E46)	02.98-	112193	14	120		02.98-	111911	12	1.4	
	(E36)[M52B28 (286S1)]	01.95- 10.99	112687	14	80		01.95- 10.99	111911	12	1.4	
	(E46)[M52B28 (286S2)]	02.98- 06.00	112193	14	120		02.98- 06.00	111911	12	1.4	
	(E36)[M52B28TU]	01.95- 10.99	112687	14	80		01.95- 10.99	111911	12	1.4	
330 2.9 Diesel	(E46)[M57D30]	09.99-	112462	14	120		10.99-	113446	12	2.2	
		09.99-	112468	14	150						
		10.99-	113407	14	150		10.99- 02.05	115506	12	2.0	A49
	(E46)[M57D30 (306D1)]	10.99- 02.05	112462	14	120		10.99- 02.05	113446	12	2.2	
		10.99- 02.05	112468	14	150						
		10.99- 02.05	113407	14	150		10.99- 02.05	115506	12	2.0	A49
330 2.9 Diesel Xdrive	(E46)[M57D30]	06.00-	113407	14	150		06.00-	113446	12	2.2	
							06.00- 03.06	115506	12	2.0	A49
330 3.0 Ci	(E46)[M54306S3]						06.00-	111911	12	1.4	
	(E46)[M54B30 (306S3)]	06.00-	112193	14	120		06.00-	111911	12	1.4	
		06.00-	113858	14	150	A49					
		06.00-	115976	14	150						
330 3.0 i	(E46)[M54B30 (306S3)]						06.00-	111911	12	1.4	
	(E90)[N52B30]	01.05- 12.11	114524	14	180	VA	01.05- 12.11	114740	12	1.2	
		01.05- 12.11	115904*	14	150		01.05- 12.11	115574	12	1.2	
	(E90)[N52B30A]	01.05- 12.11	114524	14	180	VA	01.05- 12.11	114740	12	1.2	
		01.05- 12.11	115904*	14	150		01.05- 12.11	115574	12	1.2	
	(E92)	09.06-	114524	14	180	VA	09.06-	114740	12	1.2	
							09.06-	115574	12	1.2	
	(E93)	03.07- 12.13	114524	14	180	VA	03.07- 12.13	114740	12	1.2	
							03.07- 12.13	115574	12	1.2	
	(E90)[N52B30B]	09.07- 12.11	114524	14	180	VA	09.07- 12.11	114740	12	1.2	
		09.07- 12.11	115904*	14	150		09.07- 12.11	115574	12	1.2	
	(E90)[N52B30BF]	09.07- 12.11	114524	14	180	VA	09.07- 12.11	114740	12	1.2	
		09.07- 12.11	115904*	14	150		09.07- 12.11	115574	12	1.2	
	(E90)[N53B30A]	09.07- 12.11	114524	14	180	VA	09.07- 12.11	114740	12	1.2	
		09.07- 12.11	115904*	14	150		09.07- 12.11	115574	12	1.2	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



BMW Continued

	(E91)	09.07-	114524	14 180 VA	09.07-	114740	12 1.2	
					09.07-	115574	12 1.2	
	(E92)	03.07- 12.13	114524	14 180 VA	03.07- 12.13	114740	12 1.2	
					03.07- 12.13	115574	12 1.2	
	(E93)	03.07-	114524	14 180 VA	03.07-	114740	12 1.2	
					03.07-	115574	12 1.2	
330 3.0 i Xdrive	(E90)[N53B30A]	09.08- 12.11	114524	14 180 VA	09.08- 12.11	114740	12 1.2	
					09.08- 12.11	115574	12 1.2	
	(E91)	09.07-	114524	14 180 VA	09.08-	114740	12 1.2	
					09.08-	115574	12 1.2	
	(E92)	09.08-	114524	14 180 VA	09.08-	114740	12 1.2	
					09.08-	115574	12 1.2	
330 3.0 Xi	(E46)[M54B30 (306S3)]				06.00-	111911	12 1.4	
	(E90)[N52B30A]	01.05- 12.11	114524	14 180 VA	01.05-	114740	12 1.2	
		01.05- 12.11	115904*	14 150	01.05- 12.11	115574	12 1.2	
	(E91)	01.05-	114524	14 180 VA	01.05-	114740	12 1.2	
					01.05-	115574	12 1.2	
	(E92)	09.06-	114524	14 180 VA	09.06-	114740	12 1.2	
					09.06-	115574	12 1.2	
	(E90)[N53B30A]	09.07- 12.11	114524	14 180 VA	09.07- 12.11	114740	12 1.2	
					09.07- 12.11	115574	12 1.2	
	(E91)	09.07-	114524	14 180 VA	09.07-	114740	12 1.2	
					09.07-	115574	12 1.2	
	(E92)	09.06-	114524	14 180 VA	09.06-	114740	12 1.2	
					09.06-	115574	12 1.2	
330 3.0 Diesel	(E90)[M57D30D3]	09.05- 12.11	114720	14 150	09.05-	114091	12 1.8	
	(E91)	09.05-	114720	14 150	09.05-	114091	12 1.8	
	(E92)	09.06-	114720	14 150	09.06-	114091	12 1.8	
	(E46)[M57D30(306D2)]	03.03- 02.05	113881	14 150	03.03-	113446	12 2.2	
					03.03- 02.05	114072	12 2.0	
	(E92)[M57D30TU2]	09.06-	114720	14 150	09.06-	114091	12 1.8	
	(E90)[M57D30TU2 ]	09.05- 12.11	114720	14 150	09.05 12.11	114091	12 1.8	
	(E90)[M57N2306D3]				A25 01.09- 12.11	115335	12 2.2	
					01.09- 12.11	116059	12 2.2	A49
					01.09- 12.11	114689	12 2.0	
	(E91)				A25 01.09-	115335	12 2.2	
					01.09-	116059	12 2.2	A49
					01.09-	114689	12 2.0	
	(E92)				A25 01.09-	114335	12 2.5	
					01.09-	116059	12 2.2	A49
					01.09-	114689	12 2.0	
	(E93)[N57D30 (306D3)]				03.07-	114091	12 1.8	
	(E90)[N57D30A]				A25 01.09- 12.11	115335	12 2.2	
					01.09- 12.11	116059	12 2.2	A49
					01.09-	114689	12 2.0	
	(E91)				A25 01.09-	115335	12 2.2	
					01.09-	116059	12 2.2	A49
					01.09-	114689	12 2.0	
	(E92)				A25 01.09-	115335	12 2.2	
					01.09-	116059	12 2.2	A49
					01.09-	114689	12 2.0	
	(E93)				A25 01.09-	115335	12 2.2	
					01.09-	116059	12 2.2	A49
					01.09-	114689	12 2.0	
	(F30, F35, F80)				09.15-	115335	12 2.2	
					09.15-	116059	12 2.2	A49
	(F31)				09.15-	115335	12 2.2	
					09.15-	116059	12 2.2	A49
	(E93)[N57N306D3]				A25 01.09-	115335	12 2.2	
					01.09-	116059	12 2.2	A49
					01.09-	114689	12 2.0	
330 3.0 Diesel Gran Turismo	(F34)[N57D30A]				09.15-	115335	12 2.2	
					09.15-	116059	12 2.2	A49
330 3.0 Diesel Xdrive	(E90)[M57D30D3]	09.05- 12.11	114720	14 150	09.05-	114091	12 1.8	
	(E91)	09.05-	114720	14 150	09.05-	114091	12 1.8	
	(E92)	09.06-	114720	14 150	09.06-	114091	12 1.8	
	(E46)[M57D30(306D2)]	03.03- 02.05	113881	14 150	03.03-	113446	12 2.2	
					03.03- 02.05	114072	12 2.0	
	(E91)[M57D30TU2]	09.05-	114720	14 150	09.05-	114091	12 1.8	
	(E92)	09.06-	114720	14 150	09.06-	114091	12 1.8	
	(E90)[M57D30TU2 ]	09.05 12.11	114720	14 150	09.05 12.11	114091	12 1.8	
	(E92)[M57N2306D3]				A25 01.09-	115335	12 2.2	
					01.09-	116059	12 2.2	A49
					01.09-	114689	12 2.0	
	(E90)[N57D30A]				A25 01.09- 12.11	115335	12 2.2	
					01.09- 12.11	116059	12 2.2	A49
					01.09-	114689	12 2.0	
	(E91)				A25 01.09-	115335	12 2.2	
					01.09-	116059	12 2.2	A49
					01.09-	114689	12 2.0	
	(E92)				A25 01.09-	115335	12 2.2	
					01.09-	116059	12 2.2	A49
					01.09-	114689	12 2.0	
	(F30, F35, F80)				09.15-	115335	12 2.2	
					09.15-	116059	12 2.2	A49
	(F31)				09.15-	115335	12 2.2	
					09.15-	116059	12 2.2	A49
	(F34)				09.15-	115335	12 2.2	
					09.15-	116059	12 2.2	A49
335 3.0 i	(E90)[N54B30A]				09.06- 12.11	114740	12 1.2	
					09.06- 12.11	115574	12 1.2	
	(E91)				09.06-	114740	12 1.2	
					09.06-	115574	12 1.2	
	(E92)				09.06-	114740	12 1.2	
					09.06-	115574	12 1.2	



	(E93)					03.07-	114740	12	1.2
						03.07-	115574	12	1.2
	(E93)[N54B30B]					03.07-	114740	12	1.2
						03.07-	115574	12	1.2
	(E90)[N55B30A]					09.06- 12.11	114740	12	1.2
						09.06- 12.11	115574	12	1.2
	(E91)					09.06-	114740	12	1.2
						09.06-	115574	12	1.2
	(E92)					09.06-	114740	12	1.2
						09.06-	115574	12	1.2
	(E93)					03.07-	114740	12	1.2
						03.07-	115574	12	1.2
	(F30)					10.11-	115562	12	1.7
						10.11-	115574	12	1.2
	(F30, F35, F80)					10.11- 07.13	115562	12	1.7
						10.11- 07.13	115574	12	1.2
	(F31)					01.12- 07.13	115562	12	1.7
						01.12- 07.13	115574	12	1.2
335 3.0 i Gran Turismo	(F34)[N55B30A]					03.13- 03.14	115562	12	1.7
						03.13- 03.14	115574	12	1.2
335 3.0 i Gran Turismo xDrive	(F34)[N55B30A]					03.13-	115574	12	1.2
335 3.0 i Xdrive	(E90)[N54B30A]					09.08- 12.11	114740	12	1.2
						09.08- 12.11	115574	12	1.2
	(E91)					09.08-	114740	12	1.2
						09.08-	115574	12	1.2
	(E92)					09.08-	114740	12	1.2
						09.08-	115574	12	1.2
	(E90)[N55B30A]					09.08- 12.11	114740	12	1.2
						09.08- 12.11	115574	12	1.2
	(E91)					09.08-	114740	12	1.2
						09.08-	115574	12	1.2
	(E92)					09.08-	114740	12	1.2
						09.08-	115574	12	1.2
	(F30)					10.11-	115574	12	1.2
	(F30, F35, F80)					10.11- 07.13	115562	12	1.7
						10.11- 07.13	115574	12	1.2
	(F31)					01.12- 07.13	115562	12	1.7
						01.12- 07.13	115574	12	1.2
	(F34)					03.13- 03.14	115562	12	1.7
						03.13- 03.14	115574	12	1.2
335 3.0 Xi	(E90)[N54B30A]					09.07- 12.11	114740	12	1.2
						09.07- 12.11	115574	12	1.2
	(E90)[N55B30A]					09.07- 12.11	114740	12	1.2
						09.07- 12.11	115574	12	1.2
	(E91)					09.07-	114740	12	1.2
						09.07-	115574	12	1.2
	(E92)					09.06-	114740	12	1.2
335 3.0 Diesel	(E90)[M57D30 (306D5)]	09.06- 12.11	113896	14	170 A49	09.06-	114091	12	1.8
		09.06- 12.11	115860	14	150				
	(E91)	09.06-	115860	14	150	09.06-	114091	12	1.8
	(E92)	09.06-	114720	14	150	09.06-	114091	12	1.8
		09.06-	115860	14	150				
335 3.0 Diesel xDrive	(F30)[N57D30B]					07.13-	115335	12	2.2
						07.13-	116059	12	2.2 A49
418 2.0 Diesel Gran Coupe	(F36)[N47D20C]					03.14-	115558	12	1.4
420 2.0 i	(F32)[N20B20B]					11.13-	115562	12	1.7
	(F33, F83)					07.14-	115562	12	1.7
420 2.0 i Gran Coupe	(F36)[N20B20B]					03.14-	115562	12	1.7
420 2.0 i xDrive	(F32)[N20B20B]					11.13-	115562	12	1.7
	(F36)					07.14-	115562	12	1.7
420 2.0 Diesel	(F32)[N47D20C]					07.13-	115558	12	1.4
	(F32, F82)					07.13- 03.15	115335	12	2.2
						07.13- 03.15	115558	12	1.4
						07.13- 03.15	116059	12	2.2 A49
	(F33)					10.13-	115335	12	2.2
						10.13-	115558	12	1.4
						10.13-	116059	12	2.2 A49
	(F33, F83)					10.13-	115335	12	2.2
						10.13-	115558	12	1.4
						10.13-	116059	12	2.2 A49
420 2.0 Diesel Gran Coupe	(F36)[N47D20C]					03.14- 03.15	115558	12	1.4
420 2.0 Diesel xDrive	(F32)[N47D20C]					11.13-	115335	12	2.2
						11.13-	115558	12	1.4
						11.13-	116059	12	2.2 A49
	(F32, F82)					11.13- 03.15	115335	12	2.2
						11.13- 03.15	115558	12	1.4
						11.13- 03.15	116059	12	2.2 A49
	(F36)					03.14-	115558	12	1.4
420 2.0 Diesel xDrive Gran Coupe	(F36)[N47D20C]					03.14- 03.15	115558	12	1.4
425 2.0 Diesel	(F32, F82)[N47D20D]					01.14-	115335	12	2.2
						01.14-	115558	12	1.4
						01.14-	116059	12	2.2 A49
	(F33, F83)					07.14-	115335	12	2.2
						07.14-	115558	12	1.4
						07.14-	116059	12	2.2 A49
428 2.0 i	(F32)[N20B20A]					07.13-	115562	12	1.7
428 2.0 i Gran Coupe	(F36)[N20B20A]					03.14-	115562	12	1.7
428 2.0 i xDrive	(F32)[N20B20A]					07.13-	115562	12	1.7
	(F33, F83)					01.14-	115562	12	1.7
	(F36)					03.14-	115562	12	1.7
430 3.0 Diesel	(F32)[N57D30A]	11.13-	115335						
		11.13-	116059		A49				
435 3.0 i	(F32)[N54B30A]					07.13-	115574	12	1.2
	(F32)[N55B30A]					07.13-	115574	12	1.2
	(F32, F82)					07.13-	115562	12	1.7
						07.13-	115574	12	1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

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	(F33)					10.13-	115562	12	1.7	
						10.13-	115574	12	1.2	
	(F33, F83)					A25 10.13-	115562	12	1.7	
						10.13-	115574	12	1.2	
435 3.0 i Gran Coupe	(F36)[N55B30A]					A25 03.14-	115562	12	1.7	
						03.14-	115562	12	1.7	
435 3.0 i xDrive	(F32)[N55B30A]					07.13-	115574	12	1.2	
	(F32, F82)					A25 07.13-	115562	12	1.7	
						07.13-	115574	12	1.2	
	(F33, F83)					A25 07.14-	115562	12	1.7	
						07.14-	115562	12	1.7	
						07.14-	115574	12	1.2	
	(F36)					07.14-	115562	12	1.7	
						07.14-	115574	12	1.2	
435 3.0 i xDrive Gran Coupe	(F36)[N55B30A]					A25 07.14-	115562	12	1.7	
						07.14-	115574	12	1.2	
435 3.0 Diesel xDrive	(F32)[N57D30B]					11.13-	115335	12	2.2	
						11.13-	116059	12	2.2	A49
518 1.8	(E12)[M10B18]	07.74- 01.78	112310	14	55					
		08.75- 05.81	110877	14	65					
	(E28)	09.82- 08.84	110877	14	65					
		09.82- 08.84	111147	14	80					
518 1.8 i	(E28)[M10B18]	09.84- 11.85	111147	14	80					
	(E34)[M40B18]					08.89- 09.95	111911	12	1.4	
						08.89- 09.95	114118	12	1.4	
	(E34)[M43B18]	05.94- 01.97	111946	14	80	08.89- 01.97	111911	12	1.4	
						08.89- 09.95	114118	12	1.4	
518 1.8 i	(E34)[M43B18]	05.94-	111946	14	80	09.94-	111911	12	1.4	
						11.95- 06.96	114118	12	1.4	
518 2.0 i	(E12)[M10B20]	08.77- 09.79	110877	14	65	08.77- 09.79	110772	12	1.0	
518 2.0 Diesel	(F10)[N47D20C]					01.13-	115335	12	2.2	
						01.13-	116059	12	2.2	A49
	(F11)					01.13-	115335	12	2.2	
						01.13-	116059	12	2.2	A49
520 1.6 i	(F10, F18)[N20B16A]					11.15-	114740	12	1.2	
						11.15-	115562	12	1.7	
520 2.0	(E12)[M10B20]					08.72- 08.77	110772	12	1.0	
520 2.0 i 24V	(E34)[M50B20]	09.91- 09.95	112687	14	80	09.89- 09.95	114118	12	1.4	
520 2.0 i	(E12)[M10B20]	10.75- 08.77	110877	14	65	08.72- 08.77	110772	12	1.0	
	(E28)[M20B20]	08.85- 11.85	111147	14	80					
	(E34)					01.88- 08.91	111400	12	1.4	
	(E34)[M50B20]	11.91-	112687	14	80	11.91- 01.97	111911	12	1.4	
						11.91- 01.97	114118	12	1.4	
	(E39)[M52B20]	01.96- 09.00	112193	14	120	01.96- 09.00	111911	12	1.4	
	(E39)[M52B206S3]	09.95- 06.03	112193	14	120	01.96- 09.00	111911	12	1.4	
		04.99- 06.03	111895#	14	140					
	(E39)[M52B206S4]	01.96- 09.00	112193	14	120	01.96- 09.00	111911	12	1.4	
	(E60)[M54B22(226S1)]	07.03-	113858	14	150	A49	07.03-	111911	12	1.4
		07.03-	115976	14	150					
	(F10)[N20B20A]					09.11-	115562	12	1.7	
	(F11)					09.11-	115562	12	1.7	
	(E61)[N43B20A]					07.07- 08.10	114740	12	1.2	
	(E60)[N46B20B]	04.06- 12.09	113871	14	150	A49	04.06- 12.09	114297	12	1.2
		04.06- 12.09	115867*	14	150					
520 2.0 i K-Jetronic	(E28)[M20B20]	09.82- 11.85	111147	14	80					
520 2.0 i L-Jetronic	(E28)[M20B20]	09.82- 11.85	111147	14	80					
520 2.0 Diesel	(E39)[M47204D1]	02.00- 09.03	112462	14	120	02.00- 09.03	113925	12	1.8	
		02.00- 09.03	112468	14	150					
	(E39)[M47D20]	02.00- 12.02	112462	14	120	02.00- 09.03	113925	12	1.8	
		02.00- 12.02	112468	14	150					
	(E60)[M47D20(204D4)]	07.05-	113896	14	170	A49	07.05-	114091	12	1.8
		07.05-	115860	14	150					
	(E61)	09.05-	113896	14	170	A49	09.05-	114091	12	1.8
		09.05-	115860	14	150					
	(E61)[M47D20(204D4)]	07.05-	113896	14	170	A49	07.05-	114091	12	1.8
		07.05-	115860	14	150					
	(E60)[N47D20A]	07.05-	113896	14	170	A49	07.05-	114091	12	1.8
		07.05-	115860	14	150					
						09.07-	114689	12	2.0	
						A25 09.07-	115335	12	2.2	
						A25 09.07-	116059	12	2.2	A49
	(E61)	07.05-	113896	14	170	A49	09.07-	114689	12	2.0
		07.05-	115860	14	150					
						A25 09.07-	116059	12	2.2	A49
						A25 09.07-	115335	12	2.2	
						07.05-	114091	12	1.8	
	(E60)[N47D20C]	07.05-	113896	14	170	A49	07.05-	114091	12	1.8
		07.05-	115860	14	150					
						09.07-	114689	12	2.0	
						A25 09.07-	116059	12	2.2	A49
						A25 09.07-	115335	12	2.2	
						07.05-	114091	12	1.8	
	(F10)	03.10-	115581	14	180					
	(F11)	09.10-	115581	14	180					
520 2.0 Diesel Gran Turismo	(F07)[N47D20C]					10.11-	115335	12	2.2	
						10.11-	116059	12	2.2	A49
520 2.0 Diesel xDrive	(F10)[N47D20C]					02.13-	115335	12	2.2	
						02.13-	116059	12	2.2	A49
	(F11)					02.13-	115335	12	2.2	
						02.13-	116059	12	2.2	A49
520 2.2 i	(E39)[M54B22(226S1)]					09.00-	111911	12	1.4	
523 2.5 i	(E39)[M52B25(256S3)]	11.95- 09.00	112193	14	120	11.95- 09.00	111911	12	1.4	
		01.97- 09.00	111895#	14	140					
	(E39)[M52B25TU]	11.95- 09.00	112193	14	120					
		01.97- 09.00	111895#	14	140	11.95- 09.00	111911	12	1.4	
	(E60)[N52B25]	07.05-	114524	14	180	VA	07.05-	114740	12	1.2
		07.05-	115904*	14	150		07.05-	115574	12	1.2



	(E61)	07.05-	114524	14 180 VA	07.05-	114740	12 1.2
		07.05-	115904*	14 150	07.05-	115574	12 1.2
	(E60)[N52B25A]	07.05-	114524	14 180 VA	07.05-	114740	12 1.2
		07.05-	115904*	14 150	07.05-	115574	12 1.2
	(E61)	07.05-	115904*	14 150			
		01.07-	114524	14 180 VA	07.05-	114740	12 1.2
					07.05-	115574	12 1.2
	(F11)				04.10- 12.11	115574	12 1.2
	(E60)[N53B25A]	01.07- 03.10	114524	14 180 VA	01.07- 03.10	114740	12 1.2
					01.07- 03.10	115574	12 1.2
523 3.0 i	(E61)	01.07- 12.10	114524	14 180 VA	01.07- 12.10	114740	12 1.2
	(F10)[N53B30A]				03.10-	114740	12 1.2
					03.10-	115574	12 1.2
	(F11)				09.10-	114740	12 1.2
					09.10-	115574	12 1.2
524 2.4 Diesel	(E28)[M21D24WA]				03.86- 12.87	112533	12 2.2
524 2.4 TD	(E34)[M21D24]				03.88- 09.95	112533	12 2.2
	(E28)[M21D24 (246TA)]				09.83- 12.87	112533	12 2.2
	(E28)[M21D24WA]				09.83- 12.87	112533	12 2.2
525 2.0 Diesel	(F10)[N47D20D]	09.11-	115581	14 180	A25 09.11-	115335	12 2.2
					A25 09.11-	116059	12 2.2 A49
					09.11-	116059	12 2.2 A49
	(F11)	09.11-	115581	14 180	09.11-	115335	12 2.2
					09.11-	116059	12 2.2 A49
525 2.0 Diesel xDrive	(F10)[N47D20D]	09.11-	115581	14 180	09.11-	115335	12 2.2
					09.11-	116059	12 2.2 A49
	(F11)	09.11-	115581	14 180	09.11-	115335	12 2.2
					09.11-	116059	12 2.2 A49
525 2.5	(E12)[M30B25]				08.73- 08.79	110772	12 1.0
525 2.5 i 24V	(E34)[M50B25]	09.91- 09.95	112687	14 80	09.89- 09.95	114118	12 1.4
	(E34)[M50B25 (256S2)]	09.91- 09.95	112687	14 80	09.89- 09.95	114118	12 1.4
	(E34)[M52B25]	09.91- 09.95	112687	14 80	09.89- 09.95	114118	12 1.4
525 2.5 i	(E34)[M20B25]				01.88- 08.91	111400	12 1.4
	(E34)[M20B25 (256K1)]				01.88- 08.91	111400	12 1.4
	(E28)[M30B25]	06.81- 11.85	111147	14 80			
	(E34)[M50B25]	11.91-	112687	14 80	11.91- 01.97	114118	12 1.4
					11.91- 01.97	111911	12 1.4
	(E34)[M50B25 (256S1)]				11.91- 01.97	111911	12 1.4
					11.91- 01.97	114118	12 1.4
	(E34)[M50B25 (256S2)]				11.91- 01.97	111911	12 1.4
					11.91- 01.97	114118	12 1.4
	(E34)[M50B25TU]				11.91- 01.97	111911	12 1.4
					11.91- 01.97	114118	12 1.4
	(E39)[M54256S5]				09.00-	111911	12 1.4
	(E39)[M54B25]				09.00- 06.03	111911	12 1.4
	(E39)[M54B25 (256S5)]				09.00- 06.03	111911	12 1.4
	(E61)	06.04-	113858	14 150 A49	06.04- 03.05	111911	12 1.4
		06.04-	115976	14 150			
	(E60)[M54B25256S5]	09.03-	113858	14 150 A49	09.03- 03.05	111911	12 1.4
	09.03-	115976	14 150				
(E60)[N52B25]	07.05-	114524	14 180 VA	07.05-	114740	12 1.2	
	07.05-	115904*	14 150	07.05-	115574	12 1.2	
(E61)	07.05-	114524	14 180 VA	07.05-	114740	12 1.2	
	07.05-	115904*	14 150	07.05-	115574	12 1.2	
(E60)[N52B25A]	07.05-	114524	14 180 VA	07.05-	114740	12 1.2	
	07.05-	115904*	14 150	07.05-	115574	12 1.2	
(E61)	07.05-	115904*	14 150	07.05-	114740	12 1.2	
				07.05-	115574	12 1.2	
525 2.5 i Xdrive	(E60)[N53B30A]	09.08-	114524	14 180 VA			
525 2.5 iX 24V	(E34)[M52B25]	10.92- 09.95	112687	14 80	10.91- 09.95	114118	12 1.4
525 2.5 iX	(E34)[M50B25]				02.92- 01.97	111911	12 1.4
					02.92- 01.97	114118	12 1.4
	(E34)[M52B25]				02.92- 01.97	111911	12 1.4
					02.92- 01.97	114118	12 1.4
525 2.5 Xi	(E60)[N52B25A]	07.05-	114524	14 180 VA	07.05-	114740	12 1.2
		07.05-	115904*	14 150	07.05-	115574	12 1.2
	(E61)	07.05-	114524	14 180 VA	07.05-	114740	12 1.2
		07.05-	115904*	14 150	07.05-	115574	12 1.2
	(E39)[M57D25]	02.00-	112462	14 120	02.00-	113446	12 2.2
		02.00-	112468	14 150			
	(E39)[M57D25 (256D1)]	02.00- 05.04	112462	14 120	02.00- 05.04	113446	12 2.2
		02.00- 05.04	112468	14 150			
	(E60)	12.04-	113896	14 170 A49	12.04-	113446	12 2.2
		12.04-	115860	14 150	12.04-	114072	12 2.0
(E60)[M57D25TU]	06.04-	113896	14 170 A49	06.04-	113446	12 2.2	
	06.04-	115860	14 150	06.04-	114072	12 2.0	
(E61)	06.04-	113896	14 170 A49	06.04-	113446	12 2.2	
	06.04-	115860	14 150	06.04-	114072	12 2.0	
(E60)[M57N256D4]	06.04-	113896	14 170 A49	06.04-	113446	12 2.2	
	06.04-	115860	14 150	06.04-	114072	12 2.0	
(E61)	06.04-	113896	14 170 A49	06.04-	113446	12 2.2	
	06.04-	115860	14 150	06.04-	114072	12 2.0	
525 2.5 TD	(E34)[M51D25]	09.91- 12.95	111788	14 105	04.93- 09.95	113446	12 2.2
		03.93- 12.95	112800	14 95	03.93- 12.95	112533	12 2.2
	(E39)[M51D25(256T1)]	01.96-	111947	14 95	01.97- 09.00	112533	12 2.2
525 2.5 TDS	(E34)[M51D25]	09.91- 12.95	111788	14 105	09.91- 01.97	112533	12 2.2
		09.91- 01.97	112800	14 95			
	(E39)	01.96-	111947	14 95	01.96- 09.00	112533	12 2.2
	(E39)[M51D25(256T1)]	03.97- 05.04	111947	14 95	06.98- 09.00	112533	12 2.2
525 2.7 E	(E28)[M20B27]	09.83- 11.85	111147	14 80	01.87- 12.87	111400	12 1.4
	(E28)[M20B27 (276EB)]	09.83- 11.85	111147	14 80	01.87- 12.87	111400	12 1.4
	(E28)[M20B27 (276KA)]	09.83- 11.85	111147	14 80	01.87- 12.87	111400	12 1.4
525 3.0 i	(E60)[N53B30]	01.07-	114524	14 180 VA	01.07-	114740	12 1.2
	(E61)	01.07-	114524	14 180 VA	01.07-	114740	12 1.2
	(E60)[N53B30A]	01.07-	114524	14 180 VA	01.07-	114740	12 1.2
	(E61)	01.07-	114524	14 180 VA	01.07-	114740	12 1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**BMW Continued**

525 3.0 i Xdrive	(E61)[N53B30A]	09.08-	114524	14 180 VA					
525 3.0 Xi	(E61)[N52B30A]	01.07-	114524	14 180 VA	01.07-	114740	12 1.2		
	(E60)[N53B30A]	01.07-	114524	14 180 VA					
	(E61)	01.07-	114524	14 180 VA	01.07-	114740	12 1.2		
525 3.0 Diesel	(E60)[M57306D3]	01.07-	113896	14 170 A49	01.07-	114091	12 1.8		
					01.07-	114127	12 1.6	A49	
	(E61)[M57D30 (306D3)]	01.07-	113896	14 170 A49	01.07-	114091	12 1.8		
	(F10)[N57D30A]	03.10-	115581	14 180					
		03.10-	115960*	14 180	03.10-	114689	12 2.0		
	(F11)	09.10-	115581	14 180	09.10-	114689	12 2.0		
525 3.0 Diesel Xdrive	(E60)[M57306D3]	01.07-	113896	14 170 A49	01.07-	114091	12 1.8		
	(E60)[M57D30 (306D3)]	09.08-	113896	14 170 A49	09.08-	114091	12 1.8		
	(E61)	09.08-	113896	14 170 A49	09.08-	114091	12 1.8		
	(E61)[N57306D3]	01.07-	113896	14 170 A49	01.07-	114091	12 1.8		
528 2.0 i	(F10)[N20B20A]				09.11-	115562	12 1.7		
	(F11)				09.11-	115562	12 1.7		
528 2.0 i xDrive	(F10)[N20B20A]				09.11-	115562	12 1.7		
	(F11)				09.11-	115562	12 1.7		
528 2.8	(E12)[M30B28]				01.75- 08.77	110772	12 1.0		
528 2.8 i	(E12)[M30B28]				04.77- 08.79	110772	12 1.0		
	(E28)	06.81- 11.85	111147	14 80					
	(E39)[M52B28]	11.95-	112193	14 120	11.95-	111911	12 1.4		
	(E39)[M52B28 (286S1)]	11.95- 09.00	112193	14 120	11.95- 09.00	111911	12 1.4		
	(E39)[M52B28 (286S2)]	11.95- 09.00	112193	14 120	11.95- 09.00	111911	12 1.4		
	(E39)[M52B28TU]	11.95- 09.00	112193	14 120	11.95- 09.00	111911	12 1.4		
528 3.0 i	(F10)[N53B30A]				03.10-	114740	12 1.2		
					03.10-	115574	12 1.2		
	(F11)				09.10-	114740	12 1.2		
					09.10-	115574	12 1.2		
530 2.9 Diesel	(E39)[M57D30 (306D1)]	08.98-	112462	14 120	08.98- 09.00	113446	12 2.2		
		08.98-	112468	14 150	08.98- 05.04	115506	12 2.0	A49	
530 2.9 TD	(E39)[M57D30 (306D1)]	08.98-	112462	14 120	08.98- 09.00	113446	12 2.2		
		08.98-	112468	14 150	08.98- 05.04	115506	12 2.0	A49	
530 3.0 i V8	(E34)[M60B30]				09.92- 01.97	112553	12 1.7		
	(E34)[M60B30 (308S1)]				09.92- 09.95	112553	12 1.7		
530 3.0 i	(E34)[M30B30]				01.88- 08.91	112172	12 1.6		
	(E39)[M54306S3]				09.00- 06.03	111911	12 1.4		
	(E39)[M54B30]				09.00-	111911	12 1.4		
	(E39)[M54B30 (306S3)]				09.00-	111911	12 1.4		
	(E60)	07.03-	113858	14 150 A49	07.03- 03.05	111911	12 1.4		
		07.03-	115976	14 150					
	(E60)[N52B30]	07.05-	115904*	14 150	07.05-	114526	12 2.0		
					07.05-	114740	12 1.2		
					07.05-	115574	12 1.2		
	(E61)	07.05-	114524	14 180 VA	07.05-	114740	12 1.2		
		07.05-	115904*	14 150	07.05-	115574	12 1.2		
	(E60)[N52B30A]	07.05- 03.10	114524	14 180 VA	07.05- 03.10	114740	12 1.2		
		07.05-	115904*	14 150					
					07.05-	115574	12 1.2		
	(E61)	07.05- 12.10	114524	14 180 VA	07.05- 12.10	114740	12 1.2		
		07.05-	115904*	14 150	07.05-	115574	12 1.2		
	(E60)[N52B30B]	01.07- 03.10	114524	14 180 VA	01.07- 03.10	114740	12 1.2		
	(E60)[N52B30BF]	01.07- 03.10	114524	14 180 VA	01.07- 03.10	114740	12 1.2		
		01.07- 03.10	116024						
	(E60)[N53B30A]	01.07-	114524	14 180 VA					
	(E61)	01.07-	114524	14 180 VA	01.07-	114740	12 1.2		
		01.07-	115904*	14 150					
	(F10)				09.11-	115574	12 1.2		
	(F11)				09.11-	115574	12 1.2		
530 3.0 i Xdrive	(E60)[N52B30A]	09.08-	114524	14 180 VA	09.08-	114740	12 1.2		
	(E61)	09.08-	114524	14 180 VA	09.08-	114740	12 1.2		
	(E60)[N53B30A]	09.08-	114524	14 180 VA	09.08-	114740	12 1.2		
	(E61)	09.08-	114524	14 180 VA	09.08-	114740	12 1.2		
530 3.0 Xi	(E60)[N52B30A]	07.05-	115904*	14 150	07.05-	114740	12 1.2		
		01.07-	114524	14 180 VA	07.05-	115574	12 1.2		
	(E61)	07.05-	114524	14 180 VA	07.05-	114740	12 1.2		
		07.05-	115904*	14 150	07.05-	115574	12 1.2		
	(E60)[N53B30A]	01.07-	114524	14 180 VA	01.07-	114740	12 1.2		
	(E61)	01.07-	114524	14 180 VA	01.07-	114740	12 1.2		
530 3.0 Diesel	(E60)[M57306D3]	07.03-	113896	14 170 A49	07.03-	114091	12 1.8		
		07.03-	115860	14 150					
	(E61)	07.05-	113896	14 170 A49	07.05-	114091	12 1.8		
		07.05-	115860	14 150					
	(E60)[M57D30 (306D2)]	07.03- 03.10	113896	14 170 A49	07.03- 03.10	114072	12 2.0		
		07.03- 03.10	115860	14 150					
	(E61)	06.04-	113896	14 170 A49	06.04-	113446	12 2.2		
		06.04-	115860	14 150	06.04-	114072	12 2.0		
	(E60)[M57D30 (306D3)]	07.03- 03.10	113896	14 170 A49	01.07-	114091	12 1.8		
		07.03- 03.10	115860	14 150	01.07-	114127	12 1.6	A49	
					07.03- 03.10	114072	12 2.0		
	(E61)	11.05-	113896	14 170 A49	11.05-	114091	12 1.8		
		11.05-	115860	14 150					
	(F10)[N57D30A]	03.10-	115581	14 180					
		03.10-	115960*	14 180	03.10-	114689	12 2.0		
	(F10, F18)				10.15-	116001	12 2.0		
	(F11)	09.10-	115581	14 180	09.11-	115335	12 2.2		
					09.11-	116059	12 2.2	A49	
		09.11-	115960*	14 180	10.15-	116001	12 2.0		
					09.10-	114689	12 2.0		
530 3.0 Diesel GRAN TURISMO	(F07)[N57D30A]	10.09-	115960*	14 180	10.09-	114689	12 2.0		
530 3.0 Diesel Xdrive	(E60)[M57306D3]	07.05-	113896	14 170 A49	07.05-	114091	12 1.8		
		07.05-	115860	14 150					
	(E61)	07.05-	113896	14 170 A49	07.05-	114091	12 1.8		
		07.05-	115860	14 150					
	(E60)[M57D30 (306D3)]	01.07-	113896	14 170 A49	01.07-	114091	12 1.8		
					01.07-	114127	12 1.6	A49	





	(E61)	09.08-	113896	14 170 A49		09.08-	114091	12 1.8
	(F07GT)[N57D30A]	09.10-	115960*	14 180		09.10-	114689	12 2.0
	(F10)				A25	09.11-	115335	12 2.2
						09.11-	116059	12 2.2 A49
						09.11-	114689	12 2.0
	(F10, F18)					10.15-	116001	12 2.0
	(F11)					10.15-	116001	12 2.0
535 3.0 xDrive	(F07GT)[N55B30A]					09.10-	114740	12 1.2
						09.10-	115574	12 1.2
535 3.0 i	(F10, F18)[N55B30A]					03.10-	114740	12 1.2
						03.10-	115562	12 1.7
	(F11)					10.15-	114740	12 1.2
						10.15-	115562	12 1.7
535 3.0 i xDrive	(F10, F18)[N55B30A]					03.10-	115562	12 1.7
	(F11)				A25	09.11-	115562	12 1.7
						10.15-	115562	12 1.7
535 3.0 Diesel	(E60)[M57D30 (306D4)]	09.04-	113896	14 170 A49		09.04-	113446	12 2.2
		09.04-	115860	14 150		09.04-	114072	12 2.0
	(E61)	09.04-	113896	14 170 A49		09.04-	113446	12 2.2
		09.04-	115860	14 150		09.04-	114072	12 2.0
	(E60)[M57D30 (306D5)]	01.07-	113896	14 170 A49		01.07-	114091	12 1.8
	(E61)	01.07-	113896	14 170 A49		01.07-	114091	12 1.8
	(F07)[N57D30B]					09.10-	114689	12 2.0
	(F10)	09.10-	115581	14 180		09.10-	114689	12 2.0
	(F11)	09.10-	115581	14 180		09.10-	114689	12 2.0
535 3.0 Diesel xDrive	(F07GT)[N57D30B]					09.10-	114689	12 2.0
	(F10)	09.11-	115581	14 180				
535 3.4 i	(E28)[M30B35]	01.85- 11.85	111147	14 80				
535 3.5 i	(E34)[M30B35]					01.88- 04.93	112172	12 1.6
	(E39)[M62B358S1]	01.96-	112193	14 120				
		01.96-	112426	14 150				
		04.96- 03.99	111895#	14 140		04.96-	112553	12 1.7
	(E39)[M62B358S2]	01.96- 06.03	111895#	14 140		01.96- 06.03	112553	12 1.7
		01.96- 06.03	112426	14 150				
		04.96- 03.99	112193	14 120				
	(E39)[M62B35TU]	01.96- 09.98	111895#	14 140		04.99-	112553	12 1.7
		04.99- 07.00	112426	14 150				
540 4.0 i V8	(E34)[M60B40]					09.92- 09.95	112553	12 1.7
	(E34)[M60B40 (408S1)]					09.92- 09.95	112553	12 1.7
540 4.0 i	(E34)[M60B40]					09.93-	112553	12 1.7
	(E60)[N62B40A]	07.05-	114189	14 180				
540 4.4 i	(E39)[M62B44 (448S1)]	04.96- 05.04	111895#	14 140		04.96-	112553	12 1.7
		04.96- 09.98	112193	14 120				
		03.97- 07.00	112426	14 150				
	(E39)[M62B44 (448S2)]	04.96- 05.04	111895#	14 140		04.96- 05.04	112553	12 1.7
		04.96- 05.04	112193	14 120				
		04.96- 05.04	112426	14 150				
545 4.4 i	(E60)[N62B44A]	09.03-	114189	14 180				
	(E61)	06.04-	114189	14 180				
550 4.8 i	(E60)[N62B48A]	07.05-	114189	14 180				
	(E61)	07.05-	114189	14 180				
	(E60)[N62B48B]	07.05-	114189	14 180				
	(E61)	07.05-	114189	14 180				
628 2.8 CSI	(E24)[M30B28]	09.79- 05.81	110877	14 65				
		06.81- 11.85	111147	14 80				
630 3.0 i	(E63)[N52B30]	09.04-	114524	14 180 VA		09.04-	114740	12 1.2
		09.04-	115904*	14 150		09.04-	115574	12 1.2
	(E64)	09.04-	114524	14 180 VA		09.04-	114740	12 1.2
		09.04-	115904*	14 150		09.04-	115574	12 1.2
	(E63)[N52B30A]	09.04- 07.10	114524	14 180 VA		09.04- 07.10	114740	12 1.2
		09.04-	115904*	14 150		09.04-	115574	12 1.2
	(E64)	09.04- 07.10	114524	14 180 VA		09.04- 07.10	114740	12 1.2
		09.04-	115904*	14 150		09.04-	115574	12 1.2
	(E63)[N52B30B]	07.07- 07.10	114524	14 180 VA		07.07- 07.10	114740	12 1.2
	(E64)	07.07- 07.10	114524	14 180 VA		07.07- 07.10	114740	12 1.2
						07.07-	115574	12 1.2
	(E63)[N52B30BF]	07.07- 07.10	114524	14 180 VA		07.07- 07.10	114740	12 1.2
						07.07-	115574	12 1.2
	(E64)	07.07- 07.10	114524	14 180 VA		07.07- 07.10	114740	12 1.2
						07.07-	115574	12 1.2
633 3.2 CSI	(E24)[M30B32]	04.76- 05.81	110877	14 65				
		09.78- 11.85	111147	14 80				
635 3.0 Diesel	(E63)[M57D30 (306D5)]	07.07-	113896	14 170 A49		07.07-	114091	12 1.8
	(E64)	07.07-	113896	14 170 A49		07.07-	114091	12 1.8
635 3.4 CSI	(E24)[M30B35]	01.85- 11.85	111147	14 80				
635 3.5 CSI	(E24)[M30B35]	06.78- 05.81	110877	14 65				
		09.79- 11.85	111147	14 80				
	(E24)[S38B35]	03.84- 11.85	111147	14 80				
640 3.0 i	(F13)[N55B30A]				A25	06.11-	115398	12 1.7
						06.11-	115562	12 1.7
645 4.4 Ci	(E63)[N62B44]	01.04-	114189	14 180				
	(E64)	04.04-	114189	14 180				
	(E63)[N62B44A]	01.04-	114189	14 180				
	(E64)	04.04-	114189	14 180				
650 4.8 i	(E63)[N62B48B]	07.05-	114189	14 180				
	(E64)	07.05-	114189	14 180				
725 2.5 TDS	(E38)[M51D25]	04.96-	111947	14 95		04.96-	113446	12 2.2
728 2.8	(E23)[M30B28]					05.77- 08.79	110772	12 1.0
728 2.8 i	(E23)[M30B28]	07.78- 10.82	110877	14 65				
		06.81- 11.85	111147	14 80				
	(E38)[M52B28]					08.95-	111911	12 1.4
728 2.8 Li	(E38)[M52B28 (286S1)]					08.95- 11.01	111911	12 1.4
	(E38)[M52B28 (286S2)]					08.95- 11.01	111911	12 1.4
	(E38)[M52B28TU]					08.95- 11.01	111911	12 1.4
730 3.0 i V8	(E32)[M60B30]					04.92- 09.94	112553	12 1.7
730 3.0 i	(E32)[M30B30]					09.87- 09.94	112172	12 1.6

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



BMW Continued

	(E65, E66)[M54B30 (306S3)]	03.03- 03.05	113858	14 150 A49	03.03- 03.05	111911	12 1.4
		03.03-	115976	14 150			
	(E38)[M60B30]	10.94- 11.01	111895#	14 140	10.94-	112553	12 1.7
	(F01, F02, F03, F04)[N52B30A]				06.08-	114740	12 1.2
					06.08-	115574	12 1.2
	(F01, F02, F03, F04)[N52B30BF]				06.08-	114740	12 1.2
					06.08-	115574	12 1.2
730 3.0 Li V8	(E32)[M60B30]				04.92- 09.94	112553	12 1.7
730 3.0 Li	(E32)[M30B30]				AT 12.86- 09.94	112172	12 1.6
	(E65, E66)[M54B30 (306S3)]	03.03- 03.05	113858	14 150 A49	03.03- 03.05	111911	12 1.4
		03.03-	115976	14 150			
	(E38)[M60B30]	10.94- 11.01	111895#	14 140			
	(E65, E66, E67)[N52B30]	03.05-	114524	14 180 VA	03.05-	114740	12 1.2
					03.05-	115574	12 1.2
	(E65, E66, E67)[N52B30A]	03.05-	114524	14 180 VA	07.05-	114740	12 1.2
					03.05-	115574	12 1.2
730 3.0 Diesel	(E38)[M57D30]	08.98- 04.00	112462	14 120	08.98-	113446	12 2.2
		08.98- 12.01	112468	14 150	08.98- 12.01	115506	12 2.0 A49
	(E38)[M57D30 (306D1)]	08.98-	112468	14 150	04.00-	113446	12 2.2
					04.00- 11.01	115506	12 2.0 A49
	(E65, E66)[M57D30 (306D2)]	10.02-	113896	14 170 A49	10.02-	113446	12 2.2
		10.02-	115860	14 150	10.02-	114072	12 2.0
	(E65, E66)[M57D30 (306D3)]	10.02-	113896	14 170 A49	10.02-	114072	12 2.0
		10.02-	115860	14 150			
	(E66)	07.05-	113896	14 170 A49	07.05-	114091	12 1.8
		07.05-	115860	14 150			
	(F01, F02)[N57D30A]	10.08-	115960*	14 180	10.08-	114689	12 2.0
	(F01, F02, F03, F04)	07.09-	115960*	14 180	07.09-	114689	12 2.0
					07.09-	115335	12 2.2
					07.09-	116059	12 2.2 A49
	(E66)[N57N306D2]	07.05-	113896	14 170 A49	07.05-	114091	12 1.8
		07.05-	115860	14 150			
732 3.2 i Motronic	(E23)[M30B32]	05.77- 10.82	110877	14 65			
		06.81- 11.85	111147	14 80			
733 3.2 i L-Jetronic	(E23)[M30B32]	05.77- 12.82	110877	14 65			
		05.77- 12.82	111147	14 80			
		05.77- 12.82	112780	14 90			
735 3.4 i	(E23)[M30B34 (346KA)]	01.85- 11.85	111147	14 80			
	(E23)[M30B35]	01.85- 11.85	111147	14 80			
	(E32)				09.87- 03.94	112172	12 1.6
735 3.5 i	(E23)[M30B35]	09.79- 10.82	110877	14 65			
		09.79- 11.85	111147	14 80			
	(E38)[M62B35]	01.96- 11.01	111895#	14 140	01.96- 11.01	112553	12 1.7
		01.96- 11.01	112426	14 150			
	(E38)[M62B358S1]	01.96- 11.01	111895#	14 140	01.96-	112553	12 1.7
		10.98- 07.00	112426	14 150			
735 3.6 i	(E65)[N62B36]	11.01-	114189	14 180	11.01-	115940	12 1.8
		11.01-	115473	14 180			
735 3.6 Li	(E66)[N62B36A]	11.01-	114189	14 180	11.01-	115940	12 1.8
		11.01-	115473	14 180			
740 3.0 i	(F01, F02)[N54B30A]				10.08-	114740	12 1.2
					10.08-	115574	12 1.2
	(F01, F02, F03, F04)[N55B30A]				07.12-	115562	12 1.7
740 3.0 Diesel	(F01, F02, F03, F04)[N57D30B]	09.09-	115960*	14 180	09.09-	114689	12 2.0
740 3.0 Diesel xDrive	(F01, F02)[N57SD30B]	09.09-	115960*	14 180	09.09-	114689	12 2.0
740 3.9 Diesel	(E38)[M67D39]	10.98- 07.00	112426	14 150			
740 4.0 i V8	(E32)[M60B40]				04.92- 09.94	112553	12 1.7
740 4.0 i	(E38)[M60B40]	10.94- 11.01	111895#	14 140	10.94-	112553	12 1.7
	(E65)[N62B40A]	07.05-	114189	14 180			
740 4.0 Li V8	(E32)[M60B40 (408S1)]				04.92- 09.94	112553	12 1.7
740 4.0 Li	(E38)[M60B40 (408S1)]	10.94- 11.01	111895#	14 140			
	(E66)[N62B40A]	07.05-	114189	14 180			
740 4.4 i	(E38)[M62B44 (448S2)]	01.96- 11.01	111895#	14 140	01.96-	112553	12 1.7
		10.98- 07.00	112426	14 150			
740 4.4 Li	(E38)[M62B44 (448S1)]	01.96- 11.01	111895#	14 140	01.96- 11.01	112553	12 1.7
		01.96- 11.01	112426	14 150			
745 3.2 i	(E23)[M30B32]	04.80- 11.85	111147	14 80			
745 3.4 i	(E23)[M30B35]	05.83- 11.85	111147	14 80			
745 4.4 i	(E65)[N62B44]	11.01-	114189	14 180	11.01-	115940	12 1.8
		11.01-	115473	14 180			
745 4.4 Li	(E66)[N62B44A]	11.01-	114189	14 180	11.01-	115940	12 1.8
		11.01-	115473	14 180			
745 4.4 Diesel	(E65, E66, E67)[M67D44 (448D1)]	07.05-	114189	14 180			
	(E65, E66, E67)[N67N448D2]	07.05-	114189	14 180			
750 4.8 i	(E65)[N62B48B]	07.05-	114189	14 180			
750 4.8 Li	(E66)[N62B48B]	07.05-	114189	14 180			
750 5.4 i	(E38)[M73B54 (54121)]	10.94- 11.01	111895#	14 140			
		10.98- 12.01	112426	14 150			
	(E38)[M73B54 (54122)]	12.94- 11.01	111895#	14 140			
		12.94- 11.01	112426	14 150			
750 5.4 Li	(E38)[M73B54]	10.94- 11.01	111895#	14 140			
		10.98- 12.01	112426	14 150			
760 6.0 i	(E65, E66, E67)[N73B60]	01.03-	115473	14 180			
760 6.0 Li	(E65, E66, E67)[N73B60A]	01.03-	115473	14 180			
840 4.0 i	(E31)[M60B40 (408S1)]				02.93- 02.96	112553	12 1.7
840 4.4 Ci	(E31)[M62B44 (448S1)]	01.96- 12.99	111895#	14 140	09.94- 12.99	112553	12 1.7
	(E31)[M62B44TU]	01.96- 12.99	111895#	14 140	01.96- 12.99	112553	12 1.7
850 5.4 Ci	(E31)[M73B54 (54121)]	09.94- 12.99	111895#	14 140			
850 5.6 CSi	(E31)[M70B56]	04.93- 12.96	111895#	14 140			
1802 1.8	(E10)[M10B18]	08.70- 07.77	110877	14 65			
	(E6)	08.70- 07.77	110877	14 65			
2000 2.0	(E10)[M10B20]				09.68- 07.72	110772	12 1.0
	(E9)				10.65- 06.70	110772	12 1.0
2000 2.0 CS	(E9)[M10B20]				10.65- 06.70	110772	12 1.0
2000 2.0 Ti	(E10)[M10B20]				01.66- 07.72	110772	12 1.0
2000 2.0 Tii	(E10)[M10B20]				12.69- 07.72	110772	12 1.0



2002 2.0	(E10)[M10B20] (E6)				02.68- 07.75	110772	12	1.0
					05.71- 07.75	110772	12	1.0
2002 2.0 Ti	(E10)[M10B20]				06.68- 04.72	110772	12	1.0
2002 2.0 Tii	(E10)[M10B20] (E6)				05.71- 07.75	110772	12	1.0
					01.71- 07.75	110772	12	1.0
2002 2.0 Turbo	(E10)[M10B20]				01.74- 07.75	110772	12	1.0
2500 2.5	(E3)[M30B25]				10.68- 04.77	110772	12	1.0
2800 2.8	(E3)[M30B28]	03.76-	110877	14 65	10.68- 07.75	110772	12	1.0
1M 3.0	(E82)[N54B30A]				04.11- 06.12	114740	12	1.2
					04.11- 06.12	115574	12	1.2
2.5 2.5 CS	(E9)[M30B25]				09.74- 03.76	110772	12	1.0
2.8 2.8 L	(E3)[M30B28]				02.75- 04.77	110772	12	1.0
225 xe 1.5 Diesel Active Tourer	(F45)[B38A15A]				03.16-	115999	12	1.4
3.0 3.0 CS	(E9)[M30B30]				05.71- 07.73	110772	12	1.0
3.0 3.0 CSi	(E9)[M30B30]				07.71- 07.73	110772	12	1.0
3.0 3.0 S	(E3)[M30B30]				05.71- 07.73	110772	12	1.0
3.0 3.0 Si	(E3)[M30B30]				07.71- 07.73	110772	12	1.0
3.2 2.8 CS	(E9)[M30B28]				01.69- 04.71	110772	12	1.0
3.3 3.2 Li	(E3)[M30B32]	03.76- 04.77	110877	14 65				
3.3 3.3 L	(E3)[M30B33]	10.75- 04.77	110877	14 65				
325 d 2.0 Diesel	(F34)[N47D20D]				07.13-	115335	12	2.2
					07.13-	115558	12	1.4
					07.13-	116059	12	2.2 A49
530 d 3.0 Diesel	(E60)[M57D30 (306D2)]	07.03-	113896	14 170 A49	07.03-	113446	12	2.2
		07.03-	115860	14 150	07.03-	114072	12	2.0
ActiveHybrid 3.0 ActiveHybrid	(F01, F02, F03, F04)[N55B30A] (F10, F18) (F30)				07.12-	115574	12	1.2
					09.11-	115574	12	1.2
					01.12-	115574	12	1.2
ActiveHybrid 3.0 Hybrid	(F10)[N55B30A]				09.11-	115574	12	1.2
ActiveHybrid 3.0 Hybrid	(F01, F02, F03, F04)[N55B30A]				07.12-	115574	12	1.2
ActiveHybrid								
M 135 3.0 xDrive	(F20)[N55B30A] (F21)				03.15-	115562	12	1.7
					03.15-	115562	12	1.7
M 135 3.0 i M 135 i	(F20)[N55B30A]				03.15-	115562	12	1.7
M 550 3.0 Diesel xDrive	(F10)[N57D30C] (F11)				01.12-	114689	12	2.0
					01.12-	114689	12	2.0
M1 3.5	(M88B35)	05.79- 05.81	110877	14 65				
M3 2.3	(E30)[S14B23]	07.86- 06.91	111147	14 80				
	(E30)[S14B23 (234EA)]	07.86- 06.91	111147	14 80				
	(E30)[S14B23 (234S1)]	07.86- 06.91	111147	14 80				
	(E30)[S14B23 (234S2)]	07.86- 06.91	111147	14 80				
M3 2.3 Evolution I	(E30)[S14B23]	02.87- 05.87	111147	14 80				
M3 2.5 Evolution III	(E30)[S14B25]	01.90- 01.92	111147	14 80				
M3 3.2	(E46)[S54B32 (326S4)]	06.00-	112472	14 100	06.00-	114198	12	1.3
		06.00-	115307	14 120				
M3 3.2 CSL	(E46)[S54B32] (E46)[S54N (326S4)]	06.03-	115307	14 120	06.03-	114198	12	1.3
		06.03-	115307	14 120	06.03-	114198	12	1.3
M5 3.5	(E28)[S38B35] (E28)[S38B35 (356ED)] (E34)[S38B36]	01.85- 11.85	111147	14 80				
		08.85- 12.87	111147	14 80				
					10.88- 05.92	112172	12	1.6
					10.88- 05.92	112172	12	1.6
M5 3.5 i	(E12)[M30B35]	06.80- 08.81	110877	14 65				
		06.80- 08.81	111147	14 80				
M5 3.8	(E34)[S38B38]				03.92- 12.95	112172	12	1.6
M5 4.9	(E39)[S38B49] (E39)[S62B50]				10.98-	112553	12	1.7
					03.00- 06.03	112553	12	1.7
M5 5.0	(E61)[S85B50A]	02.07-	113896	14 170 A49				
M6 3.5 CSi	(E24)[S38B35] (E24)[S38B35 (356ED)]	03.84- 11.85	111147	14 80				
		03.84- 11.85	111147	14 80				
M6 5.0	(E63)[S85B50A]	09.05-	113896	14 170 A49				
X1 1.5 sDrive 18 i	(F48)[B38A15A]				11.15-	115999	12	1.4
X1 1.6 i sDrive 16 i	(E84)[N20B16A]				03.13-	115562	12	1.7
X1 2.0 sDrive18i	(E84)[N46B20B]	01.10-	113871	14 150 A49	01.10-	114297	12	1.2
		01.10-	115867*	14 150				
X1 2.0 xDrive 20 i	(F48)[B48A20A]				09.15-	115999	12	1.4
X1 2.0 Diesel xDrive28i	(E84)[N20B20A]				A25 04.11-	115398	12	1.7
X1 2.0 i sDrive 20i	(E84)[N20B20A]				A25 09.11-	115562	12	1.7
X1 2.0 i xDrive 20i	(E84)[N20B20A]				A25 09.11-	115562	12	1.7
X1 2.0	(E84)[N47D20C]	03.11-	115581	14 180	03.11-	115335	12	2.2
					03.11-	116059	12	2.2 A49
X1 2.0 Diesel	(E84)[N47D20C]	04.12-	115581	14 180	04.12-	115335	12	2.2
					04.12-	116059	12	2.2 A49
X1 2.0 Diesel Sdrive	(E84)[N47D20C]	10.09-	114292	14 180	10.09-	114689	12	2.0
		10.09-	115581	14 180	A25 10.09-	115335	12	2.2
					A25 10.09-	116059	12	2.2 A49
X1 2.0 Diesel sDrive18d	(E84)[N47D20C]	03.09-	114292	14 180	03.09-	114689	12	2.0
		03.09-	115581	14 180	A25 03.09-	115335	12	2.2
					A25 03.09-	116059	12	2.2 A49
X1 2.0 Diesel sDrive20d	(E84)[N47D20C]				A25 03.10-	115335	12	2.2
					03.10-	116059	12	2.2 A49
					03.10-	114689	12	2.0
X1 2.0 Diesel xDrive	(E84)[N47D20C]	10.09-	114292	14 180	10.09-	114689	12	2.0
		10.09-	115581	14 180	A25 10.09-	115335	12	2.2
					A25 10.09-	116059	12	2.2 A49
	(E84)[N47D20D]	10.09-	115581	14 180	10.09-	115335	12	2.2
					10.09-	116059	12	2.2 A49
	(E84)[N47SD20D]	10.09-	114292	14 180	10.09-	114689	12	2.0
					10.09-	115335	12	2.2
					10.09-	116059	12	2.2 A49
X1 2.0 Diesel xDrive 25 d	(F15, F85)[N47D20D]				11.13-	115335	12	2.2
					11.13-	116059	12	2.2 A49
X1 2.0 Diesel xDrive18d	(E84)[N47D20C]	03.09-	114292	14 180	03.09-	114689	12	2.0
		03.09-	115581	14 180	A25 03.09-	115335	12	2.2
					A25 03.09-	116059	12	2.2 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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X1 2.0 Diesel xDrive20d	(E84)[N47D20C]					A25 03.10-03.10-	115335 116059 114689	12 2.2 12 2.2 12 2.0	A49
X1 3.0 Xdrive	(E84)[N52B30A]	10.09-	114524	14 180 VA		10.09-10.09-	114740 115574	12 1.2 12 1.2	
X1 3.0 xDrive25i	(E84)[N52B30A]	01.10-	114524	14 180 VA		01.10-01.10-	114740 115574	12 1.2 12 1.2	
X1 3.0 Diesel xDrive 25 d	(F15, F85)					06.15-	116001	12 2.0	
X3 2.0 xDrive 25 i	(F48)[B48A20B]					09.15-	115999	12 1.4	
X3 2.0 i	(E83)[N46B20]	07.05-07.05-	113871 115867*	14 150 A49 14 150		07.05-	114297	12 1.2	
	(E83)[N46B20B]	07.05-07.05-	113871 115867*	14 150 A49 14 150		07.05-	114297	12 1.2	
X3 2.0 i sDrive 20 i	(F25)[N20B20A]					02.14-	114740	12 1.2	
X3 2.0 i Xdrive	(E83)[N46B20B]	09.08-09.08-	113871 115867*	14 150 A49 14 150		09.08-	114297	12 1.2	
X3 2.0 i xDrive 20i	(F25)[N20B20A]	09.11-	115581	14 180		A25 09.11-	115562	12 1.7	
X3 2.0 i xDrive28i	(F25)[N20B20A]	08.11-	115581	14 180		08.11-	115562	12 1.7	
X3 2.0	(F25)[N47D20C]	09.10-	115581	14 180		09.10-09.10-	115335 116059	12 2.2 12 2.2	A49
X3 2.0 Diesel	(E83)[M47D20 (204D4)]	10.04-10.04-	113878 113881	14 120 14 150		10.04-	114127	12 1.6	A49
	(E83)[N47D20A]					09.07-	114689	12 2.0	
	(F25)[N47D20C]	08.11-	115581	14 180		08.11-08.11-	114689 115335	12 2.0 12 2.2	
						A25 08.11-08.11-	116059	12 2.2	A49
X3 2.0 Diesel sDrive	(F25)[N47D20C]	08.11-	115581	14 180		08.11-08.11-	114689 115335	12 2.0 12 2.2	
						A25 08.11-08.11-	116059	12 2.2	A49
X3 2.0 Diesel sDrive 18 d	(F25)[B47D20A]	02.14-	115581	14 180		02.14-02.14-	115335 116059	12 2.2 12 2.2	A49
X3 2.0 Diesel Xdrive	(E83)[N47D20C]					09.08-04.09-04.09-	114689 115335 116059	12 2.0 12 2.2 12 2.2	A49
X3 2.0 Diesel xDrive 20d	(F25)[N47D20C]	09.10-	115581	14 180		09.10-09.10-	114689 115335 116059	12 2.0 12 2.2 12 2.2	A49
						A25 09.10-09.10-	116059	12 2.2	A49
X3 2.0 Diesel xDrive20d	(E83)[N47D20C]	09.08-	114292	14 180		09.08-	114689	12 2.0	
X3 2.5 i	(E83)[M54B25 (256S5)]	01.04-01.04-	113858 115976	14 150 A49 14 150		01.04-	111911	12 1.4	
X3 2.5 i Xdrive	(E83)[N52B25A]	09.08-	114524	14 180 VA		09.08-09.08-	114740 115574	12 1.2 12 1.2	
X3 2.5 si xDrive	(E83)[N52B25A]	07.06-12.08	114524	14 180 VA		07.06-12.08	114740	12 1.2	
X3 3.0 xDrive 35i	(F25)[N55B30A]					09.10-09.10-	114740 115574	12 1.2 12 1.2	
X3 3.0 Diesel xDrive 28i	(F25)[N52B30A]					04.11-04.11-	114740 115574	12 1.2 12 1.2	
X3 3.0 i	(E83)[M54B30 (306S3)]	01.04-01.04-	113858 115976	14 150 A49 14 150		01.04-	111911	12 1.4	
X3 3.0 i Xdrive	(E83)[N52B30A]	09.08-	114524	14 180 VA		09.08-09.08-	114740 115574	12 1.2 12 1.2	
X3 3.0 Diesel	(E83)[M57D30 (306D2)]	01.04-01.04-	113881 115860	14 150 14 150		01.04-01.04-	113446 114072	12 2.2 12 2.0	
	(E83)[M57D30 (306D3)]	01.04-01.04-	113858 115860 115976	14 150 A49 14 150 14 150		01.04-	114091	12 1.8	
	(E83)[M57N2306D2]	01.04-01.04-01.04-	113858 115860 115976	14 150 A49 14 150 14 150		01.04-	114091	12 1.8	
X3 3.0 Diesel sDrive	(E83)[M57D30 (306D5)]					09.06-	114091	12 1.8	
X3 3.0 Diesel Xdrive	(E83)[M57D30 (306D3)]	09.08-	115860	14 150		09.08-	114091	12 1.8	
	(E83)[M57D30 (306D5)]	09.08-	115860	14 150		09.08-	114091	12 1.8	
	(F25)[N57D30A]					04.15-04.15-04.15-04.15-	114689 115335 116001 116059	12 2.0 12 2.2 12 2.0 12 2.2	
X3 3.0 Diesel xDrive 30d	(F25)[N57D30A]					A25 05.11-05.11-05.11-	115335 116059 114689	12 2.2 12 2.2 12 2.0	A49
X3 3.0 Diesel xDrive30d	(E83)[M57D30 (306D3)]	09.08-	115860	14 150		09.08-	114091	12 1.8	
X4 3.0 M 40 i	(F26)[N55B30A]					12.15-12.15-	115562 115574	12 1.7 12 1.2	
X5 2.0 Diesel sDrive 25	(F15)[N47D20D]					01.13-01.13-	115335 116059	12 2.2 12 2.2	A49
X5 2.0 Diesel sDrive 25 d	(F15, F85)[N47D20D]					11.13-11.13-	115335 116059	12 2.2 12 2.2	A49
X5 2.0 Diesel xDrive 25	(F15)[N47D20D]					01.13-01.13-	115335 116059	12 2.2 12 2.2	A49
X5 3.0 xDrive 35 i	(F15, F85)[N55B30A]					01.13-	115562	12 1.7	
X5 3.0 xDrive35i	(E70)[N55B30A]					09.10-09.10-	114740 115574	12 1.2 12 1.2	
X5 3.0 i	(E53)[M54306S3]					05.00-	111911	12 1.4	
	(E53)[M54B30 (306S3)]	10.98-	112426	14 150		10.99-	111911	12 1.4	
X5 3.0 i Xdrive	(E70)[N52B30A]	09.08-	114524	14 180 VA					
X5 3.0 i xDrive 35	(E70)[N55B30A]					02.12-02.12-	114740 115574	12 1.2 12 1.2	
	(F15)					01.13-	115562	12 1.7	
X5 3.0 Si	(E70)[N52B30]	02.07-09.08	114524	14 180 VA		02.07-09.08	114740	12 1.2	
	(E70)[N52B30A]	02.07-09.08	114524	14 180 VA		02.07-09.08	115574	12 1.2	
						02.07-09.08	114740	12 1.2	
						02.07-09.08	115574	12 1.2	
X5 3.0	(E70)[N57D30A]	09.08-	115960*	14 180		A25 09.08-09.08-	115335 116059	12 2.2 12 2.2	A49
X5 3.0 Diesel	(E70)[M57306D3]	02.07-09.08	114385*	14 170		02.07-09.08	114091	12 1.8	
	(E53)[M57D30 (306D2)]	12.03-	113881	14 150		12.03-12.03-	113446 114072	12 2.2 12 2.0	



	(E70)[M57D30 (306D3)]	02.07- 09.08	114385*	14	170	02.07- 09.08	114091	12	1.8
	(E53)[M57D30(306D1)]	04.00-	112462	14	120	04.00-	113446	12	2.2
		04.00-	112468	14	150	03.01- 09.03	115506	12	2.0 A49
	(E53)[M57N306D4]	12.03-	113881	14	150	09.03-	113446	12	2.2
						12.03-	114072	12	2.0
	(E70)[N57D30C]					08.11-	114689	12	2.0
X5 3.0 Diesel 4x4	(E53)[M57D30 (306D2)]	08.04-	113881	14	150	08.04-	114072	12	2.0
	(E70)[M57D30 (306D3)]	02.07- 09.08	114385*	14	170	02.07- 09.08	114091	12	1.8
X5 3.0 Diesel Sdrive	(E70)[M57D30 (306D5)]	09.07- 09.08	114385*	14	170	09.07- 09.08	114091	12	1.8
X5 3.0 Diesel Xdrive	(E70)[M57N306D5]	09.08-	114385*	14	170	09.08-	114091	12	1.8
	(E70)[N57D30A]	09.08-	114385*	14	170	09.08-	114091	12	1.8
X5 3.0 Diesel xDrive 30 d	(F15, F85)[N57D30A]					04.15-	116001	12	2.0
	(F16, F86)					02.15-	116001	12	2.0
X5 3.0 Diesel xDrive 40	(F15)[N57D30B]					12.13-	116001	12	2.0
X5 3.0 Diesel xDrive30d	(E70)[N57D30A]	09.10-	115960*	14	180	09.10-	114689	12	2.0
X5 3.0 Diesel xDrive40d	(E70)[N57D30B]	09.10-	115960*	14	180	09.10-	114689	12	2.0
X5 4.4 i	(E53)[M62B44]	10.98- 07.00	112426	14	150	04.00-	112553	12	1.7
	(E53)[M62B44TU]	05.00-	112426	14	150	05.00-	112553	12	1.7
	(E53)[N62B44]	12.03-	114189	14	180				
	(E53)[N62B44A]	12.03-	114189	14	180				
X5 4.6 iS	(E53)[M62B46 (468S1)]	02.02-	112426	14	150	02.02-	112553	12	1.7
X5 4.8 i	(E70)[N62B48B]	02.07- 09.08	115923	14	180				
X5 4.8 i Xdrive	(E70)[N62B48B]	09.08-	115923	14	180				
X6 3.0 i Xdrive	(E71)[N54B30A]					09.08-	114740	12	1.2
						09.08-	115574	12	1.2
	(E71)[N55B30A]					09.08-	114740	12	1.2
						09.08-	115574	12	1.2
X6 3.0 i xDrive 35	(E71, E72)[N54B30A]					08.09-	114740	12	1.2
X6 3.0 Diesel	(E71, E72)[N57D30C]					08.11-	114689	12	2.0
X6 3.0 Diesel Xdrive	(E71)[M57D30 (306D5)]	09.08-	114385*	14	170	09.08-	114091	12	1.8
	(E71, E72)	05.08-	114385*	14	170	05.08-	114091	12	1.8
	(E71)[M57N2306D3]	05.08-	114385*	14	170	05.08-	114091	12	1.8
	(E71)[N57D30A]	09.08-	114385*	14	170	09.08-	114091	12	1.8
	(F16, F86)					12.15-	116001	12	2.0
X6 3.0 Diesel xDrive30d	(E71, E72)[M57D30 (306D3)]	09.10-	115960*	14	180	09.10-	114689	12	2.0
	(E71, E72)[N57D30A]	09.10-	115960*	14	180	09.10-	114689	12	2.0
X6 3.0 Diesel xDrive40d	(E71, E72)[N57D30B]	10.10-	115960*	14	180	10.10-	114689	12	2.0
Z1 2.5	[M20B25]					11.88- 06.91	111400	12	1.4
Z3 1.8	(E36)[M43B19]					07.98-	111911	12	1.4
	(E36)[M43B19 (194E1)]					07.98- 01.03	111911	12	1.4
Z3 1.8 i	(E36)[M43B18]					03.96-	111911	12	1.4
Z3 1.9 i 16V	[M44B19]					03.96-	111911	12	1.4
	[M44B19 (194S1)]					10.95- 03.99	111911	12	1.4
Z3 1.9 i	(E36)[M43B19 (194E1)]	09.98- 08.00	112413	14	90	01.99-	111911	12	1.4
Z3 2.0	(E36)[M52B20]	04.99- 01.03	111895#	14	140	04.99-	111911	12	1.4
	(E36)[M52B206S4]	04.99- 01.03	111895#	14	140	04.99- 01.03	111911	12	1.4
Z3 2.2	(E36)[M54B22(226S1)]					08.00-	111911	12	1.4
Z3 2.8 i	(E36)[M52B28]	11.96- 09.00	112193	14	120	11.96- 09.00	111911	12	1.4
	(E36)[M52B28 (286S1)]	04.97- 06.00	112193	14	120	04.97- 06.00	111911	12	1.4
	(E36)[M52B28TU]	04.97- 06.00	112193	14	120	04.97- 06.00	111911	12	1.4
Z3 3.0	(E36)[M54B30 (306S3)]					06.00-	111911	12	1.4
Z3 3.2	(E36)[S54326S4]	06.01-	112462	14	120 ▲	06.01- 01.03	114198	12	1.3
		06.01- 01.03	115307	14	120				
	(E36)[S54B32]	06.01- 01.03	112462	14	120 ▲	06.01- 01.03	114198	12	1.3
		06.01- 01.03	115307	14	120				
	(E36)[S54B32 (326S4)]	06.01- 01.03	112462	14	120	06.01- 01.03	114198	12	1.3
		06.01- 01.03	115307	14	120				
Z4 2.0	(E89)[N20B20A]					04.13-	114740	12	1.2
						04.13-	115562	12	1.7
Z4 2.0 sDrive 20 i	(F48)[B48A20A]					09.15-	115999	12	1.4
Z4 2.0 i	(E85)[N46B20A]	03.05-	113871	14	150 A49	04.05-	114297	12	1.2
		04.05-	115867*	14	150				
	(E85)[N46B20B]	04.05-	113871	14	150 A49	04.05-	114297	12	1.2
		04.05-	115867*	14	150				
	(E85)[N46B20C]	03.95-	113871	14	150 A49				
Z4 2.0 i sDrive 20i	(E89)[N20B20A]					09.11-	115562	12	1.7
Z4 2.0 i sDrive 28i	(E89)[N20B20A]					09.11-	115562	12	1.7
Z4 2.2 i	(E85)[M54B22(226S1)]	10.03-	115677	14	120	10.03-	111911	12	1.4
Z4 2.5 i	(E85)[M54B25256S5]	02.03-	115677	14	120	02.03-	111911	12	1.4
	(E85)[N52B25A]	01.06-	115904*	14	150	01.06-	114740	12	1.2
						01.06-	115574	12	1.2
Z4 2.5 i Sdrive	(E89)[N52B25A]					05.09-	114740	12	1.2
						05.09-	115574	12	1.2
Z4 2.5 Si	(E85)[N52B25A]	01.06-	115904*	14	150	01.06-	114740	12	1.2
						01.06-	115574	12	1.2
Z4 3.0 sDrive35is	(E89)[N54B30A]					09.10-	114740	12	1.2
						09.10-	115574	12	1.2
Z4 3.0 i	(E85)[M54B30 (306S3)]	02.03-	115677	14	120	02.03-	111911	12	1.4
Z4 3.0 i Sdrive	(E89)[N52B30A]					05.09-	114740	12	1.2
						05.09-	115574	12	1.2
	(E89)[N54B30A]					05.09-	114740	12	1.2
						05.09-	115574	12	1.2
Z4 3.0 Si	(E85)[N52B30A]	01.06-	115904*	14	150	01.06-	114740	12	1.2
						01.06-	115574	12	1.2
Z4 3.2 M	(E85)[S54B32 (326S4)]	03.06-	113858	14	150 A49	03.06-	114198	12	1.3
		03.06-	115976	14	150				
	(E86)	03.06-	113858	14	150 A49	03.06-	114198	12	1.3
		03.06-	115976	14	150				
Z8 4.9	(E52)[S38B49]					06.00-	112553	12	1.7
	(E52)[S62B50]					06.00-	112553	12	1.7
<b>PASSENGER CARS US</b>									
118 2.0 i	(E87)[N43B20A]	07.04- 09.12	115931*	14	170				
	(E87)[N46B20B]	07.04- 09.12	115931*	14	170				
318 1.8 i	[M10]	01.84- 01.85	111147	14	80				
318 1.8 iS	[M42]					01.91- 01.95	111911	12	1.4
318 1.8 Ti	[M42]	01.95-	111946	14	80				

## STARTERS & ALTERNATORS

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318 1.9	[M44]	01.96- 01.97	111946	14 80	01.96- 01.97	111911	12 1.4
318 1.9 i	[M44]	01.96- 01.98	111946	14 80	01.96- 01.98	111911	12 1.4
318 1.9 iS	[M44]	01.96- 01.97	111946	14 80	01.96- 01.97	111911	12 1.4
318 1.9 Ti	[M44]	01.96- 01.99	111946	14 80	01.96- 01.99	111911	12 1.4
323 2.5 Ci	[M52]	01.00- 01.00	112193	14 120	01.00- 01.00	111911	12 1.4
323 2.5 i	[M52]	01.99- 01.00	112687	14 80	01.99- 01.00	111911	12 1.4
323 2.5 i Sport	[M52]	01.00- 01.00	112193	14 120	01.00- 01.00	111911	12 1.4
323 2.5 iC	[M52]	01.98- 01.99	112687	14 80	01.98- 01.99	111911	12 1.4
323 2.5 iS	[M52]	01.98- 01.99	112687	14 80	01.98- 01.99	111911	12 1.4
325 2.5 Ci	[M54]				01.01- 01.03	111911	12 1.4
325 2.5 i	[M20]				01.87- 01.91	111400	12 1.4
	[M50]	01.92- 01.95	112687	14 80	01.92- 01.95	111400	12 1.4
	[M54]				01.01- 01.03	111911	12 1.4
325 2.5 i Sport	[M54]				01.01- 01.03	111911	12 1.4
325 2.5 iC	[M20]				01.87- 01.93	111400	12 1.4
	[M50]	01.94- 01.95	112687	14 80			
325 2.5 iS	[M20]				01.87- 01.91	111400	12 1.4
	[M50]	01.92- 01.95	112687	14 80	01.92- 01.95	111400	12 1.4
325 2.5 iX	[M20]				01.88- 01.91	111400	12 1.4
325 2.5 Xi	[M54]				01.01- 01.03	111911	12 1.4
325 2.5 Xi Sport	[M54]				01.01- 01.03	111911	12 1.4
325 2.7	[M20]				01.87- 01.88	111400	12 1.4
325 2.7 E	[M20]	01.84- 01.87	111147	14 80			
328 2.8	[M52]	01.98- 01.99	112687	14 80	01.98- 01.99	111911	12 1.4
328 2.8 Ci	[M52]	01.00- 01.00	112193	14 120	01.00- 01.00	111911	12 1.4
328 2.8 i	[M52]	01.00- 01.00	112193	14 120	01.96- 01.00	111911	12 1.4
		01.96- 01.99	112687	14 80			
328 2.8 iC	[M52]	01.96- 01.97	112687	14 80	01.96- 01.97	111911	12 1.4
328 2.8 iS	[M52]	01.96- 01.99	112687	14 80	01.96- 01.99	111911	12 1.4
330 3.0 Ci	[M54]				01.01- 01.03	111911	12 1.4
330 3.0 i	[M54]				01.01- 01.03	111911	12 1.4
330 3.0 Xi	[M54]				01.02- 01.03	111911	12 1.4
525 2.5 i	[M20]				01.89- 01.90	111400	12 1.4
	[M54]				01.01- 01.03	111911	12 1.4
525 2.5 i Sport	[M54]				01.01- 01.03	111911	12 1.4
525 2.5 iT	[M50]	01.93-	112687	14 80			
528 2.7 E	[M20]				01.87- 01.88	111400	12 1.4
528 2.8 i	[M30]	01.79- 01.81	110877	14 65			
	[M52]	01.97- 01.00	112193	14 120	01.97- 01.00	111911	12 1.4
528 2.8 iT	[M52]	01.99- 01.00	112193	14 120	01.99- 01.00	111911	12 1.4
530 3.0 i	[M54]				01.01- 01.02	111911	12 1.4
	[M60]				01.94- 01.95	112553	12 1.7
530 3.0 iT	[M60]				01.94- 01.95	112553	12 1.7
530 3.2 i	[M30]	01.83- 01.84	111147	14 80			
535 3.5 i	[M30]	01.85- 01.86	111147	14 80	01.88- 01.93	112172	12 1.6
535 3.5 iS	[M30]				01.88-	112172	12 1.6
540 4.0 i	[M60]				01.94- 01.95	112553	12 1.7
540 4.4 i	[M62]	01.03-	112426	14 150	01.97- 01.02	112553	12 1.7
		01.97- 01.02	111895#	14 140			
540 4.4 i Sport	[M62]	01.01- 01.03	112426	14 150	01.01- 01.02	112553	12 1.7
540 4.4 iT	[M62]	01.99- 01.00	112426	14 150	01.99- 01.00	112553	12 1.7
633 3.2 CSi	[M30]	01.78- 01.84	110877	14 65			
		09.79- 11.85	111147	14 80			
635 3.5 CSi	[M30]	01.85- 01.86	111147	14 80			
733 3.2 i	[M30]	01.78- 01.84	110877	14 65			
735 3.5 i	[M30]	01.85- 01.86	111147	14 80			
735 3.5 iL	[M30]				01.88- 01.92	112172	12 1.6
740 4.0 i	[M60]	01.95-	111895#	14 140	01.93- 01.94	112553	12 1.7
740 4.0 iL	[M60]				01.93- 01.95	112553	12 1.7
740 4.4 i	[M62]	01.97- 01.98	111895#	14 140			
		01.98- 01.01	112426	14 150	01.97- 01.01	112553	12 1.7
740 4.4 iL	[M62]	01.96- 01.98	111895#	14 140			
		01.99- 01.01	112426	14 150	01.96- 01.01	112553	12 1.7
750 5.0 iL	[M70]	01.88- 01.94	111895#	14 140			
750 5.4 iL	[M73]	01.95- 01.98	111895#	14 140			
		01.99- 01.01	112426	14 150			
840 4.0 Ci	[M60]				01.94- 01.95	112553	12 1.7
840 4.4 Ci	[M62]	01.96- 01.97	111895#	14 140	01.96- 01.97	112553	12 1.7
850 5.0 Ci	[M70]	01.93- 01.94	111895#	14 140			
850 5.0 i	[M70]	01.91- 01.92	111895#	14 140			
850 5.4 Ci	[M73]	01.95- 01.97	111895#	14 140			
850 5.6 CSi	[S70]	01.94- 01.95	111895#	14 140			
1802 1.8		08.70- 07.77	110877	14 65			
2800 2.8 CS		03.76-	110877	14 65			
M3 3.0	[S50]	01.95-	112687	14 80			
M3 3.2	[S52]	01.96- 01.99	112687	14 80	01.96- 01.99	111911	12 1.4
M5 3.6	[S38]				01.91- 01.93	112172	12 1.6
M5 5.0	[S62]				01.00- 01.03	112553	12 1.7
X5 3.0 i	[M54]	10.98-	112426	14 150			
X5 4.4	[M62]	01.00- 01.03	112426	14 150	01.00- 01.03	112553	12 1.7
X5 4.6 iS	[M62]	01.02- 01.03	112426	14 150	01.03- 01.03	112553	12 1.7
X6 3.0 i xDrive 35 i	(E71, E72)[N55B30A]				01.12-	114740	12 1.2
					01.12-	115574	12 1.2
Z3 1.9	[M44]	01.96- 01.98	111946	14 80	01.96- 01.98	111911	12 1.4
Z3 2.5	[M52]	01.99- 01.00	112193	14 120	01.99- 01.00	111911	12 1.4
	[M54]				01.01- 01.02	111911	12 1.4
Z3 2.8	[M52]	01.97- 01.00	112193	14 120	01.97- 01.00	111911	12 1.4
Z3 3.0	[M54]				01.01- 01.02	111911	12 1.4
Z3 3.2 M	[S52]	01.99- 01.00	112687	14 80	01.99- 01.00	111911	12 1.4
Z4 2.5	[M54]				01.03- 01.03	111911	12 1.4
Z4 3.0	[M54]				01.03- 01.03	111911	12 1.4
Z8 5.0	[S62]				01.01- 01.03	112553	12 1.7
PASSENGER CARS AO							
3 3.0	(E93)[N52B30A]	03.07-	114524	14 180 VA	03.07-	114740	12 1.2
					03.07-	115574	12 1.2

## STARTERS & ALTERNATORS





	(E93)[N52NB30B]	03.07-	114524	14 180 VA	03.07-03.07-	114740 115574	12 1.2 12 1.2
5 3.0 i	(E60)	03.05-	115904*	14 150			
118 2.0 i	(E87)[N43B20A]	03.07- 12.07	115931*	14 170			
318 1.8 i	(E30)[M40B18C]				06.88- 02.92	111911	12 1.4
320 2.0 i	(E92)[N43B20A]	06.07-	113871	14 150 A49			
		06.07-	114781	14 110	06.07-	114297	12 1.2
	06.07-	115867*	14 150				
	(E92)[N46B20B]	06.07-	113871	14 150 A49			
		06.07-	114781	14 110	06.07-	114297	12 1.2
		06.07-	115867*	14 150			
323 2.5 i	(E90)[N52B25A]	03.08- 12.11	115904*	14 150			
330 3.0 i	(E92)[N52B30A]	08.06-	114524	14 180 VA	08.06-08.06-	114740 115574	12 1.2 12 1.2
330 3.0 Xi	(E92)[N52B30A]	09.06-	114524	14 180 VA			
335 3.0 i	(E90)[N54B30A]				10.06- 12.11	114740	12 1.2
					10.06- 12.11	115574	12 1.2
	(E90)[N55B30A]				10.06- 12.11	114740	12 1.2
					10.06- 12.11	115574	12 1.2
523 2.5 i	(F10)[N52B25A]				03.10-03.10-	114740 115574	12 1.2 12 1.2
735 4.0 i	(E65, E66)[N62B40A]	03.05-	114189	14 180			
ActiveHybrid 3.0 ActiveHybrid	(F30)[N55B30A]				07.12-	115574	12 1.2
X1 2.0 Diesel xDrive	(E84)[N47D20C]	10.09-	115581	14 180	10.09-10.09-	115335 116059	12 2.2 12 2.2
							A49
Z3 3.2		08.00- 06.03	115307	14 120	08.00- 06.03	114198	12 1.3
<b>MOTOR BIKES</b>							
R100 1.0					06.76-	111334	12 1.2
R1100 1.1					01.93- 01.01	111335	12 1.1
R1150 1,13		01.01- 12.05	116075*	14 60			
R1150 1.1			116075*	14 60	01.00- 01.01	111335	12 1.1
R1200 1.1		10.01- 07.04	116075*	14 60			
R45 0.5					06.78- 07.85	111334	12 1.2
R50 0.5					09.69- 07.73	111334	12 1.2
R60.5 0.6					09.69- 06.73	111334	12 1.2
R60.6 0.6					09.74- 06.78	111334	12 1.2
R60.7 0.6					09.76- 06.80	111334	12 1.2
R65 0.7					07.78- 12.93	111334	12 1.2
R75.5 0.8					09.69- 09.80	111334	12 1.2
R75.6 0.8					09.73- 08.76	111334	12 1.2
R75.7 0.8					09.76- 08.79	111334	12 1.2
R80 0.8					09.77-	111334	12 1.2
R850 0.85		01.01- 12.06	116075*	14 60			
R90 0.9					08.73-	111334	12 1.2
<b>MARINE</b>							
Marine 2.0	[B130]	12.78- 07.87	113631	14 90			
Marine 2.8	[B190]	03.78- 07.87	113631	14 90			
Various models					10.81- 07.87	112173	12 2.7
					12.78- 07.87	110363	12 0.7
<b>Bobcat</b>							
<b>INDUSTRY</b>							
322	[Kubota]					114738	12 1.4
320C	[Kubota]					114738	12 1.4
320D	[Kubota]					114738	12 1.4
322C	[Kubota]					114738	12 1.4
E55W	[4TNV98]					114874	12 3.0
Various models	[Kubota]					114685	12 2.0
<b>MISCELLANEOUS</b>							
443	[D750]				01.82- 01.88	110469	12
533	[Isuzu]				01.80- 01.81	110469	12
543	[D950]				01.82- 01.88	110469	12
611	[Deutz]				01.80- 01.81	110602	12 2.8
621	[Deutz]				01.80- 01.81	110602	12 2.8
632	[4-98]				01.81-	110469	12
641	[F2L511]				01.82-	110590	12 2.8
642	[Ford]				01.84-	110469	12
643					01.82- 01.89	110602	12 2.8
671					08.80-	110590	12 2.8
672					01.80-	110469	12
733	[Deutz]				08.80- 01.81	110602	12 2.8
741	[F2L511]				01.82-	110590	12 2.8
743					01.82- 01.85	110602	12 2.8
753					01.93-	112489	12 2.7
					01.90- 01.93	110602	12 2.8
773		01.95-	110540	14 55	01.94-	112489	12 2.7
825	[Perkins]				01.80- 01.81	110602	12 2.8
833	[Perkins]				01.80- 01.81	110602	12 2.8
843	[Perkins]				01.80- 01.81	110602	12 2.8
943					01.88-	110590	12 2.8
970					01.70- 01.76	110468	12
974					01.89-	110590	12 2.8
975					01.89-	110590	12 2.8
					01.77- 01.83	111221	12 2.5
980		01.88-	110540	14 55	01.88-	112267	12 2.5
1600					01.89-	110602	12 2.8
2000					01.89-	110590	12 2.8
2200	[Kubota]					114485	12 1.1
S175	[Kubota]				01.02- 01.03	113727	12 2.7
S185	[Kubota]	01.02- 01.03	113600	14 90	01.02- 01.03	113727	12 2.7
S250	[Kubota]	01.02- 01.03	113600	14 90	01.02- 01.03	113727	12 2.7
T200	[Deutz]	01.99-	113600	14 90			

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



**BOBCAT** *Continued*

Various models	110540	14	55			110949	12	0.6
	113600	14	90		01.75- 01.85	111221	12	2.5
	113347	14	20		01.89- 12.95	111383	12	2.8
	114205	14	40			110536	12	2.7
	115432	14	50			112489	12	2.7
						110590	12	2.8
						110942	12	2.5
						111300	12	1.4

**Bomag**

<b>INDUSTRY</b>								
BW 211 B 5.7	[F6L912]				01.83- 06.85	110536	12	2.7
BW 75 H 0.6	[E785]				01.79- 06.81	112542	12	1.35
BW 75 HS 0.6	[E785]				04.80- 04.95	112542	12	1.35
Various models					01.75-	113181	12	2.3
					01.75-	116093*	12	4.0

**Bombardier**

**MISCELLANEOUS**

Various models						111915	12	0.6
						113681	12	0.6

**Bosch**

**MOTORS**

DDOD 100 9.6	[F6L413]				04.82- 01.99	112651	24	4.8	
					04.82- 01.99	114437	24	5.4	
DDOD 17 2.0	[F2L912]	04.82-	110641	14	33				
DDOD 27 2.8	[F3L912]	04.82-	110641	14	33	04.82- 12.91	110536	12	2.7
						01.92- 01.99	112555	12	3.1
DDOD 36 4.0	[F4L912]	04.82-	110641	14	33	04.82- 12.91	110536	12	2.7
						01.92- 01.99	112555	12	3.1
DDOD 46 4.7	[F5L912]	04.82-	110641	14	33				
DDOD 57 5.7	[F6L912]	04.82-	110641	14	33				
DDOD 83 8.0 Diesel	[F5L413FR]					04.82- 01.99	112651	24	4.8

**Bova**

**TRUCKS EU**

122 12.9	[MX300]	10.06-	114089	28	80	10.06-	114073	24	5.5
		10.06-	114314	28	110	10.06-	115511	24	5.5
		10.06-	115495	28	80	A49			
130 12.9	[MX340]	07.07-	114089	28	80	07.07-	114073	24	5.5
		07.07-	114314	28	110	07.07-	115511	24	5.5
		07.07-	115495	28	80	A49			
	[MX375]	07.07-	114089	28	80	07.07-	115511	24	5.5
		07.07-	114314	28	110	07.07-	114073	24	5.5
		07.07-	115495	28	80	A49			
131 12.9	[MX340]	07.07-	114089	28	80	07.07-	114073	24	5.5
		07.07-	114314	28	110	07.07-	115511	24	5.5
		07.07-	115495	28	80	A49			
141 12.9	[MX340]	07.07-	114089	28	80	07.07-	114073	24	5.5
		07.07-	114314	28	110	07.07-	115511	24	5.5
		07.07-	115495	28	80	A49			
	[MX375]	07.07-	114089	28	80	07.07-	114073	24	5.5
		07.07-	114314	28	110	07.07-	115511	24	5.5
		07.07-	115495	28	80	A49			
DD 130 12.6	[XE355C]	09.04-	115491	28	80	09.04-	113934	24	5.5
		09.04-	115617	28	100	A49			
		09.04-	115618	28	100				
DD 138 12.6	[XE355C]	09.04-	115491	28	80	09.04-	113934	24	5.5
		09.04-	115617	28	100	A49			
		09.04-	115618	28	100				
FHD 10 12.6	[XE250C]	09.01-	113284	28	80	09.01-	113934	24	5.5
		09.01-	115491	28	80	A49			
		09.01-	115617	28	100	A49			
		09.01-	115618	28	100				
FHD 12 12.6	[XE250C]	09.01-	113284	28	80	09.01-	113934	24	5.5
		09.01-	115491	28	80	A49			
		09.01-	115617	28	100	A49			
		09.01-	115618	28	100				
FHD 13 12.6	[XE250C]	09.01-	113284	28	80	09.01-	113934	24	5.5
		09.01-	115491	28	80	A49			
		09.01-	115617	28	100	A49			
		09.01-	115618	28	100				
FLD 12 12.6	[XE250C]	09.01-	113284	28	80	09.01-	113934	24	5.5
		09.01-	115491	28	80	A49			
		09.01-	115617	28	100	A49			
		09.01-	115618	28	100				
FLD 13 12.6	[XE250C]	09.01-	113284	28	80	09.01-	113934	24	5.5
		09.01-	115491	28	80	A49			
		09.01-	115617	28	100	A49			
		09.01-	115618	28	100				
HD 120 12.6	[XE250C]	10.99-	113284	28	80	10.99-	113934	24	5.5
		10.99-	115491	28	80	A49			
		10.99-	115617	28	100	A49			
		10.99-	115618	28	100				
HD 122 12.6	[XE250C]	10.99-	113284	28	80	10.99-	113934	24	5.5
		10.99-	115491	28	80	A49			
		10.99-	115617	28	100	A49			
		10.99-	115618	28	100				

**BPM**

**MARINE**

Arctic 157		01.62- 12.87	110641	14	33			
Arctic 181		01.62- 12.87	110641	14	33			
Ionic 144		06.62- 12.88	110641	14	33			
Oceanic 235		01.63- 12.87	110641	14	33			
Oceanic 265 S		01.63- 07.92	110641	14	33			
V12 / 570		06.72- 07.92	110641	14	33			
V12 / 620 S		06.72- 07.92	110641	14	33			
Various models						115423	12	3.0
Vulcano 375		06.68- 07.92	110641	14	33			

**STARTERS & ALTERNATORS**

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Vulcano 450		06.68- 07.92	110641	14	33				
<b>Briggs &amp; Stratton</b>									
<b>MOTORS</b>									
Vanguard V-Twin							114716	12	
Various models			115319	14	45		115591	12	
							115592	12	0.6
							115469	12	0.7
							110634	12	0.65
							112563	12	0.8
							114517	12	
							114519	12	1.0
							113539	12	
							113853	12	
							110635	12	0.5
							112242	12	0.6
							114520	12	
<b>Brilliance BMW</b>									
<b>PASSENGER CARS AO</b>									
525 2.5 Li		01.07-	115904*	14	150				
5 SERIES 2.5	[N52B25]	07.03-	115904*	14	150				
<b>Buhrer</b>									
<b>AGRICULTURE</b>									
Various models						01.72- 01.73	110462	12	2.8
						01.71-	110439	12	2.0
<b>Buick</b>									
<b>PASSENGER CARS EU</b>									
Century 5.7 Limited	[LF9]	04.78- 12.79	110504	14	90				
		04.78- 12.79	112448	14	100				
		01.82- 01.83	110233	14	63				
		01.82- 01.83	110505	14	75				
		01.83- 01.86	110508	14	78				
		01.84- 01.86	110471	14	94				
		01.84- 01.86	110492	14	108				
		01.87- 01.92	110499	14	100/105				
		AC 01.82- 01.83	110235	14	80				
Lesabre 3.8	[L36]	01.99-	111220	14	105				
Park Avenue 3.8	[L27]	01.91-	111220	14	105				
		01.91- 10.96	112636	14	100/105				
Skylark 2.8	[LE2]	01.79- 12.82	110505	14	75	04.79- 12.82	110221	12	1.2
		04.79- 12.82	110504	14	90				
		01.80- 12.82	110235	14	80				
Skylark 3.3 V6	[LG7]	09.89- 01.91	110724	14	60				
Various models						01.77- 01.80	110218	12	
						01.80-	110221	12	1.2
						[L4 2.5] 01.84- 06.84	112911	12	1.6
						01.91- 12.00	112898	12	1.6
						01.64- 01.80	112897	12	1.7
<b>PASSENGER CARS US</b>									
Apollo 4.1		01.73- 01.75	110505	14	75				
Apollo 4.1 SR		01.75-	110233	14	63				
		01.75- 01.75	110505	14	75				
Apollo 4.3		01.75-	110502	14	100/105				
		01.75-	110505	14	75				
Apollo 4.3 SR		01.75-	110505	14	75				
Apollo 5.7		01.73- 01.75	110502	14	100/105				
		01.73- 01.75	110233	14	63				
		01.73- 01.75	110505	14	75				
Apollo 5.7 SR		01.75-	110233	14	63				
		01.75-	110505	14	75				
		01.91- 01.93	112629	14	100/105				
Centurion 5.7		01.72- 01.73	110233	14	63				
		01.72- 01.73	110505	14	75				
Centurion 7.5		01.72- 01.73	110233	14	63				
		01.72- 01.73	110505	14	75				
		01.71-	110075	14	60				
Century 2.2 Custom		01.93- 01.96	110500	14	100/105	01.93- 01.96	112911	12	1.6
Century 2.2 Limited		01.93-	110500	14	100/105	01.93-	112911	12	1.6
Century 2.2 Special		01.93- 01.96	110500	14	100/105	01.93- 01.96	112911	12	1.6
Century 2.5		01.84- 01.89	112448	14	100	01.84- 01.89	112911	12	1.6
		01.84- 01.89	110505	14	75	01.84- 01.89	110221	12	1.2
		01.84- 01.89	110471	14	94				
		01.84- 01.86	110492	14	108				
		01.87- 01.89	110499	14	100/105				
Century 2.5 Custom		01.83- 01.92	112448	14	100				
		01.82- 01.92	110505	14	75				
		01.82- 01.92	110235	14	80				
		01.83- 01.92	110471	14	94				
		01.84- 01.86	110492	14	108				
		01.87- 01.92	110499	14	100/105				
		01.83- 01.86	110508	14	78				
Century 2.5 Limited		01.83- 01.92	112448	14	100				
		01.82- 01.92	110235	14	80				
		01.83- 01.92	110471	14	94				
		01.82- 01.92	110505	14	75				
		01.84- 01.92	110492	14	108				
		01.87- 01.92	110499	14	100/105				
		01.83- 01.86	110508	14	78				
Century 2.5 Special		01.91- 01.92	112448	14	100	01.91- 01.92	110221	12	1.2
		01.91- 01.92	110499	14	100/105				
Century 2.8		01.85-	110471	14	94	01.85- 01.88	112911	12	1.6
		01.85-	110508	14	78				
		01.85- 01.86	110492	14	108				
		01.87- 01.88	112448	14	100				
		01.87- 01.88	111388	14	100/105				
		01.87- 01.88	110499	14	100/105				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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**BUICK** *Continued*

Century 2.8 Custom	01.83- 01.85	110508	14 78	01.83- 01.89	112911	12 1.6
	01.83- 01.85	110471	14 94			
	01.84- 01.86	110492	14 108			
	01.83- 01.85	110505	14 75			
	01.87- 01.89	112448	14 100			
	01.87- 01.89	111388	14 100/105			
	01.87- 01.89	110499	14 100/105			
Century 2.8 Limited	01.83- 01.85	110505	14 75	01.83- 01.89	112911	12 1.6
	01.83- 01.85	110508	14 78			
	01.83- 01.85	110471	14 94			
	01.84- 01.86	110492	14 108			
	01.87- 01.89	112448	14 100			
	01.87- 01.89	111388	14 100/105			
	01.87- 01.89	110499	14 100/105			
Century 3.0	01.84- 01.85	110492	14 108	01.84- 01.85	110221	12 1.2
	01.84- 01.85	110471	14 94			
	01.84- 01.85	110235	14 80			
	01.84- 01.85	110505	14 75			
Century 3.0 Custom	01.83-	110502	14 100/105	01.82- 01.85	110221	12 1.2
	01.82- 01.85	110235	14 80			
	01.84- 01.85	110492	14 108			
	01.82- 01.82	110505	14 75			
	01.83- 01.85	110508	14 78			
	01.84- 01.85	110471	14 94			
Century 3.0 Limited	01.82- 01.85	110235	14 80	01.82- 01.85	110221	12 1.2
	01.84- 01.85	110492	14 108			
	01.82- 01.82	110505	14 75			
	01.83- 01.85	110508	14 78			
	01.84- 01.85	110471	14 94			
Century 3.0 T-Type	01.83- 01.84	110235	14 80	01.83- 01.84	110221	12 1.2
	01.83- 01.84	110505	14 75			
	01.83- 01.84	110471	14 94			
	01.84- 01.84	110492	14 108			
	01.83- 01.84	110508	14 78			
Century 3.1 Custom				01.97- 01.00	112900	12 1.4
				01.94- 01.96	112911	12 1.6
Century 3.1 Limited				01.97- 01.00	112900	12 1.4
Century 3.1 Special				01.94- 01.96	112911	12 1.6
Century 3.2 Custom	01.78- 01.79	110505	14 75	01.78- 01.79	110221	12 1.2
Century 3.2 Limited	01.78- 01.79	110505	14 75			
Century 3.2 Special	01.78- 01.79	110505	14 75			
Century 3.2 Sport	01.78- 01.79	110505	14 75			
Century 3.3				01.89-	110221	12 1.2
Century 3.3 Custom	01.89- 01.93	112448	14 100	01.89- 01.93	110221	12 1.2
	01.91- 01.93	110499	14 100/105			
Century 3.3 Limited	01.89- 01.93	112448	14 100	01.89- 01.93	110221	12 1.2
	01.91- 01.93	110499	14 100/105			
Century 3.3 Special	01.91- 01.93	112448	14 100	01.91- 01.93	110221	12 1.2
	01.91- 01.93	110499	14 100/105			
Century 3.8	01.75- 01.81	110502	14 100/105	01.84- 01.88	110221	12 1.2
	01.80- 01.81	110235	14 80			
	01.75- 01.85	110505	14 75			
	01.87- 01.88	110499	14 100/105			
	01.86- 01.86	110508	14 78			
	01.84- 01.86	110471	14 94			
	01.84- 01.86	110492	14 108			
	01.86- 01.88	112448	14 100			
Century 3.8 Custom	01.75- 01.85	110505	14 75	01.84- 01.88	110221	12 1.2
	01.86- 01.88	112448	14 100			
	01.84- 01.86	110492	14 108			
	01.87- 01.92	110499	14 100/105			
	01.84- 01.86	110471	14 94			
Century 3.8 Limited	01.78- 01.85	110505	14 75	01.84- 01.88	110221	12 1.2
	01.84- 01.86	110492	14 108			
	01.84- 01.86	110471	14 94			
	01.86- 01.88	112448	14 100			
	01.87- 01.88	110499	14 100/105			
	01.86- 01.86	110508	14 78			
Century 3.8 Special	01.75- 01.79	110505	14 75			
Century 3.8 Sport	01.78- 01.80	110505	14 75			
Century 3.8 T-Type	01.84- 01.85	110505	14 75	01.84- 01.85	110221	12 1.2
	01.84- 01.86	110492	14 108			
	01.84- 01.86	110471	14 94			
	01.83- 01.86	110508	14 78			
Century 3.8 Turbo	01.80-	110505	14 75			
Century 3.8 Turbo Custom	01.79-	110505	14 75			
Century 3.8 Turbo Limited	01.79- 01.80	110505	14 75			
Century 3.8 Turbo Special	01.79-	110505	14 75			
Century 3.8 Turbo Sport	01.79- 01.80	110505	14 75			
Century 4.3	01.80- 01.81	110505	14 75			
Century 4.3 Limited	01.80- 01.81	110505	14 75			
Century 4.3	01.84- 01.85	110233	14 63			
	01.84- 01.85	110471	14 94			
	01.84- 01.85	110505	14 75			
	01.84- 01.85	110492	14 108			
Century 4.3 Custom	01.82- 01.85	110233	14 63			
	01.82- 01.85	110235	14 80			
	01.84- 01.85	110492	14 108			
	01.82- 01.85	110505	14 75			
	01.83- 01.85	110508	14 78			
	01.84- 01.85	110471	14 94			

## STARTERS & ALTERNATORS



Century 4.3 Limited	01.82- 01.85	110233	14	63			
	01.82- 01.85	110235	14	80			
	01.84- 01.85	110492	14	108			
	01.82- 01.82	110505	14	75			
	01.84- 01.85	110508	14	78			
	01.84- 01.85	110471	14	94			
Century 4.4	01.81-	110505	14	75	01.81-	110414	12
	01.81-	110235	14	80			
Century 4.4 Limited	01.81-	110505	14	75	01.81-	110414	12
	01.81-	110235	14	80			
Century 4.9	01.80-	110505	14	75			
	01.80-	110235	14	80			
Century 4.9 Custom	01.79-	110505	14	75	01.79- 01.79	110414	12
Century 4.9 Limited	01.79- 01.80	110505	14	75	01.79- 01.80	110414	12
Century 4.9 Special	01.79-	110505	14	75			
Century 4.9 Sport	01.79- 01.80	110505	14	75			
Century 5.0	01.77-	110505	14	75	01.80- 01.80	110414	12
	01.80-	110235	14	80	01.77-	110216	12 1.4
	01.91- 01.93	112629	14	100/105			
Century 5.0 Custom	01.77- 01.79	110505	14	75	01.78- 01.79	110414	12
					01.77- 01.78	110216	12 1.4
Century 5.0 Limited	01.78- 01.80	110505	14	75	01.78- 01.80	110414	12
	01.91- 01.93	112629	14	100/105			
	01.78- 01.79	110505	14	75	01.78- 01.79	110414	12
Century 5.0 Special	01.91- 01.93	112629	14	100/105			
	01.78-	110505	14	75	01.78-	110414	12
	01.91- 01.93	112629	14	100/105			
Century 5.0 Sport	01.78-	110505	14	75	01.78-	110414	12
	01.91- 01.93	112629	14	100/105			
	01.73- 01.77	110505	14	75	01.77-	110216	12 1.4
Century 5.7	01.91- 01.93	112629	14	100/105			
	01.73- 01.77	110233	14	63			
	01.75- 01.79	110505	14	75	01.77- 01.79	110216	12 1.4
Century 5.7 Custom	01.91- 01.93	112629	14	100/105			
	01.75- 01.79	110233	14	63			
	01.73- 01.74	110233	14	63			
Century 5.7 Luxus	01.73- 01.74	110505	14	75			
	01.73- 01.74	110235	14	80			
Century 5.7 Special	01.79-	110505	14	75	01.79-	110216	12 1.4
	01.91- 01.93	112629	14	100/105			
	01.81-	110235	14	80			
Century 5.7 Limited	01.81-	110505	14	75			
	01.91- 01.93	112629	14	100/105			
	01.81-	110235	14	80			
Century 6.6 Custom	01.77-	110505	14	75	01.77-	110218	12
	01.73-	110233	14	63			
Century 7.5	01.73-	110505	14	75			
	01.73-	110233	14	63			
Century 7.5 Luxus	01.73-	110505	14	75			
	01.73-	110233	14	63			
Electra 3.0 300	01.85-	110492	14	108	01.85-	110221	12 1.2
	01.85-	110235	14	80			
	01.85-	110508	14	78			
Electra 3.8	01.86-	110235	14	80	01.86-	110221	12 1.2
	01.86-	110492	14	108			
	01.86-	110508	14	78			
Electra 3.8 300	01.85-	110492	14	108	01.85-	110221	12 1.2
	01.83- 01.87	110508	14	78			
Electra 3.8 Limited	01.88- 01.90	112636	14	100/105	01.87- 01.90	110221	12 1.2
	01.88- 01.90	111220	14	105			
	01.87- 01.90	110492	14	108			
	01.87- 01.87	110508	14	78			
Electra 3.8 Park Avenue	01.88- 01.90	112636	14	100/105	01.85- 01.90	110221	12 1.2
	01.88- 01.90	111220	14	105			
	01.85- 01.90	110492	14	108			
	01.85- 01.87	110508	14	78			
	01.86-	110235	14	80			
Electra 3.8 Park Avenue Ultra	01.90-	112636	14	100/105	01.90-	110221	12 1.2
	01.90-	111220	14	105			
	01.90-	110492	14	108			
Electra 3.8 T-Type	01.88- 01.90	112636	14	100/105	01.85- 01.90	110221	12 1.2
	01.88- 01.90	111220	14	105			
	01.85- 01.90	110492	14	108			
	01.85-	110508	14	78			
	01.86-	110235	14	80			
Electra 3.8 Ultra	01.89-	112636	14	100/105	01.89-	110221	12 1.2
	01.89-	111220	14	105			
	01.89-	110492	14	108			
Electra 4.1 Limited	01.80- 01.84	110235	14	80			
	01.80- 01.84	110505	14	75			
Electra 4.1 Park Avenue	01.80- 01.84	110505	14	75			
	01.80- 01.84	110235	14	80			
Electra 4.3 300	01.85-	110492	14	108			
	01.85-	110471	14	94			
	01.85-	110505	14	75			
	01.85-	110508	14	78			
Electra 4.3 Park Avenue	01.85-	110471	14	94			
	01.85-	110505	14	75			
	01.85-	110492	14	108			
	01.85-	110508	14	78			
Electra 4.9	01.80-	110505	14	75			
	01.80-	110235	14	80			
Electra 5.0	01.84- 01.89	110471	14	94			
	01.84- 01.89	110508	14	78			
	01.84- 01.89	110492	14	108			
	01.81- 01.83	110505	14	75			
	01.75- 01.83	110235	14	80			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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Electra 5.0 Limited	01.84-	110471	14	94		
	01.84-	110508	14	78		
	01.91- 01.93	112629	14	100/105		
	01.81- 01.83	110235	14	80		
	01.81- 01.83	110505	14	75		
Electra 5.0 Park Avenue	01.84-	110508	14	78		
	01.84-	110471	14	94		
	01.91- 01.93	112629	14	100/105		
	01.81- 01.83	110235	14	80		
	01.81- 01.83	110505	14	75		
Electra 5.7	01.80-	110505	14	75	01.80-	110218 12
	01.91- 01.93	112629	14	100/105		
	01.80-	110235	14	80		
Electra 5.7 225	01.76- 01.79	110233	14	63		
	01.76- 01.79	110505	14	75		
	01.91- 01.93	112629	14	100/105		
Electra 5.7 225 Limited	01.77-	110505	14	75		
	01.91- 01.93	112629	14	100/105		
	01.77-	110233	14	63		
Electra 5.7 Limited	01.78- 01.80	110233	14	63	01.78- 01.80	110218 12
	01.78- 01.80	110505	14	75		
Electra 5.7 Park Avenue	01.78- 01.80	110233	14	63	01.78- 01.80	110218 12
	01.78- 01.80	110505	14	75		
	01.91- 01.93	112629	14	100/105		
	01.81-	110235	14	80		
Electra 5.7	01.84- 01.85	110508	14	78		
	01.84- 01.85	110471	14	94		
	01.80- 01.83	110505	14	75		
	01.80- 01.83	110235	14	80		
Electra 5.7 Limited	01.80- 01.83	110235	14	80		
	01.80- 01.83	110505	14	75		
Electra 5.7 Park Avenue	01.80- 01.82	110505	14	75		
	01.83-	110471	14	94		
	01.80- 01.82	110235	14	80		
	01.91- 01.93	112629	14	100/105		
	01.83-	110508	14	78		
Electra 6.6	01.62- 01.66	110075	14	60		
Electra 6.6 225	01.77- 01.79	110505	14	75	01.77- 01.79	110218 12
Electra 6.6 225 Limited	01.77-	110505	14	75	01.77-	110218 12
Electra 6.6 Limited	01.78- 01.79	110505	14	75	01.78- 01.79	110218 12
Electra 6.6 Park Avenue	01.78- 01.79	110505	14	75	01.78- 01.79	110218 12
Electra 7.0	01.65- 01.67	110075	14	60		
Electra 7.0 225	01.68- 01.69	110075	14	60		
Electra 7.0 225 Custom	01.68- 01.69	110075	14	60		
Electra 7.5	01.73- 01.73	110505	14	75		
	01.73- 01.73	110233	14	63		
Electra 7.5 225	01.72- 01.74	110505	14	75		
	01.72- 01.74	110233	14	63		
	01.70- 01.71	110075	14	60		
Electra 7.5 225 Custom	01.72- 01.75	110505	14	75		
	01.72- 01.75	110233	14	63		
	01.70- 01.71	110075	14	60		
Electra 7.5 225 Limited	01.74- 01.75	110505	14	75		
	01.74- 01.75	110233	14	63		
Electra 7.5 Limited	01.76-	110505	14	75		
	01.76-	110233	14	63		
Estate Wagon 5.7	01.72- 01.79	110233	14	63		
	01.72- 01.79	110505	14	75		
	01.91- 01.93	112629	14	100/105		
	01.70-	110075	14	60		
Estate Wagon 6.6	01.77- 01.79	110505	14	75	01.77- 01.79	110218 12
Estate Wagon 7.5	01.72- 01.75	110233	14	63		
	01.72- 01.75	110505	14	75		
	01.70- 01.71	110075	14	60		
Gran Fury 5.6	01.67- 01.67	110075	14	60		
Gran Fury 6.6	01.65- 01.67	110075	14	60		
GS 5.7	01.72- 01.72	110233	14	63		
	01.72- 01.72	110505	14	75		
	01.70- 01.71	110075	14	60		
GS 350 5.7	01.68- 01.69	110075	14	60		
GS 400 6.6	01.68- 01.69	110075	14	60		
GS 455 7.5	01.70- 01.72	110075	14	60		
Invicta 6.6	01.62- 01.63	110075	14	60		
Lesabre 3.0 Custom	01.86- 01.86	110492	14	108	01.86-	110221 12 1.2
Lesabre 3.0 Limited					01.86-	110221 12 1.2
Lesabre 3.8	01.76- 01.81	110505	14	75	01.87- 01.91	110221 12 1.2
	01.80- 01.81	110235	14	80		
	01.88- 01.91	112636	14	100/105		
	01.88- 01.91	111220	14	105		
	01.87- 01.88	110492	14	108		
	01.87- 01.87	110508	14	78		
Lesabre 3.8 Custom	01.88- 01.95	112636	14	100/105	01.86- 01.95	110221 12 1.2
	01.88- 01.95	111220	14	105	01.96- 01.98	112898 12 1.6
	01.77- 01.85	110505	14	75		
	01.82- 01.85	110235	14	80		
	01.82- 01.87	110508	14	78		
	01.86- 01.88	110492	14	108		
Lesabre 3.8 Limited	01.88- 01.95	112636	14	100/105	01.86- 01.95	110221 12 1.2
	01.88- 01.95	111220	14	105	01.96- 01.98	112898 12 1.6
	01.79- 01.85	110505	14	75		
	01.80- 01.82	110235	14	80		
	01.85- 01.88	110492	14	108		
	01.83- 01.87	110508	14	78		
Lesabre 3.8 Turbo Sport	01.78- 01.80	110505	14	75		
	01.80- 01.80	110235	14	80		

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Lesabre 4.1	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Lesabre 4.1 Custom	01.82- 01.84	110505	14	75			
	01.82- 01.84	110235	14	80			
	01.83- 01.84	110508	14	78			
Lesabre 4.1 Limited	01.80- 01.84	110505	14	75			
	01.80- 01.84	110235	14	80			
	01.83- 01.84	110508	14	78			
Lesabre 4.4 Custom	01.82- 01.82	110235	14	80	01.82- 01.82	110414	12
	01.82- 01.82	110505	14	75			
Lesabre 4.4 Limited	01.82- 01.82	110235	14	80	01.82- 01.82	110414	12
	01.82- 01.82	110505	14	75			
Lesabre 4.9	01.65- 01.65	110075	14	60			
	01.77- 01.79	110505	14	75			
	01.80-	110235	14	80			
Lesabre 4.9 Custom	01.77- 01.78	110505	14	75			
Lesabre 4.9 Limited	01.79-	110505	14	75			
	01.80-	110235	14	80			
Lesabre 5.0	01.78- 01.83	110505	14	75	01.78-	110216	12 1.4
	01.91- 01.93	112629	14	100/105			
	01.81- 01.83	110235	14	80			
	01.83- 01.90	110508	14	78			
	01.85- 01.90	110471	14	94			
	01.85- 01.90	110492	14	108			
Lesabre 5.0 Custom	01.78- 01.83	110505	14	75	01.78-	110216	12 1.4
	01.91- 01.93	112629	14	100/105			
	01.82- 01.83	110235	14	80			
	01.83- 01.85	110508	14	78			
	01.84- 01.85	110471	14	94			
	01.85- 01.85	110492	14	108			
Lesabre 5.0 Limited	01.81- 01.83	110505	14	75			
	01.81- 01.83	110235	14	80			
	01.83- 01.85	110508	14	78			
	01.84- 01.85	110471	14	94			
	01.85- 01.85	110492	14	108			
Lesabre 5.6	01.66- 01.67	110075	14	60			
Lesabre 5.7	01.72- 01.80	110233	14	63	01.80-	110218	12
	01.72- 01.80	110505	14	75			
	01.68- 01.71	110075	14	60			
	01.80- 01.80	110235	14	80			
	01.91- 01.93	112629	14	100/105			
Lesabre 5.7 Custom	01.72- 01.77	110233	14	63			
	01.72- 01.78	110505	14	75			
	01.68- 01.71	110075	14	60			
	01.91- 01.93	112629	14	100/105			
Lesabre 5.7 Limited	01.79- 01.80	110233	14	63	01.79- 01.80	110218	12
	01.80- 01.80	110235	14	80			
	01.79- 01.80	110505	14	75			
Lesabre 5.7 Luxus	01.74-	110505	14	75			
	01.74-	110233	14	63			
	01.91- 01.93	112629	14	100/105			
Lesabre 5.7	01.80- 01.83	110505	14	75			
	01.80- 01.83	110235	14	80			
	01.83- 01.83	110508	14	78			
	01.85-	110471	14	94			
	01.85- 01.85	110492	14	108			
	01.91- 01.93	112629	14	100/105			
Lesabre 5.7 Custom	01.82- 01.83	110235	14	80			
	01.82- 01.83	110505	14	75			
	01.83- 01.85	110508	14	78			
	01.84- 01.85	110471	14	94			
	01.85- 01.85	110492	14	108			
Lesabre 5.7 Limited	01.80- 01.83	110505	14	75			
	01.80- 01.83	110235	14	80			
	01.83- 01.85	110508	14	78			
	01.84- 01.85	110471	14	94			
	01.85- 01.85	110492	14	108			
Lesabre 6.6	01.60- 01.64	110075	14	60	01.77- 01.78	110218	12
	01.77- 01.78	110505	14	75			
Lesabre 6.6 Custom	01.77- 01.78	110505	14	75	01.75- 01.78	110218	12
	01.75-	110075	14	60			
	01.75-	110233	14	63			
Lesabre 7.0	01.64- 01.64	110075	14	60			
Lesabre 7.5	01.72- 01.75	110505	14	75			
	01.72- 01.75	110233	14	63			
	01.70- 01.71	110075	14	60			
Lesabre 7.5 Custom	01.72- 01.75	110233	14	63			
	01.72- 01.75	110505	14	75			
	01.70- 01.71	110075	14	60			
Lesabre 7.5 Luxus	01.74-	110233	14	63			
	01.74-	110505	14	75			
Opel 1.8	01.77- 01.79	110248	14	40			
Opel 1.8 Deluxe	01.77-	110248	14	40			
Opel 1.8 Sport	01.78-	110248	14	40			
Park Avenue 3.8	01.91- 01.94	112636	14	100/105	01.96-	112898	12 1.6
	01.91- 01.94	111220	14	105	01.91- 01.94	110221	12 1.2
Park Avenue 3.8 Ultra	01.91-	112636	14	100/105	01.91-	110221	12 1.2
	01.91-	111220	14	105			
Park Avenue 3.8 Super					01.99- 01.00	112898	12 1.6
Park Avenue 3.8 Super Ultra	01.91- 01.91	112636	14	100/105	01.91- 01.03	112898	12 1.6
	01.91- 01.91	111220	14	105			
Raider 4.2					01.04- 01.04	112905	12 1.6
Raider 5.3	01.04- 01.04	112853	14	130	01.04- 01.04	112902	12 1.2
Reatta 3.8	01.80- 01.83	110235	14	80	01.91-	110221	12 1.2
	01.84- 01.86	110471	14	94			
	01.83- 01.85	110508	14	78			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**BUICK** *Continued*

Regal 2.8 Custom				01.88- 01.89	112911	12	1.6	
Regal 2.8 Limited				01.88- 01.89	112911	12	1.6	
Regal 3.1 Custom				01.89- 01.96	112911	12	1.6	
Regal 3.1 Limited				01.89- 01.93	112911	12	1.6	
Regal 3.2	01.78- 01.79	110505	14	75				
Regal 3.2 Limited	01.78- 01.79	110505	14	75				
Regal 3.8	01.75- 01.87	110505	14	75				
	01.81- 01.83	110235	14	80				
	01.83- 01.87	110508	14	78				
	01.84- 01.87	110471	14	94				
Regal 3.8 Custom	01.96-	112615	14	105	01.96-	112898	12	1.6
	01.90- 01.95	112636	14	100/105	01.90- 01.95	110221	12	1.2
	01.90- 01.95	111220	14	105				
Regal 3.8 Gran Sport	01.96-	112615	14	105	01.96-	112898	12	1.6
	01.92- 01.95	112636	14	100/105	01.92- 01.95	110221	12	1.2
	01.92- 01.95	111220	14	105				
Regal 3.8 Limited	01.96-	112615	14	105	01.96-	112898	12	1.6
	01.90- 01.95	112636	14	100/105	01.90- 01.95	110221	12	1.2
	01.90- 01.95	111220	14	105				
	01.78- 01.87	110505	14	75				
Regal 3.8 LS					01.97-	112898	12	1.6
Regal 3.8 Super					01.99- 01.00	112898	12	1.6
Regal 3.8 Super GS					01.97- 01.03	112898	12	1.6
Regal 3.8 Turbo Grand National	01.84- 01.85	110471	14	94				
	01.84- 01.85	110508	14	78				
Regal 3.8 Turbo Limited	01.87- 01.87	110235	14	80				
	01.87- 01.87	110508	14	78				
	01.87- 01.87	110471	14	94				
Regal 3.8 Turbo Sport	01.78- 01.82	110505	14	75				
Regal 3.8 Turbo T-Type	01.83- 01.85	110471	14	94				
	01.83-	110235	14	80				
	01.83- 01.83	110505	14	75				
	01.83- 01.83	110508	14	78				
Regal 4.1	01.82- 01.84	110235	14	80				
	01.82- 01.84	110505	14	75				
	01.83- 01.84	110508	14	78				
Regal 4.1 Limited	01.82- 01.84	110505	14	75				
	01.82- 01.84	110235	14	80				
	01.82- 01.83	110502	14	100/105				
	01.82- 01.84	110508	14	78				
	01.84- 01.84	110471	14	94				
Regal 4.3	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
Regal 4.3 Limited	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
Regal 4.3	01.82- 01.83	110235	14	80				
	01.82- 01.83	110505	14	75				
	01.84-	110471	14	94				
	01.84- 01.84	110508	14	78				
Regal 4.3 Limited	01.82- 01.84	110235	14	80				
	01.83- 01.84	110508	14	78				
	01.83- 01.83	110471	14	94				
Regal 4.4	01.81- 01.82	110505	14	75	01.82- 01.82	110414	12	
	01.81- 01.82	110235	14	80				
	01.82- 01.82	110502	14	100/105				
	01.82- 01.82	110508	14	78				
Regal 4.4 Limited	01.81- 01.82	110235	14	80	01.82- 01.82	110414	12	
	01.81- 01.82	110505	14	75				
	01.82- 01.82	110502	14	100/105				
	01.82- 01.82	110508	14	78				
Regal 4.9	01.79- 01.80	110505	14	75				
Regal 4.9 Limited	01.79- 01.80	110505	14	75				
Regal 5.0	01.77- 01.83	110505	14	75	01.77- 01.78	110216	12	1.4
	01.80- 01.83	110235	14	80	01.78- 01.83	110414	12	
	01.83- 01.87	110471	14	94				
	01.82- 01.83	110502	14	100/105				
	01.91- 01.93	112629	14	100/105				
	01.83- 01.87	110508	14	78				
Regal 5.0 Limited	01.78- 01.80	110505	14	75	01.78- 01.80	110414	12	
	01.83-	110235	14	80				
	01.83- 01.87	110471	14	94				
	01.83- 01.83	110502	14	100/105				
	01.91- 01.93	112629	14	100/105				
	01.83- 01.87	110508	14	78				
Regal 5.7	01.73- 01.76	110505	14	75	01.77-	110216	12	1.4
	01.91- 01.93	112629	14	100/105				
	01.73- 01.76	110233	14	63				
Regal 5.7	01.91- 01.93	112629	14	100/105				
	01.83- 01.87	110508	14	78				
	01.84- 01.87	110471	14	94				
	01.81- 01.83	110235	14	80				
	01.81- 01.83	110505	14	75				
Regal 5.7 Limited	01.81- 01.83	110235	14	80				
	01.81- 01.83	110505	14	75				
	01.83- 01.83	110508	14	78				
	01.83- 01.83	110471	14	94				
Regal 7.5	01.73- 01.74	110233	14	63				
	01.73- 01.74	110505	14	75				
Riviera 3.8	01.86- 01.86	110471	14	94	01.95- 01.97	112898	12	1.6
					01.88- 01.93	110221	12	1.2
Riviera 3.8 T-Type	01.86- 01.86	110471	14	94				
Riviera 3.8 Super					01.95- 01.99	112898	12	1.6
Riviera 3.8 Turbo	01.80-	110235	14	80				
	01.80-	110505	14	75				
	01.84- 01.85	110471	14	94				
Riviera 3.8 Turbo S	01.79- 01.80	110505	14	75				

## STARTERS & ALTERNATORS



Riviera 3.8 Turbo T-Type	01.84- 01.85	110471	14	94			
	01.81- 01.82	110235	14	80			
	01.83- 01.83	110508	14	78			
Riviera 4.1	01.81- 01.84	110235	14	80			
Riviera 4.1 T-Type	01.81-	110235	14	80			
Riviera 5.0	01.80- 01.85	110235	14	80			
	01.83- 01.85	110508	14	78			
Riviera 5.0 S	01.80-	110235	14	80			
	01.91- 01.93	112629	14	100/105			
Riviera 5.0 T-Type	01.81-	110235	14	80			
	01.91- 01.93	112629	14	100/105			
Riviera 5.7	01.77-	110233	14	63			
	01.77- 01.80	110505	14	75			
	01.91- 01.93	112629	14	100/105			
Riviera 5.7 S	01.79- 01.80	110505	14	75			
Riviera 5.7	01.83- 01.85	110508	14	78			
	01.81- 01.85	110235	14	80			
Riviera 6.6	01.63- 01.65	110075	14	60	01.77- 01.78	110218	12
	01.77- 01.78	110505	14	75			
Riviera 7.0	01.63- 01.69	110075	14	60			
Riviera 7.5	01.70- 01.74	110233	14	63			
	01.70- 01.74	110505	14	75			
Roadmaster 5.0	01.91-	112640	14	100/105			
	01.91- 01.92	110500	14	100/105			
	01.91- 01.93	112629	14	100/105			
Roadmaster 5.7	01.94- 01.96	112884	14	140	01.94- 12.95	112897	12 1.7
	01.92- 01.93	112640	14	100/105	01.92- 01.93	110216	12 1.4
	01.92- 01.93	110500	14	100/105			
	01.91- 01.93	112629	14	100/105			
Roadmaster 5.7 Limited	01.94- 01.96	112884	14	140	01.95-	112897	12 1.7
	01.91- 01.93	112629	14	100/105	01.92- 01.93	110216	12 1.4
	01.92- 01.93	112640	14	100/105			
	01.92- 01.93	110500	14	100/105			
Skyhawk 1.8 Custom	01.82- 01.86	110235	14	80			
	01.83- 01.86	110508	14	78			
	01.83- 01.86	110471	14	94			
	01.82- 01.82	110505	14	75			
Skyhawk 1.8 Limited	01.82- 01.86	110235	14	80			
	01.83- 01.86	110508	14	78			
	01.83- 01.86	110471	14	94			
	01.82- 01.82	110505	14	75			
Skyhawk 1.8 Sport	01.86-	110471	14	94			
	01.86-	110508	14	78			
Skyhawk 1.8 T-Type	01.83- 01.86	110508	14	78			
	01.83- 01.86	110471	14	94			
	01.83- 01.86	110235	14	80			
Skyhawk 1.8 Turbo Custom	01.84-	110471	14	94			
	01.84-	110508	14	78			
Skyhawk 1.8 Turbo T-Type	01.84- 01.86	110508	14	78			
	01.84- 01.86	110471	14	94			
Skyhawk 2.0	01.88- 01.89	110724	14	60	01.89- 12.89	112911	12 1.6
	01.88- 01.89	110503	14	100/105			
Skyhawk 2.0 Custom	01.87- 01.87	110503	14	100/105	01.84- 12.84	112911	12 1.6
	01.83- 01.86	110505	14	75			
	01.83- 01.86	110492	14	108			
Skyhawk 2.0 Limited	01.87- 01.87	110503	14	100/105	01.84- 12.84	112911	12 1.6
	01.83- 01.86	110505	14	75			
	01.83- 01.86	110492	14	108			
Skyhawk 2.0 Sport	01.87- 01.87	110503	14	100/105			
	01.86- 01.86	110508	14	78			
Skyhawk 2.0 Turbo Custom	01.87- 01.87	110503	14	100/105			
Skyhawk 2.0 Turbo Limited	01.87- 01.87	110503	14	100/105			
Skyhawk 2.0 Turbo Sport	01.87- 01.87	110503	14	100/105			
Skyhawk 3.8	01.75- 01.80	110505	14	75			
Skyhawk 3.8 S	01.76- 01.80	110505	14	75			
Skylark 2.3	01.91-	112448	14	100			
	01.91- 01.92	110499	14	100/105			
Skylark 2.3 Custom	01.88- 01.95	112448	14	100			
	01.88- 01.95	110499	14	100/105			
Skylark 2.3 Gran Sport	01.90- 01.95	112448	14	100			
	01.90- 01.95	110499	14	100/105			
Skylark 2.3 Limited	01.88- 01.95	112448	14	100			
	01.88- 01.95	110499	14	100/105			
Skylark 2.3 Luxury Edition	01.90- 01.91	112448	14	100			
	01.90- 01.91	110499	14	100/105			
Skylark 2.5	01.90- 01.91	110984	14	100/105	01.80- 01.82	110221	12 1.2
	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
	01.80- 01.82	110502	14	100/105			
	01.82- 01.82	110508	14	78			
Skylark 2.5 Custom	01.85- 01.87	110492	14	108	01.83- 01.85	110221	12 1.2
	01.88- 01.91	110984	14	100/105			
	01.83- 01.85	110505	14	75			
	01.83- 01.85	110235	14	80			
	01.83- 01.85	110471	14	94			
	01.83- 01.85	110502	14	100/105			
01.83- 01.85	110508	14	78				
Skylark 2.5 Gran Sport	01.90- 01.91	110984	14	100/105			
Skylark 2.5 Limited	01.86- 01.87	110492	14	108	01.80- 01.85	110221	12 1.2
	01.88- 01.89	110984	14	100/105			
	01.80- 01.85	110235	14	80			
	01.80- 01.85	110502	14	100/105			
	01.80- 01.85	110505	14	75			
	01.82- 01.85	110508	14	78			
	01.83- 01.83	110471	14	94			
	AC 01.82- 01.85	110471	14	94			

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O.E.M. names and numbers are used for reference purposes only.





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**BUICK** *Continued*

Skylark 2.5 Luxury Edition	01.90- 01.91	110984	14	100/105				
Skylark 2.5 Sport	01.80- 01.81	110505	14	75	01.80- 01.82	110221	12	1.2
	01.80- 01.81	110235	14	80				
	01.80- 01.82	110502	14	100/105				
	01.82- 01.82	110508	14	78				
Skylark 2.8	01.80- 01.82	110505	14	75	01.80- 01.82	110221	12	1.2
	01.80- 01.82	110235	14	80				
Skylark 2.8 Custom	01.83- 01.85	110471	14	94	01.83- 01.85	112911	12	1.6
	01.83- 01.85	110508	14	78	01.83- 01.85	110221	12	1.2
	01.83- 01.85	110235	14	80				
	01.83- 01.85	110505	14	75				
Skylark 2.8 Limited	01.85- 01.85	110471	14	94	01.85- 01.85	112911	12	1.6
	01.85- 01.85	110508	14	78	01.80- 01.85	110221	12	1.2
	01.80- 01.85	110505	14	75				
	01.80- 01.85	110235	14	80				
	AC 01.83- 01.84	110508	14	78				
	AC 01.82- 01.85	110471	14	94				
Skylark 2.8 Sport	01.80- 01.82	110505	14	75	01.80- 01.82	110221	12	1.2
	01.80- 01.82	110235	14	80				
Skylark 2.8 T-Type	01.83- 01.84	110508	14	78	01.83- 01.84	112911	12	1.6
	01.83- 01.84	110471	14	94	01.83- 01.84	110221	12	1.2
	01.83- 01.84	110505	14	75				
	01.83- 01.84	110235	14	80				
Skylark 3.0 Custom	01.86- 01.88	110502	14	100/105	01.86- 01.88	110221	12	1.2
Skylark 3.0 Limited	01.86- 01.88	110502	14	100/105	01.86- 01.88	110221	12	1.2
Skylark 3.1					01.98- 01.98	112911	12	1.6
Skylark 3.1 Custom					01.94- 01.97	112911	12	1.6
Skylark 3.1 Gran Sport					01.94- 01.97	112911	12	1.6
Skylark 3.1 Limited					01.94- 01.97	112911	12	1.6
Skylark 3.2	01.62- 01.63	110075	14	60				
Skylark 3.3	01.91- 01.91	110724	14	60	01.91- 01.92	110221	12	1.2
Skylark 3.3 Custom	01.89- 01.89	110724	14	60	01.89- 01.93	110221	12	1.2
Skylark 3.3 Gran Sport					01.90- 01.93	110221	12	1.2
Skylark 3.3 Limited	01.89- 01.91	110724	14	60	01.89- 01.93	110221	12	1.2
Skylark 3.3 Luxury Edition	01.90- 01.91	110724	14	60	01.90- 01.91	110221	12	1.2
Skylark 3.5	01.61- 01.63	110075	14	60				
Skylark 3.7	01.64- 01.67	110075	14	60				
Skylark 3.8	01.75- 01.79	110505	14	75				
	01.78- 01.79	110502	14	100/105				
	01.78- 01.79	110508	14	78				
Skylark 3.8 Custom	01.78- 01.79	110505	14	75				
	01.78- 01.79	110502	14	100/105				
	01.78- 01.79	110508	14	78				
Skylark 3.8 S	01.75- 01.79	110505	14	75				
	01.78- 01.79	110502	14	100/105				
	01.78- 01.79	110508	14	78				
Skylark 3.8 SR	01.75- 01.77	110505	14	75				
	01.75- 01.77	110502	14	100/105				
	01.75- 01.77	110508	14	78				
Skylark 4.1	01.66- 01.71	110075	14	60				
Skylark 4.3	01.75- 01.76	110505	14	75				
	01.75- 01.76	110502	14	100/105				
	01.75- 01.76	110508	14	78				
Skylark 4.3 S	01.76- 01.76	110505	14	75				
	01.76- 01.76	110502	14	100/105				
	01.76- 01.76	110508	14	78				
Skylark 4.3 SR	01.75- 01.76	110505	14	75				
	01.75- 01.76	110502	14	100/105				
	01.75- 01.76	110508	14	78				
Skylark 4.9	01.64- 01.67	110075	14	60				
	01.77- 01.77	110505	14	75				
	01.77- 01.77	110508	14	78				
Skylark 4.9 S	01.77- 01.77	110505	14	75				
Skylark 4.9 SR	01.77- 01.77	110505	14	75				
	01.77- 01.77	110508	14	78				
Skylark 5.0	01.77- 01.78	110505	14	75	01.77- 01.78	110216	12	1.4
	01.77- 01.79	110502	14	100/105				
	01.91- 01.93	112629	14	100/105				
	01.77- 01.79	110508	14	78				
Skylark 5.0 Custom	01.78- 01.79	110505	14	75	01.78- 01.79	110216	12	1.4
	01.78- 01.79	110502	14	100/105				
	01.91- 01.93	112629	14	100/105				
	01.78- 01.79	110508	14	78				
Skylark 5.0 S	01.77- 01.86	110505	14	75	01.77- 01.86	110216	12	1.4
	01.77- 01.80	110502	14	100/105				
	01.91- 01.93	112629	14	100/105				
	01.77- 01.80	110508	14	78				
Skylark 5.0 SR	01.77- 01.77	110505	14	75	01.77- 01.77	110216	12	1.4
	01.77- 01.77	110502	14	100/105				
	01.91- 01.93	112629	14	100/105				
	01.77- 01.77	110508	14	78				
Skylark 5.6	01.66- 01.67	110075	14	60				
Skylark 5.7	01.72- 01.79	110505	14	75	01.77- 01.79	110216	12	1.4
	01.77- 01.79	110502	14	100/105	01.77- 01.79	111258	12	
	01.91- 01.93	112629	14	100/105				
	01.72- 01.85	110508	14	78				
	01.72- 01.76	110233	14	63				
	01.68- 01.71	110075	14	60				
Skylark 5.7 Custom	01.72- 01.79	110505	14	75	01.78- 01.79	111258	12	
	01.78- 01.79	110502	14	100/105	01.78- 01.79	110216	12	1.4
	01.78- 01.79	110508	14	78				
	01.72- 01.72	110233	14	63				
	01.91- 01.93	112629	14	100/105				
	01.68- 01.71	110075	14	60				

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Skylark 5.7 S	01.76- 01.76	110505	14	75			
	01.77- 01.77	110502	14	100/105			
	01.91- 01.93	112629	14	100/105			
	01.76-	110233	14	63			
	01.76- 01.76	110508	14	78			
Skylark 5.7 SR	01.75- 01.76	110505	14	75	01.77-	110216	12 1.4
	01.77- 01.77	110502	14	100/105	01.77-	111258	12
	01.91- 01.93	112629	14	100/105			
	01.75- 01.77	110508	14	78			
	01.75- 01.76	110233	14	63			
Skylark 6.6	01.65- 01.67	110075	14	60			
Skylark 6.6 Custom	01.68-	110075	14	60			
Skylark 7.5	01.72-	110233	14	63			
	01.72-	110505	14	75			
Skylark 7.5 Custom	01.72-	110233	14	63			
	01.72- 01.72	110505	14	75			
	01.70-	110075	14	60			
Somerset 2.5	01.86- 01.87	110502	14	100/105			
Somerset 2.5 Limited	01.86- 01.87	110502	14	100/105			
Somerset 2.5 Regal	01.85-	110471	14	94			
	01.85- 01.85	110505	14	75			
	01.85- 01.85	110508	14	78			
Somerset 2.5 Regal Limited	01.85-	110471	14	94			
	01.85- 01.85	110505	14	75			
	01.85- 01.85	110508	14	78			
Somerset 2.5 T-Type	01.86- 01.86	110502	14	100/105			
Somerset 3.0	01.86- 01.87	110502	14	100/105	01.86- 01.87	110221	12 1.2
	01.86- 01.86	110505	14	75			
Somerset 3.0 Limited	01.89- 01.91	110724	14	60	01.86-	110221	12 1.2
	01.86-	110502	14	100/105			
	01.86- 01.86	110505	14	75			
Somerset 3.0 Regal	01.85-	110471	14	94	01.85-	110221	12 1.2
	01.85-	110492	14	108			
	01.85- 01.85	110502	14	100/105			
	01.85- 01.85	110505	14	75			
Somerset 3.0 Regal Limited	01.85-	110471	14	94	01.85-	110221	12 1.2
	01.85-	110492	14	108			
	01.85- 01.85	110505	14	75			
	01.85- 01.85	110508	14	78			
Somerset 3.0 T-Type	01.86-	110502	14	100/105	01.86-	110221	12 1.2
Special 3.2	01.63- 01.63	110075	14	60			
Special 3.5	01.62- 01.63	110075	14	60			
Special 3.7	01.64- 01.67	110075	14	60			
Special 4.1	01.68- 01.69	110075	14	60			
Special 4.9	01.64- 01.67	110075	14	60			
Special 5.7	01.68- 01.69	110075	14	60			
Sportwagon 3.7	01.64- 01.65	110075	14	60			
Sportwagon 4.9	01.64- 01.65	110075	14	60			
Sportwagon 5.6	01.67- 01.67	110075	14	60			
Sportwagon 5.7	01.72-	110233	14	63			
	01.72-	110505	14	75			
	01.91- 01.93	112629	14	100/105			
	01.68- 01.71	110075	14	60			
Sportwagon 6.6	01.68- 01.68	110075	14	60			
Sportwagon 7.5	01.70-	110075	14	60			
Wildcat 6.6	01.63- 01.66	110075	14	60			
Wildcat 7.0	01.64- 01.69	110075	14	60			
Wildcat 7.0 Custom	01.68- 01.69	110075	14	60			
Wildcat 7.5 Custom	01.70-	110075	14	60			
<b>PASSENGER CARS AO</b>							
Roadmaster 5.0	[LG2]				01.89- 12.95	112897	12 1.7
<b>BUKH</b>							
<b>MARINE</b>							
2G105		111397	14	45			
3G105		111397	14	45			
4K105		111397	14	45			
6K105		111397	14	45			
DV10		111397	14	45			
DV10ME		111397	14	45			
DV10SME		111397	14	45			
DV20		111397	14	45			
DV20ME		111397	14	45			
DV20SME		111397	14	45			
DV36		111397	14	45			
DV36ME		111397	14	45			
DV36SME		111397	14	45			
DV48ME		111397	14	45			
Various models		111397	14	45		113307	12 1.2
		113631	14	90		111398	12 1.2
<b>Cadillac</b>							
<b>PASSENGER CARS EU</b>							
BLS 1.9 Diesel	[Z19DTH]	04.06-	114284	14 130	04.06-	113931	12 1.7
BLS 2.8 Turbo	[Z28NET]				12.07-	115745	12 2.2
BLS 2.8 Turbo AWD	[Z28NET]				10.08-	115745	12 2.2
Commercial 5.7						112897	12 1.7
Escalade 5.8	[L05]				10.98-	112240	12 1.7
					10.98-	112912	12 1.6
<b>PASSENGER CARS US</b>							
Calais 7.0		01.65- 01.67	110075	14 60			
Calais 7.7		01.72- 01.74	110233	14 63			
		01.72- 01.74	110505	14 75			
		01.68- 01.71	110075	14 60			
Calais 8.2		01.75- 01.76	110233	14 63			
		01.75- 01.76	110505	14 75			
Cimarron 2.0					01.83- 01.86	112911	12 1.6
Cimarron 2.8		01.85- 01.88	110471	14 94	01.85- 01.88	112911	12 1.6

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

**CADILLAC** *Continued*

Commercial Chassis 6.0	01.80-	110233	14	63			
	01.80-	110235	14	80			
	01.80-	110499	14	100/105			
Commercial Chassis 7.0	01.77-	110233	14	63			
	01.77-	110937	14	200			
Commercial Chassis 8.2	01.75-	110233	14	63			
	01.75-	110937	14	200			
Concours 4.6	01.94- 01.97	112886	14	140	01.96- 01.99	112904	12 1.7
Deville 4.1	01.80- 01.84	112448	14	100			
	01.80- 01.84	110499	14	100/105			
	01.80- 01.83	110235	14	80			
	01.80- 01.81	110233	14	63			
	01.80- 01.81	110505	14	75			
Deville 4.3	01.85-	110471	14	94			
	01.85-	110505	14	75			
Deville 4.5	01.88- 01.89	112880	14	120			
Deville 4.6	01.94- 01.97	112886	14	140	01.96- 01.02	112904	12 1.7
Deville 4.6 D'Elegance					01.97-	112904	12 1.7
Deville 4.6 DHS					01.01- 01.02	112904	12 1.7
Deville 4.6 DTS					01.01- 01.03	112904	12 1.7
Deville 5.4	01.53- 01.55	110505	14	75			
Deville 6.0	01.56- 01.58	110505	14	75			
	01.80-	112448	14	100			
	01.80-	110499	14	100/105			
	01.80-	110233	14	63			
	01.80-	110235	14	80			
Deville 6.4	01.59- 01.60	110505	14	75			
	01.61- 01.63	110075	14	60			
Deville 7.0	01.64- 01.67	110075	14	60			
	01.77- 01.79	110233	14	63			
	01.77- 01.79	110505	14	75			
Deville 7.7	01.68- 01.71	110075	14	60			
	01.72- 01.74	110233	14	63			
	01.72- 01.74	110505	14	75			
Deville 8.2	01.74- 01.76	110233	14	63			
	01.74- 01.76	110505	14	75			
Eldorado 4.1	01.86-	112880	14	120			
	01.82- 01.85	112448	14	100			
	01.82- 01.85	110499	14	100/105			
	01.82- 01.85	110508	14	78			
	01.81- 01.82	110235	14	80			
Eldorado 4.1 Biarritz	01.84- 01.85	112448	14	100			
	01.84- 01.85	110499	14	100/105			
	01.84- 01.85	110508	14	78			
Eldorado 4.5	01.88- 01.89	112880	14	120			
Eldorado 4.6	01.93- 01.97	112886	14	140	01.99-	112904	12 1.7
Eldorado 4.6 ELC					01.98- 01.98	112904	12 1.7
Eldorado 4.6 ESC					01.01- 01.02	112904	12 1.7
Eldorado 4.6 ETC					01.98- 01.02	112904	12 1.7
Eldorado 4.6 Sport	01.93-	112886	14	140			
Eldorado 5.4	01.53- 01.55	110505	14	75			
Eldorado 5.7	01.80-	112448	14	100	01.80-	110218	12
	01.80-	110499	14	100/105			
	01.91- 01.92	112629	14	100/105			
Eldorado 6.0	01.56- 01.58	110505	14	75			
Eldorado 6.4	01.59- 01.60	110505	14	75			
	01.61- 01.63	110075	14	60			
	01.64- 01.67	110075	14	60	01.77- 01.78	110216	12 1.4
Eldorado 7.0	01.77- 01.78	110233	14	63			
	01.77- 01.78	110505	14	75			
	01.68- 01.69	110075	14	60	01.68- 01.69	110216	12 1.4
Eldorado 7.7	01.72- 01.76	110233	14	63	01.70- 01.76	110216	12 1.4
	01.72- 01.76	110505	14	75			
	01.70- 01.71	110075	14	60			
Escalade 5.3					01.02-	112902	12 1.2
Escalade 5.7	01.99- 01.00	112893	14	140	01.99- 01.00	112240	12 1.7
					01.99- 01.00	112912	12 1.6
	01.02- 01.04	112853	14	130	01.02- 01.02	112906	12 1.7
Escalade 6.0	01.02- 01.02	112850	14	105			
Escalade 6.0 ESV	01.03- 01.04	112853	14	130			
Escalade 6.0 EXT	01.02- 01.04	112853	14	130	01.02- 01.02	112906	12 1.7
	01.02- 01.02	112850	14	105			
Fleetwood 4.1	01.86-	112880	14	120			
	01.85-	110499	14	100/105			
Fleetwood 4.1 60 Special	01.87-	112880	14	120			
Fleetwood 4.1 75	01.86-	112880	14	120			
Fleetwood 4.1 Brougham	01.80- 01.85	112448	14	100			
	01.80- 01.81	110233	14	63			
	01.80- 01.83	110235	14	80			
	01.80- 01.85	110499	14	100/105			
	01.80- 01.81	110505	14	75			
Fleetwood 4.1 D'Elegance	01.87-	112880	14	120			
Fleetwood 4.3	01.85-	110471	14	94			
	01.85-	110505	14	75			
Fleetwood 4.5	01.88-	112880	14	120			
Fleetwood 4.5 60 Special	01.88- 01.89	112880	14	120			
Fleetwood 4.5 D'Elegance	01.88-	112880	14	120			
Fleetwood 5.0 Brougham	01.91- 01.92	112640	14	100/105			
	01.91- 01.92	112629	14	100/105			
	01.86- 01.90	110471	14	94			
Fleetwood 5.7	01.93- 01.96	112884	14	140			
Fleetwood 5.7 Brougham	01.93- 01.96	112884	14	140	01.90- 01.92	110216	12 1.4
	01.91- 01.92	112629	14	100/105			

## STARTERS & ALTERNATORS





Fleetwood 6.0	01.80- 01.84	112448	14	100			
	01.80-	110235	14	80			
	01.80- 01.84	110499	14	100/105			
	01.80-	110233	14	63			
	01.80-	110505	14	75			
Fleetwood 6.0 Brougham	01.80-	110499	14	100/105			
	01.80-	110235	14	80			
	01.80-	110505	14	75			
	01.80-	112448	14	100			
	01.80-	110233	14	63			
Fleetwood 6.0 Formal	01.80- 01.84	112448	14	100			
	01.80- 01.84	110499	14	100/105			
	01.80-	110233	14	63			
	01.80-	110235	14	80			
	01.80-	110505	14	75			
Fleetwood 7.0	01.77- 01.79	110233	14	63			
	01.77- 01.79	110505	14	75			
	01.65- 01.67	110075	14	60			
Fleetwood 7.0 Brougham	01.77- 01.79	110937	14	200			
	01.77- 01.79	110233	14	63			
	01.77- 01.79	110505	14	75			
Fleetwood 7.0 Formal	01.77- 01.79	110233	14	63			
	01.77- 01.79	110505	14	75			
	01.77-	110937	14	200			
Fleetwood 7.7	01.72- 01.74	110233	14	63			
	01.68- 01.74	110937	14	200			
	01.72- 01.74	110505	14	75			
	01.68- 01.71	110075	14	60			
Fleetwood 7.7 60 Special	01.72- 01.74	110233	14	63			
	01.68- 01.74	110937	14	200			
	01.72- 01.74	110505	14	75			
	01.68- 01.71	110075	14	60			
Fleetwood 7.7 75	01.72- 01.74	110233	14	63			
	01.68- 01.74	110937	14	200			
	01.72- 01.74	110505	14	75			
	01.68- 01.71	110075	14	60			
Fleetwood 7.7 Brougham	01.68- 01.70	110075	14	60			
	01.68- 01.70	110937	14	200			
Fleetwood 8.2	01.76- 01.76	110233	14	63			
	01.76- 01.76	110937	14	200			
	01.76- 01.76	110505	14	75			
Fleetwood 8.2 60 Special	01.75- 01.76	110937	14	200			
	01.75- 01.76	110233	14	63			
	01.75- 01.76	110505	14	75			
Fleetwood 8.2 75	01.75- 01.76	110233	14	63			
	01.75- 01.76	110937	14	200			
	01.75- 01.76	110505	14	75			
Series 60 5.4 Fleetwood	01.53- 01.55	110505	14	75			
Series 60 6.0 Fleetwood	01.56- 01.58	110505	14	75			
Series 60 6.4 Fleetwood	01.59- 01.60	110505	14	75			
	01.61- 01.63	110075	14	60			
Series 60 7.0 Fleetwood	01.64- 01.64	110075	14	60			
Series 62 4.1	01.55- 01.55	110505	14	75			
Series 62 5.4	01.53- 01.55	110505	14	75			
Series 62 6.0	01.56- 01.58	110505	14	75			
Series 62 6.4	01.59- 01.60	110505	14	75			
	01.61- 01.63	110075	14	60			
Series 62 7.0	01.64- 01.64	110075	14	60			
Series 70 6.0 Fleetwood Eldorado	01.58- 01.58	110505	14	75			
Series 75 5.4 Fleetwood	01.53- 01.55	110505	14	75			
Series 75 6.0 Fleetwood	01.56- 01.58	110505	14	75			
Series 75 6.4 Fleetwood	01.59- 01.60	110505	14	75			
	01.61- 01.63	110075	14	60			
Series 75 7.0 Fleetwood	01.64- 01.64	110075	14	60			
Seville 4.1	01.82- 01.85	112448	14	100			
	01.82- 01.85	110499	14	100/105			
	01.81- 01.83	110235	14	80			
	01.86-	112880	14	120			
Seville 4.5	01.88- 01.89	112880	14	120			
Seville 4.6					01.99- 01.00	112904	12 1.7
Seville 4.6 SLS	01.94- 01.97	112886	14	140	01.98- 01.02	112904	12 1.7
Seville 4.6 STS	01.93- 01.97	112886	14	140	01.98- 01.02	112904	12 1.7
Seville 5.7	01.80-	112448	14	100	01.78- 01.79	110218	12
	01.80-	110499	14	100/105			
	01.91- 01.93	112629	14	100/105			
Seville 5.7	01.78- 01.85	110233	14	63			
	01.78- 01.85	110505	14	75			
<b>Carbodies</b>							
<b>PASSENGER CARS EU</b>							
FI 2 2.5 Diesel	[25V]				01.85- 12.89	110464	12 2.1
FX4 2.5 Diesel	[25V]				09.85- 12.89	110464	12 2.1
<b>Carrier Transicold</b>							
<b>INDUSTRY</b>							
Genesis TM1000						114333	12 2.2
Genesis TM800		114084	14	70			
Supra		114084	14	70			
<b>MOTORS</b>							
500	[CT4-114]	110371	14	50		110940	12 1.4
						110938	12 1.4
PLUS	[CT4-114]	110371	14	50		110938	12 1.4
Various models		110371	14	50		111299	12 1.4
						113635	12 1.2
						110604	12 2.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

Case							
AGRICULTURE							
100 B						10.72- 12.79	111752 12 2.7
110	[Cummins 6BT]	05.97-	111843	14 95			
		05.97-	111888	14 65			
120	[Cummins 6BT]	05.97-	111843	14 95			
		05.97-	111888	14 65			
125 B						10.72- 12.79	111752 12 2.7
135	[Cummins 6BT]	05.97-	111843	14 95			
		05.97-	111888	14 65			
170 6.7		01.10-	115682	14 200			
185 6.7		01.10-	115682	14 200			
200 6.7		01.10-	115682	14 200			
215 6.7		01.10-	115682	14 200			
221						10.72- 12.79	111752 12 2.7
250						01.57- 01.61	110438 12 2.1
275						01.59- 01.68	110438 12 2.1
276						01.69- 01.72	110438 12 2.1
305	[Cummins MU7]	01.06-	114469	14 175			
321		01.86-	110077	14 50		11.72- 06.86	111752 12 2.7
		10.76-	110641	14 33			
384		01.67- 01.82	110178	14 36			
414						01.61- 01.66	110438 12 2.1
421		01.86-	110641	14 33		10.76-	111752 12 2.7
						10.76-	113269 12 3.0
431		01.86-	110077	14 50		11.72- 12.85	111752 12 2.7
		01.72-	110641	14 33			
433						01.86-	112135 12 3.1
434		02.77- 12.85	111662	14 33			
						01.69-	116010*
						01.69- 01.73	110438 12 2.1
444						01.72- 01.78	110438 12 2.1
450 C		01.89- 01.94	111888	14 65		01.87- 01.94	110627 12 2.5
		01.89- 01.94	111843	14 95			
454		01.72-	111185	14 43 A47		01.72-	112660 12 2.8
		01.72-	110178	14 36			
455		01.89- 01.94	111888	14 65			
		01.89- 01.94	112170	28 45			
		01.89- 01.94	111843	14 95			
474			111185	14 43 A47			112660 12 2.8
		01.72-	110178	14 36			
475		01.82-	111185	14 43 A47			
480 CK		01.89- 01.94	111888	14 65		01.79- 01.88	110627 12 2.5
		01.89- 01.94	111843	14 95			
484		01.82-	111185	14 43 A47			
485		01.82-	111185	14 43 A47			
		01.85- 01.90	111713	14 105			
485		01.89-	111185	14 43 A47		01.89- 01.93	112660 12 2.8
		01.89- 01.93	110508	14 78			
500		01.75- 01.78	110178	14 36			
531		01.86-	110077	14 50		01.86- 06.86	111752 12 2.7
		10.76- 06.86	110641	14 33			
533						01.86-	112135 12 3.1
		02.77- 12.85	111662	14 33			
540		01.88-	111662	14 33			
554		01.86-	110077	14 50		04.73-	111752 12 2.7
		01.86-	110641	14 33			
574		01.72-	111185	14 43 A47		01.72-	112660 12 2.8
		01.72-	110178	14 36		01.72-	111752 12 2.7
580		01.82- 01.94	111843	14 95		01.82-	110818 12 2.1
		01.89- 01.94	111888	14 65		01.84- 01.92	113725 12 2.5
						01.79- 01.87	110627 12 2.5
580 C,D	[188D,207D]	01.83- 01.88	110952	28 40		01.83- 01.88	112660 12 2.8
						01.83- 01.88	110818 12 2.1
584		01.82-	111185	14 43 A47		01.82-	112660 12 2.8
		01.77- 01.80	110178	14 36			
585		01.82-	111185	14 43 A47		01.82-	112660 12 2.8
590 CK						01.92-	113725 12 2.5
590 L						01.92-	113725 12 2.5
644		01.86-	110077	14 50		01.86- 06.86	111752 12 2.7
		02.79-	110641	14 33			
674		01.72-	111185	14 43 A47		01.72-	112660 12 2.8
		01.72-	110178	14 36			
680		01.83- 01.88	110952	28 40		01.83- 01.88	113429 12 4.2
684		01.82-	111185	14 43 A47		01.82-	112660 12 2.8
		01.77- 01.80	110178	14 36			
685		01.82-	111185	14 43 A47		01.82-	112660 12 2.8
685 L			111185	14 43 A47			
724						04.73- 02.75	111752 12 2.7
743						04.80- 12.85	111752 12 2.7
743 XL						07.81- 12.85	111752 12 2.7
743 XLA						07.81- 12.85	111752 12 2.7
744		02.74- 06.84	110641	14 33		02.74- 06.84	111752 12 2.7
745 S						04.80- 12.85	111752 12 2.7
745 X						07.81- 12.85	111752 12 2.7
745 XLS						07.81- 12.85	111752 12 2.7
780		01.83- 01.88	110952	28 40			
784		01.82-	111185	14 43 A47		01.82-	112660 12 2.8
785		01.82-	111185	14 43 A47		01.82-	112660 12 2.8
824						06.73- 02.74	111752 12 2.7
833						09.81-	112135 12 3.1
		09.81-	111662	14 33			
833 A						09.81-	112135 12 3.1
		09.81-	111662	14 33			
834						06.73- 02.74	111752 12 2.7

## STARTERS & ALTERNATORS



844		01.86- 12.90	110077	14	50		01.86- 12.90	111752	12	2.7
		01.86- 12.90	110641	14	33					
850 G/D/E		01.89- 01.94	111843	14	95		01.89- 01.94	116072*	24	5.5
		01.72- 01.78	110427	28	22	PL	01.89- 01.94	110818	12	2.1
		01.89- 01.94	111888	14	65					
		01.89- 01.94	112170	28	45					
880							01.86-	112169	24	4.5
884								112660	12	2.8
885		01.72-	111185	14	43	A47	01.72- 01.83	112660	12	2.8
		01.72- 01.83	110178	14	36					
		01.89- 01.94	111888	14	65					
895								112660	12	2.8
946		01.71- 01.77	110641	14	33		04.73- 08.79	111752	12	2.7
956 XL		01.85-	112098	14	65		01.85-	111752	12	2.7
988		11.96-	112170	28	45					
990		01.75-	110178	14	36		01.69-	110818	12	2.1
			111185	14	43	A47				
			111185	14	43	A47		112660	12	2.8
995							01.72-	110818	12	2.1
996		01.75-	110178	14	36		01.76-	110818	12	2.1
			111185	14	43	A47				
1000		01.71- 01.75	110641	14	33					
1046							04.73- 08.79	111752	12	2.7
1056		01.86-	112098	14	65					
1150		01.89- 01.94	111843	14	95					
		01.89- 01.94	111888	14	65					
		01.89- 01.94	112170	28	45					
		01.73- 01.78	110427	28	22	PL				
1150 E/G		01.89- 01.94	111843	14	95		01.89- 01.94	116072*	24	5.5
		01.89- 01.94	111888	14	65					
		01.89- 01.94	112170	28	45					
1155 E		01.89- 01.94	111843	14	95					
		01.89- 01.94	111888	14	65					
1190		01.83-	111185	14	43	A47				
1194			111185	14	43	A47				
1200							01.69- 01.71	110818	12	2.1
1210		01.75-	110178	14	36		01.72- 01.81	110818	12	2.1
1212		01.72- 01.75	110178	14	36		01.72- 01.81	110818	12	2.1
1290			111185	14	43	A47	01.80- 01.83	110818	12	2.1
		01.80- 01.82	110179	14	36					
1294 3.6							01.84- 06.89	110818	12	2.1
1390		01.79- 01.85	110179	14	36		01.80- 01.83	110818	12	2.1
			111185	14	43	A47				
1394		01.84-	110968	14	70			115391	12	4.0
			111185	14	43	A47	01.84-	110818	12	2.1
		01.80- 01.88	111204	14	70					
		01.84-	113574	14	65					
1410		01.75- 01.81	110178	14	36					
1412		01.75- 01.81	110178	14	36					
1450		01.79- 01.86	110952	28	40	PL				
		01.72- 01.78	110427	28	22	PL				
1490		01.84-	111185	14	43	A47	01.80- 01.83	110818	12	2.1
1494		01.79- 01.87	111185	14	43	A47	01.84-	115391	12	4.0
		01.79- 01.87	111204	14	70					
		01.84-	110968	14	70					
		01.84-	113574	14	65					
1550		01.89- 01.94	111843	14	95					
		01.89- 01.94	111888	14	65					
1594		01.83- 01.88	111204	14	70					
		01.84-	110968	14	70					
		01.84-	113574	14	65					
1620								113429	12	4.2
1640								113429	12	4.2
1644								113429	12	4.2
1666								113429	12	4.2
1680								113429	12	4.2
1688								113429	12	4.2
1690		01.79- 01.85	111185	14	43	4WD, A47	01.84-	110818	12	2.1
		01.79- 01.85	110179	14	36	2WD	01.85- 01.92	113429	12	4.2
1694		01.79- 01.87	111204	14	70					
		01.84-	110968	14	70					
		01.84-	113574	14	65					
1840							01.90- 01.93	113725	12	2.5
1845 C							01.87- 01.96	113725	12	2.5
2144		01.94-	113999	14	150	IS	01.94- 01.96	113429	12	4.2
		01.94- 01.97	112773	14	135					
2155 8.3	[6CTA]	05.97-	112773	14	135		01.96-	113429	12	4.2
		05.97-	113999	14	150	IS				
2166 8.3	[6CTA]	01.94-	112773	14	135		01.94- 01.96	113429	12	4.2
		01.94-	113999	14	150	IS				
2188 8.3	[6CTA]	01.94-	112773	14	135		01.94- 01.96	113429	12	4.2
		01.94-	113999	14	150	IS				
		01.94-	115530	14	130	Ford				
2344 5.9		01.97-	113999	14	150	IS				
		01.97- 01.98	112773	14	135					
2366 8.3	[6CTA]	05.97-	112773	14	135		01.97-	113429	12	4.2
		05.97-	113999	14	150	IS				
2388 8.3	[6CTAA]	05.97- 01.98	112773	14	135					
		05.97-	113999	14	150	IS				
		05.97-	115530	14	130	Ford, Fiat				
2555 8.3		05.97-	113999	14	150	IS				
		05.97-	112773	14	135					
3400 GD							09.69- 12.86	111752	12	2.7
3500 GD							09.69- 12.86	111752	12	2.7
4200		01.93-	111289	14	70			112660	12	2.8

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





Application list

**CASE** *Continued*

5120 Maxxum	[6T-590]	01.90- 01.90-	111843 111888	14 95 14 65			
5130	[6T-590]				01.90- 01.91 06.90-	113429 114449	12 4.2 12 4.0
5130 Maxxum	[6T-590]	01.90- 01.90-	111843 111888	14 95 14 65	01.90-	111885	12 3.1
5140	[6T-590]				01.90- 01.91 06.90-	113429 114449	12 4.2 12 4.0
5140 Maxxum	[6T-590]	01.90- 01.90-	111843 111888	14 95 14 65	01.90-	111885	12 3.1
5150 Maxxum	[6T-590]				06.90-	111885	12 3.1
6000					01.85- 01.92 01.97- 01.00	113725 113429	12 2.5 12 4.2
6500					01.85- 01.92	113725	12 2.5
7120 8.3	[6CT]	01.98- 01.03 01.98- 01.03	112773 113999	14 135 14 150 IS			
7130 8.3	[6CT]	01.98- 01.03 01.98- 01.03	112773 113999	14 135 14 150 IS	01.87- 01.93	113429	12 4.2
7140 8.3	[6CTA]	01.98- 01.03 01.98- 01.03	112773 113999	14 135 14 150 IS	01.87- 01.93	113429	12 4.2
8920 8.3	[6CTA]	05.97- 05.97- 05.97-	112773 113999 115530	14 135 14 150 IS 14 130 Ford, Fiat			
8930 8.3	[6CTA]	05.97- 05.97- 05.97-	112773 113999 115530	14 135 14 150 IS 14 130 Ford, Fiat	01.96-	113429	12 4.2
8940 8.3	[6CTA]	05.97- 05.97- 05.97-	112773 113999 115530	14 135 14 150 IS 14 130 Ford, Fiat			
8950 8.3	[6CTA]	05.97- 05.97- 05.97-	112773 113999 115530	14 135 14 150 IS 14 130 Ford, Fiat			
9150	[6-611]				01.86- 01.90	112089	12
9180	[6-855]				01.86- 01.90	112089	12
9250	[6-611]				01.90- 01.95	112089	12
9260	[6-611]				01.90- 01.95	112089	12
9270	[6-855]				01.90- 01.95	112089	12
9280	[6-855]				01.90- 01.95	112089	12
170 CBX			113552	14 120			
170 CVX 6.7		01.10-	115682	14 200			
180 CVX 6.7		01.10-	115682	14 200			
185 CVX 6.7		01.10-	115682	14 200			
200 CVX 6.7		01.10-	115682	14 200			
215 CVX 6.7		01.10-	115682	14 200			
225 CVX 6.7		01.10-	115682	14 200			
230 CVX 6.7		01.10-	115682	14 200			
420CT 3.2	[432T/M]	01.08-	115680	14 95	01.08-	114002	12 4.2
650 HD Yumbo		01.78-	111035	14 65			
821B 8.3	[6CT]	06.96-	112493	28 65			
CS 660 8.3	[Cummins]					115721	12 4.2
CVX Series			115718	14 140			
DX18E			115342	14 40			
DX22E			115342	14 40			
DX25E			115342	14 40			
DX26			115342	14 40			
E833					01.86- 12.90	112135	12 3.1
E833 A		01.86-	111662	14 33	01.86- 12.90	112135	12 3.1
Farmall			114450	14 120			
JX100U			114384	14 85			
JX70U			114384	14 85			
JX80U			114384	14 85			
JX90U			114384	14 85			
MX		01.95- 01.02	111843	14 95			
MXM Series					01.02-	114447	12 3.0
STX280			114698	14 175			
V433					01.86-	112135	12 3.1
V533		01.86-	111662	14 33	01.86-	112135	12 3.1
Various models	[6-411]						
			113552	14 120		114050	12 4.2
		01.65-	114518	14 55		116086	12 2.7 A49
		01.89- 01.94	112170	28 45	01.85- 01.92	115447*	24 8.0
			114191	14 90	01.72-	111760	24 4.5
		01.65-	110484		01.65-	112660	12 2.8
		01.72- 01.85	110504	14 90	01.90- 01.98	114399	12 2.7
		01.70- 01.92	110300	28 65	01.57- 01.78	112169	24 4.5
					01.78- 01.89	110438	12 2.1
					01.78- 01.89	110627	12 2.5
					01.65- 01.88	112243	24
					01.74- 01.80	111259	12 1.3
					01.65-	114196	24 4.0
					01.83-	110999	24
					03.75- 01.88	110523	24 4.8
					05.79- 12.86	110536	12 2.7
					05.82	111752	12 2.7
						110818	12 2.1
						113429	12 4.2
					01.87- 01.92	113184	24 4.0
					01.00- 01.00	111260	12 1.4
W20E 6.0	[6BT]	05.96-	112493	28 65			
			114896	14 120			
<b>INDUSTRY</b>							
1150K	[668TA-M2]					114695	24 7.5
621D	[668TA-M2]					114695	24 7.5



721D	[668TA-M2]					114695	24	7.5	
850K	[668TA-M2]					114695	24	7.5	
B100		01.73- 01.86	110178	14	36				
B115 Excavator		01.75- 01.84	110766	28	27				
B160 CL Excavator		06.76- 01.85	110766	28	27				
B165 Excavator		01.77- 01.82	110178	14	36				
B60 Excavator		03.76- 02.88	110766	28	27				
B75 Excavator		06.76- 02.88	110766	28	27				
B90 Excavator		03.75- 02.88	110766	28	27				
BTD 6 Crawler		01.72-	110178	14	36				
BTD 8 Crawler		01.72-	110178	14	36				
CX17B Diesel	[mitsubishi Equipped]		114079	14	40	114696	12	1.2	
						114444	12	1.6	
CX27B Excavator	[3TNV82]					01.05-	114281	12	1.7
CX31B Excavator	[3TNV88]					01.05-	114281	12	1.7
JS200	[Isuzu 4HK1/ I4HK1T]						114659	24	5.0
JS220	[Isuzu 4HK1/ I4HK1T]						114659	24	5.0
LW780	[668TA-M2]						114695	24	7.5
TD6 Crawler		01.73- 01.74	110178	14	36				
TD8 Crawler		01.73-	110178	14	36				
Various models			110801	28	45		116072*	24	5.5
			114759	14	55		114748	12	1.4
			114191	14	90	01.05-	114307	24	4.0
		01.70- 01.92	110300	28	65				
			116010*	14	95				
W130	[668TA-M2]						114695	24	7.5
W14		01.83- 01.92	110952	28	40				
W18		01.83- 01.92	110952	28	40	01.73- 01.84	110999	24	
W24		01.83- 01.92	110952	28	40	01.73- 01.84	110999	24	
W30		01.83- 01.92	110952	28	40				
W36		01.83- 01.92	110952	28	40				
<b>Case IH</b>									
<b>AGRICULTURE</b>									
170 6.7			114228	14	150				
200 6.7			114228	14	150				
215 6.7							114225	12	1.6
235 8.7							114480	12	4.2
260 8.7							114480	12	4.2
290 8.7							114480	12	4.2
315 8.7							114480	12	4.2
340 8.7							114480	12	4.2
<b>Caterpillar</b>									
<b>AGRICULTURE</b>									
75						01.91- 12.97	113695	24	6.0
85						01.95- 12.97	113695	24	6.0
906 Diesel	[Perkins 3054]		114218	14	55		115323	12	2.7
908 Diesel	[Perkins 3054]		114218	14	55		115323	12	2.7
311D,312D,312D L,315D L 319D 319D L			114683	28	80				
416C Diesel	[Perkins 3054]		114218	14	55				
426C Diesel	[Perkins 3054]		114218	14	55				
436C Diesel	[Perkins 3054]		114218	14	55				
D4C Diesel	[Perkins]		114218	14	55				
Farm 35		01.94-	112996	14	115				
Farm 45		01.94-	112996	14	115				
Farm 55		01.95-	112996	14	115				
Various models			114188	14	90	01.79-	110449	12	3.6
			115812	14	130		114280	24	3.2
			115724	14	45		114718	12	1.4
			114271	28	75				
<b>FORK LIFTS</b>									
DP40 Mitsubishi	[S6E/S6S]						114169	24	5.0
V160		01.86- 12.89	112989	14	60				
V180		01.86- 12.89	112989	14	60				
V200		01.86- 12.89	112989	14	60				
V225		01.86- 12.89	112989	14	60				
V250		01.86- 12.89	112989	14	60				
V300		01.86- 12.89	112989	14	60				
V330		01.86- 12.89	112989	14	60				
V60E	[Perkins 4-236]					01.85- 01.91	113172	12	2.0
V80E	[Perkins 4-236]					01.85- 01.91	113172	12	2.0
<b>MARINE</b>									
3116			114351	14	200				
3126			114351	14	200				
3176			112265	28	100				
			112294	28	110				
3208			112989	14	60				
			110801	28	45				
3304			112989	14	60				
			113549	28	35				
			110591	28	75				
			110801	28	45				
3306			113549	28	35				
			112989	14	60				
			110591	28	75				
			110801	28	45				
3406			110591	28	75				
			110801	28	45				
			112989	14	60				
			113549	28	35				
3408			112989	14	60				
			113549	28	35				
			110801	28	45				

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

**CATERPILLAR** Continued

3412		110801	28	45					
		112989	14	60					
		110591	28	75					
		113549	28	35					
3508		110801	28	45					
		110591	28	75					
3512		110801	28	45					
		110591	28	75					
3516		110591	28	75					
		110801	28	45					
3176B		113549	28	35					
3176C		113549	28	35					
3196C		113549	28	35					
3406B		113549	28	35					
3406C		113549	28	35					
<b>INDUSTRY</b>									
910 Wheel loader						114309	12	4.0	
916 Wheel loader						114309	12	4.0	
931 Track Loader	[3204]					114309	12	4.0	
200 Serie Skid Steer Loader	[Perkins 3034]					115323	12	2.7	
248B	[3044T]	114902	14	90					
320B 320C 6.7 Diesel	[3066T]				01.96-	114445	24	5.0	
420D Diesel	[Perkins]	113967	14	120					
914G Diesel Wheel Loader		01.95- 01.03	114364	28	70				
935C Track Loader	[3046]					114309	12	4.0	
D3B Track Tractor	[3204]				01.71- 01.78	111000	24	6.5	
D9L Crawler		114271	28	75					
M322C	[3056E]	114714	28	80					
M322C		114302	28	75					
TH Serie	[Perkins 3054]					115323	12	2.7	
Various Industrial applications						114718	12	1.4	
		114683	28	80		114309	12	4.0	
						114870	12	2.2	
Various models		01.72- 01.93	110801	28	45	114268	24	4.5	
			115385	28	95				
<b>MOTORS</b>									
3114						01.91- 01.93	113237	12	3.0
						01.91- 12.93	113695	24	6.0
						01.91- 01.93	110944	24	5.5
3116						01.91- 01.93	110944	24	5.5
						01.91- 12.93	113695	24	6.0
						01.91- 01.93	113237	12	3.0
3176		01.97	113549	28	35	01.85- 12.93	113695	24	6.0
						01.86- 01.99	112089	12	
3208		01.74-	110937	14	200	01.75- 01.84	110999	24	
		01.86- 12.89	112989	14	60				
		01.86- 01.95	111261	28	50				
		01.86- 01.90	110801	28	45				
3304		01.86- 01.90	110801	28	45				
		01.86- 12.89	112989	14	60				
3306		01.75- 01.84	113549	28	35	01.75- 01.84	110999	24	
		01.86- 01.00	110801	28	45				
		01.70- 01.93	111261	28	50				
		01.86- 12.89	112989	14	60				
		01.74-	110937	14	200				
3406		01.86- 01.90	110801	28	45	01.86- 01.99	112089	12	
		01.86- 01.97	111261	28	50	01.85- 12.97	113695	24	6.0
		01.86- 12.89	112989	14	60				
		01.74-	110937	14	200				
3408		01.86- 01.90	110801	28	45				
		12.86- 12.89	112989	14	60				
		01.74-	110937	14	200				
3412		01.86- 01.90	110801	28	45				
		01.86- 12.89	112989	14	60				
3508		01.86- 01.93	110801	28	45				
3512		01.86- 01.96	110801	28	45				
3516		01.86- 01.93	110801	28	45				
<b>MISCELLANEOUS</b>									
1693		01.71- 01.79	111261	28	50				
1694						01.74- 01.79	110999	24	
304CR	[S3L]						113995	12	1.7
C7		01.99-	114043	14	55				
		01.74-	110937	14	200				
IT12B						01.89- 12.93	113695	24	6.0
IT24B						01.89- 12.96	113695	24	6.0
Various models			115794	28	95	02.93-	110999	24	
			115385	28	95				
		01.79- 01.92	110801	28	45				
Various models			114188	14	90	01.68- 01.90	110436	12	
			115794	28	95	01.79-	110449	12	3.6
		01.92- 01.97	112294	28	110	01.95- 12.00	111793	12	3.0
		01.86- 01.97	112261	28	60	01.81-	112233	12	
		01.86- 12.89	112989	14	60		110961	12	2.5
			114347	28	150	01.71- 01.79	110999	24	
		01.90-	113739	14	130		110962	12	2.0
		01.70- 01.93	111261	28	50	01.82- 01.86	110626	12	1.4
		01.92- 01.97	113310	14	50		114331	24	8.3
		01.94- 01.95	112996	14	115	01.85-	111000	24	6.5
		01.79- 01.93	111796	14	40		110941	12	2.5
		01.66- 01.73	110427	28	22	01.94- 01.98	112323	24	5.0
		01.80- 01.97	113549	28	35	01.71- 01.81	112007	12	
		01.72- 01.97	110591	28	75		111190	12	
		01.72- 01.00	110801	28	45		114168	12	1.2
							114280	24	3.2
						01.76- 01.79	110347	24	7.5
						01.74- 01.93	113384	32	

**STARTERS & ALTERNATORS**





						01.92- 01.94	113194	24	3.2	
							113669	24	5.0	
						01.89- 12.92	113695	24	6.0	
<b>Challenger</b>										
<b>MARINE</b>										
Various models										
Chang Feng (Liebao)										
<b>AGRICULTURE</b>										
3320		01.92-	110621	14	55	01.92- 01.92-	114254 110545	12	2.7 3.0	GR
<b>Changan Ford Mazda</b>										
<b>PASSENGER CARS AO</b>										
Mazda 1.5 [ZY-VE]										
S40 2.4	[B5244S]	06.06-	115606	14	150	06.06-	114315	12	1.4	
S40 2.5	[B5254T6]	06.06-	115606	14	150					
<b>Changan Volvo</b>										
<b>PASSENGER CARS AO</b>										
S80L 2.0 Turbo										
<b>Chevrolet</b>										
<b>PASSENGER CARS EU</b>										
Avalance 5.3										
Aveo 1.2	[A12XEL]	03.11-	114727*	14	130			01.02- 12.02	112902	12 1.2
								A25 03.11-	115395	12 1.1
								03.11-	115646	12 1.1
								03.11-	115645	12 2.0
	[A12XER]							03.11-	115395	12 1.1
								03.11-	115645	12 2.0
	[B12D1]	04.08-	111847	14	65	01.08-	113860		12 0.8	
		04.08-	115366	14	80					
	[F12S3]	03.06- 12.07	111847	14	65	03.06-	113860		12 0.8	
		03.06-	115366	14	80					
	[LMU]	04.08-	111847	14	65	01.08-	113860		12 0.8	
		04.08-	115366	14	80					
	[LQ5]	03.06- 12.07	111847	14	65	03.06-	113860		12 0.8	
		03.06-	115366	14	80					
Aveo 1.2 LPG	[A12XER]	11.12-	114727*	14	130	11.12-	115395		12 1.1	
		A25 11.12-	114727*	14	130	11.12-	115646		12 1.1	
	[B12D1]					04.08-	113860		12 0.8	
	[LMU]					04.08-	113860		12 0.8	
Aveo 1.2 16V	[B12D1]					04.08-	113860		12 0.8	
	[LMU]					04.08-	113860		12 0.8	
Aveo 1.2 BiFuel LPG	[LMU]					04.08-	113860		12 0.8	
Aveo 1.3 Diesel	[LDV]					07.11-	115570		12 1.4	
	[LSF]					07.11-	115570		12 1.4	
Aveo 1.4	[A14XER]	04.08-	114350	14	85	04.08-	111123		12 0.9	
		03.11-	114728	14	100	03.11-	115395		12 1.1	
						03.11-	115645		12 2.0	
	[F14D3]	03.06-	114350	14	85	03.06-	111123		12 0.9	
	[F14D4]	01.08-	114350	14	85	04.08-	111123		12 0.9	
	[LDT]	04.08-	114350	14	85	04.08-	111123		12 0.9	
Aveo 1.6	[F16D4]	03.11-	114779	14	100	03.11-	114298		12 1.1	
Bel air						01.95- 12.97	112897		12 1.7	
Beretta 2.2	[LN2]	01.91-	110503	14	100/105					
Beretta 2.3 16V	[LGO]	09.90- 01.92	110499	14	100/105					
		09.90-	112448	14	100					
Beretta 3.1 V6	[LHO]					01.89-	110221		12 1.2	
Blazer 4.3 V6	[L35]	01.94- 01.96	112639	14	100/105	01.94-	112240		12 1.7	
Blazer S 4.3 V6	[LB4]	09.88- 08.94	112337	14	105					
		09.88- 08.94	112629	14	100/105					
		01.93- 01.94	112639	14	100/105					
Camaro 3.4 V6	[L32]	01.94- 01.95	111854	14	105	12.92- 12.95	111034		12 1.2	
Camaro 5.0	[LG4]	01.87-	110498	14	100/105	01.78- 11.81	110414		12	
		01.88- 01.89	110985	14	100/105					
		01.90- 01.92	110500	14	100/105					
Camaro 5.7	[LS1]	07.98-	111712	14	105					
Camaro 5.7 V8	[LT1]	01.90- 01.92	112629	14	100/105					
Camaro 5.7						01.98- 12.01	112906		12 1.7	
						01.95- 12.96	112897		12 1.7	
Caprice 5.0	[LG4]					01.81- 12.83	110414		12	
Captiva 2.0 Diesel 4x4	[Z20S]					10.06-	114159		12 1.8	
Captiva 2.2 Diesel	[Z22D1]	03.11-	115761	14	140	03.11-	115571		12 2.2	
Captiva 2.2 Diesel 4x4	[A22DMH]					03.11-	115571		12 2.2	
	[Z22D1]	03.11-	115761	14	140	03.11-	115571		12 2.2	
Captiva 3.2 4WD	[10HM]	06.06-	114235	14	120					
Corsica 2.2	[LN2]	01.91-	110503	14	100/105					
Corvette 2.8						01.97- 12.01	112906		12 1.7	
						01.02- 12.02	112898		12 1.6	
Cruze 1.4	[A14NET]					10.13-	115645		12 2.0	
	[A14XER]					07.13-	115645		12 2.0	
	[LDD]					07.13-	115645		12 2.0	
	[LUJ]					06.12-	115395		12 1.1	
						06.12-	115645		12 2.0	
						08.12-	115646		12 1.1	
Cruze 1.6	[F16D4]	05.09-	114779	14	100	05.09-	114298		12 1.1	
		05.09-	115410	14	100					
	[LDE]	05.09-	114779	14	100	05.09-	114298		12 1.1	
Cruze 1.7 Diesel	[LUD]	A25 01.12-	115396*	14	140	01.12-	115830		12 2.0	
Cruze 1.7 TD	[A17DTE]	11.13-	115396*	14	140	08.13-	115830		12 2.0	
	[LUD]	08.12-	115396*	14	140	08.12-	115830		12 2.0	
Cruze 1.8	[2H0]	08.12-	114779	14	100	08.12-	114298		12 1.1	
	[F18D4]	05.09-	114779	14	100	06.11-	114298		12 1.1	
		05.09-	115410	14	100					
Cruze 1.8 LPG	[F18D4]	06.11-	114779	14	100	06.11-	114298		12 1.1	
		06.11-	115410	14	100					
Cruze 1.8 BiFuel LPG	[2H0]	06.11-	114779	14	100	06.11-	114298		12 1.1	
	[F18D4]	06.11-	114779	14	100	06.11-	114298		12 1.1	
Cruze 2.0 CDI	[LNP]	08.10-	115761	14	140	08.10-	115571		12 2.2	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**CHEVROLET** *Continued*

	[Z20D1]	08.10-	115761	14 140		08.10-	115571	12 2.2
	[Z20DMH]	05.09-	115911*	14 140		05.09-	114159	12 1.8
	[Z20S1]	05.09-	115911*	14 140				
Cruze 2.0 TD	[LNP]	08.12-	115761	14 140		08.12-	115571	12 2.2
Epica 2.0	[X20D1]					06.06-	114503	12 1.5
Epica 2.0 Diesel	[Z20S]	01.07-	115380	14 120		01.07-	114159	12 1.8
Epica 2.5	[LF4]					06.06-	114503	12 1.5
Evanda 2.0	[X20SED]	03.05-	113498	14 80		03.05-	111848	12 1.0
Impala 5.7						01.95- 12.97	112897	12 1.7
Kalos 1.2	[B12S1]	03.05-	111847	14 65		03.05-	113860	12 0.8
		03.05-	115366	14 80				
Kalos 1.4	[F14S3]	03.05- 09.06	114350	14 85		03.05-	111123	12 0.9
Kalos 1.4 16V	[F14D3]	03.05-	114350	14 85		03.05-	111123	12 0.9
Lacetti 1.4 16V	[F14D3]	03.05-	114350	14 85		03.05-	111123	12 0.9
Lacetti 1.6	[F16D3]	03.05-	114350	14 85		03.05-	111123	12 0.9
Lacetti 1.8	[F18D3]	08.05-	114350	14 85		08.05-	111123	12 0.9
	[T18SED]	03.05-	114350	14 85		03.05-	111848	12 1.0
Lumina 2.3 APV	[LD2]	12.92- 07.98	111388	14 100/105				
LUV 2.2 Millenium		01.99-	114413	14 85				
Malibu 2.0 Diesel	[LBS]					04.12-	113931	12 1.7
Malibu 2.4	[LE9]					01.12-	115575	12 1.4
Malibu 3.8	[LC3]	01.80- 01.82	110235	14 80		01.80- 01.81	110414	12
		01.80- 12.83	110504	14 90				
		01.83-	110508	14 78				
Malibu 5.0	[LG4]	01.80- 01.82	110235	14 80		01.80-	110414	12
		01.80- 12.83	110504	14 90				
		01.83-	110508	14 78				
Matiz 0.8	[F8CV]	03.05-	114114	14 65		03.05-	111849	12 0.8
Matiz 0.8 LPG	[F8CV]	03.05-	114114	14 65				
Matiz 1.0	[B10S]	03.05-	114114	14 65		03.05-	113860	12 0.8
	[B10S1]	03.05-	114114	14 65 ▲		03.05-	113860	12 0.8
Matiz 1.0 LPG	[B10S1]	03.05-	114114	14 65 ▲				
Nubira 1.4	[F14D3]	01.05-	114350	14 85				
		01.06-	114412	14 85				
Nubira 1.6	[F16D3]	03.05-	114350	14 85		03.05-	111123	12 0.9
Nubira 1.8	[F18D3]	08.05-	114350	14 85		08.05-	111123	12 0.9
		08.05-	114412	14 85				
Nubira 2.0 Diesel	[T18SED]	03.05-	114350	14 85		03.05-	111848	12 1.0
	[Z20DM]	01.07-	115380	14 120		01.07-	114159	12 1.8
	[Z20S]	01.07-	115380	14 120		01.07-	114159	12 1.8
Orlando 1.4	[LUJ]					A25 06.12-	115645	12 2.0
Orlando 1.8	[2H0]	02.11-	114779	14 100		02.11-	114298	12 1.1
	[F18D4]	02.11-	114779	14 100		02.11-	114298	12 1.1
Orlando 1.8 BiFuel LPG	[2H0]	06.11-	114779	14 100		06.11-	114298	12 1.1
Orlando 2.0 VCDi	[Z20D1]	02.11-	115761	14 140		02.11-	115571	12 2.2
Rezzo/Tacuma 1.6	[A16DMS]	03.05-	113350	14 85		03.05-	111123	12 0.9
						03.05-	112431	12 1.1
Rezzo/Tacuma 2.0	[T20SED]	03.05-	113498	14 80		03.05-	111848	12 1.0
S10 2.2	[L43]	01.94- 01.97	112614	14 105				
S10 4.3 4x4	[L35]	01.94- 01.95	112613	14 105				
		01.98- 01.00	112665	14 100				
Spark 1.0 SX	[B10S1]	05.05-	114114	14 65		05.05-	113860	12 0.8
Spark 1.0 LPG	[B10D1]					07.10-	113860	12 0.8
Spark 1.0 BiFuel LPG	[B10D1]					03.10-	113860	12 0.8
Spark 1.2	[B12D1]					03.10-	113860	12 0.8
	[LMU]					03.10-	113860	12 0.8
Spark 1.2 BiFuel LPG	[B12D1]					03.10-	113860	12 0.8
	[LMU]					03.10-	113860	12 0.8
Trax 1.4	[LUJ]	12.12-	114727*	14 130		12.12-	115395	12 1.1
						12.12-	115646	12 1.1
						12.12-	115646	12 1.1
Trax 1.4 AWD	[LUJ]					12.12-	115646	12 1.1
Trax 1.7 TD	[LUD]					12.12-	115830	12 2.0
Trax 1.7 TD AWD	[LUD]					12.12-	115830	12 2.0
Various models						01.80- 01.90	110216	12 1.4
						01.63- 01.77	112897	12 1.7
						S10/T-10 Pickup 2.2 01.96- 12.98	112900	12 1.4
						Trailblazer 01.02- 12.02	112905	12 1.6
						Lumina 3.1, 3.4 01.90- 12.98	112911	12 1.6
					Express Vans 4.3, 5.0 01.97- 12.99	112912	12 1.6	
<b>PASSENGER CARS US</b>								
1500 5.3 Suburban		01.00- 01.03	112853	14 130		01.00- 01.03	112902	12 1.2
1500 5.3 Suburban		01.02- 01.03	112853	14 130		01.02- 01.03	112902	12 1.2
		01.02- 01.02	112850	14 105				
2500 5.3 Suburban		01.00- 01.00	112853	14 130		01.00- 01.00	112902	12 1.2
2500 6.0 Suburban		01.00- 01.03	112853	14 130		01.01- 01.03	112906	12 1.7
		01.00- 01.02	112850	14 105		01.00- 01.00	112898	12 1.6
2500 6.0 Suburban LS		01.05-	112853	14 130				
2500 6.0 Suburban LT		01.05-	112853	14 130				
2500 8.1 Suburban		01.01- 01.03	112853	14 130		01.01- 01.02	112240	12 1.7
2500 8.1 Suburban LS		01.05-	112853	14 130				
2500 8.1 Suburban LT		01.05-	112853	14 130				
Astre 2.5		01.88- 01.92	110500	14 100/105		01.85- 01.90	110221	12 1.2
		01.85- 01.90	110505	14 75				
		01.85- 01.90	110471	14 94				
Astre 4.3		01.00- 12.00	112665	14 100		01.99- 01.05	112241	12 1.5
		01.87- 01.89	112337	14 105		01.97- 01.05	112240	12 1.7
		01.90- 01.98	111711	14 105		01.92- 01.98	111034	12 1.2
		01.93- 01.96	112639	14 100/105		01.85- 01.94	110216	12 1.4
		01.92- 01.95	111223	14 105				
		01.87- 01.88	110508	14 78				
		01.85-	110471	14 94				
		01.85-	110233	14 63				
		01.85-	110505	14 75				
Avalanche 5.3 1500		01.02- 01.03	112853	14 130		01.02- 01.03	112902	12 1.2
		01.02- 01.02	112850	14 105				



Avalanche 8.1 2500	01.02- 01.03	112853	14 130	01.02- 01.02	112240	12 1.7
	01.02- 01.02	112850	14 105			
Avalanche 8.1 2500 LS	01.05-	112853	14 130			
Avalanche 8.1 2500 LT	01.05-	112853	14 130			
Aveo 1.6 Special Value	01.05-	114412	14 85			
Bel Air 3.8	01.63- 01.65	110075	14 60			
Bel Air 3.9	01.55- 01.56	110505	14 75			
Bel Air 4.1	01.72- 01.73	110233	14 63			
	01.72- 01.73	110505	14 75			
	01.65- 01.71	110075	14 60			
Bel Air 4.3				01.55- 01.57	111258	12
Bel Air 4.4	01.81- 01.81	110235	14 80	01.81- 01.81	110414	12
	01.81- 01.81	110505	14 75			
Bel Air 4.6	01.63- 01.67	110075	14 60	01.57- 01.57	111258	12
Bel Air 5.0	01.68-	110075	14 60	01.68-	111258	12
	01.93- 01.96	112639	14 100/105	01.81- 01.81	110414	12
	01.81- 01.81	110235	14 80			
	01.81- 01.81	110505	14 75			
	01.83- 01.87	110508	14 78			
	01.85- 01.86	110492	14 108			
01.86- 01.87	110471	14 94				
Bel Air 5.4	01.63- 01.67	110075	14 60	01.63- 01.67	111258	12
Bel Air 5.7	01.72- 01.75	110505	14 75	01.72- 01.75	110216	12 1.4
	01.72- 01.75	110233	14 63	01.69- 01.75	111258	12
	01.69- 01.71	110075	14 60			
Bel Air 6.5	01.66- 01.69	110075	14 60	01.66- 01.69	111277	12
Bel Air 6.6	01.72- 01.74	110233	14 63	01.70- 01.75	110216	12 1.4
	01.72- 01.75	110505	14 75	01.70- 01.75	111258	12
	01.70- 01.71	110075	14 60			
Bel Air 6.7	01.63- 01.65	110075	14 60	01.62- 01.65	111277	12
Bel Air 7.0	01.66- 01.69	110075	14 60	01.66- 01.69	111277	12
Bel Air 7.4	01.72- 01.75	110505	14 75	01.70- 01.75	110216	12 1.4
	01.93- 01.96	112639	14 100/105	01.70- 01.75	111258	12
	01.72-	110233	14 63			
	01.70- 01.71	110075	14 60			
Beretta 2.0	01.87- 01.89	110503	14 100/105	01.87- 01.89	112911	12 1.6
Beretta 2.2	01.93- 01.95	110500	14 100/105	01.90- 01.95	112911	12 1.6
	01.90- 01.91	110503	14 100/105			
Beretta 2.2 GT	01.93-	110500	14 100/105	01.92-	112911	12 1.6
	01.92-	110503	14 100/105			
Beretta 2.8	01.87- 01.93	111388	14 100/105	01.87- 01.89	110221	12 1.2
				01.87- 01.89	112911	12 1.6
Beretta 2.8 GT	01.89-	111388	14 100/105	01.89-	110221	12 1.2
				01.89-	112911	12 1.6
Beretta 3.1	01.90- 01.93	111388	14 100/105	01.90- 01.95	112911	12 1.6
Beretta 3.1 GT	01.90- 01.93	111388	14 100/105	01.90- 01.93	112911	12 1.6
Beretta 3.1 GTZ	01.91- 01.93	111388	14 100/105	01.91- 01.93	112911	12 1.6
Beretta 3.1 Z26				01.94- 01.95	112911	12 1.6
Biscayne 3.8	01.63- 01.65	110075	14 60			
Biscayne 4.1	01.65- 01.71	110075	14 60			
	01.72-	110233	14 63			
	01.72-	110505	14 75			
Biscayne 4.6	01.63- 01.67	110075	14 60			
Biscayne 5.0	01.68-	110075	14 60	01.68-	111258	12
	01.93- 01.96	112639	14 100/105			
Biscayne 5.4	01.63- 01.67	110075	14 60	01.63- 01.67	111258	12
Biscayne 5.7	01.72-	110233	14 63	01.72-	110216	12 1.4
	01.72-	110505	14 75	01.69- 01.71	111258	12
	01.93- 01.96	112639	14 100/105			
	01.69- 01.71	110075	14 60			
Biscayne 6.5	01.66- 01.69	110075	14 60	01.66- 01.69	111277	12
Biscayne 6.6	01.72-	110233	14 63	01.70- 01.71	110216	12 1.4
	01.72-	110505	14 75	01.70- 01.71	111258	12
	01.70- 01.71	110075	14 60			
Biscayne 6.7	01.63- 01.65	110075	14 60	01.62- 01.65	111277	12
Biscayne 7.0	01.66- 01.69	110075	14 60	01.66- 01.69	111277	12
Biscayne 7.4	01.70- 01.70	110075	14 60	01.70- 01.70	110216	12 1.4
	01.72-	110233	14 63	01.70- 01.70	111258	12
	01.72-	110505	14 75			
	01.93- 01.96	112639	14 100/105			
Blazer 4.1	01.69- 01.71	110075	14 60	01.73- 01.82	110216	12 1.4
	01.72- 01.82	110505	14 75			
	01.72-	110233	14 63			
Blazer 4.3	01.98- 01.02	112665	14 100	01.99- 01.02	112241	12 1.5
	01.95-	112613	14 105	01.94- 01.00	112240	12 1.7
	01.95- 01.96	112639	14 100/105	01.95-	111034	12 1.2
Blazer 4.3 Trailblazer	01.99- 01.00	112665	14 100	01.99- 01.01	112241	12 1.5
Blazer 4.8	01.73-	110505	14 75	01.73-	110216	12 1.4
	01.70-	110075	14 60			
Blazer 5.0	01.69- 01.71	110075	14 60	01.69- 01.71	111277	12
	01.72- 01.87	110505	14 75	01.77- 01.87	110216	12 1.4
	01.83- 01.87	110471	14 94			
	01.87- 01.87	112640	14 100/105			
	01.87- 01.87	110500	14 100/105			
	01.72- 01.72	110233	14 63			
01.93- 01.96	112639	14 100/105				
Blazer 5.7	01.93- 01.94	112639	14 100/105	01.73- 01.94	110216	12 1.4
	01.87- 01.94	110500	14 100/105	01.69- 01.72	111258	12
	01.87- 01.94	112338	14 105			
	01.73- 01.86	110505	14 75			
	01.69- 01.72	110075	14 60			
Blazer 6.2	01.87- 01.93	112337	14 105			
	01.82- 01.91	110505	14 75			
	01.82- 01.91	110233	14 63			
Blazer 6.6	01.75- 01.79	110505	14 75	01.75- 01.79	110216	12 1.4
	01.92- 01.95	112337	14 105			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**CHEVROLET** *Continued*

Blazer 7.4	01.73- 01.78	110505	14	75	01.73- 01.78	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
Brookwood 4.1	01.69-	110075	14	60				
Brookwood 5.7	01.72-	110233	14	63	01.69- 01.71	111258	12	
	01.72-	110505	14	75				
	01.93- 01.96	112639	14	100/105				
	01.69- 01.71	110075	14	60				
Brookwood 6.6	01.72-	110233	14	63	01.70-	110216	12	1.4
	01.72-	110505	14	75	01.70-	111258	12	
	01.70-	110075	14	60				
C10 3.8	01.63- 01.66	110075	14	60				
C10 4.1	01.66- 01.70	110075	14	60	01.73- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.84	110505	14	75				
C10 4.1 Big Ten	01.77- 01.80	110505	14	75	01.77- 01.80	110216	12	1.4
C10 4.1 Suburban	01.68- 01.71	110075	14	60	01.73- 01.80	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.80	110505	14	75				
C10 4.3	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.85- 01.86	110505	14	75				
C10 4.6	01.63- 01.67	110075	14	60	01.63- 01.67	111277	12	
C10 4.8	01.63- 01.71	110075	14	60	01.73- 01.80	110216	12	1.4
	01.73- 01.80	110505	14	75				
	01.78- 01.80	110505	14	75	01.78- 01.80	110216	12	1.4
C10 4.8 Suburban	01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
	01.68- 01.71	110075	14	60				
	01.74-	110505	14	75	01.74-	110216	12	1.4
C10 4.8 Suburban	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
C10 5.0	01.72- 01.86	110505	14	75	01.76- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94	01.85- 01.86	111034	12	1.2
	01.93- 01.96	112639	14	100/105	01.68- 01.69	111277	12	
	01.72-	110233	14	63				
	01.68- 01.69	110075	14	60				
C10 5.0 Big Ten	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
C10 5.0 Suburban	01.72- 01.86	110505	14	75	01.85- 01.86	111034	12	1.2
	01.83- 01.86	110471	14	94	01.76- 01.86	110216	12	1.4
	01.72- 01.72	110233	14	63	01.68- 01.71	111277	12	
	01.68- 01.71	110075	14	60				
C10 5.4	01.62- 01.67	110075	14	60	01.62- 01.67	111258	12	
C10 5.4 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	111258	12	
C10 5.7	01.72- 01.72	110233	14	63	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.72- 01.72	111258	12	
	01.72- 01.86	110505	14	75				
	01.93- 01.96	112639	14	100/105				
	01.69- 01.71	110075	14	60				
C10 5.7 Big Ten	01.87- 01.89	112629	14	100/105	01.77- 01.80	110216	12	1.4
	01.77- 01.80	110505	14	75				
	01.93- 01.96	112639	14	100/105				
C10 5.7 Suburban	01.72- 01.86	110505	14	75	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.72- 01.72	111258	12	
	01.72- 01.72	110233	14	63				
	01.69- 01.71	110075	14	60				
C10 5.7	01.87- 01.89	112629	14	100/105				
	01.78- 01.81	110505	14	75				
C10 5.7 Big Ten	01.78- 01.79	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C10 5.7 Suburban	01.78- 01.81	110505	14	75				
	01.87- 01.89	112629	14	100/105				
C10 5.7	01.87- 01.89	112629	14	100/105	01.74-	110216	12	1.4
	01.74-	110505	14	75				
	01.93- 01.96	112639	14	100/105				
	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
C10 5.7 Suburban	01.87- 01.89	112629	14	100/105				
	01.82- 01.86	110233	14	63				
C10 6.2	01.82- 01.86	110505	14	75				
	01.82- 01.86	110233	14	63				
C10 6.2 Suburban	01.84- 01.84	110471	14	94				
	01.84- 01.84	110492	14	108				
	01.82- 01.86	110505	14	75				
	01.68- 01.69	110075	14	60				
C10 6.5	01.68- 01.69	110075	14	60				
C10 6.5 Suburban	01.68- 01.69	110075	14	60				
C10 6.6	01.76- 01.79	110505	14	75	01.76- 01.79	110216	12	1.4
	01.70- 01.72	110075	14	60				
C10 6.6 Big Ten	01.80-	110505	14	75	01.80-	110216	12	1.4
C10 6.6 Suburban	01.72- 01.72	110233	14	63	01.71- 01.72	111277	12	
	01.72- 01.72	110505	14	75				
	01.70- 01.71	110075	14	60				
C10 7.4	01.73- 01.80	110505	14	75	01.73- 01.80	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
C10 7.4 Big Ten	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
C10 7.4 Suburban	01.73- 01.80	110505	14	75	01.73- 01.80	110216	12	1.4
C1500 4.3	01.88- 01.95	110500	14	100/105	01.88- 01.98	111034	12	1.2
	01.90- 01.95	112338	14	105				
	01.88- 01.89	112640	14	100/105				
C1500 5.0	01.96- 01.99	112893	14	140	01.96- 01.99	111034	12	1.2
	01.88- 01.95	110500	14	100/105	01.88- 01.95	110216	12	1.4
	01.88- 01.95	112640	14	100/105				
	01.93- 01.95	112639	14	100/105				
C1500 5.7	01.87- 01.89	112629	14	100/105	01.96- 01.99	112912	12	1.6
	01.96- 01.99	112893	14	140	01.88- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.88- 01.95	112640	14	100/105				
	01.88- 01.95	110500	14	100/105				

## STARTERS & ALTERNATORS



C1500 5.7 Suburban	01.96- 01.99	112893	14	140	01.96- 01.99	112240	12	1.7
	01.87- 01.89	112629	14	100/105	01.92- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.92- 01.95	110500	14	100/105				
	01.92- 01.95	112338	14	105				
C1500 6.2	01.88- 01.93	112640	14	100/105				
	01.88- 01.93	110500	14	100/105				
C1500 6.5	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105				
C1500 6.5 Turbo	01.97- 01.98	112893	14	140	01.94- 01.98	112341	12	2.5
	01.94- 01.98	110500	14	100/105				
	01.94- 01.96	112639	14	100/105				
C1500 6.5 Turbo Suburban	01.94- 01.99	110500	14	100/105	01.94- 01.99	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
C1500 7.4	01.90- 01.93	110984	14	100/105	01.90- 01.93	110216	12	1.4
	01.93- 01.93	112639	14	100/105				
C20 3.8	01.63- 01.65	110075	14	60				
C20 4.1	01.66- 01.71	110075	14	60	01.73- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.84	110505	14	75				
C20 4.1 Suburban	01.68- 01.71	110075	14	60	01.73- 01.74	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.74	110505	14	75				
C20 4.3	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.85- 01.86	110505	14	75				
C20 4.6	01.63- 01.67	110075	14	60	01.63- 01.67	111277	12	
C20 4.8	01.63- 01.72	110075	14	60	01.73- 01.86	110216	12	1.4
	01.73- 01.86	110505	14	75				
C20 4.8 Suburban	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.68- 01.72	110075	14	60				
C20 4.8	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
C20 4.8 Suburban	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
C20 5.0	01.72- 01.86	110505	14	75	01.77- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94	01.85- 01.86	111034	12	1.2
	01.93- 01.96	112639	14	100/105	01.68- 01.69	111277	12	
	01.72- 01.72	110233	14	63				
C20 5.0 Suburban	01.68- 01.69	110075	14	60				
	01.72- 01.86	110505	14	75	01.76- 01.86	110216	12	1.4
	01.83- 01.86	110471	14	94	01.85- 01.86	111034	12	1.2
	01.72- 01.72	110233	14	63	01.68- 01.71	111277	12	
C20 5.4	01.62- 01.68	110075	14	60	01.62- 01.68	111258	12	
	01.68- 01.68	110075	14	60	01.68- 01.68	111258	12	
C20 5.4 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	111258	12	
	01.87- 01.89	112629	14	100/105	01.72- 01.86	110216	12	1.4
	01.64- 01.71	110075	14	60	01.72- 01.72	111258	12	
	01.72- 01.86	110505	14	75				
C20 5.7	01.93- 01.96	112639	14	100/105				
	01.72- 01.72	110233	14	63				
	01.72- 01.86	110505	14	75	01.72- 01.86	110216	12	1.4
	01.84- 01.86	110471	14	94	01.72- 01.72	111258	12	
C20 5.7 Suburban	01.87- 01.89	112629	14	100/105	01.74- 01.74	110216	12	1.4
	01.74- 01.74	110505	14	75				
	01.93- 01.96	112639	14	100/105				
	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
C20 5.7	01.87- 01.89	112629	14	100/105				
	01.87- 01.89	112629	14	100/105				
C20 5.7 Suburban	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
	01.87- 01.89	112629	14	100/105				
C20 6.2	01.82- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
	01.82- 01.86	110233	14	63				
	01.84- 01.84	110471	14	94				
C20 6.2 Suburban	01.84- 01.84	110492	14	108				
	01.82- 01.86	110505	14	75				
	01.82- 01.86	110505	14	75				
C20 6.5	01.68- 01.69	110075	14	60				
C20 6.5 Suburban	01.68- 01.69	110075	14	60				
C20 6.6	01.76- 01.79	110505	14	75	01.76- 01.79	110216	12	1.4
	01.70- 01.71	110075	14	60				
C20 6.6 Suburban	01.72- 01.72	110233	14	63	01.71- 01.72	111277	12	
	01.72- 01.80	110505	14	75	01.76- 01.80	110216	12	1.4
	01.70- 01.71	110075	14	60				
C20 6.7	01.64- 01.65	110075	14	60				
C20 7.4	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
C20 7.4 Suburban	01.85- 01.86	110233	14	63	01.73- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94				
	01.73- 01.86	110505	14	75				
C2500 4.3	01.88- 01.95	110500	14	100/105	01.88- 01.95	111034	12	1.2
	01.90- 01.95	112338	14	105				
	01.93- 01.95	112639	14	100/105				
	01.88- 01.89	112640	14	100/105				
C2500 5.0	01.96- 01.99	112893	14	140	01.97- 01.99	112912	12	1.6
	01.88- 01.95	110500	14	100/105	01.94- 01.95	111034	12	1.2
	01.94- 01.95	112639	14	100/105	01.88- 01.95	110216	12	1.4
	01.90- 01.93	112338	14	105				
	01.88- 01.89	112640	14	100/105				
C2500 5.7	01.87- 01.89	112629	14	100/105	01.96- 01.00	112912	12	1.6
	01.96- 01.00	112893	14	140	01.88- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.88- 01.95	112640	14	100/105				
	01.88- 01.95	110500	14	100/105				
C2500 5.7 Suburban	01.96- 01.99	112893	14	140	01.96- 01.99	112240	12	1.7
	01.87- 01.89	112629	14	100/105	01.92- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.92- 01.95	112338	14	105				
	01.92- 01.95	110500	14	100/105				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CHEVROLET** *Continued*

C2500 6.2	01.88- 01.93	110500	14	100/105	01.89- 01.93	112341	12	2.5
	01.88- 01.93	112640	14	100/105				
C2500 6.5	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105				
C2500 6.5 Turbo	01.92- 01.00	110500	14	100/105	01.92- 01.00	112341	12	2.5
	01.93- 01.96	112639	14	100/105				
	01.92- 01.00	112640	14	100/105				
C2500 6.5 Turbo Suburban	01.94- 01.99	110500	14	100/105	01.94- 01.99	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
C2500 7.4	01.96- 01.00	112893	14	140	01.94- 01.00	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.91- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
	01.91- 01.92	110984	14	100/105				
C2500 7.4 Suburban	01.96- 01.99	112893	14	140	01.94- 01.99	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.92- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
	01.92- 01.93	110984	14	100/105				
C30 3.8	01.64- 01.65	110075	14	60				
C30 4.1	01.66- 01.71	110075	14	60	01.73- 01.80	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.80	110505	14	75				
C30 4.6	01.63- 01.67	110075	14	60	01.63- 01.67	111277	12	
C30 4.8	01.63- 01.72	110075	14	60	01.73- 01.86	110216	12	1.4
	01.73- 01.86	110505	14	75				
C30 4.8	01.74-	110505	14	75	01.74-	110216	12	1.4
C30 5.0	01.72- 01.79	110505	14	75	01.78- 01.79	110216	12	1.4
	01.86-	110508	14	78	01.68- 01.69	111277	12	
	01.86-	110471	14	94				
	01.93- 01.96	112639	14	100/105				
	01.72-	110233	14	63				
C30 5.4	01.68- 01.69	110075	14	60				
C30 5.4	01.62- 01.68	110075	14	60	01.62- 01.68	111258	12	
C30 5.7	01.83- 01.83	110471	14	94	01.72- 01.86	110216	12	1.4
	01.72- 01.86	110505	14	75	01.72-	111258	12	
	01.87- 01.89	112629	14	100/105				
	01.64- 01.71	110075	14	60				
	01.72-	110233	14	63				
C30 5.7	01.93- 01.96	112639	14	100/105				
C30 5.7	01.78- 01.78	110505	14	75				
C30 5.7	01.87- 01.89	112629	14	100/105				
C30 5.7	01.87- 01.89	112629	14	100/105	01.74-	110216	12	1.4
	01.74-	110505	14	75				
	01.93- 01.96	112639	14	100/105				
C30 6.2	01.82- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
C30 6.5	01.68- 01.69	110075	14	60				
C30 6.6	01.76- 01.79	110505	14	75	01.76- 01.79	110216	12	1.4
	01.70- 01.71	110075	14	60				
C30 6.7	01.64- 01.65	110075	14	60				
C30 7.4	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
C3500 5.7	01.87- 01.89	112629	14	100/105	01.96- 01.00	112912	12	1.6
	01.96- 01.00	112893	14	140	01.88- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.88- 01.95	112640	14	100/105				
	01.88- 01.95	110500	14	100/105				
C3500 6.2	01.88- 01.93	112640	14	100/105				
	01.88- 01.93	110500	14	100/105				
C3500 6.5 Turbo	01.97- 01.98	112893	14	140	01.92- 01.00	112341	12	2.5
	01.92- 01.00	112640	14	100/105				
	01.92- 01.00	110500	14	100/105				
	01.93- 01.96	112639	14	100/105				
C3500 6.5 Turbo HD Chassis Cab					01.01- 01.01	112341	12	2.5
C3500 7.4	01.96- 01.00	112893	14	140	01.94- 01.00	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.88- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
	01.88- 01.92	110984	14	100/105				
C3500 8.1 HD Chassis Cab	01.01- 01.02	112850	14	105	01.01- 01.01	112240	12	1.7
	01.01- 01.02	112853	14	130				
Camaro 2.5	01.82- 01.86	110235	14	80				
	01.82- 01.86	110505	14	75				
Camaro 2.8	01.82- 01.84	110235	14	80	01.82- 01.89	110221	12	1.2
	01.82- 01.84	110505	14	75	01.85- 01.89	111034	12	1.2
	01.85- 01.89	110492	14	108				
	01.85- 01.89	110508	14	78				
Camaro 3.1 RS	01.85- 01.89	110471	14	94				
Camaro 3.1 RS					01.90- 01.92	111034	12	1.2
Camaro 3.4	01.93- 01.95	111854	14	105	01.93- 01.95	111034	12	1.2
Camaro 3.8	01.80- 01.81	110505	14	75	01.80- 01.81	110414	12	
	01.80- 01.81	110235	14	80	01.99- 01.01	112900	12	1.4
	01.80- 01.81	110233	14	63	01.95- 01.97	112898	12	1.6
	01.67- 01.69	110075	14	60				
	01.95- 01.97	112615	14	105				
Camaro 3.8 RS	01.96- 01.97	112615	14	105	01.96- 01.97	112898	12	1.6
Camaro 4.1	01.72- 01.79	110233	14	63				
	01.72- 01.79	110505	14	75				
	01.67- 01.71	110075	14	60				
Camaro 4.1 LT	01.77-	110505	14	75				
Camaro 4.4	01.80- 01.81	110505	14	75	01.80- 01.81	110414	12	

## STARTERS & ALTERNATORS





Camaro 5.0	01.72- 01.87	110505	14	75		01.80- 01.84	110414	12	
	01.90- 01.92	112629	14	100/105		01.76- 01.78	110216	12	1.4
	01.81- 01.82	110235	14	80		01.84- 01.89	112910#	12	
	01.93- 01.96	112639	14	100/105		01.85- 01.86	111034	12	1.2
	01.72- 01.73	110233	14	63					
	01.67- 01.67	110075	14	60					
	01.88- 01.89	110985	14	100/105					
	01.83- 01.87	110471	14	94					
	01.85- 01.86	110508	14	78					
	01.85- 01.89	110492	14	108					
Camaro 5.0 Iroc-Z	01.90- 01.92	112629	14	100/105		01.90-	112910#	12	
	01.90-	112640	14	100/105					
	01.93- 01.96	112639	14	100/105					
Camaro 5.0 LT	01.90- 01.92	112629	14	100/105		01.76-	110216	12	1.4
	01.76-	110505	14	75					
	01.93- 01.96	112639	14	100/105					
Camaro 5.0 RS	01.90- 01.92	112629	14	100/105		01.90- 01.92	112910#	12	
	01.90- 01.92	112640	14	100/105					
Camaro 5.0 Z28	01.91- 01.92	112629	14	100/105					
	01.91- 01.92	112640	14	100/105					
Camaro 5.4	01.67- 01.67	110075	14	60					
Camaro 5.7	01.90- 01.92	112629	14	100/105		01.72- 01.81	110216	12	1.4
	01.72- 01.81	110505	14	75		01.67- 01.81	111258	12	
	01.93- 01.96	112639	14	100/105					
	01.72- 01.75	110233	14	63					
	01.67- 01.71	110075	14	60					
	01.87- 01.89	110498	14	100/105					
Camaro 5.7 Iroc-Z	01.90- 01.92	112629	14	100/105					
	01.90-	112640	14	100/105					
	01.93- 01.96	112639	14	100/105					
Camaro 5.7 LT	01.90- 01.92	112629	14	100/105		01.76- 01.77	110216	12	1.4
	01.76- 01.77	110505	14	75		01.76- 01.77	111258	12	
Camaro 5.7 SS	01.90- 01.92	112629	14	100/105		01.98- 01.02	112898	12	1.6
Camaro 5.7 Z28	01.72- 01.72	110233	14	63		01.72- 01.72	110216	12	1.4
	01.90- 01.92	112629	14	100/105		01.72- 01.72	111258	12	
	01.72- 01.72	110505	14	75		01.98- 01.02	112898	12	1.6
	01.94- 01.95	111854	14	105					
	01.93- 01.96	112639	14	100/105					
	01.91- 01.92	112640	14	100/105					
Camaro 6.5	01.67- 01.70	110075	14	60		01.67- 01.70	111277	12	
Camaro 6.6	01.72-	110233	14	63		01.70- 01.71	110216	12	1.4
	01.72-	110505	14	75		01.70- 01.71	111277	12	
	01.70- 01.71	110075	14	60					
Caprice 3.8	01.85-	110508	14	78		01.80- 01.84	110414	12	
	01.83- 01.84	110471	14	94					
	01.80- 01.84	110505	14	75					
	01.80- 01.84	110233	14	63					
	01.80- 01.84	110235	14	80					
Caprice 4.1	01.67- 01.69	110075	14	60					
	01.77- 01.79	110505	14	75					
Caprice 4.3	01.94- 01.96	112636	14	100/105					
	01.94- 01.96	111220	14	105					
	01.94- 01.96	112884	14	140					
	01.93- 01.96	112639	14	100/105					
	01.92-	112640	14	100/105					
	01.85- 01.90	110492	14	108					
	01.85- 01.90	110471	14	94					
	01.85- 01.90	110233	14	63					
	01.85- 01.90	110505	14	75					
	01.87- 01.88	110471	14	94					
	01.87- 01.88	110492	14	108					
Caprice 4.3 Classic Brougham	01.87- 01.88	110233	14	63					
	01.87- 01.88	110505	14	75					
Caprice 4.3 Classic LS	01.94-	112636	14	100/105					
	01.94-	112884	14	140					
	01.94-	111220	14	105					
	01.94- 01.96	112639	14	100/105					
Caprice 4.4	01.80- 01.82	110505	14	75		01.80- 01.82	110414	12	
	01.80- 01.82	110235	14	80					
Caprice 4.6	01.66- 01.67	110075	14	60					
Caprice 5.0	01.91- 01.93	112640	14	100/105		01.77- 01.88	110216	12	1.4
	01.93- 01.96	112639	14	100/105		01.80- 01.88	110414	12	
	01.89- 01.90	110985	14	100/105		01.68-	111258	12	
	01.86- 01.90	110508	14	78					
	01.86- 01.90	110471	14	94					
	01.86- 01.88	110492	14	108					
	01.77- 01.88	110505	14	75					
	01.80- 01.88	110235	14	80					
	01.68-	110075	14	60					
Caprice 5.0 Classic Brougham	01.89- 01.90	110985	14	100/105					
	01.87- 01.88	110492	14	108					
	01.87- 01.88	110471	14	94					
	01.87- 01.88	110508	14	78					
Caprice 5.0 Classic LS	01.93-	112640	14	100/105					
	01.93-	110500	14	100/105					
	01.93- 01.96	112639	14	100/105					
Caprice 5.0 Classic LTZ	01.91- 01.92	112640	14	100/105					
Caprice 5.4	01.66- 01.67	110075	14	60		01.68-	111258	12	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CHEVROLET** *Continued*

Caprice 5.7	01.93- 01.96	112639	14	100/105	01.94-	112897	12	1.7
	01.91-	110500	14	100/105	01.72- 01.93	110216	12	1.4
	01.91- 01.93	112640	14	100/105	01.69- 01.82	111258	12	
	01.94- 01.96	111220	14	105				
	01.93- 01.96	112884	14	140				
	01.94- 01.96	112636	14	100/105				
	01.81- 01.88	110235	14	80				
	01.85- 01.88	110492	14	108				
	01.72- 01.82	110505	14	75				
	01.72-	110233	14	63				
01.69- 01.71	110075	14	60					
Caprice 5.7 Classic LTZ	01.91- 01.93	112640	14	100/105	01.91- 01.93	110216	12	1.4
	01.93- 01.93	112639	14	100/105				
Caprice 5.7 LS	01.94-	112636	14	100/105	01.94-	112897	12	1.7
	01.94-	111220	14	105				
	01.94-	112884	14	140				
	01.94- 01.96	112639	14	100/105				
Caprice 5.7	01.84- 01.85	110508	14	78				
	01.84- 01.85	110471	14	94				
	01.80- 01.83	110505	14	75				
	01.80- 01.83	110235	14	80				
Caprice 6.5	01.66- 01.69	110075	14	60	01.68- 01.69	111277	12	
Caprice 6.6	01.72- 01.76	110505	14	75	01.70- 01.76	111258	12	
	01.72-	110233	14	63	01.70- 01.76	110216	12	1.4
	01.70- 01.71	110075	14	60	01.71-	111277	12	
Caprice 7.0	01.66- 01.69	110075	14	60	01.68- 01.69	111277	12	
Caprice 7.4	01.72- 01.75	110505	14	75	01.70- 01.75	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.70- 01.75	111258	12	
	01.72-	110233	14	63				
	01.70- 01.71	110075	14	60				
Cavalier 2.0	01.83- 01.86	110492	14	108	01.87- 01.89	112911	12	1.6
	01.87- 01.89	111388	14	100/105				
	01.87- 01.89	110503	14	100/105				
	01.85-	110508	14	78				
Cavalier 2.0 CL	01.85-	110508	14	78				
	01.83-	110492	14	108				
	01.83- 01.86	110492	14	108	01.87-	112911	12	1.6
Cavalier 2.0 CS	01.87-	110503	14	100/105				
	01.85-	110508	14	78				
	01.87- 01.88	110503	14	100/105	01.87- 01.88	112911	12	1.6
Cavalier 2.0 RS	01.86-	110492	14	108				
	01.83- 01.85	110492	14	108	01.83- 01.85	112911	12	1.6
Cavalier 2.0 Type-10	01.85-	110508	14	78				
	01.88-	110503	14	100/105	01.88-	112911	12	1.6
Cavalier 2.2	01.87-	110503	14	100/105	01.98- 01.01	112900	12	1.4
Cavalier 2.2 LS	01.90- 01.98	112911	12	1.6				
	01.95- 01.98	112911	12	1.6				
	01.98- 01.98	112900	12	1.4				
Cavalier 2.2 RS	01.91- 01.93	110503	14	100/105	01.91- 01.98	112911	12	1.6
	01.98- 01.98	112900	12	1.4				
	01.90- 01.93	110503	14	100/105	01.90- 01.93	112911	12	1.6
Cavalier 2.8	01.87- 01.89	111388	14	100/105	01.85- 01.89	110221	12	1.2
	01.85- 01.89	110505	14	75	01.85- 01.89	112911	12	1.6
	01.85- 01.89	110471	14	94				
Cavalier 2.8 CS	01.85-	110508	14	78	01.85- 01.87	110221	12	1.2
	01.85- 01.87	110471	14	94	01.85- 01.87	112911	12	1.6
	01.85- 01.87	110505	14	75				
Cavalier 2.8 RS	01.86- 01.88	110505	14	75	01.86- 01.88	110221	12	1.2
	01.86- 01.88	110471	14	94	01.86- 01.88	112911	12	1.6
	01.85-	110505	14	75	01.85-	110221	12	1.2
Cavalier 2.8 Type-10	01.85-	110471	14	94	01.85-	112911	12	1.6
	01.87- 01.89	111388	14	100/105	01.86- 01.89	110221	12	1.2
	01.86- 01.89	110505	14	75	01.86- 01.89	112911	12	1.6
Cavalier 2.8 Z24	01.86- 01.89	110471	14	94				
	01.90- 01.94	111388	14	100/105	01.90- 01.94	112911	12	1.6
	01.91- 01.94	111388	14	100/105	01.91- 01.94	112911	12	1.6
Cavalier 3.1	01.90- 01.94	111388	14	100/105	01.90- 01.94	112911	12	1.6
Cavalier 3.1 RS	01.91- 01.94	111388	14	100/105	01.91- 01.94	112911	12	1.6
Cavalier 3.1 Z24	01.90- 01.94	111388	14	100/105	01.90- 01.94	112911	12	1.6
Celebrity 2.5	01.83- 01.90	110471	14	94				
	01.82- 01.90	110505	14	75				
	01.82- 01.90	110235	14	80				
	01.87- 01.90	110499	14	100/105				
Celebrity 2.8	01.84- 01.89	110492	14	108	01.82- 01.89	110221	12	1.2
	01.85- 01.89	110471	14	94	01.84- 01.89	112911	12	1.6
	01.84- 01.89	110508	14	78				
	01.82- 01.86	110235	14	80				
	01.82- 01.86	110505	14	75				
Celebrity 3.1	01.90-	111388	14	100/105	01.90-	112911	12	1.6
Celebrity 4.3	01.84- 01.85	110508	14	78				
	01.84- 01.85	110471	14	94				
	01.82- 01.85	110505	14	75				
	01.82- 01.85	110233	14	63				
	01.82- 01.83	110235	14	80				
Chevelle 1.4	01.76- 01.77	110492	14	108				
Chevelle 1.4 Scooter	01.76- 01.76	110492	14	108				
Chevelle 1.6	01.76- 01.84	110492	14	108				
Chevelle 1.6 CS	01.84- 01.87	110492	14	108				
Chevelle 1.6 Scooter	01.76- 01.83	110492	14	108				
Chevelle 3.2	01.64- 01.66	110075	14	60				
Chevelle 3.8	01.64- 01.67	110075	14	60				
Chevelle 3.8 300	01.68-	110075	14	60				
Chevelle 3.8 300 Deluxe	01.68-	110075	14	60				
Chevelle 3.8 Concours	01.68-	110075	14	60				
Chevelle 3.8 Greenbrier	01.69-	110075	14	60				
Chevelle 3.8 Malibu	01.68- 01.69	110075	14	60				
Chevelle 3.8 Nomad	01.68- 01.69	110075	14	60				

## STARTERS & ALTERNATORS



Chevelle 4.1	01.67- 01.71	110075	14 60			
	01.72-	110233	14 63			
	01.72-	110505	14 75			
Chevelle 4.1 300	01.68-	110075	14 60			
Chevelle 4.1 300 Deluxe	01.68-	110075	14 60			
Chevelle 4.1 Concours	01.68- 01.71	110075	14 60			
Chevelle 4.1 Deluxe	01.73-	110505	14 75			
Chevelle 4.1 Greenbrier	01.69- 01.71	110075	14 60			
Chevelle 4.1 Malibu	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.68- 01.71	110075	14 60			
Chevelle 4.1 Nomad	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.68- 01.71	110075	14 60			
Chevelle 4.6	01.64- 01.67	110075	14 60			
Chevelle 5.0	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.93- 01.96	112639	14 100/105			
	01.70-	110075	14 60			
Chevelle 5.0 300	01.68-	110075	14 60			
	01.93- 01.96	112639	14 100/105			
Chevelle 5.0 300 Deluxe	01.69-	110075	14 60			
	01.93- 01.96	112639	14 100/105			
Chevelle 5.0 Concours	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.93- 01.96	112639	14 100/105			
	01.69-	110075	14 60			
Chevelle 5.0 Deluxe	01.73-	110505	14 75			
	01.93- 01.96	112639	14 100/105			
Chevelle 5.0 Greenbrier	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.93- 01.96	112639	14 100/105			
	01.69-	110075	14 60			
Chevelle 5.0 Malibu	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.93- 01.96	112639	14 100/105			
	01.68-	110075	14 60			
Chevelle 5.0 Nomad	01.72-	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.93- 01.96	112639	14 100/105			
	01.68-	110075	14 60			
Chevelle 5.4	01.64- 01.67	110075	14 60	01.64- 01.67	111258	12
Chevelle 5.4 300	01.68-	110075	14 60	01.68-	111258	12
Chevelle 5.4 Malibu	01.68-	110075	14 60	01.68-	111258	12
Chevelle 5.4 Nomad	01.68-	110075	14 60	01.68-	111258	12
Chevelle 5.7	01.72-	110233	14 63	01.70- 01.71	111258	12
	01.72- 01.72	110505	14 75	01.70- 01.71	110216	12 1.4
	01.93- 01.96	112639	14 100/105	01.70- 01.71	111277	12
	01.70- 01.71	110075	14 60			
Chevelle 5.7 300 Deluxe	01.69-	110075	14 60	01.69-	111258	12
	01.93- 01.96	112639	14 100/105			
Chevelle 5.7 Concours	01.72-	110233	14 63	01.72-	110216	12 1.4
	01.72- 01.72	110505	14 75	01.69- 01.71	111258	12
	01.93- 01.96	112639	14 100/105			
	01.69- 01.71	110075	14 60			
Chevelle 5.7 Deluxe	01.73-	110505	14 75	01.73-	111258	12
	01.93- 01.96	112639	14 100/105	01.73-	110216	12 1.4
Chevelle 5.7 Greenbrier	01.72-	110233	14 63	01.72-	110216	12 1.4
	01.72- 01.72	110505	14 75	01.69- 01.71	111258	12
	01.93- 01.96	112639	14 100/105	01.78- 01.78	110414	12
	01.69- 01.71	110075	14 60			
Chevelle 5.7 Malibu	01.72-	110233	14 63	01.72-	110216	12 1.4
	01.72- 01.72	110505	14 75	01.69- 01.71	111258	12
	01.93- 01.96	112639	14 100/105			
	01.69- 01.71	110075	14 60			
Chevelle 5.7 Nomad	01.72-	110233	14 63	01.69- 01.71	111258	12
	01.72- 01.72	110505	14 75	01.72-	110216	12 1.4
	01.93- 01.96	112639	14 100/105			
	01.69- 01.71	110075	14 60			
Chevelle 6.5	01.67- 01.67	110505	14 75	01.67- 01.67	111277	12
	01.67- 01.67	110235	14 80			
	01.67- 01.67	110075	14 60			
Chevelle 6.5 300	01.68-	110075	14 60	01.68-	111277	12
Chevelle 6.5 300 Deluxe	01.69-	110075	14 60	01.69-	111277	12
Chevelle 6.5 Concours	01.69-	110075	14 60	01.69-	111277	12
Chevelle 6.5 Greenbrier	01.69-	110075	14 60	01.69-	111277	12
Chevelle 6.5 Malibu	01.68- 01.69	110075	14 60	01.68- 01.69	111277	12
Chevelle 6.5 Nomad	01.68- 01.69	110075	14 60	01.68- 01.69	111277	12
Chevelle 6.5 SS	01.66- 01.68	110075	14 60	01.66- 01.68	111277	12
Chevelle 6.6	01.72-	110233	14 63	01.70-	111277	12
	01.72- 01.72	110505	14 75	01.70-	110216	12 1.4
	01.70-	110075	14 60	01.70-	111258	12
Chevelle 6.6 Concours	01.72-	110233	14 63	01.70-	110216	12 1.4
	01.72- 01.72	110505	14 75	01.70-	111277	12
	01.70-	110075	14 60	01.70-	111258	12
Chevelle 6.6 Greenbrier	01.72-	110233	14 63	01.70-	111277	12
	01.72- 01.72	110505	14 75	01.70-	110216	12 1.4
	01.70-	110075	14 60	01.70-	111258	12
Chevelle 6.6 Malibu	01.72-	110233	14 63	01.70- 01.71	110216	12 1.4
	01.72-	110505	14 75	01.70-	111277	12
	01.70- 01.71	110075	14 60	01.70- 01.71	111258	12
Chevelle 6.6 Nomad	01.72-	110233	14 63	01.70-	110216	12 1.4
	01.72- 01.72	110505	14 75	01.70-	111277	12
	01.70-	110075	14 60	01.70-	111258	12
Chevelle 6.6 SS	01.71- 01.71	110075	14 60			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**CHEVROLET** *Continued*

Chevelle 7.4	01.72-	110233	14 63	01.72-	111277	12
	01.72- 01.72	110505	14 75	01.72-	110216	12 1.4
	01.93- 01.96	112639	14 100/105			
Chevelle 7.4 Deluxe	01.73-	110505	14 75	01.73-	110216	12 1.4
	01.93- 01.96	112639	14 100/105	01.73-	111277	12
Chevelle 7.4 Malibu	01.72-	110233	14 63	01.70- 01.71	110216	12 1.4
	01.72- 01.72	110505	14 75	01.70- 01.71	111277	12
	01.93- 01.96	112639	14 100/105			
	01.68- 01.71	110075	14 60			
Chevy 2.5	01.62- 01.67	110075	14 60			
Chevy 2.5 Nova	01.68-	110075	14 60			
Chevy 3.2	01.62- 01.67	110075	14 60			
Chevy 3.8	01.64- 01.66	110075	14 60			
Chevy 3.8 Nova	01.68- 01.69	110075	14 60			
Chevy 4.1	01.67- 01.67	110075	14 60			
Chevy 4.1 Nova	01.68- 01.69	110075	14 60			
Chevy 4.6	01.62- 01.67	110075	14 60			
Chevy 5.0 Nova	01.68-	110075	14 60			
	01.93- 01.96	112639	14 100/105			
Chevy 5.4	01.65- 01.67	110075	14 60			
Chevy 5.4 Nova	01.68-	110075	14 60			
Chevy 5.7 Nova	01.68-	110075	14 60	01.69-	111258	12
	01.93- 01.96	112639	14 100/105			
Chevy 6.5 Nova	01.68- 01.71	110075	14 60	01.68- 01.69	111277	12
Citation 2.5	01.80- 01.83	110505	14 75	01.80- 01.81	110221	12 1.2
	01.83-	110471	14 94			
	01.80- 01.83	110235	14 80			
Citation 2.8	01.83- 01.85	110508	14 78	01.80- 01.85	110221	12 1.2
	01.85-	110471	14 94	01.83- 01.84	112911	12 1.6
	01.80- 01.85	110505	14 75			
	01.80- 01.85	110235	14 80			
Corsica 2.0	01.87- 01.89	110503	14 100/105	01.87- 01.89	112911	12 1.6
Corsica 2.2	01.94- 01.95	110500	14 100/105	01.94- 01.95	112911	12 1.6
Corsica 2.2 LT	01.93-	110500	14 100/105	01.90- 01.91	112911	12 1.6
	01.90- 01.91	110503	14 100/105			
Corsica 2.8	01.87- 01.89	111388	14 100/105	01.87- 01.89	110221	12 1.2
Corsica 2.8 LTZ				01.87- 01.89	112911	12 1.6
	01.89-	111388	14 100/105	01.89-	110221	12 1.2
				01.89-	112911	12 1.6
Corsica 3.1				01.94- 01.95	112911	12 1.6
Corsica 3.1 LT	01.90- 01.93	111388	14 100/105	01.90- 01.93	112911	12 1.6
Corsica 3.1 LTZ	01.90-	111388	14 100/105	01.90-	112911	12 1.6
Corvair 2.7	01.64- 01.67	110075	14 60			
Corvair 2.7 500	01.68- 01.69	110075	14 60			
Corvair 2.7 Monza	01.68- 01.69	110075	14 60			
Corvair 2.7 Turbo	01.64- 01.66	110075	14 60			
Corvette 3.9	01.55- 01.55	110505	14 75			
Corvette 5.0	01.80-	110235	14 80	01.80-	110216	12 1.4
	01.80-	110233	14 63			
	01.80- 01.80	110505	14 75			
	01.93- 01.96	112639	14 100/105			
Corvette 5.4	01.63- 01.70	110075	14 60	01.63- 01.67	111258	12
Corvette 5.7	01.93- 01.96	112639	14 100/105	01.97- 01.03	112898	12 1.6
	01.88- 01.91	111090	14 105	01.72- 01.81	110216	12 1.4
	01.84- 01.87	110492	14 108	01.69- 01.81	111258	12
	01.80- 01.81	110235	14 80			
	01.69- 01.81	110233	14 63			
	01.69- 01.81	110505	14 75			
Corvette 5.7 Z06				01.01- 01.03	112898	12 1.6
Corvette 5.7 ZR-1	01.93- 01.95	112639	14 100/105			
Corvette 7.0	01.66- 01.67	110075	14 60	01.66- 01.69	111277	12
	01.68- 01.69	110505	14 75			
Corvette 7.4	01.70- 01.74	110233	14 63	01.70- 01.74	110216	12 1.4
	01.70- 01.74	110505	14 75	01.70- 01.74	111258	12
	01.93- 01.96	112639	14 100/105			
Del Ray 3.9				01.58- 01.58	111258	12
Del Ray 4.6				01.58- 01.58	111258	12
Del Ray 5.7				01.58- 01.58	111258	12
El Camino 3.3	01.78- 01.79	110233	14 63	01.78- 01.79	110414	12
	01.78- 01.79	110505	14 75			
El Camino 3.8	01.64- 01.69	110075	14 60	01.80- 01.82	110414	12
	01.80- 01.84	110233	14 63			
	01.80- 01.84	110235	14 80			
	01.78- 01.84	110505	14 75			
	01.68- 01.69	110075	14 60			
El Camino 3.8 Custom	01.68- 01.69	110075	14 60			
El Camino 4.1	01.72- 01.77	110505	14 75	01.75- 01.77	110216	12 1.4
	01.72- 01.77	110233	14 63			
	01.68- 01.71	110075	14 60			
El Camino 4.1 Custom	01.72- 01.73	110505	14 75			
	01.72-	110233	14 63			
	01.68- 01.71	110075	14 60			
El Camino 4.3	01.85- 01.87	110471	14 94			
	01.85- 01.87	110233	14 63			
El Camino 4.4	01.79- 01.82	110505	14 75	01.79- 01.82	110414	12
El Camino 4.6	01.64- 01.67	110075	14 60			
El Camino 5.0	01.72- 01.87	110505	14 75	01.79- 01.87	110414	12
	01.68- 01.71	110075	14 60	01.76- 01.78	110216	12 1.4
	01.93- 01.96	112639	14 100/105			
	01.72-	110233	14 63			
El Camino 5.0 Custom	01.72- 01.72	110233	14 63			
	01.72- 01.72	110505	14 75			
	01.68- 01.70	110075	14 60			
	01.93- 01.96	112639	14 100/105			
	01.72-	110233	14 63			
El Camino 5.4	01.64- 01.67	110075	14 60	01.64- 01.67	111258	12
El Camino 5.4 Custom	01.68-	110075	14 60	01.68-	111258	12

## STARTERS & ALTERNATORS



El Camino 5.7	01.72- 01.79	110505	14	75	01.72- 01.79	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.69- 01.79	111258	12	
	01.72- 01.75	110233	14	63				
	01.69- 01.71	110075	14	60				
El Camino 5.7 Custom	01.72- 01.76	110505	14	75	01.72- 01.76	110216	12	1.4
	01.72- 01.75	110233	14	63	01.69- 01.76	111258	12	
	01.93- 01.96	112639	14	100/105				
	01.69- 01.71	110075	14	60				
El Camino 5.7	01.83-	110471	14	94				
	01.83-	110508	14	78				
	01.93- 01.96	112639	14	100/105				
	01.83-	110235	14	80				
	01.83-	110505	14	75				
El Camino 6.5	01.93- 01.96	112639	14	100/105				
	01.66- 01.67	110075	14	60				
El Camino 6.5 Custom	01.69-	110075	14	60				
El Camino 6.6	01.72- 01.76	110505	14	75	01.70- 01.76	110216	12	1.4
	01.72- 01.72	110233	14	63	01.70- 01.76	111258	12	
	01.70- 01.71	110075	14	60	01.71- 01.72	111277	12	
El Camino 6.6 Custom	01.72- 01.76	110505	14	75	01.70- 01.76	110216	12	1.4
	01.72-	110233	14	63	01.70- 01.76	111258	12	
	01.70-	110075	14	60	01.71-	111277	12	
El Camino 7.4	01.73- 01.74	110505	14	75	01.70- 01.74	110216	12	1.4
	01.70-	110075	14	60	01.70- 01.74	111258	12	
	01.93- 01.96	112639	14	100/105				
El Camino 7.4 Custom	01.72- 01.75	110505	14	75	01.70- 01.75	110216	12	1.4
	01.72-	110233	14	63	01.70- 01.75	111258	12	
	01.93- 01.96	112639	14	100/105				
	01.70- 01.71	110075	14	60				
Express 4.3 1500	01.01- 01.02	112853	14	130	01.99- 01.02	112241	12	1.5
	01.99- 01.00	112893	14	140	01.99- 01.00	112912	12	1.6
Express 4.3 2500	01.01- 01.02	112853	14	130	01.99- 01.02	112241	12	1.5
	01.99- 01.00	112893	14	140	01.99- 01.00	112912	12	1.6
Express 4.8 2500	01.03-	112853	14	130				
Express 5.0 1500	01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
	01.99- 01.01	112893	14	140				
	01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
Express 5.0 2500	01.99- 01.01	112893	14	140				
	01.03-	112853	14	130				
Express 5.3 1500	01.03-	112853	14	130				
	01.03-	112853	14	130				
Express 5.7 1500	01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
	01.99- 01.01	112893	14	140				
	01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
Express 5.7 2500	01.99- 01.01	112893	14	140				
	01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
	01.99- 01.01	112893	14	140				
Express 5.7 3500	01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
	01.99- 01.01	112893	14	140				
Express 6.0 2500	01.03-	112853	14	130				
Express 6.0 3500	01.03-	112853	14	130				
Express 6.5 Turbo 2500	01.99- 01.02	112893	14	140	01.99- 01.02	112341	12	2.5
Express 6.5 Turbo 3500	01.99- 01.02	112893	14	140	01.99- 01.02	112341	12	2.5
Express 7.4 3500	01.99- 01.00	112893	14	140	01.99- 01.00	112240	12	1.7
Express 8.1 3500	01.01- 01.02	112853	14	130	01.01- 01.02	112240	12	1.7
G10 2.5	01.64- 01.65	110075	14	60				
G10 3.8	01.66- 01.67	110075	14	60				
G10 3.8 Sportvan	01.68- 01.69	110075	14	60				
G10 4.1	01.67- 01.71	110075	14	60	01.76- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.84	110505	14	75				
G10 4.1 Sportvan	01.68- 01.71	110075	14	60	01.76- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.84	110505	14	75				
G10 4.3	01.91-	112629	14	100/105	01.91- 01.97	111034	12	1.2
	01.96- 01.97	112893	14	140	01.85- 01.90	110216	12	1.4
	01.87- 01.95	112640	14	100/105				
	01.87- 01.95	110500	14	100/105				
	01.87- 01.90	110471	14	94				
	01.85- 01.90	110233	14	63				
	01.85- 01.90	110505	14	75				
G10 4.3 Express	01.96-	111712	14	105	01.96- 01.97	111034	12	1.2
	01.94- 01.96	112639	14	100/105				
	01.91-	112629	14	100/105				
	01.96- 01.97	112893	14	140				
G10 4.3 Sportvan	01.91-	112629	14	100/105	01.91- 01.93	111034	12	1.2
	01.87- 01.93	112640	14	100/105	01.85- 01.90	110216	12	1.4
	01.87- 01.93	110500	14	100/105				
	01.87- 01.90	110471	14	94				
	01.85- 01.90	110233	14	63				
	01.85- 01.90	110505	14	75				
G10 5.0	01.69- 01.69	110075	14	60	01.69- 01.69	111258	12	
	01.87- 01.95	110471	14	94	01.96- 01.97	111034	12	1.2
	01.87- 01.95	112640	14	100/105	01.70- 01.95	110216	12	1.4
	01.87- 01.95	110500	14	100/105				
	01.93- 01.96	112639	14	100/105				
	01.72- 01.86	110505	14	75				
	01.72-	110233	14	63				
G10 5.0 Express	01.96-	111712	14	105	01.96- 01.97	111034	12	1.2
G10 5.0 Sportvan	01.68- 01.71	110075	14	60	01.68- 01.71	111258	12	
	01.87- 01.93	110471	14	94	01.70- 01.93	110216	12	1.4
	01.87- 01.93	112640	14	100/105				
	01.87- 01.93	110500	14	100/105				
	01.72- 01.86	110505	14	75				
	01.93- 01.96	112639	14	100/105				
	01.72-	110233	14	63				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CHEVROLET** *Continued*

G10 5.7	01.94- 01.95	111711	14	105	01.72- 01.95	110216	12	1.4
	01.87- 01.91	112629	14	100/105	01.94- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.70- 01.72	111258	12	
	01.72- 01.72	110233	14	63				
	01.72- 01.84	110505	14	75				
	01.70- 01.71	110075	14	60				
	01.96- 01.97	112893	14	140				
G10 5.7 Express	01.87- 01.91	112629	14	100/105	01.96- 01.97	112240	12	1.7
	01.96- 01.97	112893	14	140				
	01.96- 12.96	112639	14	100/105				
G10 5.7 Sportvan	01.72- 01.72	110233	14	63	01.72- 01.93	110216	12	1.4
	01.87- 01.91	112629	14	100/105	01.70- 01.72	111258	12	
	01.72- 01.86	110505	14	75				
	01.85- 01.86	110471	14	94				
	01.87- 01.93	110500	14	100/105				
	01.87- 01.93	112640	14	100/105				
	01.93- 01.96	112639	14	100/105				
	01.70- 01.71	110075	14	60				
G10 7.4	01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
G1500 4.3	01.98- 01.98	112893	14	140	01.98- 01.98	112912	12	1.6
	01.91-	112629	14	100/105				
G1500 5.0	01.98- 01.98	112893	14	140	01.98- 01.98	112912	12	1.6
G1500 5.7	01.98- 01.98	112893	14	140	01.94- 01.98	112240	12	1.7
	01.87- 01.91	112629	14	100/105				
G20 3.8	01.67- 01.69	110075	14	60				
G20 3.8 Sportvan	01.68- 01.69	110075	14	60				
G20 4.1	01.68- 01.71	110075	14	60	01.77- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.84	110505	14	75				
G20 4.1 Sportvan	01.68- 01.71	110075	14	60	01.78- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.84	110505	14	75				
G20 4.3	01.91-	112629	14	100/105	01.91- 01.97	111034	12	1.2
	01.96- 01.97	112893	14	140	01.85- 01.90	110216	12	1.4
	01.87- 01.95	112640	14	100/105				
	01.87- 01.95	110500	14	100/105				
	01.93- 01.95	112639	14	100/105				
	01.85- 01.90	110233	14	63				
	01.87- 01.90	110471	14	94				
	01.85- 01.90	110505	14	75				
G20 4.3 Sportvan	01.91-	112629	14	100/105	01.91- 01.95	111034	12	1.2
	01.87- 01.95	112640	14	100/105	01.85- 01.90	110216	12	1.4
	01.87- 01.95	110500	14	100/105				
	01.93- 01.95	112639	14	100/105				
	01.87- 01.90	110471	14	94				
	01.85- 01.90	110233	14	63				
G20 4.8	01.73- 01.80	110505	14	75	01.73- 01.80	110216	12	1.4
	01.75- 01.78	110505	14	75	01.75- 01.78	110216	12	1.4
G20 4.8 Sportvan	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
G20 5.0	01.96- 01.97	112893	14	140	01.97- 01.97	112912	12	1.6
	01.68- 01.69	110075	14	60	01.96- 01.96	111034	12	1.2
	01.87- 01.95	112640	14	100/105	01.68- 01.69	111258	12	
	01.87- 01.95	110500	14	100/105	01.77- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.77- 01.86	110505	14	75				
G20 5.0 Express	01.96- 01.97	112893	14	140	01.96- 01.97	111034	12	1.2
G20 5.0 Sportvan	01.68- 01.69	110075	14	60	01.68- 01.69	111258	12	
	01.87- 01.95	110500	14	100/105	01.77- 01.95	110216	12	1.4
	01.87- 01.95	112640	14	100/105				
	01.93- 01.96	112639	14	100/105				
	01.77- 01.86	110505	14	75				
	01.83- 01.86	110471	14	94				
G20 5.7	01.72- 01.72	110233	14	63	01.72- 01.95	110216	12	1.4
	01.87- 01.91	112629	14	100/105	01.70- 01.72	111258	12	
	01.72- 01.86	110505	14	75	01.96- 01.97	112240	12	1.7
	01.96- 01.97	112893	14	140				
	01.93- 01.96	112639	14	100/105				
	01.87- 01.95	110500	14	100/105				
	01.87- 01.95	112640	14	100/105				
	01.70- 01.71	110075	14	60				
G20 5.7 Express	01.87- 01.91	112629	14	100/105	01.96- 01.97	112240	12	1.7
	01.96- 01.97	112893	14	140				
	01.96- 01.96	112639	14	100/105				
G20 5.7 Sportvan	01.72- 01.72	110233	14	63	01.72- 01.95	110216	12	1.4
	01.87- 01.91	112629	14	100/105	01.70- 01.72	111258	12	
	01.72- 01.86	110505	14	75				
	01.87- 01.95	112640	14	100/105				
	01.87- 01.95	110500	14	100/105				
	01.93- 01.96	112639	14	100/105				
	01.84- 01.86	112448	14	100				
	01.84- 01.86	110499	14	100/105				
	01.84- 01.86	110508	14	78				
	01.70- 01.71	110075	14	60				
G20 5.7	01.87- 01.91	112629	14	100/105				
	01.93- 01.96	112639	14	100/105				
	01.74-	110505	14	75				
G20 6.2	01.83- 01.93	110233	14	63				
	01.83- 01.93	110505	14	75				
G20 6.2 Sportvan	01.83- 01.93	110233	14	63				
	01.83- 01.93	110505	14	75				
G20 6.5	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105				
G20 6.5 Sportvan	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105				

## STARTERS & ALTERNATORS





G20 6.5 Turbo	01.96- 01.97	112893	14	140	01.96- 01.97	112341	12	2.5
	01.96- 01.96	112639	14	100/105				
G20 6.5 Turbo Express	01.97-	112893	14	140	01.97-	112341	12	2.5
G20 6.6	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
G20 6.6 Sportvan	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
G20 7.4	01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
G2500 4.3	01.98- 01.98	112893	14	140	01.98- 01.98	112912	12	1.6
	01.91-	112629	14	100/105				
G2500 5.0	01.98- 01.98	112893	14	140	01.98- 01.98	112912	12	1.6
G2500 5.7	01.98- 01.98	112893	14	140	01.98- 01.98	112240	12	1.7
	01.87- 01.91	112629	14	100/105				
G2500 6.5 Turbo	01.98- 01.98	112893	14	140	01.98- 01.98	112341	12	2.5
G30 4.1	01.71- 01.71	110075	14	60	01.76- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.84	110505	14	75				
G30 4.1 Sportvan	01.71- 01.71	110075	14	60				
	01.72- 01.72	110233	14	63				
	01.72- 01.74	110505	14	75				
G30 4.3	01.91-	112629	14	100/105	01.91- 01.95	111034	12	1.2
	01.96-	111711	14	105	01.85- 01.90	110216	12	1.4
	01.87- 01.95	112640	14	100/105				
	01.87- 01.95	110500	14	100/105				
	01.93- 01.95	112639	14	100/105				
	01.85- 01.90	110233	14	63				
	01.87- 01.90	110471	14	94				
	01.85- 01.90	110505	14	75				
G30 4.8	01.74- 01.79	110505	14	75	01.74- 01.79	110216	12	1.4
G30 4.8 Sportvan	01.75- 01.78	110505	14	75	01.75- 01.78	110216	12	1.4
G30 4.8	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
G30 5.0	01.78- 01.85	110505	14	75	01.78- 01.85	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
G30 5.7	01.71- 01.71	110075	14	60	01.71- 01.72	111258	12	
	01.87- 01.91	112629	14	100/105	01.72- 01.96	110216	12	1.4
	01.72- 01.72	110233	14	63	01.96- 01.97	112240	12	1.7
	01.72- 01.88	110505	14	75				
	01.96- 01.97	112893	14	140				
	01.93- 01.96	112639	14	100/105				
	01.87- 01.96	112640	14	100/105				
	01.87- 01.96	110500	14	100/105				
G30 5.7 Express	01.87- 01.91	112629	14	100/105	01.96- 01.97	112240	12	1.7
	01.96- 01.97	112893	14	140				
	01.96- 01.96	112639	14	100/105				
G30 5.7 Sportvan	01.72- 01.72	110233	14	63	01.72- 01.96	110216	12	1.4
	01.81- 01.91	112629	14	100/105	01.71- 01.72	111258	12	
	01.72- 01.86	110505	14	75				
	01.87- 01.96	112640	14	100/105				
	01.87- 01.96	110500	14	100/105				
	01.93- 01.96	112639	14	100/105				
	01.71-	110075	14	60				
G30 6.2	01.92- 01.92	110984	14	100/105	01.92- 01.92	112341	12	2.5
	01.83- 01.93	110233	14	63				
	01.83- 01.93	110505	14	75				
G30 6.2 Sportvan	01.83- 01.93	110233	14	63				
	01.83- 01.93	110505	14	75				
G30 6.5	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
G30 6.5 Sportvan	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
G30 6.5 Turbo	01.96- 01.97	112893	14	140	01.96- 01.97	112341	12	2.5
	01.96- 01.96	112639	14	100/105				
G30 6.5 Turbo Express	01.96- 01.97	112893	14	140	01.96- 01.97	112341	12	2.5
	01.96- 01.96	112639	14	100/105				
G30 6.6	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
G30 6.6 Sportvan	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
G30 7.4	01.97-	112893	14	140	01.96-	112240	12	1.7
	01.96-	111711	14	105	01.73- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.88- 01.95	110984	14	100/105				
	01.73- 01.75	110505	14	75				
G30 7.4 Express	01.96- 01.97	112893	14	140	01.96- 01.97	112240	12	1.7
	01.96- 01.96	112639	14	100/105				
G30 7.4 Sportvan	01.96-	111711	14	105	01.96-	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.88- 01.95	110216	12	1.4
	01.88- 01.95	110984	14	100/105				
G3500 5.7	01.98- 01.98	112893	14	140	01.96- 01.98	112240	12	1.7
	01.87- 01.91	112629	14	100/105				
G3500 6.5 Turbo	01.98- 01.98	112893	14	140	01.98- 01.98	112341	12	2.5
G3500 7.4	01.98- 01.98	112893	14	140	01.98- 01.98	112240	12	1.7
HHR 2.4 [LES]					08.04-	115575	12	1.4
Impala 3.4					01.00- 01.00	112900	12	1.4
Impala 3.8	01.63- 01.65	110075	14	60	01.00- 01.02	112900	12	1.4
	01.80- 01.84	110505	14	75	01.80- 01.84	110414	12	
	01.85-	110508	14	78				
	01.83- 01.84	110471	14	94				
	01.80- 01.84	110233	14	63				
	01.80- 01.84	110235	14	80				
Impala 4.1	01.72- 01.79	110233	14	63				
	01.72- 01.79	110505	14	75				
	01.65- 01.71	110075	14	60				
Impala 4.1 Custom	01.77-	110505	14	75				
Impala 4.3	01.85- 01.85	110505	14	75				
	01.93- 01.96	112639	14	100/105				
	01.85-	110233	14	63				
	01.85-	110471	14	94				
	01.85-	110492	14	108				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CHEVROLET** *Continued*

Impala 4.4	01.80- 01.82	110505	14 75	01.80- 01.82	110414	12
	01.80- 01.82	110235	14 80			
Impala 4.6	01.63- 01.67	110075	14 60			
Impala 5.0	01.68-	110075	14 60	01.77- 01.85	110216	12 1.4
	01.93- 01.96	112639	14 100/105	01.80- 01.85	110414	12
	01.77- 01.85	110505	14 75	01.68-	111258	12
	01.80- 01.85	110235	14 80			
Impala 5.0 Custom	01.77-	110505	14 75	01.77-	110216	12 1.4
	01.93- 01.96	112639	14 100/105			
Impala 5.4	01.63- 01.67	110075	14 60	01.63- 01.67	111258	12
Impala 5.7	01.72- 01.75	110233	14 63	01.72- 01.85	110216	12 1.4
	01.72- 01.85	110505	14 75	01.69- 01.82	111258	12
	01.69- 01.71	110075	14 60			
	01.83- 01.85	110471	14 94			
	01.93- 01.96	112639	14 100/105			
Impala 5.7 Custom	01.76- 01.77	110505	14 75	01.76- 01.77	110216	12 1.4
	01.93- 01.96	112639	14 100/105			
Impala 5.7 SS	01.94- 01.96	112636	14 100/105			
	01.94- 01.96	112639	14 100/105			
	01.94- 01.96	111220	14 105			
	01.94- 01.96	112884	14 140			
Impala 5.7	01.83- 01.87	110471	14 94			
	01.84- 01.85	110508	14 78			
	01.80- 01.83	110505	14 75			
	01.80- 01.83	110235	14 80			
Impala 6.5	01.66- 01.69	110075	14 60	01.66- 01.69	111277	12
Impala 6.6	01.70- 01.71	110075	14 60	01.70- 01.76	111258	12
	01.72- 01.76	110505	14 75	01.70- 01.76	110216	12 1.4
	01.72- 01.74	110233	14 63			
Impala 6.6 Custom	01.76- 01.76	110505	14 75	01.76- 01.76	110216	12 1.4
				01.76- 01.76	111258	12
Impala 6.7	01.63- 01.65	110075	14 60	01.62- 01.65	111277	12
Impala 7.0	01.66- 01.69	110075	14 60	01.66- 01.69	111277	12
Impala 7.4	01.70- 01.71	110075	14 60	01.70- 01.75	110216	12 1.4
	01.72- 01.75	110505	14 75	01.70- 01.75	111258	12
	01.93- 01.96	112639	14 100/105			
	01.72-	110233	14 63			
Impala 7.4 Custom	01.76-	110505	14 75	01.76-	111258	12
	01.93- 01.96	112639	14 100/105	01.76-	110216	12 1.4
K10 3.8	01.64- 01.69	110075	14 60			
K10 4.1	01.66- 01.71	110075	14 60	01.73- 01.84	110216	12 1.4
	01.72- 01.72	110233	14 63			
	01.72- 01.84	110505	14 75			
K10 4.1 Suburban	01.68- 01.71	110075	14 60	01.73- 01.80	110216	12 1.4
	01.72- 01.72	110233	14 63			
	01.72- 01.80	110505	14 75			
K10 4.3	01.85- 01.86	110233	14 63	01.85- 01.86	110216	12 1.4
	01.85- 01.86	110505	14 75			
K10 4.6	01.63- 01.67	110075	14 60	01.63- 01.67	111277	12
K10 4.8	01.64- 01.66	110075	14 60	01.75- 01.80	110216	12 1.4
	01.75- 01.80	110505	14 75			
K10 5.0	01.85- 01.86	110471	14 94	01.85- 01.86	111034	12 1.2
	01.77- 01.86	110505	14 75	01.77- 01.86	110216	12 1.4
	01.68- 01.69	110075	14 60	01.68- 01.69	111277	12
K10 5.0 Suburban	01.72- 01.86	110505	14 75	01.76- 01.86	110216	12 1.4
	01.83- 01.86	110471	14 94	01.85- 01.86	111034	12 1.2
	01.72- 01.72	110233	14 63	01.68- 01.71	111277	12
	01.68- 01.71	110075	14 60			
K10 5.4	01.62- 01.68	110075	14 60	01.62- 01.68	111258	12
K10 5.4 Suburban	01.68- 01.68	110075	14 60	01.68- 01.68	111258	12
K10 5.7	01.72- 01.86	110505	14 75	01.72- 01.86	110216	12 1.4
	01.87- 01.89	112629	14 100/105	01.72- 01.72	111258	12
	01.84- 01.86	110471	14 94			
	01.72- 01.72	110233	14 63			
	01.69- 01.71	110075	14 60			
K10 5.7 Suburban	01.72- 01.86	110505	14 75	01.72- 01.86	110216	12 1.4
	01.85- 01.86	110471	14 94	01.72- 01.72	111258	12
	01.87- 01.89	112629	14 100/105			
	01.72- 01.72	110233	14 63			
K10 6.2	01.69- 01.71	110075	14 60			
	01.82- 01.86	110233	14 63			
	01.85- 01.86	110471	14 94			
	01.85- 01.86	110492	14 108			
K10 6.2 Suburban	01.82- 01.86	110505	14 75			
	01.84- 01.86	110492	14 108			
	01.84- 01.86	110471	14 94			
	01.82- 01.86	110233	14 63			
K10 6.5	01.68- 01.69	110075	14 60			
K10 6.5 Suburban	01.68- 01.68	110075	14 60			
K10 6.6	01.75- 01.80	110505	14 75	01.75- 01.80	110216	12 1.4
K10 6.6 Suburban	01.70- 01.72	110075	14 60	01.71- 01.71	111277	12
	01.75- 01.79	110505	14 75	01.75- 01.79	110216	12 1.4
K10 7.4	01.74- 01.80	110505	14 75	01.74- 01.80	110216	12 1.4
K1500 4.3	01.93- 01.95	112639	14 100/105	01.88- 01.98	111034	12 1.2
	01.88- 01.95	110500	14 100/105			
	01.90- 01.95	112338	14 105			
	01.88- 01.89	112640	14 100/105			
K1500 5.0	01.96- 01.99	112893	14 140	01.96- 01.99	111034	12 1.2
	01.93- 01.95	112639	14 100/105	01.88- 01.95	110216	12 1.4
	01.88- 01.95	110500	14 100/105			
	01.88- 01.95	112640	14 100/105			

## STARTERS & ALTERNATORS



K1500 5.7	01.87- 01.89	112629	14	100/105		01.96- 01.99	112912	12	1.6
	01.96- 01.99	112893	14	140		01.88- 01.95	110216	12	1.4
	01.93- 01.95	112639	14	100/105					
	01.88- 01.95	112640	14	100/105					
	01.88- 01.95	110500	14	100/105					
K1500 5.7 Suburban	01.96- 01.99	112893	14	140		01.96- 01.99	112240	12	1.7
	01.87- 01.89	112629	14	100/105					
	01.93- 01.96	112639	14	100/105					
	01.92- 01.95	110500	14	100/105					
	01.92- 01.95	112338	14	105					
K1500 6.2	01.88- 01.93	110500	14	100/105					
K1500 6.5	01.88- 01.93	112640	14	100/105					
	01.94- 01.96	112639	14	100/105		01.94-	112341	12	2.5
K1500 6.5 Turbo	01.94-	110500	14	100/105					
	01.94- 01.96	112639	14	100/105		01.94- 01.98	112341	12	2.5
K1500 6.5 Turbo Suburban	01.94- 01.98	110500	14	100/105					
	01.96- 01.99	112893	14	140		01.96- 01.99	112341	12	2.5
K20 4.1	01.94- 01.96	112639	14	100/105					
	01.72- 01.72	110233	14	63					
K20 4.1 Suburban	01.72- 01.80	110505	14	75					
	01.68- 01.71	110075	14	60		01.73- 01.80	110216	12	1.4
K20 4.3	01.72- 01.72	110233	14	63					
	01.72- 01.74	110505	14	75		01.73- 01.74	110216	12	1.4
K20 4.6	01.85- 01.85	110505	14	75		01.85-	110216	12	1.4
	01.93- 01.96	112639	14	100/105					
K20 4.8	01.85-	110233	14	63					
	01.63- 01.67	110075	14	60		01.63- 01.67	111277	12	
K20 4.8 Suburban	01.64- 01.72	110075	14	60		01.73- 01.86	110216	12	1.4
	01.73- 01.86	110505	14	75					
K20 5.0	01.73- 01.86	110505	14	75					
	01.77- 01.85	110505	14	75		01.77- 01.85	110216	12	1.4
K20 5.0 Suburban	01.85- 01.85	110471	14	94		01.85- 01.85	111034	12	1.2
	01.68- 01.69	110075	14	60		01.68- 01.69	111277	12	
K20 5.4	01.72- 01.86	110505	14	75		01.77- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94		01.85- 01.86	111034	12	1.2
K20 5.4 Suburban	01.72- 01.72	110233	14	63		01.68- 01.71	111277	12	
	01.68- 01.71	110075	14	60					
K20 5.7	01.62- 01.68	110075	14	60		01.64- 01.68	111258	12	
	01.68- 01.68	110075	14	60		01.68- 01.68	111258	12	
K20 5.7 Suburban	01.87- 01.89	112629	14	100/105		01.72- 01.86	110216	12	1.4
	01.64- 01.71	110075	14	60		01.72-	111258	12	
	01.72- 01.86	110505	14	75					
	01.93- 01.96	112639	14	100/105					
	01.72-	110233	14	63					
K20 6.0	01.72- 01.86	110505	14	75		01.72- 01.86	110216	12	1.4
	01.83- 01.86	110471	14	94		01.71- 01.72	111258	12	
	01.87- 01.89	112629	14	100/105					
	01.69- 01.71	110075	14	60					
	01.72- 01.72	110233	14	63					
K20 6.2	01.66- 01.66	110075	14	60					
	01.82- 01.86	110505	14	75					
K20 6.2 Suburban	01.82- 01.86	110233	14	63					
	01.84- 01.86	110492	14	108					
K20 6.5	01.84- 01.86	110471	14	94					
	01.68- 01.69	110075	14	60					
K20 6.6	01.82- 01.86	110233	14	63					
	01.75- 01.80	110505	14	75		01.75- 01.80	110216	12	1.4
K20 6.6 Suburban	01.75- 01.80	110505	14	75		01.75- 01.80	110216	12	1.4
	01.64- 01.65	110075	14	60					
K20 7.4	01.73- 01.80	110505	14	75		01.73- 01.80	110216	12	1.4
	01.85- 01.85	110471	14	94		01.73- 01.85	110216	12	1.4
K2500 4.3	01.73- 01.85	110505	14	75					
	01.85- 01.85	110233	14	63					
K2500 5.0	01.93- 01.95	112639	14	100/105		01.88- 01.95	111034	12	1.2
	01.90- 01.95	112338	14	105					
	01.88- 01.95	110500	14	100/105					
	01.88- 01.89	112640	14	100/105					
	01.98- 01.99	112893	14	140		01.98- 01.99	112912	12	1.6
K2500 5.7	01.93- 01.96	112639	14	100/105		01.88- 01.95	110216	12	1.4
	01.96- 01.00	112893	14	140					
K2500 5.7 Suburban	01.88- 01.95	112640	14	100/105					
	01.88- 01.95	110500	14	100/105					
	01.96- 01.99	112893	14	140		01.96- 01.99	112240	12	1.7
	01.87- 01.89	112629	14	100/105					
	01.93- 01.96	112639	14	100/105					
K2500 6.2	01.92- 01.95	110500	14	100/105					
	01.92- 01.95	112338	14	105					
K2500 6.5	01.88- 01.93	110500	14	100/105		01.89- 01.93	112341	12	2.5
	01.88- 01.93	112640	14	100/105					
K2500 6.5 Turbo	01.94- 01.96	112639	14	100/105		01.94-	112341	12	2.5
	01.94-	110500	14	100/105					
K2500 6.5 Turbo Suburban	01.98- 01.98	112893	14	140		01.92- 01.00	112341	12	2.5
	01.93- 01.96	112639	14	100/105					
	01.92- 01.00	110500	14	100/105					
	01.92- 01.94	112640	14	100/105					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**CHEVROLET** *Continued*

K2500 6.5 Turbo Suburban	01.96- 01.99	112893	14 140	01.96- 01.99	112341	12 2.5
	01.94- 01.96	112639	14 100/105			
	01.94- 01.95	110500	14 100/105			
K2500 7.4	01.93- 01.96	112639	14 100/105	01.94- 01.00	112240	12 1.7
	01.96- 01.00	112893	14 140	01.91- 01.95	110216	12 1.4
	01.94- 01.95	110500	14 100/105			
	01.91- 01.93	110984	14 100/105			
K2500 7.4 Suburban	01.96- 01.99	112893	14 140	01.94- 01.99	112240	12 1.7
	01.93- 01.96	112639	14 100/105	01.94- 01.95	110216	12 1.4
	01.94- 01.95	110500	14 100/105			
	01.92- 01.93	110984	14 100/105			
K30 4.1	01.68- 01.71	110075	14 60	01.73- 01.75	110216	12 1.4
	01.72- 01.72	110233	14 63			
	01.72- 01.75	110505	14 75			
K30 4.8	01.68- 01.72	110075	14 60	01.73- 01.86	110216	12 1.4
	01.73- 01.86	110505	14 75			
K30 4.8	01.74- 01.74	110505	14 75	01.74- 01.74	110216	12 1.4
K30 5.0	01.72- 01.73	110505	14 75	01.68- 01.71	111277	12
	01.72- 01.72	110233	14 63			
	01.68- 01.71	110075	14 60			
K30 5.4	01.68- 01.68	110075	14 60	01.68- 01.68	111258	12
K30 5.7	01.85- 01.85	110471	14 94	01.72- 01.86	110216	12 1.4
	01.72- 01.86	110505	14 75	01.72- 01.72	111258	12
	01.87- 01.89	112629	14 100/105			
	01.72- 01.72	110233	14 63			
K30 6.2	01.69- 01.71	110075	14 60			
	01.82- 01.86	110505	14 75			
	01.82- 01.86	110233	14 63			
K30 6.5	01.68- 01.69	110075	14 60			
K30 6.6	01.70- 01.71	110075	14 60	01.77- 01.80	110216	12 1.4
	01.77- 01.80	110505	14 75			
K30 7.4	01.73- 01.86	110505	14 75	01.73- 01.86	110216	12 1.4
K3500 5.7	01.87- 01.89	112629	14 100/105	01.96- 01.00	112912	12 1.6
	01.93- 01.96	112639	14 100/105	01.88- 01.95	110216	12 1.4
	01.96- 01.00	112893	14 140			
	01.88- 01.95	112640	14 100/105			
K3500 6.2	01.88- 01.95	110500	14 100/105			
	01.88- 01.93	112640	14 100/105			
	01.88- 01.93	110500	14 100/105			
K3500 6.5 Turbo	01.98- 01.98	112893	14 140	01.92- 01.00	112341	12 2.5
	01.93- 01.96	112639	14 100/105			
	01.92- 01.00	110500	14 100/105			
	01.92- 01.94	112640	14 100/105			
K3500 7.4	01.93- 01.96	112639	14 100/105	01.94- 01.00	112240	12 1.7
	01.96- 01.00	112893	14 140	01.88- 01.95	110216	12 1.4
	01.94- 01.95	110500	14 100/105			
	01.88- 01.93	110984	14 100/105			
Kingswood 5.7	01.72- 01.72	110505	14 75	01.72-	110216	12 1.4
	01.93- 01.96	112639	14 100/105	01.69- 01.71	111258	12
	01.72-	110233	14 63			
	01.69- 01.71	110075	14 60			
Kingswood 6.6	01.72- 01.72	110505	14 75	01.70- 01.71	110216	12 1.4
	01.72-	110233	14 63	01.70- 01.71	111258	12
	01.70- 01.71	110075	14 60			
Kingswood 7.4	01.72- 01.72	110505	14 75	01.70-	110216	12 1.4
	01.93- 01.96	112639	14 100/105	01.70-	111258	12
	01.72-	110233	14 63			
	01.70-	110075	14 60			
Laguna 5.0	01.93- 01.96	112639	14 100/105	01.76-	110216	12 1.4
	01.76-	110505	14 75			
Laguna 5.7	01.93- 01.96	112639	14 100/105	01.73- 01.76	110216	12 1.4
	01.73- 01.76	110505	14 75	01.73- 01.76	111258	12
Laguna 6.6	01.74- 01.76	110505	14 75	01.74- 01.76	111258	12
				01.74- 01.76	110216	12 1.4
Laguna 7.4	01.93- 01.96	112639	14 100/105	01.73- 01.74	110216	12 1.4
	01.73- 01.74	110505	14 75	01.73- 01.74	111258	12
LLV 2.2 Postal Vehicle	01.94-	112614	14 105			
LLV 2.5 Postal Vehicle	01.87-	110499	14 100/105			
Lumina 2.2 [LN2]	01.90- 01.92	110499	14 100/105	01.93-	112911	12 1.6
	01.93-	110500	14 100/105			
	01.93-	111388	14 100/105			
	01.99-	112615	14 105			
Lumina 2.5				01.90- 01.91	110221	12 1.2
	01.99-	112615	14 105	01.90- 01.96	112911	12 1.6
				01.97- 01.00	112900	12 1.4
Lumina 3.1 APV	01.90- 01.95	111388	14 100/105	01.90- 01.95	112911	12 1.6
Lumina 3.1 Euro				01.90- 01.94	112911	12 1.6
Lumina 3.1 LS				01.97-	112900	12 1.4
				01.95- 01.96	112911	12 1.6
Lumina 3.1 LTZ				01.97- 01.98	112900	12 1.4
Lumina 3.1				01.93-	112911	12 1.6
Lumina 3.1 Euro				01.93-	112911	12 1.6
Lumina 3.4 APV				01.96-	112911	12 1.6
Lumina 3.4 Euro	01.92- 01.94	112448	14 100			
	01.91- 01.94	110499	14 100/105			
Lumina 3.4 LS				01.96-	112898	12 1.6
Lumina 3.4 LTZ				01.97-	112898	12 1.6
Lumina 3.8 APV	01.92- 01.95	112636	14 100/105	01.92- 01.95	110221	12 1.2
	01.92- 01.95	112884	14 140			
	01.92- 01.95	111220	14 105			
Lumina 3.8 LTZ	01.98- 01.98	112615	14 105			
Luv 1.8	01.72- 01.81	110128	14 35			
Luv 2.2 Diesel	01.81- 01.82	110697	14 50	01.81- 01.82	111683	12 2.0
Malibu 2.4	01.97- 01.99	112868	14 102			
Malibu 3.1				01.97- 01.00	112900	12 1.4
Malibu 3.1 LS				01.97- 01.00	112900	12 1.4

## STARTERS & ALTERNATORS



Malibu 3.2	01.64- 01.66	110075	14	60				
Malibu 3.3	01.78- 01.79	110505	14	75	01.78- 01.79	110414	12	
	01.78- 01.79	110233	14	63				
Malibu 3.8	01.78- 01.83	110505	14	75	01.78- 01.82	110414	12	
	01.80- 01.82	110235	14	80				
	01.80- 01.82	110233	14	63				
	01.64- 01.67	110075	14	60				
Malibu 4.1	01.73- 01.77	110505	14	75				
	01.67- 01.67	110075	14	60				
Malibu 4.3	01.93- 01.96	112639	14	100/105				
	01.83-	110471	14	94				
	01.82-	110505	14	75				
	01.82-	110235	14	80				
Malibu 4.4	01.79- 01.82	110505	14	75	01.79- 01.82	110414	12	
	01.79- 01.82	110235	14	80				
Malibu 4.6	01.64- 01.67	110075	14	60				
Malibu 5.0	01.93- 01.96	112639	14	100/105	01.76- 01.78	110216	12	1.4
	01.73- 01.83	110505	14	75	01.79- 01.83	110414	12	
Malibu 5.4	01.64- 01.67	110075	14	60	01.64- 01.67	111277	12	
Malibu 5.7	01.93- 01.96	112639	14	100/105	01.73- 01.81	111258	12	
	01.73- 01.81	110505	14	75	01.73- 01.81	110216	12	1.4
Malibu 5.7	01.93- 01.96	112639	14	100/105				
	01.82-	110235	14	80				
	01.82-	110505	14	75				
	01.82-	110233	14	63				
	01.83-	110508	14	78				
01.83-	110471	14	94					
Malibu 6.5	01.66- 01.67	110075	14	60	01.66- 01.67	111277	12	
Malibu 6.6	01.74- 01.76	110505	14	75	01.74- 01.76	110216	12	1.4
					01.74- 01.76	111258	12	
Malibu 7.4	01.73- 01.75	110505	14	75	01.73- 01.75	111258	12	
					01.73- 01.75	110216	12	1.4
Metro 1.0	01.98- 01.00	111279	14	50	01.98- 01.00	111310	12	0.8
Metro 1.3	01.99- 01.00	111279	14	50	01.99- 01.00	111310	12	0.8
Metro 1.3 LSI	01.98- 01.01	111279	14	50	01.98- 01.01	111310	12	0.8
Monte Carlo 3.1					01.99- 01.99	112900	12	1.4
Monte Carlo 3.1 LS					01.97- 01.98	112900	12	1.4
					01.95-	112911	12	1.6
Monte Carlo 3.3	01.78- 01.79	110505	14	75	01.78- 01.79	110414	12	
	01.78- 01.79	110233	14	63				
Monte Carlo 3.4 LS					01.00- 01.00	112900	12	1.4
Monte Carlo 3.4 Z34					01.96- 01.97	112898	12	1.6
Monte Carlo 3.8	01.85- 01.87	110471	14	94	01.80- 01.84	110414	12	
	01.78- 01.87	110505	14	75				
	01.80- 01.87	110235	14	80				
	01.80- 01.84	110233	14	63				
Monte Carlo 3.8 Z34	01.98- 01.98	112615	14	105				
Monte Carlo 3.8 Turbo	01.80- 01.81	110505	14	75				
Monte Carlo 4.3	01.85- 01.88	110471	14	94				
	01.85- 01.88	110233	14	63				
	01.82- 01.83	110235	14	80				
Monte Carlo 4.3	01.82- 01.83	110505	14	75				
	01.82- 01.83	110505	14	75				
Monte Carlo 4.4	01.79- 01.82	110505	14	75	01.79- 01.82	110414	12	
	01.79- 01.82	110235	14	80				
Monte Carlo 5.0	01.76- 01.88	110505	14	75	01.76- 01.88	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
Monte Carlo 5.0 SS	01.84- 01.86	110505	14	75				
	01.84- 01.88	110471	14	94				
	01.87- 01.88	110508	14	78				
Monte Carlo 5.7	01.93- 01.96	112639	14	100/105	01.70- 01.77	110216	12	1.4
	01.72- 01.81	110505	14	75	01.70- 01.77	111258	12	
	01.72-	110233	14	63				
	01.70- 01.71	110075	14	60				
	01.81- 01.81	110235	14	80				
Monte Carlo 5.7	01.93- 01.96	112639	14	100/105				
	01.84-	110471	14	94				
	01.84-	110508	14	78				
	01.82- 01.83	110505	14	75				
	01.82- 01.83	110235	14	80				
01.82- 01.83	110233	14	63					
Monte Carlo 6.6	01.72- 01.76	110505	14	75	01.70- 01.76	110216	12	1.4
	01.72- 01.74	110233	14	63	01.70- 01.76	111258	12	
	01.70- 01.71	110075	14	60				
Monte Carlo 7.4	01.72- 01.75	110505	14	75	01.70- 01.75	111258	12	
	01.93- 01.96	112639	14	100/105	01.70- 01.75	110216	12	1.4
	01.72-	110233	14	63				
	01.70- 01.71	110075	14	60				
Monza 2.3	01.75- 01.77	110233	14	63				
	01.75- 01.77	110505	14	75				
Monza 2.3 2+2	01.76- 01.77	110233	14	63				
	01.76- 01.77	110505	14	75				
Monza 2.5	01.78- 01.80	110505	14	75	01.78- 01.80	110414	12	
Monza 2.5 2+2	01.78- 01.80	110505	14	75	01.78- 01.80	110414	12	
Monza 3.2	01.78- 01.79	110505	14	75	01.78- 01.80	110414	12	
Monza 3.2 2+2	01.78- 01.79	110505	14	75				
Monza 3.8	01.78- 01.80	110505	14	75				
Monza 3.8 2+2	01.78- 01.80	110505	14	75				
Monza 4.3	01.75- 01.76	110505	14	75				
Monza 4.3 2+2	01.93- 01.96	112639	14	100/105				
	01.76-	110505	14	75				
Monza 5.0	01.93- 01.96	112639	14	100/105	01.77- 01.78	110216	12	1.4
	01.76- 01.78	110505	14	75				
Monza 5.0 2+2	01.76- 01.78	110505	14	75	01.77- 01.78	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
Monza 5.7	01.93- 01.96	112639	14	100/105	01.75-	110216	12	1.4
	01.75-	110505	14	75	01.75-	111277	12	

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

**CHEVROLET** *Continued*

Nova 2.5	01.62- 01.67	110075	14	60				
Nova 3.2	01.62- 01.67	110075	14	60				
Nova 3.8	01.64- 01.66	110075	14	60				
Nova 4.1	01.67- 01.71	110075	14	60				
	01.72- 01.79	110505	14	75				
	01.72- 01.79	110233	14	63				
Nova 4.1 Concours	01.76- 01.77	110505	14	75	01.76- 01.77	110216	12	1.4
Nova 4.1 Custom	01.73- 01.79	110505	14	75				
Nova 4.3	01.93- 01.96	112639	14	100/105				
	01.75-	110505	14	75				
Nova 4.3 Custom	01.93- 01.96	112639	14	100/105				
	01.75-	110505	14	75				
Nova 4.6	01.62- 01.67	110075	14	60				
Nova 5.0	01.72- 01.78	110505	14	75	01.76- 01.78	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.72- 01.73	110233	14	63				
	01.70-	110075	14	60				
Nova 5.0 Concours	01.76-	110505	14	75	01.76-	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
Nova 5.0 Custom	01.93- 01.96	112639	14	100/105	01.78-	110216	12	1.4
	01.73-	110505	14	75				
Nova 5.4	01.65- 01.67	110075	14	60				
Nova 5.7	01.72- 01.79	110505	14	75	01.70- 01.79	111258	12	
	01.93- 01.96	112639	14	100/105	01.70- 01.79	110216	12	1.4
	01.72- 01.75	110233	14	63				
	01.70- 01.71	110075	14	60				
Nova 5.7 Concours	01.76- 01.77	110505	14	75	01.76- 01.77	111258	12	
					01.76- 01.77	110216	12	1.4
					01.73- 01.79	110216	12	1.4
Nova 5.7 Custom	01.73- 01.79	110505	14	75	01.73- 01.79	111258	12	
Nova 6.5	01.70-	110075	14	60	01.70-	111277	12	
Nova 6.6	01.70-	110075	14	60	01.70-	110216	12	1.4
					01.70-	111277	12	
One-fifty Series 3.9	01.55- 01.57	110505	14	75				
One-fifty Series 4.3	01.55- 01.57	110505	14	75	01.55- 01.57	111258	12	
One-fifty Series 4.6	01.57- 01.57	110505	14	75	01.57- 01.57	111258	12	
P 10 4.1	01.68- 01.72	110075	14	60	01.73- 01.74	110216	12	1.4
	01.73- 01.74	110505	14	75				
P 10 4.8	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
P 10 5.0	01.93- 01.96	112639	14	100/105				
P 10 5.7	01.73- 01.78	110505	14	75	01.73- 01.75	110216	12	1.4
P 10 7.4	01.93- 01.96	112639	14	100/105	01.73-	110216	12	1.4
	01.73-	110505	14	75				
P 20 3.8	01.63- 01.65	110075	14	60				
P 20 4.1	01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
	01.66- 01.66	110075	14	60				
P 20 4.8	01.73- 01.89	110505	14	75	01.73- 01.89	110216	12	1.4
	01.64- 01.72	110075	14	60				
P 20 5.0	01.68- 01.69	110075	14	60	01.68- 01.69	111258	12	
P 20 5.7	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.70- 01.72	111258	12	
	01.64- 01.72	110075	14	60				
P 20 6.2	01.82- 01.89	110505	14	75				
	01.82- 01.89	110233	14	63				
P 20 6.7	01.64- 01.65	110075	14	60				
P 20 7.4	01.93- 01.96	112639	14	100/105	01.73-	110216	12	1.4
	01.73-	110505	14	75				
P10 2.5	01.63- 01.65	110075	14	60				
P10 3.2	01.66- 01.66	110075	14	60				
P10 3.8	01.63- 01.69	110075	14	60				
P10 4.8	01.67- 01.67	110075	14	60				
P20 4.1	01.70- 01.72	110075	14	60				
P20 5.7	01.93- 01.96	112639	14	100/105	01.87- 01.89	110216	12	1.4
	01.87- 01.89	110984	14	100/105				
P30 3.8	01.63- 01.65	110075	14	60				
P30 3.9 Turbo	01.89- 01.91	110471	14	94				
P30 4.1	01.66- 01.72	110075	14	60	01.73- 01.74	110216	12	1.4
	01.73- 01.74	110505	14	75				
P30 4.3	01.90- 01.93	110984	14	100/105	01.90- 01.95	111034	12	1.2
	01.93- 01.95	112639	14	100/105	01.96- 01.99	112240	12	1.7
P30 4.8	01.64- 01.72	110075	14	60	01.73- 01.89	110216	12	1.4
	01.73- 01.89	110505	14	75				
P30 4.8	01.74-	110505	14	75				
P30 5.0	01.68- 01.69	110075	14	60	01.68- 01.69	111258	12	
P30 5.7	01.73- 01.86	110505	14	75	01.74- 01.95	110216	12	1.4
	01.64- 01.72	110075	14	60	01.70- 01.72	111258	12	
	01.87- 01.95	110984	14	100/105	01.96- 01.99	112240	12	1.7
	01.93- 12.96	112639	14	100/105				
P30 6.2	01.82- 01.93	110505	14	75				
	01.82- 01.93	110233	14	63				
P30 6.5	01.94- 01.96	112639	14	100/105	01.94- 01.99	112341	12	2.5
	01.94- 01.97	110500	14	100/105				
P30 6.5 Turbo	01.94- 01.96	112639	14	100/105	01.94- 01.99	112341	12	2.5
P30 6.7	01.64- 01.65	110075	14	60				
P30 7.4	01.73- 01.89	110505	14	75	01.73- 01.97	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.96- 01.99	112240	12	1.7
	01.87- 01.93	110984	14	100/105				
	01.90- 01.97	110502	14	100/105				
R10 4.3	01.93- 01.96	112639	14	100/105	01.87-	110216	12	1.4
	01.87-	112640	14	100/105				
	01.87-	110500	14	100/105				
	01.87-	110471	14	94				
	01.87-	110233	14	63				

## STARTERS & ALTERNATORS





R10 5.0	01.87- 01.87	110505	14 75	01.87- 01.87	110216	12 1.4
	01.87- 01.87	110471	14 94			
	01.87- 01.87	112640	14 100/105			
	01.87- 01.87	110500	14 100/105			
R10 5.0 Suburban	01.87- 01.87	110500	14 100/105	01.87- 01.87	110216	12 1.4
	01.87- 01.87	112640	14 100/105			
	01.87- 01.87	110505	14 75			
	01.87- 01.87	110471	14 94			
R10 5.7	01.87- 01.89	112629	14 100/105	01.87-	110216	12 1.4
	01.93- 01.96	112639	14 100/105			
	01.87-	110505	14 75			
	01.87-	110471	14 94			
	01.87-	110984	14 100/105			
R10 5.7 Suburban	01.87- 01.88	110505	14 75	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110984	14 100/105			
	01.87- 01.89	112629	14 100/105			
R10 6.2	01.87- 01.87	110505	14 75			
	01.87-	110471	14 94			
	01.87-	110233	14 63			
R10 6.2 Suburban	01.87- 01.88	110233	14 63			
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110505	14 75			
R1500 5.7 Suburban	01.89- 01.91	110500	14 100/105	01.89- 01.91	110216	12 1.4
	01.87- 01.89	112629	14 100/105			
R1500 6.2 Suburban	01.89- 01.91	110233	14 63	01.89- 01.91	112341	12 2.5
	01.89- 01.91	110471	14 94			
	01.89- 01.91	110505	14 75			
R20 4.3	01.93- 01.96	112639	14 100/105	01.87-	110216	12 1.4
	01.87-	110471	14 94			
	01.87-	112640	14 100/105			
	01.87-	110500	14 100/105			
	01.87-	110233	14 63			
R20 4.8	01.87- 01.88	110508	14 78	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110505	14 75			
R20 5.0	01.87- 01.87	110505	14 75	01.87- 01.87	110216	12 1.4
	01.87- 01.87	110471	14 94			
	01.87- 01.87	112640	14 100/105			
	01.87- 01.87	110500	14 100/105			
R20 5.7	01.87- 01.89	112629	14 100/105	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110984	14 100/105			
	01.87- 01.88	110505	14 75			
R20 5.7 Suburban	01.87- 01.88	110505	14 75	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110984	14 100/105			
	01.87- 01.89	112629	14 100/105			
R20 6.2	01.87- 01.88	110233	14 63			
	01.87- 01.88	110505	14 75			
	01.87- 01.88	110471	14 94			
R20 6.2 Suburban	01.87- 01.88	110233	14 63			
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110505	14 75			
R20 7.4	01.87- 01.88	110233	14 63	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110505	14 75			
R20 7.4 Suburban	01.87- 01.88	110471	14 94	01.87- 01.88	110216	12 1.4
	01.88- 01.88	110984	14 100/105			
	01.87- 01.88	110233	14 63			
	01.87- 01.88	110505	14 75			
R2500 5.7 Suburban	01.89- 01.91	110500	14 100/105	01.89- 01.91	110216	12 1.4
	01.87- 01.89	112629	14 100/105			
R2500 6.2 Suburban	01.89- 01.91	110233	14 63	01.89- 01.91	112341	12 2.5
	01.89- 01.91	110471	14 94			
	01.89- 01.91	110505	14 75			
R2500 7.4 Suburban	01.89- 01.91	110233	14 63	01.89- 01.91	110216	12 1.4
	01.89- 01.91	110471	14 94			
	01.89- 01.91	110505	14 75			
R30 4.8	01.87- 01.88	110505	14 75	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110508	14 78			
R30 5.7	01.87- 01.89	112629	14 100/105	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110984	14 100/105			
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110505	14 75			
R30 6.2	01.87- 01.88	110233	14 63			
	01.87- 01.88	110471	14 94			
	01.87- 01.88	110505	14 75			
R30 7.4	01.87- 01.88	110505	14 75	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110233	14 63			
	01.87- 01.88	110471	14 94			
R3500 5.7	01.87- 01.89	112629	14 100/105	01.89- 01.91	110216	12 1.4
	01.89- 01.91	110471	14 94			
	01.89- 01.91	110500	14 100/105			
	01.89- 01.91	110505	14 75			
R3500 6.2	01.89- 01.91	110233	14 63	01.89- 01.91	112341	12 2.5
	01.89- 01.91	110471	14 94			
	01.89- 01.91	110505	14 75			
R3500 7.4	01.89- 01.91	110233	14 63	01.89- 01.91	110216	12 1.4
	01.89- 01.91	110471	14 94			
	01.89- 01.91	110505	14 75			
	01.90- 01.91	112338	14 105			
	01.93- 01.96	112639	14 100/105			
S10 1.9	01.82- 01.85	110505	14 75			
S10 1.9 Blazer	01.83- 01.84	110505	14 75			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CHEVROLET** *Continued*

S10 2.0	01.83- 01.84	110505	14	75			
	01.83- 01.84	110233	14	63			
	01.83- 01.84	110471	14	94			
S10 2.0 Blazer	01.83- 01.84	110233	14	63			
	01.83- 01.84	110471	14	94			
	01.83- 01.84	110505	14	75			
S10 2.2	01.94- 01.98	112614	14	105	01.99- 01.00	112900	12 1.4
					01.94- 01.98	112911	12 1.6
S10 2.2	01.83- 01.85	110508	14	78	01.84- 01.85	111683	12 2.0
	01.84- 01.85	110471	14	94			
S10 2.2 Blazer	01.84-	110471	14	94	01.84-	111683	12 2.0
	01.84-	110508	14	78			
S10 2.2					01.00- 01.02	112900	12 1.4
S10 2.5	01.91- 01.93	110499	14	100/105			
	01.83- 01.86	110508	14	78			
	01.85- 01.91	110471	14	94			
	01.85- 01.91	110505	14	75			
	01.91- 01.93	112448	14	100			
S10 2.5 Blazer	01.85- 01.88	110505	14	75			
	01.85- 01.88	110471	14	94			
S10 2.8	01.82- 01.85	110505	14	75	01.82- 01.93	110221	12 1.2
	01.84- 01.85	110471	14	94	01.84- 01.93	111034	12 1.2
S10 2.8 Blazer	01.83- 01.85	110505	14	75	01.83- 01.90	110221	12 1.2
	01.83- 01.85	110471	14	94	01.84- 01.90	111034	12 1.2
S10 4.3	01.96-	111712	14	105	01.96- 01.98	112240	12 1.7
	01.88- 01.90	112338	14	105	01.99- 01.03	112241	12 1.5
	01.88- 01.95	110500	14	100/105	01.88- 01.95	111034	12 1.2
	01.93- 01.95	112639	14	100/105			
	01.91- 01.95	110985	14	100/105			
S10 4.3 Blazer	01.99- 01.00	112665	14	100			
	01.91- 01.94	110500	14	100/105	01.88- 01.94	111034	12 1.2
	01.93- 01.94	112639	14	100/105			
	01.91- 01.94	110985	14	100/105			
	01.88- 01.90	112338	14	105			
Silverado 4.3 1500	01.99- 01.03	112853	14	130	01.00- 01.02	112241	12 1.5
	01.99- 01.02	112850	14	105	01.99- 01.99	111034	12 1.2
Silverado 4.8 1500	01.99- 01.03	112853	14	130	01.99- 01.03	112902	12 1.2
	01.99- 01.02	112850	14	105			
Silverado 5.3 1500	01.99- 01.03	112853	14	130	01.99- 01.03	112902	12 1.2
	01.99- 01.02	112850	14	105			
Silverado 5.3 2500	01.99- 01.00	112850	14	105	01.99- 01.00	112902	12 1.2
	01.99- 01.00	112853	14	130			
Silverado 5.3 1500	01.02-	112853	14	130			
	01.02-	112850	14	105			
Silverado 6.0 1500 HD	01.01- 01.03	112853	14	130	01.01- 01.03	112906	12 1.7
	01.01- 01.02	112850	14	105			
Silverado 6.0 2500	01.99- 01.03	112853	14	130	01.01- 01.03	112906	12 1.7
	01.99- 01.02	112850	14	105	01.00- 01.00	112898	12 1.6
					01.99- 01.99	112240	12 1.7
Silverado 6.0 2500 HD	01.01- 01.03	112853	14	130	01.01- 01.03	112906	12 1.7
	01.01- 01.02	112850	14	105			
Silverado 6.0 3500	01.01- 01.03	112853	14	130	01.01- 01.03	112906	12 1.7
	01.01- 01.02	112850	14	105			
Silverado 6.0 SS	01.03-	112853	14	130			
Silverado 6.6 Turbo 2500	01.01- 01.02	112850	14	105			
Silverado 6.6 Turbo 2500 HD	01.01- 01.02	112853	14	130			
	01.01- 01.03	112853	14	130			
Silverado 6.6 Turbo 3500	01.01- 01.02	112850	14	105			
	01.01- 01.03	112853	14	130			
Silverado 8.1 2500	01.01- 01.02	112850	14	105			
	01.01- 01.02	112853	14	130	01.01- 01.02	112240	12 1.7
Silverado 8.1 2500 HD	01.01- 01.03	112853	14	130	01.99- 01.02	112240	12 1.7
	01.01- 01.02	112850	14	105			
Silverado 8.1 3500	01.01- 01.03	112853	14	130	01.01- 01.02	112240	12 1.7
	01.01- 01.02	112850	14	105			
Sprint 1.0	01.89-	110967	14	50	01.85- 01.88	111310	12 0.8
Sprint 1.0 ER	01.87- 01.88	110965	14	50	01.87- 01.88	111310	12 0.8
Sprint 1.0 Plus					01.86-	111310	12 0.8
Sprint 1.0 Turbo	01.89-	111279	14	50	01.87- 01.88	111310	12 0.8
	01.87- 01.88	110965	14	50			
SSR 6.0	01.05-	112853	14	130			
Suburban 3.8	01.63- 01.67	110075	14	60			
Suburban 3.9	01.61- 01.62	110075	14	60			
Suburban 4.1	01.66- 01.67	110075	14	60			
Suburban 4.6	01.63- 01.67	110075	14	60	01.63- 01.67	111277	12
Suburban 4.8	01.63- 01.67	110075	14	60			
Suburban 5.4	01.62- 01.67	110075	14	60	01.62- 01.67	111258	12
Suburban 5.7	01.64- 01.65	110075	14	60			
Suburban 6.0	01.66- 01.66	110075	14	60	05.00- 09.03	112902	12 1.2
Suburban 6.7	01.64- 01.65	110075	14	60			
Tahoe 4.8	01.00- 01.03	112853	14	130	01.00- 01.03	112902	12 1.2
	01.00- 01.02	112850	14	105			
Tahoe 5.3	01.00- 01.03	112853	14	130	01.00- 01.03	112902	12 1.2
	01.00- 01.02	112850	14	105			
Tahoe 5.3	01.02- 01.03	112853	14	130	01.02- 01.02	112902	12 1.2
	01.02- 01.02	112850	14	105			
Tahoe 5.7	01.96- 01.00	112893	14	140	01.95- 01.00	112240	12 1.7
	01.95- 01.96	112639	14	100/105	01.99- 01.00	112912	12 1.6
	01.95-	110500	14	100/105			
Tahoe 6.5 Turbo	01.99- 01.99	112893	14	140	01.95- 01.99	112341	12 2.5
	01.95- 01.96	112639	14	100/105			
	01.95- 01.98	110500	14	100/105			

## STARTERS & ALTERNATORS



Townsmen 5.7	01.93- 01.96	112639	14	100/105	01.69- 01.71	111258	12
	01.72-	110233	14	63			
	01.72- 01.72	110505	14	75			
	01.69- 01.71	110075	14	60			
Townsmen 6.6	01.72-	110233	14	63	01.70- 01.71	111258	12
	01.72- 01.72	110505	14	75			
	01.70- 01.71	110075	14	60			
Townsmen 7.4	01.93- 01.96	112639	14	100/105	01.70-	111258	12
	01.72-	110233	14	63			
	01.72- 01.72	110505	14	75			
	01.70-	110075	14	60			
Tracer 1.6	01.98- 01.98	111279	14	50	01.99- 01.00	112300	12 1.4
Tracker 2.0 [J20A]					01.98- 01.98	110394	12 0.85
					AT 01.99- 01.03	114225	12 1.6
					01.99- 01.03	110394	12 0.85
					01.99- 01.03	112300	12 1.4
Trailblazer 4.2					01.02- 01.03	112905	12 1.6
Trailblazer 4.2 EXT					01.02- 01.03	112905	12 1.6
Truck 3.9	4BD2 01.93- 01.98	113413	14	70			
	4BD1 01.91- 01.97	113413	14	70			
Truck 4.3	01.55- 01.59	110505	14	75			
Truck 5.3	01.56- 01.59	110505	14	75			
Two-Ten Series 3.9	01.55- 01.57	110505	14	75			
Two-Ten Series 4.3	01.55- 01.57	110505	14	75	01.55- 01.57	111258	12
Two-Ten Series 4.6	01.57- 01.57	110505	14	75	01.57- 01.57	111258	12
V10 4.3	01.87- 01.87	110500	14	100/105	01.87- 01.87	110216	12 1.4
	01.87- 01.87	112640	14	100/105			
	01.87- 01.87	110471	14	94			
	01.87- 01.87	110233	14	63			
V10 5.0	01.87- 01.87	110505	14	75	01.87- 01.87	110216	12 1.4
	01.87- 01.87	110471	14	94			
	01.87- 01.87	112640	14	100/105			
	01.87- 01.87	110500	14	100/105			
V10 5.7	01.87- 01.87	110505	14	75	01.87- 01.87	110216	12 1.4
	01.87- 01.87	110471	14	94			
	01.87- 01.87	110984	14	100/105			
	01.87- 01.89	112629	14	100/105			
V10 5.7 Suburban	01.87- 01.88	110984	14	100/105	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110471	14	94			
	01.87- 01.88	110505	14	75			
	01.87- 01.89	112629	14	100/105			
V10 6.2	01.87- 01.87	110233	14	63			
	01.87- 01.87	110471	14	94			
	01.87- 01.87	110505	14	75			
V10 6.2 Suburban	01.87- 01.88	110471	14	94			
	01.87- 01.88	110233	14	63			
	01.87- 01.88	110505	14	75			
V1500 5.7 Suburban	01.91- 01.91	112338	14	105	01.89- 01.90	110216	12 1.4
	01.89- 01.91	110500	14	100/105			
	01.87- 01.89	112629	14	100/105			
V1500 6.2 Suburban	01.91- 01.91	110984	14	100/105	01.89- 01.90	112341	12 2.5
	01.89- 01.90	110233	14	63			
	01.89- 01.90	110471	14	94			
	01.89- 01.90	110505	14	75			
V20 4.8	01.87- 01.91	110984	14	100/105	01.87-	110216	12 1.4
	01.87-	110505	14	75			
	01.87-	110508	14	78			
V20 5.7	01.87- 01.89	112629	14	100/105	01.87-	110216	12 1.4
	01.93- 01.96	112639	14	100/105			
	01.87-	110984	14	100/105			
	01.87-	110471	14	94			
	01.87-	110505	14	75			
V20 5.7 Suburban	01.87- 01.88	110505	14	75	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110984	14	100/105			
	01.87- 01.88	110471	14	94			
	01.87- 01.89	112629	14	100/105			
V20 6.2	01.87-	110471	14	94			
	01.87-	110233	14	63			
	01.87- 01.87	110505	14	75			
V20 6.2 Suburban	01.87- 01.88	110233	14	63			
	01.87- 01.88	110471	14	94			
	01.87- 01.88	110505	14	75			
V20 7.4 Suburban	01.87- 01.88	110233	14	63	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110471	14	94			
	01.87- 01.88	110505	14	75			
V2500 5.7 Suburban	01.89- 01.91	110500	14	100/105	01.89- 01.90	110216	12 1.4
	01.91- 01.91	112338	14	105			
	01.87- 01.89	112629	14	100/105			
V2500 6.2 Suburban	01.91- 01.91	110984	14	100/105	01.89- 01.90	112341	12 2.5
	01.89- 01.90	110233	14	63			
	01.89- 01.90	110471	14	94			
	01.89- 01.90	110505	14	75			
V2500 7.4 Suburban	01.89- 01.90	110233	14	63	01.89- 01.90	110216	12 1.4
	01.89- 01.90	110505	14	75			
V30 4.8	01.87- 01.88	110505	14	75	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110508	14	78			
V30 5.7	01.87- 01.89	112629	14	100/105	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110505	14	75			
	01.87- 01.88	110471	14	94			
	01.87- 01.88	110984	14	100/105			
V30 6.2	01.87- 01.88	110233	14	63			
	01.87- 01.88	110471	14	94			
	01.87- 01.88	110505	14	75			
V30 7.4	01.87- 01.88	110233	14	63	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110471	14	94			
	01.87- 01.88	110505	14	75			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**CHEVROLET** *Continued*

V3500 5.7		01.87- 01.89	112629	14	100/105				
		01.89- 01.91	110500	14	100/105		01.89- 01.91	110216	12 1.4
		01.89- 01.91	110471	14	94				
		01.89- 01.91	110505	14	75				
V3500 6.2		01.91- 01.91	110984	14	100/105		01.89- 01.90	112341	12 2.5
		01.90- 01.91	112338	14	105				
		01.89- 01.90	110471	14	94				
		01.89- 01.90	110233	14	63				
		01.89- 01.90	110505	14	75				
V3500 7.4		01.89- 01.91	110233	14	63		01.89- 01.91	110216	12 1.4
		01.89- 01.91	110471	14	94				
		01.89- 01.91	110505	14	75				
Vega 2.0		01.75-	110505	14	75				
Vega 2.0 Cosworth		01.76- 01.76	110505	14	75				
Vega 2.3		01.71- 01.77	110505	14	75				
		01.71- 01.77	110233	14	63				
Vega 2.3 Panel		01.74- 01.75	110233	14	63				
		01.74- 01.75	110505	14	75				
Venture 3.4							01.97- 01.00	112900	12 1.4
<b>PASSENGER CARS AO</b>									
Astro 4.3		01.87- 01.89	112337	14	105				
Blazer S10 4.3 4WD		01.96-	111712	14	105				
Camaro 5.7	[LT1]	01.94- 01.95	111854	14	105				
Caprice 5.0		10.96- 12.96	112639	14	100/105				
C-K Serie 4.3		01.88- 01.90	112337	14	105				
		01.88- 01.93	110500	14	100/105				
		01.83- 01.86	110508	14	78				
		01.84-	110492	14	108				
C-K Serie 4.3 AWD		01.83- 01.86	110508	14	78				
		01.84-	110492	14	108				
		01.88- 01.90	112337	14	105				
		01.88- 01.93	110500	14	100/105				
Corvette 5.7	[LT1]	01.93- 01.96	112639	14	100/105				
Express 4.3		01.96-	111712	14	105				
HHR 2.2	[L61]						08.04-	115575	12 1.4
Lumina 2.5		01.90- 01.92	110499	14	100/105				
S10 2.8	[LR2]	01.83- 01.86	110508	14	78				
Spark 0.8	[F8CV]	09.00-	114114	14	65		09.00-	111849	12 0.8
Spark 1.0							11.02-	113860	12 0.8
Spark 1.0 SX							05.05-	113860	12 0.8
Suburban 5.7 4WD		01.96-	111712	14	105				
Suburban 6.5 Diesel	[L56]	10.93- 09.96	112639	14	100/105				
Suburban 7.4 4WD		01.89- 01.93	112338	14	105				
Trailblazer 2.8 Diesel	[LWH]						08.12-	115745	12 2.2
Vectra 2.8	[Z28NET]						11.05- 09.06	115597	12 1.4
Zafira 2.0 GLS	[C20SEL]						04.01-	111848	12 1.0
<b>TRUCKS US</b>									
Various models	[Caterpillar 3116]	01.90- 01.93	112989	14	60				
<b>Chrysler</b>									
<b>PASSENGER CARS EU</b>									
300 C 2.7	[2.7FX]	09.04-	114832	14	180				
	[EER]	09.04-	114832	14	180				
	[EES]	01.07- 11.12	114832	14	180				
300 C 3.0 CRD	[EXL]	09.05-	114832	14	180		09.05- 12.06	114878	12 2.2
							12.06-	115420	12 1.7
300 C 3.5	[3.5CSP]	09.04-	114832	14	180				
	[EGG]	09.04-	114832	14	180				
300 C 3.5 AWD	[3.5CSP]	09.04-	114832	14	180				
	[EGG]	09.04-	114832	14	180				
300 C 5.7	[EZB]	09.04-	114832	14	180				
	[EZD]	09.04-	114832	14	180				
	[EZH]	09.04-	114832	14	180				
300 C 5.7 AWD	[EZB]	04.05-	114832	14	180				
	[EZH]	04.05-	114832	14	180				
300 C 6.1 SRT8	[ESF]	06.05-	114832	14	180				
300 M 2.7 V6 24V	[EER]						11.98- 09.04	114328	12 1.6
Crossfire 3.2	[EGX]	07.03-	113302	14	120		07.03-	113282	12 1.4
Delta 2.0 Multijet	[198A5.000]	08.11-	115679	14	130				
Grand Voyager 2.8 CRDi	[ENS]						09.12-	113977	12 2.2
Lebaron 2.2 i	[EDG]	01.90- 01.90	111193	14	90				
Neon 2.0	[ECC]	01.96-	111530#	14	90				
Neon 2.0 16V	[ECC]	01.96-	111530#	14	90				
Neon 2.0 16V LE	[ECC 420T]	01.96-	111530#	14	90				
PT Cruiser 2.0 16V	[ECC]	06.00-	116020	14	100				
PT Cruiser 2.2 CRD	[EDJ]	08.05-	114663	14	150		08.05-	114237	12 2.2
PT Cruiser 2.2 Diesel	[EDJ]	03.02-	114663	14	150		03.02-	114144	12 2.0
							03.02-	114237	12 2.2
PT Cruiser 2.4	[EDZ]	03.04-	116020	14	100				
PT Cruiser 2.4 GT	[EDV]	03.04-	116020	14	100				
PT Cruiser 2.4 16V	[EDZ]	06.00-	116020	14	100				
Sebring 2.0	[ECC]	04.01-	114511	14	120				
Sebring 2.0 VVT	[ECN]	07.07-	115925	14	115				
Sebring 2.4	[EDZ]	04.01-	114511	14	120		04.01-	113638	12 1.4
		04.01-	115925	14	115				
Sebring 2.4 VVT	[ED3]	07.07-	115925	14	115				
	[EDG]	07.07-	115925	14	115				
Sebring 2.7 V6 24V	[EER]	04.01-	114511	14	120				
	[EES]	04.01-	114511	14	120				
Stratus 2.0 LE	[420X]	06.96-	113067	14	90				
	[C00]	12.95-	113067	14	90				
Stratus 2.0 16V	[ECB]	12.95-	113067	14	90				
Stratus 2.4 16V	[EDZ]	01.97- 04.01	113067	14	90				
Viper 8.0	[EPD]	07.98-	112073	14	80				
Voyager 2.0 i	[C00]	01.95- 03.01	113067	14	90		01.95- 03.01	114294	12 1.1
Voyager 2.4	[EDZ]	02.00-	115936	14	150				

**STARTERS & ALTERNATORS**



Voyager 2.4 i	[B00]	01.95- 12.00	112583	14	90				
		10.95- 08.96	113067	14	90				
		10.95- 12.00	113235	14	130				
Voyager 2.5 i	[K]	04.93-	111814#	14	120				
Voyager 2.5 CRD	[ENC]	02.00-	114011	14	160	02.00-	114283	12	2.0
	[ENJ]	02.00-	114011	14	160	02.00-	114283	12	2.0
Voyager 2.5 TD	[425CLIRS/X]					10.95-	112454	12	2.2
	[ENC]					01.95- 03.01	112454	12	2.2
Voyager 2.5 TD SE	[09B]					01.92- 09.95	112454	12	2.2
	[M00]					04.92-	112454	12	2.2
Voyager 2.8 CRD	[ENR]	06.04-	114011	14	160	AT 06.04-	113977	12	2.2
						AT 10.07-	113977	12	2.2
Voyager 2.8 CRDi	[ENS]					AT 10.07-	113977	12	2.2
Voyager 3.0	[EFA]	01.95- 03.01	112583	14	90				
		01.95- 03.01	113235	14	130				
Voyager 3.0 i	[300]	01.90- 01.93	111193	14	90				
Voyager 3.3	[EGA]	01.01- 01.05	113803	14	160	02.00-	111492	12	1.4
						02.00-	115783	12	1.4
	[EGV]	01.01- 01.05	113803	14	160				
Voyager 3.3 AWD	[EGA]	01.01- 01.04	113803	14	160	01.01-	111492	12	1.4
						02.00-	115783	12	1.4
Voyager 3.3 FlexFuel	[EGM]	01.01- 01.05	113803	14	160				
Voyager 3.3 i	[R00]	10.95-	111814#	14	120 BO	10.95-	111492	12	1.4
		10.95-	112583	14	90 ND				
		10.95-	113235	14	130 ND				
Voyager 3.3 i LE	[EGA]	01.90-	111193	14	90 ND	04.92-	111492	12	1.4
		04.92-	111814#	14	120 BO				
Voyager 3.3 i LE AWD	[EGA]	04.92-	111193	14	90 ND	04.92-	111492	12	1.4
		04.92-	111814#	14	120 BO				
	[R00]	04.92-	111193	14	90 ND	04.92-	111492	12	1.4
		04.92-	111814#	14	120 BO				
Voyager 3.8 i	[EGH]					01.01-	111492	12	1.4
						02.00-	115783	12	1.4
Voyager 3.8 i AWD	[EGH]	01.95-	112583	14	90 ND	AT 01.97-	111492	12	1.4
		01.95-	113235	14	130 ND	02.00-	115783	12	1.4
	[L00]	10.95-	112583	14	90 ND	01.95- 01.98	111492	12	1.4
		10.95-	113235	14	130 ND				
<b>PASSENGER CARS US</b>									
300 6.3		01.62- 01.66	110074	14	60	01.62- 01.66	110223	12	1.1
300 6.8		01.60- 01.65	110074	14	60				
300 7.0		01.63- 01.63	110074	14	60				
300 7.2		01.66- 01.69	110074	14	60	01.66- 01.71	110222	12	1.3
		01.70- 01.71	110236	14	60				
300 M 3.5						01.99- 01.02	113242	12	1.4
300 M 3.5 Special						01.02- 01.02	113242	12	1.4
Cirrus 2.0		01.00-	113067	14	90				
Cirrus 2.4		01.00- 01.00	113067	14	90				
Cirrus 2.4 LX	[EDZ]	01.95- 01.97	113067	14	90				
Cirrus 2.4 LXI	[EDZ]	01.97-	113067	14	90				
Cirrus 2.5	[EEB]					01.98- 01.98	112846	12	1.4
						01.99- 01.00	112846	12	1.4
Cirrus 2.5 LX	[EEB]					01.95- 01.97	112846	12	1.4
Cirrus 2.5 LXI	[EEB]					01.95- 01.97	112846	12	1.4
Concorde 3.5 Limited						01.02- 01.03	113242	12	1.4
Cordoba 3.7		01.80- 01.82	110236	14	60	01.80- 01.82	110223	12	1.1
Cordoba 3.7 Crown		01.80-	110236	14	60	01.80-	110223	12	1.1
Cordoba 3.7 LS		01.80- 01.82	110236	14	60	01.80- 01.82	110223	12	1.1
Cordoba 5.2		01.75- 01.82	110236	14	60	01.75- 01.82	110223	12	1.1
Cordoba 5.2 Crown		01.80-	110236	14	60	01.80-	110223	12	1.1
Cordoba 5.2 LS		01.81- 01.82	110236	14	60	01.81- 01.82	110223	12	1.1
Cordoba 5.9		01.75- 01.79	110236	14	60	01.75- 01.79	110222	12	1.3
Cordoba 6.6		01.75- 01.78	110236	14	60	01.75- 01.78	110222	12	1.3
Daytona 2.2 Turbo		01.93-	111193	14	90				
		01.89-	113051#	14	120				
Daytona 2.2 Turbo IROC R/T		01.92-	111193	14	90				
Daytona 2.5		01.90-	111193	14	90				
		01.89-	113051#	14	120				
Daytona 2.5 Turbo		01.90-	111193	14	90				
		01.89-	113051#	14	120				
Dynasty 2.5		01.89-	113051#	14	120				
		01.90-	111193	14	90				
Dynasty 3.3						01.90-	114135	12	1.2
E Class 2.2		01.83- 01.84	110514	14	78				
E Class 2.2 Turbo		01.84-	110514	14	78				
Fifthavenue 3.7		01.83-	110236	14	60	01.83-	110223	12	1.1
Fifthavenue 5.2		01.83- 01.87	110236	14	60	01.83- 01.87	110223	12	1.1
Imperial 3.3						01.90-	111492	12	1.4
Imperial 3.8						01.91- 01.93	114135	12	1.2
						01.91- 01.93	111492	12	1.4
Imperial 5.2		01.81- 01.83	110236	14	60	01.81- 01.83	110223	12	1.1
Imperial 6.8		01.60- 01.65	110074	14	60				
Imperial 6.8 Lebaron		01.61- 01.61	110074	14	60				
Imperial 7.2		01.66- 01.67	110074	14	60	01.66- 01.67	110222	12	1.3
Imperial 7.2 Crown		01.70-	110236	14	60	01.68- 01.69	110222	12	1.3
		01.68- 01.69	110074	14	60				
Imperial 7.2 Lebaron		01.70- 01.75	110236	14	60	01.68- 01.75	110222	12	1.3
		01.68- 01.69	110074	14	60				
Intrepid 2.7	[EER]	01.98-	113365	14	120				
		01.03-	113365	14	120				
Laser 2.2		01.84- 01.86	110514	14	78				
Laser 2.2 XE		01.84- 01.85	110514	14	78				
Laser 2.2 Turbo		01.84- 01.86	110514	14	78				
Laser 2.2 Turbo XE		01.84- 01.86	110514	14	78				
Lebaron 2.2		01.82-	110514	14	78				
Lebaron 2.2 Medallion		01.82-	110514	14	78				
Lebaron 2.2 Turbo GTC		01.90- 01.90	111193	14	90				

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



**CHRYSLER** *Continued*

Lebaron 2.2 Turbo GTS	01.89-	113051#	14	120				
Lebaron 2.5	01.92-	111193	14	90				
Lebaron 2.5 Landau	01.92-	111193	14	90				
Lebaron 2.5 LE	01.93-	111193	14	90				
Lebaron 2.5 Turbo	01.89- 01.92	113051#	14	120				
Lebaron 2.5 Turbo GTC	01.89- 01.89	113051#	14	120				
	01.90- 01.92	111193	14	90				
Lebaron 2.5 Turbo GTS	01.89-	113051#	14	120				
Lebaron 3.7	01.78- 01.80	110236	14	60	01.78- 01.80	110223	12	1.1
Lebaron 3.7 Medallion	01.78- 01.80	110236	14	60	01.78- 01.80	110223	12	1.1
Lebaron 3.7 S	01.78-	110236	14	60	01.78-	110223	12	1.1
Lebaron 3.7 SALON	01.79- 01.80	110236	14	60	01.79- 01.80	110223	12	1.1
Lebaron 3.7 Special	01.81-	110236	14	60	01.81-	110223	12	1.1
Lebaron 3.7 Town & Counry	01.81-	110236	14	60	01.81-	110223	12	1.1
Lebaron 5.2	01.77- 01.80	110236	14	60	01.77- 01.80	110223	12	1.1
Lebaron 5.2 Medallion	01.77- 01.80	110236	14	60	01.77- 01.80	110223	12	1.1
Lebaron 5.2 S	01.78-	110236	14	60	01.78-	110223	12	1.1
Lebaron 5.2 SALON	01.79- 01.80	110236	14	60	01.79- 01.80	110223	12	1.1
Lebaron 5.2 Special	01.81-	110236	14	60	01.81-	110223	12	1.1
Lebaron 5.9	01.78- 01.79	110236	14	60	01.78- 01.79	110222	12	1.3
Lebaron 5.9 Medallion	01.78- 01.79	110236	14	60	01.78- 01.79	110222	12	1.3
Lebaron 5.9 SALON	01.79-	110236	14	60	01.79-	110222	12	1.3
Lecar 2.2 Turbo GTC	01.89-	113051#	14	120				
LHS 3.5					01.99- 01.01	113242	12	1.4
New Yorker 2.2	01.83-	110236	14	60				
	01.83-	110514	14	78				
New Yorker 2.6	01.83- 01.85	110236	14	60				
New Yorker 3.3					01.90- 01.93	111492	12	1.4
New Yorker 3.3 Landau					01.90-	111492	12	1.4
New Yorker 3.7	01.82-	110236	14	60	01.82-	110223	12	1.1
New Yorker 3.8 Fifth Avenue					01.91- 01.93	111492	12	1.4
New Yorker 5.2	01.79- 01.82	110236	14	60	01.79- 01.82	110223	12	1.1
New Yorker 5.9	01.77- 01.80	110236	14	60	01.77- 01.80	110222	12	1.3
New Yorker 5.9 Brougham	01.77- 01.78	110236	14	60	01.77- 01.78	110222	12	1.3
New Yorker 6.6 Brougham	01.75- 01.78	110236	14	60	01.75- 01.78	110222	12	1.3
New Yorker 6.8	01.60- 01.65	110074	14	60				
New Yorker 7.0	01.63- 01.63	110074	14	60				
New Yorker 7.2	01.70- 01.74	110236	14	60	01.66- 01.74	110222	12	1.3
	01.66- 01.69	110074	14	60				
New Yorker 7.2 Brougham	01.72- 01.78	110236	14	60	01.72- 01.78	110222	12	1.3
Newport 3.7	01.79-	110236	14	60	01.79-	110223	12	1.1
Newport 5.2	01.79- 01.80	110236	14	60	01.79- 01.80	110223	12	1.1
Newport 5.9	01.71- 01.80	110236	14	60	01.71- 01.80	110222	12	1.3
	01.61- 01.64	110074	14	60				
Newport 5.9 Custom	01.74- 01.76	110236	14	60	01.74- 01.76	110222	12	1.3
Newport 5.9 Royal	01.72-	110236	14	60	01.72-	110222	12	1.3
Newport 6.3	01.65- 01.69	110074	14	60	01.70- 01.71	110222	12	1.3
	01.70- 01.71	110236	14	60	01.65- 01.69	110223	12	1.1
Newport 6.3 Custom	01.70- 01.71	110236	14	60	01.70- 01.71	110222	12	1.3
	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Newport 6.6	01.73- 01.78	110236	14	60	01.73- 01.78	110222	12	1.3
Newport 6.6 Custom	01.72- 01.76	110236	14	60	01.72- 01.76	110222	12	1.3
Newport 6.6 Royal	01.72-	110236	14	60	01.72-	110222	12	1.3
Newport 6.8	01.59- 01.64	110074	14	60				
Newport 7.0	01.63- 01.63	110074	14	60				
Newport 7.2	01.66- 01.67	110074	14	60	01.66- 01.78	110222	12	1.3
	01.70- 01.78	110236	14	60				
Newport 7.2 Custom	01.70- 01.76	110236	14	60	01.68- 01.76	110222	12	1.3
	01.68- 01.69	110074	14	60				
Newport 7.2 Royal	01.72-	110236	14	60	01.72-	110222	12	1.3
Pacifica 3.5	[EGN]	08.03- 09.08	115483	14	120			
Pacifica 3.5 AWD	[EGN]				08.03- 09.08	115783	12	1.4
Prowler 3.5					01.02- 01.02	113242	12	1.4
Sebring 2.0 LX	[ECF]	01.96- 01.98	111530#	14	90			
	01.95- 01.99	111530#	14	90				
Sebring 2.4	05.07- 12.10	115925	14	115				
Sebring 2.4 JX	[EDZ]	01.96- 01.97	113067	14	90			
	01.98- 01.98	113069	14	125				
Sebring 2.4 JXI	[EDZ]	01.97- 01.98	113069	14	125			
Sebring 2.5 JX	[EEB]	01.96- 01.97	113069	14	125	01.96- 01.98	112846	12 1.4
					01.99- 01.00	112846	12	1.4
Sebring 2.5 JXI	[EEB]	01.98- 01.98	113069	14	125	01.96- 01.98	112846	12 1.4
					01.99- 01.00	112846	12	1.4
Sebring 2.5 LX	[EEB]				01.96-	112846	12	1.4
					01.99- 01.99	112846	12	1.4
Sebring 2.5 LXI	[EEB]	01.98- 01.98	113069	14	125	01.96- 01.98	112846	12 1.4
					01.99- 01.99	112846	12	1.4
Town & Country 2.2		01.82- 01.84	110514	14	78			
		01.82- 01.84	110236	14	60			
Town & Country 2.6		01.82- 01.82	110236	14	60			
Town & Country 3.3		01.01- 01.05	113803	14	160	01.90- 01.00	111492	12 1.4
Town & Country 3.3 LX					01.96- 01.98	111492	12	1.4
Town & Country 3.3 SX					01.97- 01.98	111492	12	1.4
Town & Country 3.3	[EGM]				01.98- 01.00	111492	12	1.4
		01.01- 01.05	113803	14	160			
Town & Country 3.3 LX		01.01- 01.05	113803	14	160			
Town & Country 3.3 LXI		01.01- 01.05	113803	14	160			
Town & Country 3.7		01.78- 01.80	110236	14	60	01.78- 01.80	110223	12 1.1
Town & Country 3.8		01.01- 01.05	113803	14	160	01.94- 01.00	111492	12 1.4
Town & Country 3.8 LX					01.96- 01.98	111492	12	1.4
Town & Country 3.8 LXI					01.96- 01.98	111492	12	1.4
Town & Country 3.8 SX					01.97- 01.98	111492	12	1.4
Town & Country 5.2		01.78- 01.80	110236	14	60	01.78- 01.80	110223	12 1.1
Town & Country 5.9		01.61- 01.64	110074	14	60	01.78- 01.79	110222	12 1.3
		01.78- 01.79	110236	14	60			

## STARTERS & ALTERNATORS





Town & Country 6.3		01.70- 01.71	110236	14	60		01.65-	110223	12	1.1	
		01.61- 01.69	110074	14	60		01.68- 01.71	110222	12	1.3	
Town & Country 6.6		01.72- 01.77	110236	14	60		01.72- 01.77	110222	12	1.3	
Town & Country 6.8		01.60- 01.65	110074	14	60						
Town & Country 7.0		01.63- 01.63	110074	14	60						
Town & Country 7.2		01.70- 01.77	110236	14	60		01.68- 01.77	110222	12	1.3	
		01.68- 01.69	110074	14	60						
Voyager 3.3		01.01- 01.05	113803	14	160		09.03- 12.08	115783	12	1.4	
Voyager 3.3		01.01- 01.05	113803	14	160						
Voyager 3.3 LX		01.01- 01.05	113803	14	160						
Windsor 6.3		01.60-	110074	14	60						
6.3		01.68- 01.69	110074	14	60		01.68- 01.69	110222	12	1.3	
<b>PASSENGER CARS AO</b>											
300 C 6.1 SRT8	[ESF]	06.05- 11.12	114832	14	180						
Cirrus 2.0 LX	[ECB]	10.97- 09.00	113067	14	90						
Cirrus 2.4 LX	[EDZ]	05.94- 09.00	113067	14	90						
Cirrus 2.5 LX	[EEB]						10.94- 09.00	112846	12	1.4	
Concorde 2.7 LX	[EER]						10.97- 09.03	114328	12	1.6	
PT Cruiser 2.0	[ECC]	10.04-	116020	14	100						
Sebring 2.5 LE	[EEB]	05.95- 09.00	113069	14	125		05.95- 09.00	112846	12	1.4	
<b>MARINE</b>											
Various models								01.66- 01.84	110636	12	0.6
<b>Citroen</b>											
<b>PASSENGER CARS EU</b>											
2CV 4 0.4	[A53]	03.63- 02.70	110743	14	30	A30	03.63- 02.70	111100	12	0.7	
	[A79/1]	01.70- 12.75	110743	14	30	A30	01.70- 12.75	111100	12	0.7	
2CV 6 0.6	[A06/635]	02.70- 07.90	110743	14	30		02.70- 07.90	111100	12	0.7	
	[A06/664]	02.70- 07.90	110743	14	30		02.70- 07.90	111100	12	0.7	
	[M2B/1]	09.75- 06.81	110743	14	30		09.75- 06.81	111100	12	0.7	
Acadiane 6 0.6	[A06/664]						08.78- 07.87	111100	12	0.7	
	[M2B (AM2)]						08.78- 10.88	111100	12	0.7	
Ami 6 0.6	[M2B]	05.68- 07.69	110743	14	30		05.68- 07.69	111100	12	0.7	
Ami 8 0.6	[M2B]	07.69- 12.77	110743	14	30		07.69- 12.77	111100	12	0.7	
Ami Super 1.0	[G10]	03.68- 06.78	110743	14	30						
AX 1.0	[C1A]	09.86- 06.92	111841	14	50		09.86- 06.92	110584	12	1.2	
		09.86- 06.92	112754	14	70						
AX 10 1.0	[C3A]	12.86- 12.88	110077	14	50		12.86- 12.88	110584	12	1.2	
		12.86- 12.88	111841	14	50						
		12.86- 12.88	112754	14	70						
	[CDY (TU9M)]	07.86- 12.98	110077	14	50		07.86- 12.98	110584	12	1.2	
		07.86- 12.98	111841	14	50						
		07.86- 12.98	112754	14	70						
	[CDZ (TU9M)]	02.87- 12.98	110077	14	50		07.92-	110584	12	1.2	
		02.87- 12.98	112754	14	70						
		07.92-	111841	14	50						
		AC	02.87- 12.98	114026	14	80					
	AX 11 1.1	[H1A]	12.86- 04.94	110077	14	50		12.86- 04.94	110584	12	1.2
			12.86- 04.94	111841	14	50					
12.86- 04.94			112754	14	70						
[H1B]		09.86- 12.97	110077	14	50		12.86- 07.96	110584	12	1.2	
		09.86- 12.97	112754	14	70						
		10.86- 07.96	111841	14	50						
[HAZ (TU1CP)]		09.88- 12.89	110077	14	50		09.88- 12.89	110584	12	1.2	
		09.88- 12.89	111841	14	50						
		09.88- 12.89	112754	14	70						
[HDZ (TU1M)]		09.86- 12.97	110077	14	50						
		09.86- 12.97	112754	14	70						
AX 11 1.1 4x4		[H1A (TU1)]	06.91- 07.92	110077	14	50		06.91- 07.92	110584	12	1.2
	06.91- 07.92		111841	14	50		06.91- 07.92	111994	12	0.7	
	06.91- 07.92		112754	14	70						
	AC		06.91- 07.92	114026	14	80					
AX 13 1.3 Sport	[M4A]	04.87- 12.88	110077	14	50		04.87- 12.88	110584	12	1.2	
		04.87- 12.88	111841	14	50						
		04.87- 12.88	112754	14	70						
AX 14 1.4	[K1F (TU3A)]	06.88- 12.89	110077	14	50		06.88- 12.89	110584	12	1.2	
		06.88- 12.89	111841	14	50						
		06.88- 12.89	112754	14	70						
	[K2A]	01.88- 12.92	110077	14	50		01.88- 07.91	110584	12	1.2	
		01.88-	111841	14	50						
		01.88- 12.92	112754	14	70						
	[K2B]	01.88- 12.92	110077	14	50		01.88- 07.91	110584	12	1.2	
		01.88-	111841	14	50						
		01.88- 12.92	112754	14	70						
	[KAY (TU3CP)]	10.86- 12.88	111841	14	50		12.86- 12.88	110584	12	1.2	
		12.86- 12.88	110077	14	50						
		12.86- 12.88	112754	14	70						
	[KDX (TU3M/Z)]	04.87- 04.97	110077	14	50		03.89- 04.91	110584	12	1.2	
		04.87- 04.97	112754	14	70						
		03.89-	111841	14	50						
	[KDY (TU3FM)]	04.87- 04.97	110077	14	50		03.89- 04.91	110584	12	1.2	
		04.87- 04.97	112754	14	70						
		03.89-	111841	14	50						
[KDY (TU3M)]	04.87- 04.97	110077	14	50		04.87- 04.97	110584	12	1.2		
	04.87- 04.97	112754	14	70							
	04.87- 04.97	110077	14	50		04.87- 04.97	110584	12	1.2		
[KDZ (TU3M/Z)]	04.87- 04.97	110077	14	50		04.87- 04.97	110584	12	1.2		
	04.87- 04.97	112754	14	70							
AX 14 1.4 4x4	[KDX (TU3M/Z)]	08.91- 12.96	110077	14	50		01.93- 12.96	110584	12	1.2	
		08.91- 12.96	112754	14	70						
		01.93- 12.96	111841	14	50						
	[KDY (TU3FM)]	06.90- 12.96	111841	14	50		06.90- 12.96	110584	12	1.2	
		08.91- 12.96	110077	14	50						
		08.91- 12.96	112754	14	70						
	[KDY (TU3M)]	06.90- 12.96	110077	14	50		06.90- 12.96	110584	12	1.2	
		06.90- 12.96	111841	14	50						
		08.91- 12.96	112754	14	70						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**CITROEN** Continued

	[KDZ (TU3M/Z)]	06.88- 05.90 111841 08.91- 12.96 110077 08.91- 12.96 112754	14 50 14 50 14 70	06.88- 05.90	110584	12 1.2
AX 14 1.4 GTi	[KFZ (TU3FJ2)]	06.91- 12.92 110077 06.91- 12.92 111841 06.91- 12.92 112754	14 50 14 50 14 70	06.91- 12.92	110584	12 1.2
AX 14 1.4 i	[KFY (TU3FJ2)]	08.91- 12.96 110077 08.91- 111841 08.91- 12.96 112754	14 50 14 50 14 70	10.87- 07.91	110584	12 1.2
	[KFZ (TU3FJ2)]	06.91- 12.96 110077 06.91- 111841 06.91- 12.96 112754	14 50 14 50 14 70	10.87- 07.91	110584	12 1.2
AX 14 1.4 Diesel	[K9A (TUD3)]	09.88- 06.92 110077 09.88- 06.92 110619 09.88- 06.92 111841 09.88- 06.92 112754	14 50 14 70 14 50 14 70	09.88- 06.92	111029	12 1.4
	[K9Y (TUD3Y)]	08.91- 12.97 110077 08.91- 12.97 110619 08.91- 12.97 111841 08.91- 12.97 112754	14 50 14 70 14 50 14 70	08.91- 12.97	111029	12 1.4
AX 15 1.5 Diesel	[VJY (TUD5)]	08.94- 111532 08.94- 111841 08.94- 112287	14 80 14 50 14 70	08.94-	111029	12 1.4
	[VJZ (TUD5)]	08.94- 111532 08.94- 111841 08.94- 112287	14 80 14 50 14 70	08.94-	111029	12 1.4
Berlingo 1.1 i	[HDZ (TU1M)]	07.96- 110619 07.96- 111723 07.96- 112782	14 70 14 70 14 80	07.96-	110584	12 1.2
	[HFX (TU1JP)]	07.96- 110619 07.96- 111723 07.96- 112782	14 70 14 70 14 80	06.00- 11.02 07.96-	111994 110584	12 0.7 12 1.2
Berlingo 1.4 i	[KFW (TU3JP)]	07.96- 110619 07.96- 111723 07.96- 112782 07.96- 113404	14 70 14 70 14 80 14 90	07.96- 06.00- 11.02	110584 111994	12 1.2 12 0.7
	[KFX (TU3JP)]	07.96- 110619 07.96- 111723 07.96- 112782 07.96- 113404	14 70 14 70 14 80 14 90	07.96-	110584	12 1.2
Berlingo 1.4 Bivalent	[KFW (TU3JP)]	11.02- 113405 11.02- 113575	14 70 14 80	11.02-	110584	12 1.2
Berlingo 1.4 i Bivalent	[KFW (TU3JP)]	11.02- 112469 04.03- 113575	14 90 14 80	11.02-	110584	12 1.2
Berlingo 1.6	[5FK (EP6CB)]	07.10- 115604	14 150	07.10-	113960	12 0.9
	[5FS (EP6C)]	11.09- 114752* 11.09- 114771* 11.09- 114811 11.09- 115604	14 80 14 150 14 120 14 150	11.09-	113960	12 0.9
Berlingo 1.6 16V	[NFU (TU5JP4)]	10.00- 112648 10.00- 113575	14 70 14 80	10.00- 10.00-	110584 111994	12 1.2 12 0.7
Berlingo 1.6 VTi	[5FK (EP6CB)]	07.10- 114811 07.10- 115604	14 120 14 150	07.10-	113960	12 0.9
Berlingo 1.6 VTi 120	[5FS (EP6C)]			11.09-	113960	12 0.9
Berlingo 1.6 BlueHDi 100	[BHY (DV6FD)]			12.14- 12.14- 12.14-	113254 113933 114030	12 1.4 12 1.5 12 2.2
Berlingo 1.6 BlueHDi 120	[BHZ (DV6FC)]			12.14-	113933	12 1.5
Berlingo 1.6 BlueHDi 75	[9HN (DV6ETED)]			04.15- 04.15- 04.15-	113254 113933 114030	12 1.4 12 1.5 12 2.2
	[BHW (DV6FE)]			04.15- 04.15- 04.15-	113254 113933 114030	12 1.4 12 1.5 12 2.2
Berlingo 1.6 HDi	[9HL (DV6C)]			07.10- 07.10-	113933 114030	12 1.5 12 2.2
	[9HN (DV6ETED4)]	04.08- 113640 04.08- 113946	14 150 14 90	04.08- 04.08-	113254 114030	12 1.4 12 2.2
	[9HR (DV6C)]			07.10- 07.10-	113933 114030	12 1.5 12 2.2
	[9HS (DV6TED4BU)]	04.08- 113640 04.08- 116067	14 150 14 150	04.08-	114030	12 2.2
	[9HT (DV6BUTED4)]	04.08- 113640 04.08- 113946	14 150 14 90	04.08- 04.08-	113254 114030	12 1.4 12 2.2
	[9HT(DV6BTED4)]	04.08- 113946 04.08- 115369	14 90 14 150	04.08- 04.08-	113254 114030	12 1.4 12 2.2
	[9HW (DV6BTED4)]	07.05- 113640	14 150	07.05- 07.05-	114460 113254	12 1.4 12 1.4
	[9HX (DV6ATED4)]	07.05- 113640 04.08- 116067 AC 07.05- 113640	14 150 14 150 14 150	07.05- 09.05-	114030 113254	12 2.2 12 1.4
	[9HZ (DV6TED4)]			08.05-	114030	12 2.2
	[DV6B]	07.05- 113640	14 150	07.05- 01.06-	114460 113254	12 1.4 12 1.4
Berlingo 1.6 HDi 110	[9HL (DV6C)]			07.10- 07.10-	113933 114030	12 1.5 12 2.2
	[9HR (DV6C)]			07.10- 07.10-	113933 114030	12 1.5 12 2.2
Berlingo 1.6 HDi 115	[9HL (DV6C)]			07.10- 07.10-	113933 114030	12 1.5 12 2.2
	[9HR (DV6C)]			07.10- 07.10-	113933 114030	12 1.5 12 2.2
Berlingo 1.6 HDi 90	[9HF (DV6DTED)]			07.10- 07.10-	113254 114030	12 1.4 12 2.2



	[9HP (DV6DTEd)]					07.10-	113254	12 1.4
						07.10-	113933	12 1.5
						07.10-	114030	12 2.2
	[9HX (DV6ATED4)]					07.10-	113254	12 1.4
						07.10-	113933	12 1.5
						07.10-	114030	12 2.2
	[9HX(DV6ATED4)]	04.08-	113640	14 150		04.08-	114030	12 2.2
						07.10-	113254	12 1.4
						07.10-	113933	12 1.5
Berlingo 1.6 HDi 92	[9HJ (DV6DTEdM)]					07.10-	113254	12 1.4
						07.10-	114030	12 2.2
Berlingo 1.8 i	[LFX (XU7JB)]	05.97- 10.02	111318	14 80		05.97- 10.02	111130	12 1.1
		05.97- 10.02	113604	14 95	A13	05.97- 10.02	113443	12 1.4
Berlingo 1.8 i 4WD	[LFX (XU7JB)]	05.97- 11.02	111318	14 80		05.97- 11.02	111130	12 1.1
		05.97-	113604	14 95		05.97- 11.02	113443	12 1.4
Berlingo 1.8 Diesel	[A9A (XUD7)]	07.96- 11.02	111893	14 70		07.96-	114460	12 1.4
		07.96- 11.02	112230	14 80		07.96- 11.02	111070	12 1.7
		07.96- 11.02	112292	14 70				
		07.96- 11.02	112688	14 95				
		07.96- 11.02	112703	14 120				
		07.96- 11.02	113485	14 80				
	PS	07.96-	111893	14 70				
	PS	07.96-	112688	14 95				
	PS	07.96-	113485	14 80				
Berlingo 1.9 Diesel	[D9B (XUD9A/L)]	PS 07.96- 11.02	111893	14 70		07.96-	111070	12 1.7
	[DJY (XUD9A)]	07.96-	112230	14 80		07.96-	111070	12 1.7
		07.96-	112292	14 70		07.96-	114460	12 1.4
	ACPS	07.96-	113485	14 80				
	AC	07.96-	112688	14 95				
	AC	07.96-	112703	14 120				
	[WJY (DW8B)]	07.98-	112058	14 70		07.98-	111070	12 1.7
		07.98-	112480	14 90		07.98-	114460	12 1.4
		07.98-	113503	14 120				
		04.99- 11.02	113603	14 80				
	PS	04.99-	112480	14 90				
	PS	04.99-	113503	14 120				
	ACPS	04.99-	112480	14 90				
	ACPS	04.99-	113503	14 120				
	[WJZ (DW8)]	07.98-	112058	14 70		07.98-	111070	12 1.7
		07.98- 11.02	113603	14 80		07.98-	114460	12 1.4
		PS	07.98-	112480	14 90			
		PS	07.98-	113503	14 120			
		ACPS	07.98-	112480	14 90			
		ACPS	07.98-	113503	14 120			
Berlingo 1.9 Diesel 4WD	[WJY (DW8B)]	07.98- 11.02	112058	14 70		07.98- 11.02	111070	12 1.7
		07.98- 11.02	112480	14 90		07.98-	114460	12 1.4
		07.98- 11.02	113503	14 120				
	[WJZ (DW8)]	07.98- 11.02	112058	14 70		07.98- 11.02	111070	12 1.7
		07.98- 11.02	112480	14 90		07.98-	114460	12 1.4
		07.98- 11.02	113503	14 120				
Berlingo 2.0 HDi	[RHY (DW10TD)]	11.02-	113603	14 80		12.99-	111070	12 1.7
		11.02-	113755	14 150		12.99-	114460	12 1.4
		12.99-	112460	14 150				
		12.99- 11.02	112480	14 90				
		12.99- 11.02	113503	14 120				
		12.99-	113948	14 150				
Berlingo 2.0 HDi 4WD	[RHY (DW10TD)]	12.99- 11.02	112058	14 70		12.99- 11.02	111070	12 1.7
		12.99- 11.02	112460	14 150		11.00-	114460	12 1.4
		12.99- 11.02	112480	14 90				
		12.99- 11.02	113503	14 120				
BX 1.4	[150C]					07.88- 01.93	110584	12 1.2
						07.88- 01.93	110584	12 1.2
BX 1.6	[B6D]					07.82- 01.93	110587	12 1.2
BX 1.9 Diesel						09.83- 01.93	111070	12 1.7
BX 11 1.1	[H1A]	09.83- 06.88	111075	14 55		06.88- 06.92	110584	12 1.2
		07.88- 06.92	111841	14 50		10.86- 05.88	111068	12 0.85
BX 11	[HDZ (TU1M)]	05.88- 09.91	111841	14 50		10.88- 06.92	110584	12 1.2
		10.88- 06.92	110077	14 50				
BX 14 1.4	[150A]	10.82- 06.88	111075	14 55		11.84- 06.88	111068	12 0.85
		10.82- 06.88	111402	14 50				
	[150C]	10.82- 10.88	111402	14 50		04.88- 02.93	110584	12 1.2
		04.83- 02.93	110077	14 50		11.84- 02.93	111068	12 0.85
		04.83- 07.88	111075	14 55				
		04.83- 02.93	111841	14 50				
		04.83- 02.93	112754	14 70				
	[150F]	10.82- 10.88	111402	14 50		04.88- 02.93	110584	12 1.2
		09.85- 02.93	110077	14 50		09.85- 02.93	111068	12 0.85
		09.85- 07.88	111075	14 55				
		09.85- 02.93	112754	14 70				
		07.88- 02.93	111841	14 50				
	[K1G]	04.83- 07.89	110077	14 50		04.88- 07.89	110584	12 1.2
		04.83- 07.88	111075	14 55		11.84- 04.88	111068	12 0.85
		07.88- 07.89	111841	14 50				
	[K1H (TU3A)]	01.89- 12.89	110077	14 50		01.89- 12.89	110584	12 1.2
		01.89- 12.89	110619	14 70		01.89- 12.89	111068	12 0.85
		01.89- 12.89	111076	14 50				
		01.89- 12.89	111841	14 50				
		01.89- 12.89	112754	14 70				
	[KDY (TU3M)]	01.89- 02.93	110077	14 50		01.89- 02.93	110584	12 1.2
		01.89- 02.93	111841	14 50				
		01.89- 02.93	112754	14 70				
	[KDZ (TU3M/Z)]	01.89- 02.93	110077	14 50		01.89- 02.93	110584	12 1.2
		01.89- 02.93	111841	14 50		01.89- 02.93	111068	12 0.85
		01.89- 02.93	112754	14 70				
BX 15 1.6	[B1E (XU51C)]	10.87- 05.92	111076	14 50		10.87- 05.92	110587	12 1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**CITROEN** *Continued*

BX 16 1.6	[171A]	10.82-06.88	111076	14 50	10.82-06.88	110587	12 1.2
		06.85-06.88	112162	14 70	06.85-06.88	111130	12 1.1
	[171B]	10.82-06.88	111076	14 50	10.82-06.88	110587	12 1.2
		06.85-06.88	112162	14 70	06.85-06.88	111130	12 1.1
	[171C]	07.84-06.88	111076	14 50	07.84-06.88	110587	12 1.2
		06.85-06.88	112162	14 70	06.85-06.88	111130	12 1.1
	[171D]	07.85-12.94	111076	14 50	07.85-12.94	110587	12 1.2
	[180Z]	03.86-12.94	111076	14 50	03.86-12.94	110587	12 1.2
	[B1A (XU52C/K)]	09.87-02.93	111076	14 50	09.87-02.93	110587	12 1.2
	[B1E (XU51C)]	09.87-12.94	111076	14 50	09.87-12.94	110587	12 1.2
		09.88-12.94	111075	14 55			
	[BAY (XU5CP)]	09.88-	111076	14 50	09.88-	110587	12 1.2
	[BAZ (XU5CP)]	09.88-	111076	14 50	09.88-02.93	111070	12 1.7
	[BDY (XU5M)]	05.89-12.94	111076	14 50	05.89-12.94	110587	12 1.2
				05.89-12.94	111130	12 1.1	
	[BDZ (XU5M)]	05.89-02.93	111076	14 50	05.89-02.93	110587	12 1.2
	[XU52C]	10.82-08.84	111076	14 50	10.82-08.84	110587	12 1.2
BX 16 1.9	[BAY (XU5CP)]	09.88-	111076	14 50	09.88-	110587	12 1.2
BX 17 1.7 TD	[A8A (XUD7TE)]	03.88-12.94	112162	14 70			
BX 17 1.8 Diesel	[161 (XUD7)]	10.85-09.93	111076	14 50	10.85-09.93	111070	12 1.7
	[161A (XUD7)]	10.85-09.93	111076	14 50	10.85-09.93	111070	12 1.7
BX 17 1.8 TD	[AJZ (XUD7TE)]	03.88-12.94	112162	14 70			
BX 19 1.8 Turbo TRD	[AJZ (XUD7TE)]	02.88-12.94	112162	14 70	02.88-12.94	111070	12 1.7
BX 19 1.9	[159A]	07.86-05.89	111076	14 50	07.86-05.89	110587	12 1.2
	[D2A (XU92C)]	07.86-05.89	111075	14 55	07.86-05.89	111130	12 1.1
		07.86-12.94	111076	14 50	07.86-12.94	110587	12 1.2
	[D2C (XU92C)]	09.86-12.89	111076	14 50	09.86-12.89	110587	12 1.2
	[DDZ (XU9M)]	06.88-12.94	111076	14 50	06.88-12.94	110587	12 1.2
	[DFZ (XU9J1)]	07.86-	111076	14 50	07.86-	110587	12 1.2
	[DKZ (XU9JA)]	06.88-12.94	111076	14 50	06.88-12.94	110587	12 1.2
BX 19 1.9 4x4	[D2F]	04.89-02.93	111076	14 50	04.89-02.93	111070	12 1.7
	[DDZ (XU9M)]	10.90-05.91	111076	14 50	10.90-05.91	110587	12 1.2
					A13 10.90-05.91	111070	12 1.7
BX 19 1.9 GTi 4x4	[DKZ (XU9JA)]	06.88-02.93	111076	14 50	06.88-02.93	111130	12 1.1
BX 19 1.9 GTi 16V	[D6C (XU9J4)]	09.87-12.88	111076	14 50	09.87-12.88	110587	12 1.2
	[DFW (XU9J4)]	03.88-02.93	111076	14 50	03.88-02.93	110587	12 1.2
BX 19 1.9 GTi	[D6A (XU9J2)]	07.86-02.93	111076	14 50	07.86-02.93	111130	12 1.1
BX 19 1.9 Diesel	[162 (XUD9)]	09.83-12.87	111076	14 50	09.83-08.95	111070	12 1.7
	[D9A (XUD9)]	09.83-12.87	111076	14 50	09.83-12.87	111070	12 1.7
	[D9B (XUD9A/U)]	03.87-12.94	111076	14 50	03.87-12.94	111070	12 1.7
	[DJZ (XUD9Y)]	09.83-12.87	111076	14 50	09.83-12.87	111070	12 1.7
BX 19 1.9 Turbo TRD	[A8A (XUD7TE)]	03.88-02.93	112162	14 70	03.88-12.94	111070	12 1.7
C1 1.0	[1KR-FE]	06.05-	114090	14 70	06.05-	113963	12 1.1
		06.05-	114099	14 80			
C1 1.2 82	[HMT (EB2D)]				04.14-	116092*	12 1.0
C1 1.4 HDi	[DV4D]	06.05-	113755	14 150	06.05-	113254	12 1.4
		06.05-	113948	14 150	06.05-	113933	12 1.5
C15 1.0	[TU9]	10.84-12.97	110077	14 50			
	[XV8]	10.84-12.97	110077	14 50	05.88-06.95	110584	12 1.2
		05.88-06.95	111841	14 50			
C15 1.1 E	[109K]	10.84-07.88	111075	14 55	10.84-05.88	111068	12 0.85
C15 1.1 i.e.	[HDZ (TU1M)]	07.88-12.96	110077	14 50	07.88-12.96	110584	12 1.2
		07.88-12.96	111841	14 50			
		07.88-12.96	112754	14 70			
C15 1.3	[G1A]	07.87-05.88	110077	14 50			
		07.87-05.88	111841	14 50			
C15 1.4	[K1H (TU3A)]	07.87-12.96	110077	14 50	07.87-12.96	110584	12 1.2
		07.87-12.96	111841	14 50			
		07.87-12.96	112754	14 70			
		05.87-07.96	111841	14 50	05.87-07.96	110584	12 1.2
		05.87-07.96	112754	14 70			
C15 1.4 E	[150D (XY7)]	01.86-01.87	111075	14 55	07.86-	110584	12 1.2
C15 1.4 i	[K3A]	07.87-	111841	14 50	07.87-	110584	12 1.2
		07.87-12.96	112754	14 70			
C15 1.4 i.e.	[KDY (TU3FM)]	05.91-12.96	110077	14 50	05.91-	110584	12 1.2
		05.91-	111841	14 50			
		05.91-12.96	112754	14 70			
	[KDY (TU3M)]	05.91-12.96	110077	14 50	05.91-	110584	12 1.2
		05.91-	111841	14 50			
		05.91-12.96	112754	14 70			
C15 1.8 Diesel	[161A (XUD7)]	07.84-	111076	14 50	07.86-	111070	12 1.7
		07.86-	112162	14 70			
C15 1.9 Diesel	[WJX (DW8B)]	12.00-	112058	14 70	12.00-	111070	12 1.7
					12.00-12.05	114460	12 1.4
C2 1.1	[HFX (TU1JP)]	09.03-	113246	14 90	06.03-	110584	12 1.2
		09.03-	113250	14 70	06.03-	111994	12 0.7
		09.03-	115474	14 80			
C2 1.4	[KFV (TU3JP)]	09.03-	113246	14 90	06.03-	110584	12 1.2
		09.03-	113250	14 70	06.03-	111994	12 0.7
		09.03-	115474	14 80			
C2 1.4 16V	[KFU (ET3J4)]	06.06-	113246	14 90			
		06.06-	113250	14 70			
		A25 06.06-	114044	14 150			
C2 1.4 HDi	[8HX (DV4TD)]	09.03-	113640	14 150	06.03-	113254	12 1.4
		09.03-	113755	14 150	09.03-	113933	12 1.5
		09.03-	113948	14 150			
	[8HZ (DV4TD)]	09.03-	113640	14 150	09.03-	113254	12 1.4
		09.03-	113755	14 150	09.03-	113933	12 1.5
		09.03-	113948	14 150			
C2 1.6	[NFU (TU5JP4)]	09.03-	113246	14 90	06.03-	110584	12 1.2
		09.03-	113250	14 70	06.03-	111994	12 0.7
C2 1.6 VTS	[NFS (TU5JP4S)]	01.05-	113246	14 90	10.04-	110584	12 1.2
		01.05-	113405	14 70			
C2 1.6 HDi	[9HZ (DV6TED4)]				09.05-	114030	12 2.2
C25 1.8 E	[169 (XM7T)]				07.87-02.94	110793	12 0.9
C25 1.9 Diesel	[D9B (XUD9A/U)]	07.87-02.94	111076	14 50	07.87-02.94	111070	12 1.7

## STARTERS & ALTERNATORS



C25 1.9 TD	[M705]	04.92- 02.94	113187	14	85	04.92-	111421	12	2.2
C25 2.0	[170A (XN1T)]					09.81- 03.94	111066	12	1.05
	[170B (XN1T)]					09.81- 03.94	110793	12	0.9
						09.81- 02.94	111066	12	1.05
	[170C (XN1T)]					02.91-	110793	12	0.9
						02.91- 02.94	111066	12	1.05
C25 2.5 Diesel	[CRD93L]	07.81- 02.94	111071	14	75	07.81- 02.94	111115	12	2.2
C25 2.5 Diesel 4x4	[CRD93L]	01.81-	111071	14	75	01.87- 02.94	111070	12	1.7
						01.87- 02.94	111115	12	2.2
C25 2.5 TD	[CRD93LS]					08.87- 02.94	111115	12	2.2
C25 2.5 TD 4x4	[CRD93LS]					08.87- 02.94	111115	12	2.2
C25 E 1.8	[169 (XM7T)]					10.81- 02.94	111066	12	1.05
C3 1.0 VTi 68	[ZMZ (EB0)]	08.12-	115546	14	80	08.12-	113960	12	0.9
						08.12-	116092*	12	1.0
C3 1.1 i	[HFX (TU1JP)]	02.02-	113246	14	90	02.02-	110584	12	1.2
		02.02-	113250	14	70	02.02-	111994	12	0.7
		02.02-	115474	14	80				
C3 1.1 Flexfuel		11.10-	114707	14	80	11.10-	110584	12	1.2
C3 1.2 THP Picasso	[HNZ (EB2DT)]	01.15-	115546	14	80				
C3 1.2 VTi 82	[HMZ (EB2F)]	06.12-	115546	14	80	06.12-	113960	12	0.9
						06.12-	116092*	12	1.0
C3 1.4	[KFT (TU3A)]	11.09-	114707	14	80	11.09-	110584	12	1.2
						11.09-	111994	12	0.7
	[KVF (TU3A)]	11.09-	114707	14	80	11.09-	110584	12	1.2
						11.09-	111994	12	0.7
	[KFV (TU3JP)]	05.03-	113246	14	90	05.03-	110584	12	1.2
		05.03-	113250	14	70	05.03-	111994	12	0.7
		05.03-	115474	14	80				
C3 1.4 Picasso	[8FP (EP3)]					02.09-	113960	12	0.9
	[8FS (EP3)]	02.09-	114752*	14	80	02.09-	113960	12	0.9
		02.09-	114811	14	120				
C3 1.4 16V	[8FP (EP3)]					11.09-	113960	12	0.9
	[KFU (ET3J4)]	12.03-	113246	14	90	12.03-	110584	12	1.2
		12.03-	113250	14	70	12.03-	111994	12	0.7
		A25 12.03-	114044	14	150				
C3 1.4 i Bivalent	[KFV (TU3JP)]	02.02-	113246	14	90	02.02-	110584	12	1.2
		02.02-	113250	14	70	02.02-	111994	12	0.7
		02.02-	115474	14	80				
C3 1.4 i	[KFV (TU3A)]	02.02-	113246	14	90	02.02-	111994	12	0.7
		02.02-	115438	14	120				
		02.02-	115474	14	80				
	[KFV (TU3JP)]	02.02-	113246	14	90	02.02-	110584	12	1.2
		02.02-	115438	14	120	02.02-	111994	12	0.7
		02.02-	115474	14	80				
C3 1.4 VTi	[8FR (EP3)]	11.09-	114752*	14	80	11.09-	113960	12	0.9
		11.09-	114811	14	120				
C3 1.4 BiFuel Picasso	[8FN (EP3)]	01.12-	114811	14	120	01.12-	113960	12	0.9
C3 1.4 Flexfuel		11.09-	113246	14	90	11.09-	110584	12	1.2
		11.09-	113250	14	70				
		11.09-	115438	14	120				
C3 1.4 HDi 16V	[8HY (DV4TED4)]	02.02-	113755	14	150	09.01-	113254	12	1.4
						02.02-	113933	12	1.5
C3 1.4 HDi	[8HR (DV4C)]	11.09-	113640	14	150	11.09-	113933	12	1.5
		11.09-	115369	14	150				
	[8HX (DV4TD)]	02.02-	113755	14	150	02.02-	113933	12	1.5
		04.04-	113640	14	150	09.01-	113254	12	1.4
	[8HZ (DV4TD)]	11.09-	113640	14	150	11.09-	113933	12	1.5
		11.09-	115369	14	150				
C3 1.6	[NFU (TU5JP4)]	05.03-	113246	14	90	05.03-	110584	12	1.2
		05.03-	113250	14	70	05.03-	111994	12	0.7
C3 1.6 Picasso	[5FS (EP6C)]	02.09-	114752*	14	80	02.09-	113960	12	0.9
		02.09-	114811	14	120				
	[5FV (EP6)]	02.09-	114752*	14	80	02.09-	113960	12	0.9
		02.09-	114811	14	120				
C3 1.6 16V	[5FS (EP6C)]					11.09-	113960	12	0.9
	[NFU (TU5JP4)]	02.02- 09.05	113246	14	90	02.02- 09.05	110584	12	1.2
		02.02- 09.05	113250	14	70	02.02- 09.05	111994	12	0.7
C3 1.6 Bioflex		06.05-	113246	14	90	06.05-	110584	12	1.2
		06.05-	113250	14	70				
C3 1.6 Flexfuel		11.09-	113246	14	90	11.09-	110584	12	1.2
		11.09-	113250	14	70				
C3 1.6 HDi 16V	[9HX (DV6ATED4)]	10.05-	113640	14	150	10.05-	113254	12	1.4
						10.05-	113933	12	1.5
						10.05-	114030	12	2.2
	[9HZ (DV6TED4)]	09.05-	113640	14	150	09.05-	111848	12	1.0
						09.05-	113254	12	1.4
						09.05-	113933	12	1.5
						09.05-	114030	12	2.2
C3 1.6 HDi	[9HP (DV6DTED)]					11.09-	113254	12	1.4
						11.09-	113933	12	1.5
	[9HX (DV6ATED4)]					10.05-	113254	12	1.4
						10.05-	114030	12	2.2
C3 1.6 HDi 115	[9HD (DV6C)]					09.12-	113254	12	1.4
						09.12-	114030	12	2.2
C3 1.6 HDi 115 Picasso	[9HD (DV6C)]					01.13-	113933	12	1.5
C3 1.6 HDi Picasso	[9HP (DV6DTED)]					07.10-	113254	12	1.4
	[9HZ (DV6TED4)]					02.09-	114030	12	2.2
C3 1.6 HDi Picasso 110	[9HR (DV6C)]					05.10-	113933	12	1.5
C4 1.2 THP Picasso	[HNY (EB2DTS)]					04.14-	113960	12	0.9
C4 1.4	[8FP (EP3C)]	11.09-	114811	14	120	11.09-	113960	12	0.9
		11.09-	115604	14	150				
C4 1.4 16V	[KFU (ET3J4)]	11.04-	113246	14	90	11.04-	110584	12	1.2
		11.04-	113405	14	70	11.04-	111994	12	0.7
C4 1.6 155	[5FV (EP6CDT)]	09.13-	115604	14	150				
C4 1.6 Grand Picasso	[5FT (EP6DT)]					07.08-	113960	12	0.9
C4 1.6 Picasso	[5FT (EP6DT)]					07.08-	113960	12	0.9

## STARTERS & ALTERNATORS

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**CITROEN** *Continued*

C4 1.6 Picasso THP 155	[5FV (EP6CDT)]	09.10-	112772	14 120	09.10-	113960	12 0.9
		09.10-	115604	14 150			
C4 1.6 THP 140	[5FT (EP6DT)]				07.08-	113960	12 0.9
C4 1.6 THP 150	[5FX (EP6DT)]				07.08-	113960	12 0.9
C4 1.6 16V	[5FS (EP6C)]				11.09-	113960	12 0.9
	[5FV (EP6CDT)]	11.09-	114811	14 120	11.09-	113960	12 0.9
		11.09-	115604	14 150			
	[NFU (TU5JP4)]	11.04-	113246	14 90	11.04-	110584	12 1.2
		11.04-	113405	14 70	11.04-	111994	12 0.7
C4 1.6 16V Grand Picasso	[5FX (EP6DT)]				10.08-	113960	12 0.9
C4 1.6 16V Picasso	[5FX (EP6DT)]				07.08-	113960	12 0.9
C4 1.6 THP	[5FV (EP6CDT)]	02.13-	114811	14 120	02.13-	113960	12 0.9
		02.13-	115604	14 150			
C4 1.6 VTi	[5FW (EP6)]				07.08-	113960	12 0.9
C4 1.6 VTi 120	[5FS (EP6C)]	09.13-	115604	14 150			
C4 1.6 VTi 120 Picasso	[5FS (EP6C)]	02.13-	114811	14 120	02.13-	113960	12 0.9
		02.13-	115604	14 150			
C4 1.6 VTi Grand Picasso	[5FW (EP6)]				07.08-	113960	12 0.9
C4 1.6 VTi Picasso	[5FW (EP6)]	07.08-	114811	14 120	07.08-	113960	12 0.9
		07.08-	115604	14 150			
C4 1.6 Flexfuel		11.09-	113246	14 90	11.09-	110584	12 1.2
		11.09-	115438	14 120			
C4 1.6 BlueHDI 100	[BHY (DV6FD)]				07.14-	113254	12 1.4
C4 1.6 BlueHDI 115	[BHX (DV6FC)]				08.14-	113933	12 1.5
C4 1.6 BlueHDI 120	[BHZ (DV6FC)]				02.15-	113933	12 1.5
C4 1.6 E-HDi 110	[9HR]				09.10-	113933	12 1.5
					09.10-	114030	12 2.2
C4 1.6 HDi	[9HP (DV6DTED)]				11.09-	113254	12 1.4
	[9HR (DV6C)]				11.09-	113254	12 1.4
					11.09-	113933	12 1.5
	[9HX (DV6ATED4)]	11.04-	113640	14 150	11.04-	113254	12 1.4
					11.04-	113933	12 1.5
					11.04-	114030	12 2.2
	[9HY (DV6ATED4)]	11.04-	113640	14 150	11.04-	113254	12 1.4
					11.04-	113933	12 1.5
					11.04-	114030	12 2.2
	[9HY (DV6TED4)]	11.04-	113640	14 150	11.04-	113254	12 1.4
		07.06-	116067	14 150	11.04-	113933	12 1.5
					11.04-	114030	12 2.2
	[9HZ (DV6ATED4)]				11.04-	113254	12 1.4
					11.04-	113933	12 1.5
				11.04-	114030	12 2.2	
[9HZ (DV6TED4)]	07.06-	113640	14 150	11.04-	113254	12 1.4	
	07.06-	116067	14 150	11.04-	113933	12 1.5	
				11.04-	114030	12 2.2	
C4 1.6 HDi 110	[9HR]				09.10-	113933	12 1.5
					09.10-	114030	12 2.2
C4 1.6 HDi 115	[9HC (DV6C)]				09.13-	113254	12 1.4
					09.13-	113933	12 1.5
	[9HR (DV6C)]				07.12-	113254	12 1.4
					07.12-	114030	12 2.2
	[BHX (DV6FC)]				09.13-	113254	12 1.4
					09.13-	113933	12 1.5
C4 1.6 HDi 115 Picasso	[9HC (DV6C)]				02.13-	113254	12 1.4
					02.13-	113933	12 1.5
					02.13-	114030	12 2.2
	[BHX (DV6FC)]				02.13-	113254	12 1.4
					02.13-	113933	12 1.5
					02.13-	114030	12 2.2
C4 1.6 HDi 90	[9HP (DV6DTED)]				09.13-	113254	12 1.4
					09.13-	113933	12 1.5
C4 1.6 HDi 90 Picasso	[9HP (DV6DTED)]				02.13-	113254	12 1.4
					02.13-	113933	12 1.5
					02.13-	114030	12 2.2
C4 1.6 HDi Grand Picasso	[9HY (DV6TED4)]	10.06-	113640	14 150	10.06-	113933	12 1.5
	[9HZ (DV6TED4)]	10.06-	113640	14 150	10.06-	113933	12 1.5
C4 1.6 HDi Picasso	[9HY (DV6TED4)]	02.07-	113640	14 150	02.07-	113254	12 1.4
					02.07-	113933	12 1.5
					02.07-	114030	12 2.2
	[9HZ (DV6TED4)]	02.07-	113640	14 150	02.07-	113254	12 1.4
					02.07-	113933	12 1.5
					02.07-	114030	12 2.2
C4 1.6 HDi Picasso 110	[9HL (DV6C)]				09.10-	113933	12 1.5
					09.10-	114030	12 2.2
	[9HR (DV6C)]				09.10-	113933	12 1.5
					09.10-	114030	12 2.2
C4 1.6 VTi LPG	[5FS (EP6C)]				09.11-	113960	12 0.9
C4 1.8 16V Picasso	[6FY (EW7A)]	02.07-	115541	14 150	02.07-	114460	12 1.4
C4 1.8 i 16V Grand Picasso	[6FY (EW7A)]	10.06-	115541	14 150	10.06-	114460	12 1.4
C4 1.8 16V Picasso	[6FY (EW7A)]	01.09-	115371*	14 120			
		01.09-	115541	14 150			
C4 2.0 VTR	[RFJ (EW10A)]	10.06- 12.07	115371*	14 120	10.06- 12.07	114460	12 1.4
		10.06- 12.07	115541	14 150			
C4 2.0 16V	[RFJ (EW10A)]	11.04-	115541	14 150	11.04-	114460	12 1.4
					11.04-	111070	12 1.7
	[RFK (EW10J4S)]	11.04-	113755	14 150	11.04-	114460	12 1.4
					11.04-	111070	12 1.7
	[RFN (EW10J4)]	11.04-	113575	14 80	11.04-	111070	12 1.7
		11.04-	113718	14 70	11.04-	114460	12 1.4
C4 2.0 16V Picasso	[RFJ (EW10A)]	02.07-	115541	14 150	02.07-	114460	12 1.4
C4 2.0 i 16V Grand Picasso	[RFJ (EW10A)]	10.06-	115541	14 150	10.06-	114460	12 1.4
C4 2.0 Flexfuel	[RFJ (EW10A)]	11.09-	115541	14 150			
C4 2.0 BlueHDI 135	[AHV (DW10FDD)]				09.13-	113926	12 1.9
					09.13-	114460	12 1.4
					09.13-	114854	12 2.5
C4 2.0 HDi	[RHE (DW10CTED4) DTR]				11.09-	114460	12 1.4

## STARTERS & ALTERNATORS





	[RHF (DW10BTED4)]				07.08-	113926	12	1.9	
	[RHR (DW10BTED4)]	11.04-	113640	14	150	11.04-	114854	12	2.5
						11.04-	11070	12	1.7
						11.04-	113926	12	1.9
						11.04-	114460	12	1.4
	[RHZ (DW10ATED)]	04.07- 07.08	113640	14	150	04.07- 07.08	114460	12	1.4
C4 2.0 HDi 150	[AHX (DW10FD)]					09.13-	113926	12	1.9
						09.13-	114460	12	1.4
						09.13-	114854	12	2.5
C4 2.0 HDi Grand Picasso	[RHE (DW10CTED4)]	07.09-	115582	14	230	07.09-	113926	12	1.9
						07.09-	114460	12	1.4
	[RHJ (DW10BTED4)]	10.06-	113640	14	150				
	[RHR (DW10BTED4)]	10.06-	113640	14	150				
C4 2.0 HDi Picasso	[RHE (DW10CTED4)]	07.09-	115582	14	230	07.09-	113926	12	1.9
						07.09-	114460	12	1.4
	[RHJ (DW10BTED4)]	02.07-	113640	14	150	02.07-	113926	12	1.9
						02.07-	114854	12	2.5
	[RHR (DW10BTED4)]	02.07-	113640	14	150	02.07-	113926	12	1.9
						02.07-	114854	12	2.5
C4 2.0 HDi Picasso 165	[RHH (DW10CTED4)]	09.10-	115582	14	230	09.10-	111070	12	1.7
						09.10-	113926	12	1.9
						09.10-	114460	12	1.4
						09.10-	114854	12	2.5
C4 Cactus 1.2 82	[HMZ (EB2F)]					09.14-	116092*	12	1.0
C4 Cactus 1.2 VTi 75	[HMU (EB2D)]					09.14-	116092*	12	1.0
C4 Cactus 1.6 BlueHdi 100	[BHY (DV6FD)]					09.14-	113254	12	1.4
C4 Cactus 1.6 HDi 90	[9HP (DV6DTEd)]					09.14-	113254	12	1.4
						09.14-	114030	12	2.2
C5 1.6 THP 150	[5FN (EP6CDT)]	07.10-	114811	14	120	07.10-	113960	12	0.9
C5 1.6 16V X7	[5FV (EP6CDT)]	04.09-	114811	14	120	04.09-	113960	12	0.9
		04.09-	115604	14	150				
C5 1.6 THP	[5FN (EP6CDT)]	04.09-	114771*	14	150	04.09-	113960	12	0.9
		04.09-	114811	14	120				
		04.09-	115604	14	150				
C5 1.6 VTi	[5FS (EP6C)]	07.10-	114811	14	120	07.10-	113960	12	0.9
		07.10-	115604	14	150				
C5 1.6 HDi	[9HR (DV6C)]					07.10-	113933	12	1.5
						07.10-	114030	12	2.2
	[9HY (DV6TED4)]	09.04-	113640	14	150	09.04-	113254	12	1.4
						09.04-	113933	12	1.5
						09.04-	114030	12	2.2
	[9HZ (DV6TED4)]	09.04-	113640	14	150	09.04-	113933	12	1.5
						09.04-	113254	12	1.4
						09.04-	114030	12	2.2
C5 1.6 HDi 115	[9HR (DV6C)]					01.12-	113933	12	1.5
						01.12-	114030	12	2.2
C5 1.8 16V	[6FY (EW7A)]	09.05-	115371*	14	120	09.05-	114460	12	1.4
		09.05-	115541	14	150				
C5 1.8 16V X4	[6FZ (EW7J4)]	03.01-	112480	14	90				
		03.01- 09.04	113503	14	120				
		03.01- 09.04	113575	14	80				
		03.01- 09.04	113603	14	80				
		06.01-	112469	14	90				
		AC 03.01-	112469	14	90				
C5 1.8 16V X7	[6FZ (EW7J4)]	10.04-	113575	14	80				
C5 2.0 16V Turbo	[RFN (EW10J4)]	06.01-	112469	14	90				
		06.01- 08.04	113603	14	80				
C5 2.0 16V	[RFJ (EW10A)]	09.04-	115541	14	150				
	[RFN (EW10J4)]	03.01-	112469	14	90				
		03.01- 08.04	113603	14	80				
C5 2.0 HPI 16V	[RLZ (EW10D)]	03.01-	112469	14	90				
		03.01- 08.04	113603	14	80				
C5 2.0 16V Bio-Flex BioFlex	[RFJ (EW10A)]	02.08-	115541	14	150				
C5 2.0 BlueHdi 150	[AHR (DW10FD)]					04.09-	113926	12	1.9
						04.09-	114460	12	1.4
						04.09-	114854	12	2.5
	[RHE (DW10CTED4)]					04.09-	113926	12	1.9
						04.09-	114460	12	1.4
						04.09-	114854	12	2.5
C5 2.0 HDi	[RHF (DW10BTED4)]	02.08-	113640	14	150	02.08-	113926	12	1.9
						02.08-	114460	12	1.4
						02.08-	114854	12	2.5
	[RHR (DW10BTED4)]	09.04-	113640	14	150	09.04-	113926	12	1.9
		02.08-	115369	14	150	09.04-	114460	12	1.4
						09.04-	111070	12	1.7
						02.08-	114854	12	2.5
	[RHS (DW10ATED)]	06.01-	112460	14	150	06.01-	111070	12	1.7
		06.01-	112480	14	90				
	[RHY (DW10TD)]	03.01- 09.04	112460	14	150	03.01- 09.04	111070	12	1.7
		03.01- 09.04	112480	14	90	03.01- 08.04	114460	12	1.4
		03.01- 09.04	113503	14	120				
	[RHZ (DW10ATED)]	03.01-	112460	14	150	A34 03.01-	111070	12	1.7
		03.01-	112480	14	90	03.01- 08.04	114460	12	1.4
C5 2.0 HDi 150	[RHE (DW10CTED4)]					04.09-	113926	12	1.9
						04.09-	114460	12	1.4
						04.09-	114854	12	2.5
C5 2.0 HDi 165	[RHH (DW10CTED4)]					04.09-	114854	12	2.5
C5 2.0 HDi FAP	[RHS (DW10ATED4)]	03.01- 08.04	113640	14	150	03.01- 08.04	111070	12	1.7
	[RHZ (DW10ATED4)]	03.01- 08.04	113640	14	150	03.01- 08.04	111070	12	1.7
C5 2.0 HDi X7	[RHH (DW10CTED4)]					04.09-	114854	12	2.5
C5 2.2 HDi	[4HL (DW12C)]					07.10-	114854	12	2.5
	[4HP (DW12BTED4)]					05.06-	111070	12	1.7
						05.06-	113926	12	1.9
						05.06-	114460	12	1.4
						05.06-	114854	12	2.5

## STARTERS & ALTERNATORS

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**CITROEN** *Continued*

	[4HR (DW12BTED4)]				05.06-	111070	12	1.7	
					05.06-	113926	12	1.9	
					05.06-	114460	12	1.4	
					05.06-	114854	12	2.5	
	[4HT (DW12BTED4)]				04.06-	111070	12	1.7	
					04.06-	113926	12	1.9	
					04.06-	114460	12	1.4	
					04.06-	114854	12	2.5	
	[4HX (DW12TED4/FAP)]	03.01-	112460	14	150	03.01-	111070	12	1.7
		03.01-	112461	14	150	09.04-	113926	12	1.9
		03.01-	112480	14	90				
		09.04-	113640	14	150				
		10.04-	113755	14	150				
C5 2.2 HDi 165	[4HP (DW12BTED4)]					02.08-	113960	12	0.9
						02.08-	114460	12	1.4
C5 2.7 HDi	[DT17ED4]	02.08-	114391	14	180	02.08-	115328	12	2.2
	[UHZ (DT17BTED4)]					02.08-	115328	12	2.2
C5 3.0 Carlsson	[XFX (ES9J4S)]					09.03-08.04	115354	12	1.3
C5 3.0 V6	[XFU (ES9A)]					09.04-	111070	12	1.7
						09.04-04.07	115354	12	1.3
	[XJV (ES9A)]					09.04-04.07	115354	12	1.3
	[XFX (ES9J4S)]					03.01-	111070	12	1.7
						03.01-08.04	115354	12	1.3
C5 3.0 HDi X7	[DT20C]	04.09-	115582	14	230	04.09-	115328	12	2.2
C5 Break 2.0 HDi	[RHZ (DW10ATED)]	06.01-08.04	113640	14	150				
C6 2.2 HDi	[4HP (DW12BTED4)]					06.06-	114854	12	2.5
	[4HT (DW12BTED4)]					06.06-	114854	12	2.5
C6 2.7 HDi	[DT17TED4]	09.05-	114391	14	180	09.05-	115328	12	2.2
	[UHZ (DT17BTED4)]	09.05-	114391	14	180	09.05-	115328	12	2.2
C6 3.0 V6	[XFV (ES9A)]					09.05-	111070	12	1.7
						09.05-	115354	12	1.3
	[XFX (ES9J4S)]					09.05-	111070	12	1.7
						09.05-	115354	12	1.3
C6 3.0 HDi	[X8Z (DT20C)]	04.09-	115582	14	230	04.09-	115328	12	2.2
C8 2.0	[RFN (EW10J4)]	07.02-	112469	14	90				
		07.02-	113575	14	80				
C8 2.0 16V	[RFJ (EW10A)]	09.05-	115371*	14	120	09.05-	114460	12	1.4
		09.05-	115541	14	150				
C8 2.0 HDi	[RHE (DW10CTED4)]					03.06-	111070	12	1.7
						03.06-	113926	12	1.9
	[RHH (DW10CTED4)]					03.06-	111070	12	1.7
						03.06-	113926	12	1.9
	[RHK (DW10UTED4)]	07.02-	112460	14	150	07.02-	114460	12	1.4
		07.02-	112461	14	150	07.02-	111070	12	1.7
		07.02-	113640	14	150				
	[RHM (DW10ATED4)]					07.02-	114460	12	1.4
	[RHR (DW10BTED4)]	03.06-	113640	14	150	03.06-	113926	12	1.9
						03.06-	114460	12	1.4
	[RHT (DW10ATED4)]					07.02-	114460	12	1.4
	[RHW (DW10ATED4)]	07.02-	112460	14	150	07.02-	114460	12	1.4
		07.02-	113640	14	150	07.02-	111070	12	1.7
						07.02-	113926	12	1.9
C8 2.2	[3FZ (EW12J4)]	07.02-	112469	14	90				
		07.02-	113575	14	80				
C8 2.2 HDi	[4HP (DW12BTED4)]	06.07-	113640	14	150	06.07-	114854	12	2.5
	[4HR (DW12BTED4)]	06.07-	113640	14	150	06.07-	114854	12	2.5
	[4HT (DW12BTED4)]					06.06-	114854	12	2.5
	[4HW (DW12TED4)]	07.02-	112460	14	150	07.02-	111070	12	1.7
		07.02-	112461	14	150	07.02-	114460	12	1.4
		07.02-	113640	14	150				
C8 3.0 V6	[XFX (ES9J4S)]					07.02-	111070	12	1.7
						07.02-	115354	12	1.3
C-Crosser 2.2 HDi	[4HN (DW12METED4)]	02.07-	115369	14	150	02.07-	114460	12	1.4
						02.07-	114854	12	2.5
C-Crosser 2.2 HDi Enterprise	[4HN (DW12METED4)]					01.09-	114854	12	2.5
C-Crosser 2.4 16V	[4B12]	01.09-	115760	14	120	01.09-	115448	12	1.4
	[SFZ (4B12-MMC)]					08.08-	115448	12	1.4
C-Elysee 1.2 VTi	[HMY (EB2M)]	11.12-	115546	14	80	11.12-	116092*	12	1.0
C-Elysee 1.2 VTi 82						12.14-	116092*	12	1.0
C-Elysee 1.6 VTi	[NFP (EC5)]	11.12-	113405	14	70	11.12-	110584	12	1.2
		11.12-	115438	14	120				
C-Elysee 1.6 HDi	[9HJ (DV6DTEDM)]					11.12-	113254	12	1.4
						11.12-	114030	12	2.2
	[9HP (DV6DTE)]					11.12-	113254	12	1.4
						11.12-	114030	12	2.2
CX 2.0	[829A5]					08.84-08.86	111063	12	1.2
CX 2.2 2200	[J6TA500]					07.85-12.92	111063	12	1.2
CX 2.2 TRS	[J6TA500]					07.85-12.92	111063	12	1.2
CX 2.5 TD	[M25-648]					04.83-08.85	111115	12	2.2
CX 2.5 TD 2500	[M25-648]	08.85-12.86	111071	14	75				
CX 20 RE 2.0	[829A5]					08.85-12.92	111063	12	1.2
CX 2000 2.0	[M20-616]	07.74-07.79	111071	14	75				
CX 22 2.2 TRS	[J6TA500]					07.85-12.92	111063	12	1.2
CX 22 TRS 2.2	[J6TA500]					07.85-12.92	111063	12	1.2
CX 2200 2.2	[M22-617]	07.74-07.79	111071	14	75				
CX 2200 2.2 Diesel	[M22-621]	10.75-02.79	111071	14	75				
CX 2400 2.4	[M23-639]	05.80-05.82	111071	14	75				
CX 2400 2.4 GTi	[M23-622]	06.77-06.83	111071	14	75				
CX 25 2.5 TRI	[M25-659]	07.83-12.92	111071	14	75				
CX 25 2.5 GTi	[M25-668]	07.83-12.92	111071	14	75				
CX 25 2.5 Diesel	[M25-660]	03.83-12.92	111071	14	75	08.85-12.92	111115	12	2.2
CX 25 2.5 TD	[M25-648]	04.83-12.86	111071	14	75	04.83-12.86	111115	12	2.2
	[M25-669]	01.87-12.92	111071	14	75	01.87-12.92	111115	12	2.2
CX 2500 2.5 Diesel	[M25-629]	02.78-08.85	111071	14	75	02.78-08.85	111115	12	2.2
DS3 1.2 VTi 82	[HMZ (EB2F)]	01.13-	115546	14	80	01.13-	113960	12	0.9
						01.13-	116092*	12	1.0

## STARTERS & ALTERNATORS



DS3 1.4 16V	[8FR (EP3C)]				04.10-	113960	12 0.9	
DS3 1.4 VTI 98	[8FR (EP3)]	11.09-	114752*	14 80	11.09-	113960	12 0.9	
		11.09-	114811	14 120				
DS3 1.4 VTI 95 LPG	[8FN (EP3)]	08.12-	114752*	14 80	08.12-	113960	12 0.9	
		08.12-	114811	14 120				
DS3 1.4 HDi 70	[8HR (DV4C)]				04.10-	113254	12 1.4	
					04.10-	113933	12 1.5	
					04.10-	114030	12 2.2	
DS3 1.6	[5FN (EP6CDT)]	01.10-	114752*	14 80	01.10-	113960	12 0.9	
		01.10-	114771*	14 150				
		01.10-	114811	14 120				
	[5FX (EP6DT)]	01.10-	114752*	14 80	01.10-	113960	12 0.9	
		01.10-	114771*	14 150				
		01.10-	114811	14 120				
DS3 1.6 Racing	[5FD (EP6DTS)]				02.11-	113960	12 0.9	
	[5FU (EP6CDTX)]				02.11-	113960	12 0.9	
DS3 1.6 16V	[5FR (EP6DT)]	04.10-	114771*	14 150	04.10-	113960	12 0.9	
		04.10-	114811	14 120				
	[5FS (EP6C)]				04.10-	113960	12 0.9	
	[5FV (EP6CDT)]	04.10-	114771*	14 150	04.10-	113960	12 0.9	
		04.10-	114811	14 120				
DS3 1.6 THP	[5FN (EP6CDT)]	01.13-	114752*	14 80	01.13-	113960	12 0.9	
		01.13-	114811	14 120				
	[5FN (EP6DT)]	01.13-	114752*	14 80	01.13-	113960	12 0.9	
		01.13-	114811	14 120				
	[5FR (EP6DT)]	01.13-	114752*	14 80	01.13-	113960	12 0.9	
		01.13-	114811	14 120				
	[5FV (EP6CDT)]	01.13-	114752*	14 80	01.13-	113960	12 0.9	
		01.13-	114811	14 120				
DS3 1.6 THP 165	[5GZ (EP6FDT)]	10.14-	114752*	14 80	10.14-	113960	12 0.9	
DS3 1.6 VTI 120	[5FS (EP6C)]	01.13-	114752*	14 80	01.13-	113960	12 0.9	
		01.13-	114811	14 120				
DS3 1.6 BlueHdi 75	[BHW (DV6FE)]				03.15-	114854	12 2.5	
DS3 1.6 HDi	[9HP (DV6DTED)]				11.09-	113933	12 1.5	
					11.09-	114030	12 2.2	
					11.09-	113933	12 1.5	
	[9HR (DV6C)]				11.09-	114030	12 2.2	
DS3 1.6 HDi 115	[9HL (DV6C)]				08.12-	113933	12 1.5	
DS3 1.6 HDi 90	[9HP (DV6DTED)]				01.13-	113254	12 1.4	
					01.13-	113933	12 1.5	
					01.13-	114030	12 2.2	
DS4 1.6 120	[5FS (EP6C)]	04.11-	114811	14 120	04.11-	113960	12 0.9	
		04.11-	115604	14 150				
DS4 1.6 THP 155	[5FV (EP6CDT)]	04.11-	114811	14 120	04.11-	113960	12 0.9	
		04.11-	115604	14 150				
DS4 1.6 THP 200	[5FU (EP6DTX)]	04.11-	114811	14 120	04.11-	113933	12 1.5	
		04.11-	115604	14 150	04.11-	113960	12 0.9	
					04.11-	114030	12 2.2	
DS4 1.6 THP 160	[5FM (EP6DT)]	04.12-	114811	14 120	04.12-	113960	12 0.9	
		04.12-	115604	14 150				
DS4 1.6 BlueHdi 115	[BHX (DV6FC)]				08.14-	113933	12 1.5	
DS4 1.6 BlueHdi 120	[BHZ (DV6FC)]				07.14-	113933	12 1.5	
DS4 1.6 HDi 110	[9HR]				04.11-	113254	12 1.4	
					04.11-	113933	12 1.5	
					04.11-	114030	12 2.2	
		[9HR (DV6C)]				04.11-	113254	12 1.4
						04.11-	113933	12 1.5
						04.11-	114030	12 2.2
DS4 1.6 HDi 115	[9HL (DV6C)]				08.12-	113254	12 1.4	
					08.12-	113933	12 1.5	
					08.12-	114030	12 2.2	
DS4 1.6 HDi 90	[9HP (DV6DTED)]				05.11-	113933	12 1.5	
					05.11-	114030	12 2.2	
DS4 2.0 BlueHdi 150	[AHR (DW10FD)]				07.14-	113926	12 1.9	
					07.14-	114854	12 2.5	
		[AHX (DW10FD)]				07.14-	113926	12 1.9
						07.14-	114460	12 1.4
					07.14-	114854	12 2.5	
DS4 2.0 BlueHdi 180	[AHW (DW10FC)]				07.14-	113926	12 1.9	
					07.14-	114460	12 1.4	
						07.14-	114854	12 2.5
						07.14-	114854	12 2.5
DS4 2.0 HDi 135	[AHS (DW10FD)]				09.11-	113926	12 1.9	
					09.11-	114460	12 1.4	
					09.11-	114854	12 2.5	
		[AHV (DW10FD)]				09.11-	113926	12 1.9
						09.11-	114460	12 1.4
						09.11-	114854	12 2.5
		[RHD (DW10CB)]				09.11-	113926	12 1.9
						09.11-	114460	12 1.4
					09.11-	114854	12 2.5	
	[RHD (DW10CTED4)]				09.11-	113926	12 1.9	
					09.11-	114460	12 1.4	
					09.11-	114854	12 2.5	
DS4 2.0 HDi 160	[RHH (DW10CTED4)]	04.11-	114811	14 120	04.11-	111070	12 1.7	
					04.11-	113926	12 1.9	
					04.11-	114460	12 1.4	
DS5 1.6 THP 155	[5FV (EP6CDT)]	11.11-	114811	14 120	11.11-	113960	12 0.9	
		11.11-	115604	14 150				
DS5 1.6 THP 200	[5FU (EP6DTX)]	11.11-	115604	14 150	11.11-	113960	12 0.9	
DS5 1.6 HDi 110	[9HR (DV6C)]				11.11-	113933	12 1.5	
					11.11-	114030	12 2.2	
DS5 1.6 HDi 115	[9HD (DV6C)]				06.12-	113933	12 1.5	
					06.12-	114030	12 2.2	
DS5 2.0 BlueHdi 150	[AHX (DW10FD)]				07.14-	113926	12 1.9	
					07.14-	114460	12 1.4	
					07.14-	114854	12 2.5	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**CITROEN** *Continued*

DS5 2.0 HDi	[RHH (DW10CTED4)]				11.11-	113926	12	1.9							
					11.11-	114460	12	1.4							
					11.11-	114854	12	2.5							
DS5 2.0 HDi 135	[RHD (DW10CB)]				11.11-	113926	12	1.9							
					11.11-	114460	12	1.4							
					11.11-	114854	12	2.5							
DS5 2.0 HDi 180	[AHW (DW10FC)]				08.13-	114854	12	2.5							
Dyane 4 0.4	[A79/1]	03.68-	10.87	110743	14	30									
Dyane 6 0.6	[M28]				12.68-	12.72	111100	12	0.7						
	[M28/1]	10.73-	10.87	110743	14	30	05.72-	12.80	111100	12	0.7				
Evasion 1.8	[LFZ (XU7JP)]				05.97-	112298	14	80	05.97-	111130	12	1.1			
					05.97-	112299	14	95	05.97-	113443	12	1.4			
		AC	09.96-	07.02	112772	14	120								
Evasion 1.9 TD	[D8B (XUD9TF)]				10.95-	12.98	112688	14	95	11.94-	07.02	111070	12	1.7	
					10.95-	12.98	112703	14	120	11.94-	07.02	114460	12	1.4	
					10.95-	12.98	113485	14	80						
		[DHX (XUD9TF/BTF)]				11.94-	07.02	112688	14	95	11.94-		111070	12	1.7
						11.94-	07.02	112703	14	120	11.94-	07.02	114460	12	1.4
					11.94-	07.02	113485	14	80						
Evasion 2.0 16V	[RFN (EW10J4)]				05.00-	07.02	112460	14	150						
					05.00-	07.02	112480	14	90						
					05.00-	07.02	113603	14	80						
	[RFV (XU10J4R)]				05.98-	111318	14	80	05.98-		113443	12	1.4		
					05.98-	04.00	113604	14	95	05.98-		111130	12	1.1	
Evasion 2.0 i	[RFU (XU10J2/C)]				06.94-	112298	14	80	06.94-		111130	12	1.1		
					06.94-	112299	14	95	06.94-		113443	12	1.4		
					06.94-	112772	14	120							
Evasion 2.0 Turbo	[RGX (XU10J2TE)]				06.94-	07.02	112299	14	95	06.94-		113443	12	1.4	
					06.94-	07.02	113604	14	95	06.94-		111130	12	1.1	
					04.97-	07.02	111318	14	80						
Evasion 2.0 HDi 16V	[RHW (DW10ATED4)]								09.99-	07.02	114460	12	1.4		
Evasion 2.0 HDi	[RHZ (DW10ATED)]				08.99-	112461	14	150	08.99-	07.02	114460	12	1.4		
					08.99-	112480	14	90	08.99-		111070	12	1.7		
					08.99-	113503	14	120							
		AC	08.99-	112460	14	150									
Evasion 2.1 TD	[P8C (XUD11BTE)]				05.96-	112688	14	95	05.96-		111070	12	1.7		
					05.96-	07.02	112703	14	120	05.96-	07.02	114460	12	1.4	
					05.96-	113485	14	80							
Jumper 1.9 Diesel	[D9B (XUD9A/U)]				02.94-	112230	14	80	02.94-		111070	12	1.7		
					02.94-	112230	14	80	02.94-	04.02	114460	12	1.4		
	[DJY (XUD9A)]				01.99-	04.02	112230	14	80	01.99-	04.02	111070	12	1.7	
					07.99-	04.02	114460	14	80						
Jumper 1.9 TD	[D8C (XUD9UTF)]				02.94-	04.02	112230	14	80	02.94-	04.02	111070	12	1.7	
					02.94-	04.02	112230	14	80	02.94-	04.02	114460	12	1.4	
	[DHX (XUD9TF/BTF)]				03.94-	04.02	112230	14	80	03.94-	04.02	111070	12	1.7	
					03.94-	04.02	114460	14	80						
Jumper 1.9 TD 4x4	[D8C (XUD9UTF)]				02.94-	02.02	112230	14	80	08.96-	04.02	111070	12	1.7	
					08.96-	04.02	114460	14	80						
Jumper 2.0	[RFW (XU10J2U)]				02.94-	112298	14	80	02.94-		111130	12	1.1		
					02.94-	112299	14	95	A13	02.94-	113443	12	1.4		
					02.94-	112772	14	120							
		[XU10J2]				04.02-	112298	14	80	04.02-		111130	12	1.1	
					04.02-				04.02-		113443	12	1.4		
Jumper 2.0 4x4	[RFW (XU10J2U)]				08.96-	112298	14	80	02.94-	02.02	111130	12	1.1		
					08.96-	112299	14	95	A13	02.94-	02.02	113443	12	1.4	
					08.96-	112772	14	120							
Jumper 2.0 bivalent	[XU10J2]				02.03-	112298	14	80	02.03-		111130	12	1.1		
					02.03-	112772	14	120	02.03-		113443	12	1.4		
Jumper 2.0 HDi	[RHW (DW10TD)]				04.02-	112460	14	150	04.02-		111070	12	1.7		
					04.02-	112461	14	150							
					04.02-	112480	14	90							
					04.02-	113640	14	150							
				04.02-	113946	14	90								
		[RHW (DW10UTD)]				11.01-	04.02	112461	14	150	11.01-	04.02	111070	12	1.7
						11.01-	04.02	112480	14	90	04.02-		114460	12	1.4
						04.02-	112460	14	150						
					04.02-	113640	14	150							
					04.02-	113946	14	90							
	AC	04.02-	113640	14	150										
Jumper 2.2 HDi 16V	[4HY (DW12UTED)]				04.02-	112460	14	150	04.02-		111070	12	1.7		
					04.02-	112480	14	90							
					04.02-	113946	14	90							
		AC	04.02-	113640	14	150									
Jumper 2.2 HDi	[4HU (P22DTE)]				04.06-	113958	14	150	04.06-		113959	12	2.0		
					04.06-	115499	14	150	A49	04.06-	115510	12	2.0	A49	
		[4HV (P22DTE)]				04.06-	113958	14	150	04.06-		113959	12	2.0	
						04.06-	115499	14	150	A49	04.06-	115510	12	2.0	A49
		[4HY (DW12UTED)]				02.02-	06.06	113640	14	150	04.02-		111070	12	1.7
						04.02-	112460	14	150	04.02-		114460	12	1.4	
						04.02-	112461	14	150						
						04.02-	112480	14	90						
						04.02-	113946	14	90						
		AC	02.02-	06.06	112460	14	150								
	AC	02.02-	06.06	112480	14	90									
	AC	02.02-	06.06	113946	14	90									
	AC	04.02-	113640	14	150										
	[4HY (DW12UTED4)]				04.02-	112460	14	150	04.02-		111070	12	1.7		
					04.02-	112480	14	90							
					04.02-	113640	14	150							
					04.02-	113946	14	90							
Jumper 2.2 HDi 110	[4HG (P22DTE)]				07.11-	115461*	14	150	07.11-		113959	12	2.0		
					07.11-	116061	14	150	A49	07.11-	115510	12	2.0	A49	
Jumper 2.2 HDi 130	[4HH (P22DTE)]				07.11-	115461*	14	150	07.11-		113959	12	2.0		
					07.11-	115739	14	180			115510	12	2.0	A49	
					07.11-	116061	14	150	A49	A25	07.11-	115986	12	2.5	

## STARTERS & ALTERNATORS



Jumper 2.2 HDi 150	[4HJ (P22DTE)]	07.11-	115461*	14 150		07.11-	113959	12 2.0	
		07.11-	115739	14 180		07.11-	115510	12 2.0 A49	
		07.11-	116061	14 150 A49		A25 07.11-	115986	12 2.5	
Jumper 2.5 Diesel	[T9A (DJ5)]	02.94- 04.02	112772	14 120		03.94-	112053	12 2.2	
		03.94-	112299	14 95					
Jumper 2.5 Diesel 4x4	[T9A (DJ5)]	02.94- 04.02	112299	14 95		02.94- 04.02	112053	12 2.2	
Jumper 2.5 TD	[T8A (DJ5T)]	02.94- 04.02	112772	14 120		03.94-	112053	12 2.2	
		03.94-	112299	14 95					
Jumper 2.5 TD 4x4	[T8A (DJ5T)]	02.94- 04.02	112299	14 95		02.94- 02.02	112053	12 2.2	
		02.94- 04.02	112772	14 120					
Jumper 2.5 TDi	[THX (DJ5TED)]	12.96- 02.02	112299	14 95		12.96- 02.02	112053	12 2.2	
		12.96- 02.02	112772	14 120					
Jumper 2.5 TDi 4x4	[THX (DJ5TED)]	10.96- 04.02	112299	14 95		10.96- 04.02	112053	12 2.2	
		10.96- 04.02	112772	14 120					
Jumper 2.8 Diesel	[8140.63]	01.99-	111498	14 110		01.99-	113451	12 2.2	
		01.99-	112681	14 80					
		01.99- 02.02	111498	14 110		01.99- 02.02	113451	12 2.2	
Jumper 2.8 HDi	[8140.43N]	05.04-	113247	14 120		05.04-	112436	12 2.3	
		05.04-	114680	14 150		05.04-	113451	12 2.2	
		09.00- 01.02	113247	14 120	Chas. -17600143	09.00-	112436	12 2.3	
Jumper 2.8 HDi 4x4	[8140.43S]	09.00- 04.02	113950	14 90		04.02-	112026	12 2.6	
		09.00- 04.02	114680	14 150		Chas. 17600144-	04.02-	113935	12 2.5
		09.00- 04.02	114680	14 150	Chas. -17600143	04.02-	115501	12 2.5 A49	
Jumper 2.8 TD	[8140.43]	09.00-	113247	14 120		09.00-	112436	12 2.3	
		09.00- 04.02	113950	14 90		Chas. 17600144-	04.02-	113935	12 2.5
		09.00- 04.02	114680	14 150		04.02-	115501	12 2.5 A49	
Jumper 2.8 TD	[F28TDCR]	02.02- 06.06	113247	14 120					
		02.02- 06.06	113950	14 90					
		02.02- 06.06	114680	14 150					
Jumper 2.8 TD	[8140.43]	10.99-	111498	14 110		10.99-	113451	12 2.2	
		10.99-	112681	14 80					
Jumper 3.0 HDi	[F1CE0481D (F30DT)]	09.06-	114082	14 180 A49		09.06-	114054	12 2.5	
		09.06-	114705	14 140		09.06-	115516	12 2.5	
		09.06-	116043	14 180					
		09.06-	114082	14 180 A49		09.06-	114054	12 2.5	
		09.06-	114705	14 140		09.06-	115516	12 2.5	
Jumper 3.0 HDi 145	[F1CE348IN]	09.06-	116043	14 180					
		07.10-	115490	14 140 A49					
		07.10-	114705	14 140		07.10-	114054	12 2.5	
		07.10-	115490	14 140 A49		07.10-	115516	12 2.5 A49	
		07.10-	114705	14 140		07.10-	114054	12 2.5	
Jumper 3.0 HDi 155	[F1CE0481D (F30DT)]	07.10-	115490	14 140 A49		07.10-	115516	12 2.5 A49	
		07.10-	114705	14 140		07.10-	114054	12 2.5	
		07.11-	114082	14 180 A49		07.11-	114054	12 2.5	
		07.11-	114705	14 140		07.11-	115516	12 2.5 A49	
		07.11-	115490	14 140 A49					
Jumper 3.0 HDi 180	[F1CE3481E]	07.11-	116043	14 180					
		07.11-	115490	14 140 A49					
		07.11-	114082	14 180 A49					
		07.11-	114705	14 140					
		07.11-	116043	14 180					
Jumpy 1.6	[1580SPI]	10.95-	111411	14 75		10.95-	112124	12 0.9	
		10.95-	111416	14 65					
		10.95-	111568	14 85					
		10.95-	111411	14 75					
		10.95-	111416	14 65					
Jumpy 1.6 i	[220A2.000]	10.95-	111568	14 85		10.95-	112124	12 0.9	
		10.95-	111416	14 65		10.95- 02.01	112124	12 0.9	
		10.95-	111568	14 85					
		10.95-	111411	14 75					
		10.95-	111416	14 65					
Jumpy 1.6 BlueHdi 115	[BHX (DV6FCU)]					04.16-	113254	12 1.4	
						04.16-	114030	12 2.2	
Jumpy 1.6 BlueHdi 95	[BHV (DV6FDU)]					04.16-	113254	12 1.4	
						04.16-	114030	12 2.2	
Jumpy 1.6 HDi	[9HU (DV6UTED4)]	01.07-	113640	14 150		01.07-	113254	12 1.4	
Jumpy 1.6 HDi 90	[9HH (DV6DUM), 9HM (DV6UC)]					01.07-	114030	12 2.2	
						01.07-	113254	12 1.4	
Jumpy 1.9 Diesel	[D9B (XUD9A/U)]	10.95-	112230	14 80		10.95- 04.98	114460	12 1.4	
		10.95-	112292	14 70		10.95-	111070	12 1.7	
		10.95-	113485	14 80					
		PS 10.95-	111893	14 70					
		ACPS 10.95-	112688	14 95					
		AC 10.95-	112703	14 120					
		AC 10.95-	113485	14 80					
		[WJY (DW8B)]	04.98- 02.01	112058	14 70		04.98- 08.01	111070	12 1.7
			04.98- 02.01	112480	14 90		04.98-	114460	12 1.4
			04.98- 02.01	113503	14 120				
			10.98- 08.01	113603	14 80				
		[WJZ (DW8)]	04.98- 02.01	112058	14 70		04.98- 08.01	111070	12 1.7
			04.98- 02.01	112480	14 90		04.98-	114460	12 1.4
			04.98- 02.01	113503	14 120				
			10.98- 08.01	113603	14 80				
Jumpy 1.9 TD	[D8B (XUD9TF)]	AC 04.98-	113503	14 120					
Jumpy 1.9 TD	[D8B (XUD9TF)]	04.96-	112230	14 80		10.99-	114460	12 1.4	
		04.96-	112292	14 70		04.96- 02.01	111070	12 1.7	
		10.99- 02.01	112058	14 70					
		10.99- 02.01	112480	14 90					
		10.99- 02.01	113503	14 120					
		PS 10.95-	111893	14 70					
		AC 04.96-	112688	14 95					
		AC 04.96-	112703	14 120					
		AC 04.96-	113485	14 80					
		AC 04.96-	113485	14 80					

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**CITROEN** *Continued*

	[DHX (XUD9TF/BTF)]	10.95-	111893	14 70	10.95-	114460	12 1.4
		10.95-	112230	14 80	10.95-	111070	12 1.7
		10.95- 02.01	112292	14 70			
		10.95-	112688	14 95			
		10.95-	112703	14 120			
		10.95-	113485	14 80			
		PS 10.95-	111893	14 70			
		ACPS 10.95-	112688	14 95			
		AC 10.95-	112703	14 120			
		AC 10.95-	113485	14 80			
Jumpy 2.0	[RFN (EW10J4)]	04.00- 12.06	112461	14 150	04.00- 10.06	114460	12 1.4
		04.00- 10.06	112480	14 90			
		04.00-	113503	14 120			
		AC 04.00-	112460	14 150			
Jumpy 2.0 i 16V	[RFN (EW10J4)]	03.00-	112461	14 150			
		03.00-	112480	14 90			
		03.00-	113503	14 120			
		AC 03.00-	112460	14 150			
Jumpy 2.0 i	[RFH (EW10A)]	01.07-	115541	14 150			
Jumpy 2.0 BlueHDi 120	[AHJ (DW10FE)]				04.16-	113926	12 1.9
					04.16-	114460	12 1.4
	[AHK (DW10FE)]				04.16-	113926	12 1.9
					04.16-	114460	12 1.4
Jumpy 2.0 BlueHDi 150	[AHR (DW10FD)]				04.16-	113926	12 1.9
					04.16-	114460	12 1.4
					04.16-	114854	12 2.5
	[AHX (DW10FD)]				04.16-	113926	12 1.9
					04.16-	114460	12 1.4
					04.16-	114854	12 2.5
Jumpy 2.0 BlueHDi 180					04.16-	113926	12 1.9
					04.16-	114460	12 1.4
					04.16-	114854	12 2.5
Jumpy 2.0 HDi	[RHK (DW10UTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9
	[RHR (DW10BTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9
	[RHW (DW10ATED4)]	03.00- 10.06	112460	14 150	03.00- 10.06	111070	12 1.7
		03.00- 10.06	112461	14 150	03.00- 10.06	114460	12 1.4
		03.00- 10.06	112480	14 90			
		03.00- 10.06	113640	14 150			
	[RHX (DW10BTED)]	10.99-	112460	14 150	01.99- 07.02	111070	12 1.7
		10.99-	112461	14 150	10.99-	114460	12 1.4
		10.99-	112480	14 90			
		10.99-	113640	14 150			
		AC 10.99-	112460	14 150			
	[RHZ (DW10ATED)]	03.00-	112461	14 150	10.99-	111070	12 1.7
		03.00-	112480	14 90	03.00- 10.06	114460	12 1.4
		03.00-	113640	14 150			
		AC 10.99-	112460	14 150			
Jumpy 2.0 HDi 125	[AHZ (DW10CD)]				07.11-	111070	12 1.7
					07.11-	113926	12 1.9
Jumpy 2.0 HDi 165	[RHH (DW10CTED4)]	07.10-	114705	14 140	07.10-	114054	12 2.5
		07.10-	115490	14 140 A49	07.10-	115516	12 2.5 A49
Jumpy 2.0 HDi 95	[AHY]				07.11-	111070	12 1.7
					07.11-	113926	12 1.9
	[AHY (DW10CE)]				07.11-	113926	12 1.9
LNA 0.6	[R06627]	11.76- 07.79	110743	14 30			
	[V06630]	11.78- 07.82	110743	14 30			
	[V06644]	11.78- 07.82	110743	14 30	07.82- 04.85	111068	12 0.85
LNA 1.0	[108C]	07.84- 10.86	111075	14 55	07.84- 10.86	111068	12 0.85
LNA 1.1	[109/5E]	07.82- 04.85	111075	14 55	07.82- 04.85	111068	12 0.85
Mehari 0.6	[A06/635]				10.79- 10.87	111100	12 0.7
	[M28/1]	09.68- 10.87	110743	14 30	05.68- 10.79	111100	12 0.7
	[M28/1 (AK2)]				10.79- 10.87	111100	12 0.7
Mehari 0.6 4x4	[A06/635]				10.79- 10.87	111100	12 0.7
Nemo 1.2 BlueHDi 80	[FHY (F13DTE6)]				02.16-	115400	12 1.4
Nemo 1.2 HDi 80	[FHY (F13DTE6)]				10.15-	115400	12 1.4
Nemo 1.3 HDi 75	[FHZ (F13DTE5)]	10.10-	115384	14 120			
Nemo 1.4	[KFT (TU3A)]	04.09-	113405	14 70	04.09-	110584	12 1.2
		04.09-	113575	14 80			
	[KVF (TU3A)]	04.09-	113405	14 70	04.09-	110584	12 1.2
		04.09-	113575	14 80			
Nemo 1.4 HDi	[8HS (DV4TD)]				02.08-	113254	12 1.4
					02.08-	113933	12 1.5
	[8HS (DV4TED)]				04.09-	113254	12 1.4
					04.09-	113933	12 1.5
Relay 2.8 Diesel	[8140.63 (F28D)]	01.99- 02.02	111498	14 110	01.99- 02.02	113451	12 2.2
		01.99- 02.02	113755	14 150			
Saxo 1.0	[CDZ (TU9M)]	05.96- 09.03	110619	14 70	02.96- 09.03	110584	12 1.2
		05.98- 09.03	112782	14 80	02.96- 09.03	111994	12 0.7
Saxo 1.1	[HDZ (TU1M)]	03.00-	112648	14 70	05.96-	110584	12 1.2
		05.96-	110619	14 70			
		05.96-	112782	14 80			
	[HFX (TU1JP)]	05.96- 09.03	110619	14 70	03.00- 09.03	110584	12 1.2
					03.00- 09.03	111994	12 0.7
Saxo 1.4 VTS	[KFW (TU3JP)]	05.96- 06.03	110619	14 70	06.00- 09.03	111994	12 0.7
	[KFX (TU3JP)]	03.00-	112648	14 70	05.96-	110584	12 1.2
		05.96- 06.03	110619	14 70			
		05.96-	112782	14 80			
		09.99-	111723	14 70			
Saxo 1.5 Diesel	[VJY (TUD5)]	09.96-	111532	14 80	09.96-	111029	12 1.4
		09.96-	112287	14 70			
		09.96-	112467	14 90			
	[VJZ (TUD5)]	05.96-	111532	14 80	09.96-	111029	12 1.4
		09.96-	112287	14 70			
		09.96-	112467	14 90			

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Saxo 1.6	[NFZ (TU5JP)]	03.00-	112648	14	70	05.96-	110584	12	1.2
		05.96-	110619	14	70				
		05.96-	111723	14	70				
		05.96-	112782	14	80				
		09.98-	113404	14	90				
Saxo 1.6 16V	[NFX (TU5JP4)]	06.96-	112782	14	80	06.96-	110584	12	1.2
Saxo 1.6 VTS	[NFT]	09.00-	111723	14	70	09.00-	110584	12	1.2
		09.00-	112782	14	80				
SpaceTourer 1.6 BlueHdi 115	[BHX (DV6FC)]					04.16-	113254	12	1.4
						04.16-	114030	12	2.2
SpaceTourer 1.6 BlueHdi 95	[BHV (DV6FDU)]					04.16-	113254	12	1.4
						04.16-	114030	12	2.2
SpaceTourer 2.0 BlueHdi 150	[AHX (DW10FD)]					04.16-	113254	12	1.4
						04.16-	114030	12	2.2
SpaceTourer 2.0 BlueHdi 180	[AHH (DW10FC)]					04.16-	114854	12	2.5
Various models						07.88-	110584	12	1.2
						10.84- 01.93	110587	12	1.2
						09.81-	110793	12	0.9
						01.85- 07.88	111068	12	0.85
						07.85- 01.93	111070	12	1.7
						10.85-	111115	12	2.2
						03.91-	111130	12	1.1
						05.94-	113443	12	1.4
Visa 1.0	[XV8]	09.84- 06.88	111075	14	55	09.84- 06.88	111068	12	0.85
Visa 1.1	[109/5]	09.78- 03.91	111075	14	55	09.84- 03.91	111068	12	0.85
	[109/SF]	07.82- 03.91	111075	14	55	07.82- 03.91	111068	12	0.85
	[109K]	09.78- 06.88	111075	14	55	11.84- 06.88	111068	12	0.85
Visa 1.2 Super X	[129/5]	07.80- 06.82	111075	14	55				
Visa 1.4	[150D (XY7)]	07.84- 03.91	111075	14	55	07.84- 03.91	111068	12	0.85
Visa 1.4 GT	[150B (XY8)]	03.82- 03.91	111075	14	55	03.82- 03.91	111068	12	0.85
	[KAZ (XY7CP)]					07.82- 03.91	111068	12	0.85
Visa 1.6 GTi	[180A (XU5J)]	10.84- 12.89	111076	14	50	01.85- 03.91	111130	12	1.1
	[B6D]	10.84- 03.91	111076	14	50	06.86- 03.91	111130	12	1.1
Visa 1.7 Diesel	[161A (XUD7)]	01.84- 03.91	111076	14	50	04.84- 03.91	111070	12	1.7
						04.84- 03.91	114460	12	1.4
Xantia 1.6 i	[BFZ (XU5JP)]	03.93- 01.98	112298	14	80	03.93- 01.98	111130	12	1.1
		03.93- 01.98	112299	14	95	A13 03.93- 01.98	113443	12	1.4
		03.93- 01.98	112772	14	120				
Xantia 1.6 i SX	[XU5JP]	01.98- 03.01	112298	14	80	01.98- 03.01	111130	12	1.1
		01.98- 03.01	112299	14	95	01.98- 03.01	113443	12	1.4
Xantia 1.8 i 16V	[LFY (XU7JP4)]	06.95- 01.98	111318	14	80	06.95- 01.98	111130	12	1.1
		06.95- 04.03	113604	14	95	A13 06.95- 01.98	113443	12	1.4
Xantia 1.8 i	[LFX (XU7JB)]	04.97-	111318	14	80	04.97-	111130	12	1.1
		04.97- 04.03	113604	14	95	A13 04.97-	113443	12	1.4
	[LFZ (XU7JP)]	03.93- 01.98	112298	14	80	03.93- 01.98	111130	12	1.1
		03.93- 01.98	112299	14	95	A13 03.93- 01.98	113443	12	1.4
		03.93- 01.98	112772	14	120				
Xantia 1.9 Diesel	[D9B (XUD9A/L)]	06.94-	112230	14	80	06.94-	111070	12	1.7
		06.94-	112292	14	70	06.94- 01.98	114460	12	1.4
		06.94-	112688	14	95				
		06.94-	112703	14	120				
	[DHW (XUD9SD)]	02.96-	112688	14	95	02.96-	111070	12	1.7
		02.96-	112703	14	120	02.96- 04.03	114460	12	1.4
		04.97-	112230	14	80				
	[DJZ (XUD9Y)]	06.94-	112230	14	80	06.94-	111070	12	1.7
		06.94-	112292	14	70	06.94- 01.98	114460	12	1.4
		06.94-	112688	14	95				
06.94-		112703	14	120					
Xantia 1.9 TD	[D8B (XUD9TF)]	01.98-	112688	14	95	09.95- 04.03	114460	12	1.4
		01.98-	112703	14	120	01.98-	111070	12	1.7
	[DHX (XUD9TF/BTF)]	07.93-	112230	14	80	07.93- 01.98	111070	12	1.7
		07.93-	112292	14	70	10.94- 04.03	114460	12	1.4
		06.95-	112688	14	95				
		06.95-	112703	14	120				
		AC 07.95-	112703	14	120				
	[DHY (XUD9TE/Y)]	07.93-	112230	14	80	07.93-	111070	12	1.7
07.93-		112292	14	70	10.94- 04.03	114460	12	1.4	
06.95-		112688	14	95					
06.95-		112703	14	120					
	AC 07.95-	112703	14	120					
Xantia 2.0 i 16V	[RFT (XU10J4/Z)]	03.93- 12.98	112772	14	120	05.89- 06.94	113443	12	1.4
		06.94-	112298	14	80				
		06.94-	112299	14	95				
	[RFV (XU10J4R)]	06.95-	111318	14	80	06.95- 01.98	111130	12	1.1
		06.95- 04.03	113604	14	95	01.98-	113443	12	1.4
		01.98-	112299	14	95				
[RFY (XU10J4/Z)]	03.93- 12.98	112298	14	80					
	03.93- 12.98	112299	14	95					
	03.93- 12.98	112772	14	120					
Xantia 2.0 i	[RFX (XU10J2C)]	03.93- 01.98	112298	14	80	03.93- 01.98	111130	12	1.1
		03.93- 01.98	112299	14	95	03.93- 01.98	113443	12	1.4
		03.93- 01.98	112772	14	120				
		06.95-	111318	14	80				
		06.95- 01.98	113604	14	95				
Xantia 2.0 Turbo	[RGX (XU10J2TE)]	06.95- 01.98	111318	14	80	06.95- 01.98	111130	12	1.1
		06.95- 04.03	113604	14	95	06.95- 01.98	113443	12	1.4
Xantia 2.0 HDi	[RHY (DW10TD)]	03.99-	112480	14	90	03.99- 04.03	114460	12	1.4
		03.99-	113503	14	120	03.99-	111070	12	1.7
		AC 03.99-	112460	14	150				
	[RHZ (DW10ATED)]	02.99-	112480	14	90	02.99- 04.03	114460	12	1.4
	AC 02.99-	112460	14	150	02.99-	111070	12	1.7	
Xantia 2.1 TD 12V	[P8C (XUD11BTE)]	06.95-	112688	14	95	06.95-	111070	12	1.7
		06.95-	112703	14	120	06.95- 02.99	114460	12	1.4
XM 2.0	[R2A (XU102C)]	05.89- 04.94	112299	14	95	05.89- 04.94	111130	12	1.1
		05.89- 04.94	112688	14	95	05.89- 04.94	113443	12	1.4
		05.89- 04.94	113604	14	95				

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O.E.M. names and numbers are used for reference purposes only.



**CITROEN** *Continued*

	[RDZ (XU10MZ)]				05.89- 04.94	111130	12 1.1	
	[XU102C]				05.89- 04.94	111130	12 1.1	
XM 2.0 i 16V	[RFV (XU10J4R)]	05.94- 05.95	112298	14 80	05.94-	111130	12 1.1	
		05.94- 05.95	112299	14 95	A13 05.94-	113443	12 1.4	
		05.94- 10.00	113604	14 95				
		Chas. 6779- 05.95- 10.00	111318	14 80				
		Chas. -6778 05.94- 05.95	112298	14 80				
		Chas. -6778 05.94- 05.95	112299	14 95				
	Chas. -6778 05.94- 05.95	112772	14 120					
XM 2.0 i Turbo	[RGY (XU10J2TE/Z)]				A13 09.92- 06.94	113443	12 1.4	
					09.92- 06.94	111130	12 1.1	
XM 2.0 i	[RDZ (XU10MZ)]				A13 03.91- 04.94	113443	12 1.4	
					05.89- 04.94	111130	12 1.1	
	[RFZ (XU10J2)]				A13 05.89- 06.94	113443	12 1.4	
					05.89- 06.94	111130	12 1.1	
					11.91- 06.94	113443	12 1.4	
XM 2.0 Turbo	[RGX (XU10J2TE)]	05.94- 10.00	113604	14 95	A13 05.94-	113443	12 1.4	
		06.95-	111318	14 80	05.94-	111130	12 1.1	
		Chas. 6779- 05.95-	111318	14 80				
	[RGY (XU10J2TE/Z)]				A13 09.92- 06.94	113443	12 1.4	
					09.92- 10.00	111130	12 1.1	
XM 2.1 Diesel	[P9A (XUD11A)]				05.89- 06.94	111070	12 1.7	
					11.91- 04.94	114460	12 1.4	
XM 2.1 TD 12V	[P8A (XUD11ATE)]	Chas. 6779- 05.94-	112688	14 95	05.89- 06.94	111070	12 1.7	
		Chas. 6779- 05.94-	112703	14 120				
	[P8C (XUD11BTE)]	07.95-	112688	14 95	05.94-	111070	12 1.7	
		07.95-	112703	14 120	05.94- 10.00	114460	12 1.4	
		Chas. 6779- 05.94-	112688	14 95				
		Chas. 6779- 05.94-	112703	14 120				
	[PHZ (XUD11ATE)]	07.95-	112688	14 95	05.89- 10.00	111070	12 1.7	
		07.95-	112703	14 120	05.94- 10.00	114460	12 1.4	
	[PJZ (XUD11ATE)]				05.89- 10.00	111070	12 1.7	
					05.94- 10.00	114460	12 1.4	
XM 2.5 TD	[THY (DK5ATE)]	05.94-	112772	14 120	05.94-	113443	12 1.4	
Xsara 1.4 i	[KFW (TU3JP)]	09.00-	111723	14 70	09.00-	111994	12 0.7	
		09.00-	112469	14 90	04.97-	110584	12 1.2	
		09.00-	112782	14 80				
		04.97- 08.05	110619	14 70				
		04.97-	113575	14 80				
		[KFX (TU3JP)]	04.97- 08.05	110619	14 70	04.97- 08.00	110584	12 1.2
			04.97- 02.01	112782	14 80	04.97- 08.00	111994	12 0.7
			03.98- 02.01	111723	14 70			
			AC 04.97-	111723	14 70			
Xsara 1.4 HDi	[8HX (DV4TD)]	01.03-	113246	14 90	01.03-	113254	12 1.4	
		01.03-	113250	14 70				
		01.03-	113755	14 150				
Xsara 1.5 Diesel	[VJZ (TUD5)]	04.97-	111532	14 80	04.97-	111029	12 1.4	
		04.97-	112287	14 70				
Xsara 1.6 Picasso	[NFV (U5JP)]	09.00-	112469	14 90	09.00-	110584	12 1.2	
		09.00-	113405	14 70	09.00-	111994	12 0.7	
		09.00-	113575	14 80				
		[NFZ (TU5JP)]	01.00-	113603	14 80	01.00-	110584	12 1.2
			06.00-	112469	14 90	01.00-	111994	12 0.7
			06.00-	113405	14 70			
			06.00-	113575	14 80			
			06.02-	112058	14 70	06.02-	110584	12 1.2
			09.05-	113755	14 150	06.02-	111994	12 0.7
Xsara 1.6 16V	[NFU (TU5JP4)]	09.00-	111723	14 70	11.00-	111994	12 0.7	
		09.00-	112782	14 80	11.00- 09.06	110584	12 1.2	
		09.00-	113405	14 70				
		09.00- 09.06	113575	14 80				
Xsara 1.6 16V Picasso	[NFV (TU5JP4)]	09.05-	113575	14 80				
Xsara 1.6 i	[NFZ (TU5JP)]	04.97- 09.00	112782	14 80	10.97- 09.00	110584	12 1.2	
		10.97-	110619	14 70	10.97- 09.00	111994	12 0.7	
		10.97- 09.00	111723	14 70				
Xsara 1.6 HDi Picasso	[9HX (DV6ATED4)]	09.05-	113755	14 150	09.05-	113254	12 1.4	
					09.05-	114030	12 2.2	
		[9HY (DV6TED4)]	05.04-	113640	14 150	05.04-	113254	12 1.4
					05.04-	113933	12 1.5	
					05.04-	114030	12 2.2	
		[9HZ (DV6TED4)]	05.04-	113640	14 150	05.04-	113254	12 1.4
					05.04-	113933	12 1.5	
				05.04-	114030	12 2.2		
Xsara 1.8 16V Picasso	[6FZ (EW7J4)]	01.00-	113603	14 80				
		02.00-	112469	14 90				
		02.00-	112480	14 90				
		02.00-	113503	14 120				
		02.00-	113575	14 80				
		[LFY (XU7JP4)]	02.00-	112469	14 90			
			02.00-	112480	14 90			
		02.00-	113503	14 120				
Xsara 1.8 i 16V	[LFY (XU7JP4)]	10.97-	111318	14 80	04.97-	111130	12 1.1	
		02.98- 09.00	113604	14 95	04.97-	113443	12 1.4	
Xsara 1.8 i	[LFX (TU7JB)]	04.97- 09.00	113604	14 95	10.97-	113443	12 1.4	
		10.97-	111318	14 80	10.97-	111130	12 1.1	
		[LFX (XU7JB)]	02.98-	111318	14 80	02.98-	111130	12 1.1
			02.98- 09.00	113604	14 95	02.98-	113443	12 1.4
		[LFX (XU7JP)]	10.97-	111318	14 80	10.97-	111130	12 1.1
			10.97- 09.00	113604	14 95	10.97-	113443	12 1.4
		[LFZ (XU7JP)]	04.97- 09.00	112298	14 80	04.97- 09.00	111130	12 1.1
			04.97- 09.00	112299	14 95	04.97- 09.00	113443	12 1.4
			04.97- 09.00	112772	14 120			
			AC 04.97- 09.00	112772	14 120			

## STARTERS & ALTERNATORS



Xsara 1.8 Diesel	[161A (XUD7)]	04.97-	112230	14 80		04.97- 09.00	114460	12 1.4
		04.97-	112292	14 70		04.97-	111070	12 1.7
		PS 04.97-	111893	14 70				
		PS 04.97-	112688	14 95				
		PS 04.97-	113485	14 80				
		AC 04.97-	112703	14 120				
	[A9A (XUD7)]	10.97-	112230	14 80		10.97- 09.00	114460	12 1.4
		10.97-	112292	14 70		04.97- 09.00	111070	12 1.7
		PS 10.97-	111893	14 70				
		PS 10.97-	112688	14 95				
PS 10.97-		113485	14 80					
ACPS 10.97-		112703	14 120					
Xsara 1.9 Diesel	[DHW (XUD9BSD)]	01.98-	112230	14 80		01.98-	111070	12 1.7
		01.98-	112292	14 70		01.98- 09.00	114460	12 1.4
		ACPS 01.98-	112688	14 95				
		ACPS 01.98-	113485	14 80				
	[DJY (XUD9A)]	04.97- 02.99	112230	14 80		04.97- 09.00	114460	12 1.4
		04.97- 02.99	112292	14 70		04.97- 02.99	111070	12 1.7
		02.98- 02.99	112688	14 95				
		02.98- 02.99	113485	14 80				
		PS 10.97-	111893	14 70				
		PS 10.97-	112688	14 95				
		PS 10.97-	113485	14 80				
		ACPS 04.97-	112688	14 95				
		ACPS 04.97-	113485	14 80				
		ACPS 10.97-	112703	14 120				
	[WJY (DW8B)]	09.00-	113503	14 120		07.98- 08.05	114460	12 1.4
		09.00-	113603	14 80				
	[WJZ (DW8)]	04.98- 08.00	113503	14 120		07.98-	111070	12 1.7
07.98-		112058	14 70		07.98- 08.05	114460	12 1.4	
07.98-		112480	14 90					
07.98- 08.00		113603	14 80					
Xsara 1.9 TD	[DHY (XUD9TE/Y)]	04.97- 02.01	112230	14 80		04.97- 09.00	114460	12 1.4
		04.97- 02.01	112292	14 70		04.97- 02.01	111070	12 1.7
		04.97- 02.01	112688	14 95				
		02.98- 02.01	111893	14 70				
		02.98- 02.01	112703	14 120				
		02.98- 02.01	113485	14 80				
		PS 04.97-	111893	14 70				
		PS 04.97-	113485	14 80				
		ACPS 10.97-	113485	14 80				
		AC 04.97-	112703	14 120				
	AC 10.97-	112688	14 95					
Xsara 2.0 16V	[RFN (EW10J4)]	09.00-	112480	14 90				
		09.00- 08.05	113603	14 80				
	[RFS (XU10J4RS)]	04.97-	111318	14 80	04.97-	111130	12 1.1	
	04.97- 09.00	113604	14 95		04.97-	113443	12 1.4	
	[RFV (XU10J4R)]	07.98-	111318	14 80	07.98-	111130	12 1.1	
	07.98- 09.00	113604	14 95	07.98-	113443	12 1.4		
Xsara 2.0 16V Picasso	[RFN (EW10J4)]	03.01-	112469	14 90				
	03.01-	113603	14 80					
Xsara 2.0 i 16V	[RFS (XU10J4RS)]	02.98-	111318	14 80	02.98-	111130	12 1.1	
		02.98- 03.05	113604	14 95	02.98-	113443	12 1.4	
Xsara 2.0 HDi	[RHY (DW10TD)]	09.00- 03.05	112460	14 150		02.99- 03.05	111070	12 1.7
		09.00- 03.05	113755	14 150		09.00- 03.05	113926	12 1.9
		02.99-	112461	14 150		02.99- 08.05	114460	12 1.4
		02.99- 03.05	112480	14 90				
		02.99- 03.05	113503	14 120				
		AC 02.99-	112460	14 150				
	[RHZ (DW10ATED)]	05.01-	112480	14 90		05.01-	111070	12 1.7
	AC 05.01-	112460	14 150					
Xsara 2.0 HDi Picasso	[RHY (DW10TD)]	04.00-	112480	14 90		12.99-	114460	12 1.4
		04.00-	113503	14 120		04.00-	111070	12 1.7
		AC 04.00-	112460	14 150				
ZX 1.1	[H1A]	03.91- 08.93	110619	14 70		03.91- 08.93	110584	12 1.2
	[H1B]					03.91- 08.93	110584	12 1.2
	[HDZ (TU1M)]	03.91-	110619	14 70	03.91-	110584	12 1.2	
ZX 1.4	[KDZ (TU3M/Z)]	03.91-	110619	14 70	03.91-	110584	12 1.2	
		03.91-	112782	14 80				
ZX 1.4 i	[KDX (TU3M/Z)]	03.91- 06.97	110619	14 70		03.91- 06.97	110584	12 1.2
		AC 03.91- 06.97	112782	14 80				
	[KDY (TU3M)]	10.93- 10.97	110619	14 70	10.93-	110584	12 1.2	
		10.93-	112782	14 80				
	[KDY (TU3M/Z)]	10.93- 10.97	110619	14 70	10.93- 10.97	110584	12 1.2	
		10.93- 10.97	112782	14 80				
	[KDZ (TU3M/Z)]	03.91-	110619	14 70		110584	12 1.2	
	AC 03.91-	112782	14 80					
ZX 1.6 i	[BDY (XU5M)]	03.91- 12.94	112230	14 80		03.91- 12.94	111130	12 1.1
		10.93-	112298	14 80		10.93-	113443	12 1.4
		10.93-	112299	14 95				
	[BFZ (XU5JP)]	07.93- 01.94	112230	14 80	10.93-	113443	12 1.4	
		07.93- 10.97	112299	14 95	07.93- 10.97	111130	12 1.1	
		10.93-	112298	14 80				
ZX 1.8 i 16V	[LFY (XU7JP4)]	01.96- 02.98	111318	14 80		01.96- 02.98	111130	12 1.1
		01.96- 02.98	113604	14 95				
ZX 1.8 i	[LFZ (XU7JP)]	07.92- 10.97	112298	14 80		07.92- 10.97	111130	12 1.1
		07.92- 10.97	112299	14 95		A13 07.92- 10.97	113443	12 1.4
ZX 1.8 Diesel	[161A (XUD7)]	06.93- 06.97	111318	14 80		06.93- 06.97	111070	12 1.7
		06.93- 06.97	111893	14 70		06.93- 10.97	114460	12 1.4
ZX 1.9 i	[DKZ (XU9JA)]	03.91- 10.97	112298	14 80		03.91- 10.97	111130	12 1.1
		03.91- 10.97	112299	14 95		A13 03.91- 10.97	113443	12 1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**CITROEN** Continued

ZX 1.9 Diesel	[D9B (XUD9A/U)]	03.91- 06.95	112292	14 70	06.94- 10.97	114460	12 1.4	
		06.94-	112688	14 95	06.94-	111070	12 1.7	
		06.94-	112703	14 120				
		06.94-	113485	14 80				
		07.95- 10.97	111893	14 70				
		Chas. -6778 03.91- 06.95	112292	14 70				
		Chas. 6629- 06.94-	112688	14 95				
		Chas. 6629- 06.94-	112703	14 120				
		Chas. 6629- 06.94-	113485	14 80				
		ACPS 06.94- 06.97	114026	14 80				
		AC,PS, Stelnr. 6629- 06.94-	111893	14 70				
		[DJY (XUD9A)]	06.94- 06.97	111893	14 70	06.94- 06.97	111070	12 1.7
			06.94- 06.97	112292	14 70	06.94- 06.97	114460	12 1.4
			06.94- 06.97	112688	14 95			
			06.94- 06.97	112703	14 120			
	06.94- 06.97	113485	14 80					
	ACPS 06.94- 06.97	114026	14 80					
ZX 1.9 TD	[DHY (XUD9TE/Y)]	03.91-	112292	14 70	03.91- 10.97	114460	12 1.4	
		06.95- 01.98	112703	14 120	03.91- 01.98	111070	12 1.7	
		Eng. -6778 03.91- 01.98	112292	14 70				
		Chas. -6628 10.93-	112292	14 70				
		ACPS 03.91- 10.97	114026	14 80				
		AC 03.91- 01.98	112230	14 80				
ZX 1.9 16V	[RFT (XU10J4/Z)]	07.92- 05.95	112230	14 80	07.92- 10.97	111070	12 1.7	
		07.92- 06.95	112292	14 70	07.92- 10.97	114460	12 1.4	
		07.95- 10.97	111893	14 70				
		Chas. 6629- 07.92- 10.97	112688	14 95				
		Chas. 6629- 07.92- 10.97	112703	14 120				
		Chas. 6629- 07.92- 10.97	113485	14 80				
	ACPS 10.93- 10.97	114026	14 80					
ZX 2.0 16V	[RFT (XU10J4/Z)]	07.92- 10.97	111318	14 80				
		07.92- 10.97	112298	14 80				
		07.92- 10.97	112299	14 95				
		07.92- 10.97	113604	14 95				
		07.92- 10.97	113755	14 150				
	[RFY (XU10J4/Z)]	07.92- 10.97	111318	14 80				
		07.92- 10.97	112298	14 80				
		07.92- 10.97	112299	14 95				
		07.92- 10.97	113604	14 95				
		07.92- 10.97	113755	14 150				
	ZX 2.0 116V	[RFS (XU10J4RS)]	05.96-	111318	14 80			
			05.96- 06.97	113604	14 95			
[RFT (XU10J4/Z)]		07.92- 10.97	111318	14 80	07.92- 10.94	111130	12 1.1	
		07.92- 06.97	113604	14 95				
		06.94-	112298	14 80				
		06.94-	112299	14 95				
[RFY (XU10J4/Z)]	07.92- 10.94	112298	14 80	07.92- 10.94	113443	12 1.4		
	07.92- 10.94	112299	14 95					
ZX 2.0 i	[RFX (XU10J2C)]	07.92- 06.96	112298	14 80	07.92- 10.97	113443	12 1.4	
		07.92- 06.96	112299	14 95				
		07.92- 06.97	113604	14 95				
		Chas. 7175- 06.96- 10.97	111318	14 80				
		Chas. -7174 07.92- 06.96	112298	14 80				
		Chas. -7174 07.92- 06.96	112299	14 95				
<b>PASSENGER CARS AO</b>								
AX 1.4 4x4	[K2A]	09.86- 07.92	112754	14 70				
		AC 09.86- 07.92	114026	14 80				
Berlingo 2.0 HDi 4x4	[RHY (DW10TD)]	11.02- 10.05	113640	14 150	11.02- 10.05	111070	12 1.7	
		11.02- 10.05	113755	14 150				
		03.04- 10.05	112058	14 70				
		03.04- 10.05	112460	14 150				
		03.04- 10.05	112480	14 90				
	03.04- 10.05	113603	14 80					
BX 1.6	[B6D]				07.82- 01.93	110587	12 1.2	
BX 1.9 GTi 4x4					10.84- 01.93	110587	12 1.2	
C2 1.4		10.06-	115474	14 80				
C3 1.4 Pluriel Hybrid	[KFV (TU3JP)]	09.05-	113755	14 150				
C5 3.0	[ES9A]				02.08-	115354	12 1.3	
					02.08-	115354	12 1.3	
XM 2.1 Diesel D12 VSX	[P9A (XUD11A)]	03.96- 08.96	112688	14 95	03.96- 08.96	111070	12 1.7	
		03.96- 08.96	112703	14 120				
XM 3.0		05.89- 05.94	112299	14 95				
Xsara 1.6 Picasso Chrono		04.01- 10.04	113575	14 80				
ZX 1.4 Diesel	[K9Y (TUD3Y)]	07.94- 10.97	110619	14 70	07.94- 10.97	110584	12 1.2	
					07.94- 10.97	111029	12 1.4	
ZX 1.5 Diesel SX	[VJY (TUD5)]	06.96- 02.98	111532	14 80				
		06.96- 02.98	112287	14 70				
ZX 1.9		03.91- 08.92	112292	14 70	03.91- 09.93	111130	12 1.1	
					03.91- 09.93	113443	12 1.4	
<b>Clark</b>								
<b>FORK LIFTS</b>								
GCX40	[Perkins]				01.90- 01.97	111222	12 2.8	
GCX50	[Perkins]				01.90- 01.97	111222	12 2.8	
GPX35D	[Perkins]				01.90- 01.95	111222	12 2.8	
GPX40D	[Perkins]				01.90- 01.95	111222	12 2.8	
GPX50D	[Perkins]				01.90- 01.95	111222	12 2.8	
Various models 4.3	[GM Vortec]				01.68-	115985	12 1.6	



Various models		01.75- 01.78	110173	28	75		01.74- 01.83	111221	12	2.5	
		01.95- 01.00	113310	14	50		01.68-	110468	12		
							01.02- 01.03	113679	12	1.6	
							01.85- 01.94	113668	12	1.2	
							01.75- 01.84	112243	24		
							01.69- 01.93	110436	12		
								112489	12	2.7	
							01.89- 12.95	111383	12	2.8	
							01.68-	111190	12		
							01.75- 01.80	110347	24	7.5	
Isuzu engine								110602	12	2.8	
							01.82-	111222	12	2.8	
								112255	12		
							01.71- 01.78	111000	24	6.5	
								111683	12	2.0	
	<b>Claas</b>										
	<b>AGRICULTURE</b>										
	48 3.9	[4.236]	06.78-	112098	14	65					
	56 4.1	[4.248]	12.83-	110641	14	33					
	66 5.8	[6.354]	12.79- 10.85	111649	14	33					
76 6.1	[6.372]	06.78-	112098	14	65						
85	[OM352]						10.74- 05.76	110525	12	3.0	
86 5.7	[OM352]	06.78-	112098	14	65						
96 5.7	[OM352]	09.79- 10.85	112098	14	65						
96	[OM352]	06.78-	112098	14	65						
105	[OM360]	04.82-	112098	14	65						
106	[OM401]	05.80-	113611	14	90		05.80-	110539	12	3.6	
							05.80- 10.85	113268	12	1.6	
546 4.5	[4045TRT]							114903	12	4.2	
556 4.5	[4045TRT]							114903	12	4.2	
566 4.5	[4045TRT]							114903	12	4.2	
616 6.8	[6068DRT]							114903	12	4.2	
656 6.8	[6068DRT]							114903	12	4.2	
675	[OM360]	10.74-	113611	14	90						
680	[OM421]	10.74-	113611	14	90		10.74-	110539	12	3.6	
690 14.6	[OM422]						10.74- 10.89	110206	24	5.4	
810 6.8	[John Deere]		114787	14	100						
816			113986	14	120						
820 6.8	[John Deere]		114787	14	100						
826			113986	14	120						
836			113986	14	120						
840 6.8	[John Deere]		114787	14	100						
850 6.8	[John Deere]		114787	14	100						
850			113949	14	150						
685 SL	[OM421]	10.74-	113611	14	90		01.87-	110539	12	3.6	
<b>Combines</b>											
Various 4.5 410 420 430			115343	14	175						
Various 510 520 530 540			115343	14	175			115357	12	4.2	
			113986	14	120						
Various 610 620 630 640			113986	14	120			115357	12	4.2	
			115343	14	175						
Various models			114834	14	150						
			114735	14	150			115326	12	5.0	
			114513	14	95		08.78- 10.82	110536	12	2.7	
			114000	14	120		09.73- 05.76	110525	12	3.0	
						10.74- 10.76	110775	12	1.8		
							116086	12	2.7	A49	
Various models 926 936 946	[BF6L1013FL]	01.05-	115833	14	120						
<b>Compair</b>											
<b>INDUSTRY</b>											
Various models							01.76-	110439	12	2.0	
							01.74- 01.78	110523	24	4.8	
<b>Conveyancer</b>											
<b>FORK LIFTS</b>											
Various models							01.70- 01.83	110442	12	2.1	
<b>Crusader</b>											
<b>MARINE</b>											
Various models		01.00- 01.00	113691	14	70						
		01.00- 01.00	113692	14	70						
		01.00- 01.00	111250	14	42						
<b>Cub Cadet</b>											
<b>AGRICULTURE</b>											
982	[Onan B48G]						01.79- 01.84	113015	12		
984	[Onan B48G]						01.82- 01.84	113015	12		
986	[Onan B48G]						01.82- 01.84	113015	12		
1912	[Onan B48G]						B48G Eng.	113015	12		
1914	[Onan B48G]						01.85- 01.86	113015	12		
5264 1.0	[D070]							115425	12	1.3	
7000 Diesel	[Mitsubishi 3-69]	01.98- 01.03	112492	14	50						
7200 Diesel	[Mitsubishi 3-69]	01.98- 01.03	112492	14	50						
7205 Diesel	[Mitsubishi 3-69]	01.98- 01.03	112492	14	50						
7260 Diesel	[Mitsubishi 3-80]	01.98- 01.03	112492	14	50						
7265 Diesel	[Mitsubishi 3-80]	01.98- 01.03	112492	14	50						
7305 Diesel	[mitsubishi Equipped]		114079	14	40						
7360 Diesel	[Mitsubishi 4-107]	01.00- 01.03	112492	14	50						
7530 Diesel		01.04- 01.06	112492	14	50						
7532 Diesel		01.04- 01.06	112492	14	50						
Compact 1170	[Briggs & Stratton]						01.00- 01.01	113853	12		
Compact 1600	[Briggs & Stratton]						01.99- 01.99	113853	12		
Compact 1800	[Briggs & Stratton]						01.99- 01.99	113853	12		
Compact 2130	[Kohler]						01.94- 01.95	112546	12	0.6	
Compact 2135	[Kohler]						01.94- 01.95	112546	12	0.6	
Compact 2185	[Kohler]						01.94- 01.01	112546	12	0.6	
Garden 1340 1.3	[Kohler]						01.90- 01.91	112150	12		
Garden 1863	[Kohler]						01.93- 01.97	112546	12	0.6	
Garden 1864	[Kohler]						01.93- 01.97	112546	12	0.6	

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



**CUB CADET** *Continued*

Garden 2072					01.87- 01.89	112831	12	0.6	
Garden 2082					01.92- 01.00	112831	12	0.6	
Garden 2084	[Kohler]				01.94- 01.95	112546	12	0.6	
Lawn 1315 1.3	[Kohler]				01.89- 01.91	112150	12		
Lawn 1320	[Kohler]				01.89- 01.91	112150	12		
Lawn 1325	[Kohler]				01.92- 01.93	112150	12		
Lawn 1330	[Kohler]				01.92- 01.93	112150	12		
Lawn 1405	[Kohler]				01.90- 01.91	112150	12		
Various models						115687	12	0.6	
Zero Turn	[Kawasaki]					114823	12	0.6	
	[Kohler]					114075	12		
<b>INDUSTRY</b>									
365	[Kohler]				01.00- 01.02	112546	12	0.6	
3654	[Kohler]				01.00- 01.01	112546	12	0.6	
3660	[Kohler]				01.00- 01.01	112546	12	0.6	
RTZ 17	[Briggs & Stratton]				01.04- 01.04	113853	12		
Z48	[Kohler]				01.97- 01.99	112546	12	0.6	
Z54	[Kohler]				01.97- 01.99	112546	12	0.6	
Z-Force 42	[Briggs & Stratton]				01.04- 01.04	113853	12		
<b>MISCELLANEOUS</b>									
Big Country	[Honda]				01.02- 01.04	113732	12	1.0	
Volunteer	[2TNV70]					114891	12	1.1	
<b>Cummins</b>									
<b>TRUCKS EU</b>									
Various models	[DT466]	114349	28	150					
<b>INDUSTRY</b>									
Engine					01.85-	112267	12	2.5	
Sweeper						115968	12	2.0	
Various models						114282	24	4.5	
						115352	12	2.5	
<b>MOTORS</b>									
4B 3.3		114097	14	60					
Engine 10.0		01.83- 01.91	110801	28	45	01.83- 01.93	112089	12	
		01.83- 12.92	112989	14	60				
			112265	28	100				
Engine 14.0			112265	28	100	01.93	112089	12	
		01.83- 01.93	110801	28	45				
		01.83- 12.92	112989	14	60				
Engine 5.9			113999	14	150 IS		110520	24	4.0
		01.77- 01.91	112265	28	100		113114	12	2.7
		01.89-	112773	14	135		116072*	24	5.5
Engine 8.3		01.83- 01.85	110801	28	45		114013	24	
		01.89- 01.98	112265	28	100		113827	24	7.0
						01.92- 01.98	112544	24	7.5
Engine			111647#	28	60		113429	12	4.2
		01.91- 01.92	112993	14	130		114332	12	2.2
		01.91- 01.92	112994	14	100	01.83-	112267	12	2.5
		01.80- 01.88	110801	28	45		113114	12	2.7
		01.80- 12.91	112989	14	60				
		01.92	112265	28	100				
		01.91- 01.92	112160	28	75				
OSB 6.7L 6.7 Diesel	[OSB]						114325	12	4.6
QSC 8.3L 8.3 Diesel	[QSC]						114325	12	4.6
Various models		01.87-	114536	14	160	01.87-	115564	12	3.0
		01.87-	111295	28	55	01.87-	115447*	24	8.0
		01.83- 12.84	112989	14	60		112372	24	7.8
			114374	28	110	01.85-	112267	12	2.5
		01.87-	112560	28	140	01.87-	114339	24	4.5
		01.87-	114351	14	200	01.87-	114282	24	4.5
		01.87-	114347	28	150	01.03-	114326	24	7.5
		01.80- 01.85	110801	28	45	01.87-	114330	24	8.3
		01.87-	114349	28	150	01.87-	114331	24	8.3
						01.87-	114332	12	2.2
						01.87-	114338	24	4.5
						01.87-	112544	24	7.5
						01.70-	111000	24	6.5
							114397	24	4.0
						01.83- 01.85	112255	12	
		01.87-				01.87-	115352	12	2.5
		01.87-				01.87-	114710	24	4.0
		01.87-				01.87-	111760	24	4.5
<b>Dacia</b>									
<b>PASSENGER CARS EU</b>									
1310 1.3	[810-02..]					05.83-	110367	12	1.0
Dokker 1.5 dCi	[K9K612]					11.12-	113897	12	1.4
Dokker 1.6 16V	[K7M812]					11.12-	113932	12	0.85
Dokker 1.6 LPG	[K7M812]					11.13-	113932	12	0.85
	[K7M828]					11.13-	113932	12	0.85
Dokker Express 1.5 dCi	[K9K612]					12.12-	113897	12	1.4
Dokker Express 1.6 16V	[K7M812]					12.12-	113932	12	0.85
Duster 1.5 DCi	[K9K796]	04.10-	113862	14	125	04.10-	113897	12	1.4
	[K9K856]	04.10-	113940	14	110 A47, A49				
	[K9K884]					04.13-	113897	12	1.4
		04.11-	113862	14	125	04.11-	113897	12	1.4
		04.11-	113940	14	110 A47, A49				
	[K9K892]	10.10-	113862	14	125	10.10-	113897	12	1.4
		10.10-	113940	14	110 A49, A47				
		10.10-	116048	14	110				
	[K9K896]	06.10-	113862	14	125	06.10-	113897	12	1.4
Duster 1.5 DCi 4x4	[K9K858]					04.13-	113897	12	1.4
	[K9K884]	04.11-	113862	14	125	04.11-	113897	12	1.4
		04.11-	113940	14	110 A47, A49				
	[K9K892]	04.11-	113862	14	125	04.11-	113897	12	1.4
		04.11-	113940	14	110 A47, A49				





	[K9K894]	10.10- 10.10- 10.10-	113862 113940 116048	14 125 14 110 A49, A47 14 110	10.10-	113897	12 1.4
	[K9K898]	06.10-	113862	14 125	06.10-	113897	12 1.4
Duster 1.6 16V	[K4M690]	04.10- 04.10-	113940 115766	14 110 A47, A49 14 110	04.10-	113932	12 0.85
	[K4M696]	04.10- 04.10-	113940 115766	14 110 A47, A49 14 110	04.10-	113932	12 0.85
Duster 1.6 16V 4x4	[K4M606]	06.10- 06.10- 06.10- 06.10- 06.10-	113940 114879 115716 115766 116048	14 110 A49, A47 14 90 14 150 14 110 14 110	06.10-	113932	12 0.85
Duster 1.6 16V Hi-Flex	[K4M696]	04.11- 04.11- 04.11- 04.11-	113940 114879 115766 116048	14 110 A49, A47 14 90 14 110 14 110	04.11-	113932	12 0.85
Duster 1.6 16V Flex	[K4M696]	04.11- 04.11- 04.11- 04.11-	113940 114879 115766 116048	14 110 A49, A47 14 90 14 110 14 110	04.11-	113932	12 0.85
Duster 1.6 16V LPG	[K4M696]	04.11- 04.11- 04.11- 04.11- 04.11-	113940 114879 115716 115766 116048	14 110 A49, A47 14 90 14 150 14 110 14 110	04.11-	113932	12 0.85
Lodgy 1.2 TCe	[H5F402]	03.12-	116095*	14 90			
Lodgy 1.5 dCi	[K9K846]				06.10- 06.15-	113897 113897	12 1.4 12 1.4
Lodgy 1.6	[K7MA8]				03.12-	113932	12 0.85
Lodgy 1.6 LPG	[K7M812] [K7M828]				11.13-	113932	12 0.85
Logan 0.9 TCe	[H4B400]	10.12-	116095*	14 90			
Logan 1.1	[D4F732]	10.12- 05.15-	115549 115549	14 95 14 95	10.12- 05.15-	114095 114095	12 0.85 12 0.85
Logan 1.1 16V	[D4F732]	02.06-	115549	14 95	02.06-	114095	12 0.85
Logan 1.1 16V	[D4F734]	02.06-	115549	14 95	02.06-	114095	12 0.85
Logan 1.2 LPG	[D4F734]	10.12-	115549	14 95	10.12-	114095	12 0.85
Logan 1.4	[K7J710]	02.07- 02.07- 02.07- 02.07-	112144 112199 115655 115656*	14 98 14 75 14 110 14 70	02.07- 02.07- 02.07- 02.07-	113932 114180	12 0.85 12 0.8
Logan 1.4 Express	[K7J710]	03.09- 03.09- 03.09- 03.09-	112144 112199 115655 115656*	14 98 14 75 14 110 14 70	03.09-	114180	12 0.8
Logan 1.4 i	[K7J710]	09.04- 09.04- PS 07.04- ACPS 07.04-	115655 115656* 112199 112144	14 110 14 70 14 75 14 98	09.04- 09.04-	113932 114180	12 0.85 12 0.8
Logan 1.4 MPi	[K7J710] [K7J714]	02.06- 02.06- 02.06- 02.06- 02.06- 02.06-	112144 115655 115656* 112144 112199 115655 115656*	14 98 14 110 14 70 14 98 14 75 14 110 14 70	02.06- 02.06- 02.06- 02.06- 02.06-	113932 114180	12 0.85 12 0.8
Logan 1.5 dCi	[K9K612] [K9K790]	09.05- 09.05-	113862 114673	14 125 14 120	10.12- 09.05-	113897 113927	12 1.4 12 1.1
	[K9K792]	01.06- 01.06-	113862 114673	14 125 14 120	02.07- 01.06-	113897 113927	12 1.4 12 1.1
	[K9K796]	09.07-	113862	14 125	09.07-	113897	12 1.4
	[K9K892]	05.10- 05.10- 05.10-	113862 113940 116048	14 125 14 110 A49, A47 14 110	05.10-	113897	12 1.4
Logan 1.5 DCi Express	[K9K792]	03.09- 03.09-	113862 114673	14 125 14 120	03.09-	113897	12 1.4
	[K9K796]	03.09-	113862	14 125	03.09-	113897	12 1.4
Logan 1.5 DCi MCV	[K9K796]	09.07-	113862	14 125	09.07-	113897	12 1.4
Logan 1.6	[K7M710]	02.07- 02.07- 02.07- 02.07-	112144 112199 115655 115656*	14 98 14 75 14 110 14 70	02.07- 02.07- 02.07- 02.07-	113932 114180	12 0.85 12 0.8
Logan 1.6 Express	[K7M710]	03.09- 03.09- 03.09-	112144 115655 115656*	14 98 14 110 14 70	03.09-	114180	12 0.8
Logan 1.6 16V	[K4M690] [K4M696]	02.06- 02.06- 02.06-	112144 115766 112144	14 98 14 110 14 98	02.06- 02.06-	115442 115442	12 0.8 12 0.8
Logan 1.6 16V MCV	[K4M690] [K4M696]	02.07- 02.07-	115766 115766	14 110 14 110	02.07- 02.07-	113932 113932	12 0.85 12 0.85
Logan 1.6 i	[K7M710]	09.04- PS 07.04- ACPS 07.04-	115655 112199 112144	14 110 14 75 14 98	09.04- 09.04-	114180 113932	12 0.8 12 0.85
Logan 1.6 MPi 85	[K7M800]	05.10- 05.10-	114879 115716	14 90 14 150	05.10-	113932	12 0.85
Logan 1.6 LPG	[K7M710]	11.08- 11.08- 11.08- 11.08-	112144 112199 115655 115656*	14 98 14 75 14 110 14 70	11.08- 11.08-	113932 114180	12 0.85 12 0.8
Logan 1.6 16V Flex	[K4M696]	01.11- 01.11- 01.11- 01.11-	113940 114879 115766 116048	14 110 A49, A47 14 90 14 110 14 110	01.11-	113932	12 0.85

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**DACIA** *Continued*

Logan 1.6 16V Flexifuel	[K4M690]	11.09-	113940	14 110	A49, A47	11.09-	113932	12	0.85
		11.09-	115766	14	110				
		11.09-	116048	14	110				
	[K4M694]	11.09-	113940	14 110	A49, A47	11.09-	113932	12	0.85
		11.09-	115766	14	110				
		11.09-	116048	14	110				
Logan 1.6 BiFuel Express BiFuel	[K7M800]	05.10-	114879	14	90	05.10-	113932	12	0.85
		05.10-	115716	14	150				
Logan 1.6 Flexfuel	[K7M718]	05.10-	114879	14	90	05.10-	113932	12	0.85
		05.10-	115716	14	150				
	[K7M800]	05.10-	114879	14	90				
		05.10-	115716	14	150				
Logan MCV 0.9 TCe 90	[H4B400]	02.13-	116095*	14	90				
Logan MCV 0.9 TCe 90		09.15-	116095*	14	90				
Logan MCV 1.1	[D4F732]	02.13-	115549	14	95	02.13-	114095	12	0.85
Logan MCV 1.1 LPG	[D4F734]	02.13-	115549	14	95	02.13-	114095	12	0.85
Logan MCV 1.5 dCi	[K9K612]					02.13-	113897	12	1.4
Sandero 0.9 TCe 90	[H4B400]	01.13-	116095*	14	90				
Sandero 0.9 TCe 90		09.15-	116095*	14	90				
Sandero 1.1	[D4F732]	01.13-	115549	14	95	01.13-	114095	12	0.85
Sandero 1.1 LPG	[D4F732]	01.13-	115549	14	95	01.13-	114095	12	0.85
Sandero 1.2 16V	[D4F732]	11.08-	115549	14	95	11.08-	114095	12	0.85
Sandero 1.2 Flexfuel	[D4F732]	11.08-	115549	14	95	11.08-	114095	12	0.85
Sandero 1.4	[K7J710]	06.08-	112144	14	98	06.08-	113932	12	0.85
		06.08-	112199	14	75				
		06.08-	115655	14	110				
		06.08-	115656*	14	70				
Sandero 1.4 MPI LPG	[K7J714]	01.09-	112144	14	98	01.09-	113932	12	0.85
		01.09-	112199	14	75				
		01.09-	114879	14	90				
		01.09-	115655	14	110				
		01.09-	115656*	14	70				
Sandero 1.5 dCi	[K9K612]					01.13-	113897	12	1.4
		11.08-	113862	14	125				
		11.08-	113940	14 110	A47, A49				
	[K9K792]	11.08-	114673	14	120	11.08-	113897	12	1.4
		11.08-	113862	14	125				
		11.08-	113940	14 110	A47, A49				
[K9K892]	05.10-	113862	14	125	05.10-	113897	12	1.4	
	05.10-	113940	14 110	A49, A47					
Sandero 1.6	[K7M710]	06.08-	112199	14	75	06.08-	115442	12	0.8
		06.08-	115655	14	110				
		06.08-	115656*	14	70				
Sandero 1.6 16V	[K4M690]					11.12-	113932	12	0.85
		07.11-	113940	14 110	A49, A47				
		07.11-	114879	14	90				
		07.11-	115766	14	110				
		07.11-	116048	14	110				
Sandero 1.6 MPI 85	[K7M800]	05.10-	114879	14	90	05.10-	113932	12	0.85
		05.10-	115716	14	150				
Sandero 1.6 Flexfuel	[K4M690]	01.11-	113940	14 110	A49, A47	01.11-	113932	12	0.85
		01.11-	114879	14	90				
		01.11-	115716	14	150				
		01.11-	115766	14	110				
		01.11-	116048	14	110				
		[K4M694]	01.11-	113940	14 110				
	01.11-		114879	14	90				
	01.11-		115716	14	150				
	01.11-		115766	14	110				
	01.11-		116048	14	110				
	[K4M696]		01.11-	113940	14 110	A49, A47	01.11-	113932	12
		01.11-	114879	14	90				
01.11-		115716	14	150					
01.11-		115766	14	110					
01.11-		116048	14	110					
Sandero 1.6	[K7M818]	05.10- 12.12	114879	14	90	05.10- 12.12	113932	12	0.85
<b>PASSENGER CARS AO</b>									
1210 1.2						06.83- 12.94	110367	12	1.0
<b>Daedong Kioti</b>									
<b>AGRICULTURE</b>									
DK35 Series	[Kubota]		114219	14	50				
DK40 Series	[Kubota]		114219	14	50				
DK65 Series	[Kubota]		114219	14	50				
DK65S Series	[Kubota]		114219	14	50				
<b>Daewoo</b>									
<b>PASSENGER CARS EU</b>									
Avia A							113269	12	3.0
Espero 1.5 16V	[A15MF]	02.92- 01.98	111846	14	80	02.95- 06.99	111684	12	1.4
Espero 1.8	[C18LE]	02.95- 01.97	111708	14	85				
Espero 2.0	[C20LE]	02.95- 01.97	111708	14	85				
Evanda 2.0	[L88]	08.02-	113498	14	80	08.02- 01.05	111848	12	1.0
Kalos 1.2	[X20SED]	08.02-	113498	14	80	08.02-	111848	12	1.0
Kalos 1.4	[B12S1]	04.03-	115366	14	80	04.03-	113860	12	0.8
Kalos 1.4 16V	[F12S3]	04.03- 01.05	115366	14	80	04.03- 01.05	113860	12	0.8
Kalos 1.4 16V	[F14S3]	09.02- 12.04	114350	14	85	09.02-	111123	12	0.9
Korando 2.0 16V	[F14D3]	04.03-	114350	14	85	04.03-	111123	12	0.9
Korando 2.0 16V	[M161.950]	02.99-	112578	14	75	02.99-	111347	12	1.2
Korando 2.3	[M161.970]	02.99-	112578	14	75	02.99-	111347	12	1.2
		07.96- 12.00	112530	14	120				
		01.99- 02.01	112530	14	120				
		01.99-	112578	14	75				
Korando 2.9 Diesel	[OM662]	01.99-	112578	14	75	01.99-	111065	12	2.2
		02.99-	112529	14	90				
Korando 2.9 TD	[OM60129TD]	01.99-	112578	14	75	07.96- 12.00	111065	12	2.2
Korando 3.2	[M104.995]	01.99-	112578	14	75				



Lacetti 1.4	[F14D3]	02.04-	114350	14	85	03.04- 01.05	111123	12	0.9	
Lacetti 1.6	[F16D3]	02.04- 02.04-	114350 114412	14	85	02.04- 01.05	111123	12	0.9	
Lacetti 1.8	[T18SED]					02.04- 01.05	111848	12	1.0	
Lanos 1.4	[A14SMS]	05.97-	113350	14	85	05.97-	111123	12	0.9	
Lanos 1.5	[A15SMS]	05.97- AT 05.97-	113350	14	85	05.97-	111123	12	0.9	
Lanos 1.6 16V	[A16DMS]	05.97-	113350	14	85	04.97- 09.03 05.97-	111123 111684	12	0.9 1.4	
Leganza 2.0	[T20SED]	01.01- 12.02	113498	14	80	01.01- 12.02	111848	12	1.0	
Leganza 2.0 16V	[T20SED]	07.00-	113498	14	80	07.00-	111848	12	1.0	
Leganza 2.0 16V	[X20SED]	06.97- 12.02	113498	14	80	06.97-	111848	12	1.0	
Leganza 2.2 16V	[T22SED]	04.99- 12.02	113498	14	80	04.99- 12.02	111848	12	1.0	
Matiz 0.8	[F8CV]	09.98-	114114	14	65	09.98- 01.05	111849	12	0.8	
Matiz 1.0	[B10S]	01.03-	114114	14	65	01.03-	113860	12	0.8	
Musso 2.3	[M111.970]	01.99-	112578	14	75	01.99-	111347	12	1.2	
Musso 2.3 TD	[OM601]	09.99-	112578	14	75	09.99-	111065	12	2.2	
Musso 2.9 Diesel	[OM662]	01.99-	112578	14	75	01.99-	111065	12	2.2	
Musso 2.9 TD	[OM60129TD]	01.99-	112578	14	75					
Musso 3.2	[M104.992]	01.99-	112578	14	75	01.99-	111347	12	1.2	
Nexia 1.5	[G15MF]	02.95- 01.98	111846	14	80	01.95- 11.01	111123	12	0.9	
Nexia 1.5 16V	[A15MF]	02.95-	111846	14	80	02.95- 08.97 02.95-	111684 111123	12	1.4 0.9	
Nubira 1.4	[F14D3]	10.03- 12.04	114350	14	85					
Nubira 1.6	[F16D3]	07.03- 07.03- 07.03-	113498 114350 114412	14	80 85 85	07.03-	111123	12	0.9	
Nubira 1.6 16V	[A16DMS]	05.97-	113349	14	85	02.97-	111123	12	0.9	
Nubira 1.6 16V	[A16SMS]	06.97-	113498	14	80	06.97-	111123	12	0.9	
Nubira 1.8	[T18SED]	07.03- 07.03- 03.99-	114350 114412 113498	14	85 85 80	07.03-	111848	12	1.0	
Nubira 2.0 16V	[T20SED]	12.00-	113498	14	80	12.00-	111123	12	0.9	
Nubira 2.0 16V	[X20SED]	05.97-	113498	14	80	05.97-	111848	12	1.0	
Rexton 2.9 TD	[OM662.983]	04.02-	112578	14	75					
Rexton 3.2 V6	[M162.992]	04.02-	112578	14	75					
Rezzo/Tacuma 1.6	[A16DMS]	09.00-	113349	14	85	Chas. -732867 Chas. 732868-	09.00- 01.05 09.00- 01.05	111123 112431	12 12	0.9 1.1
Rezzo/Tacuma 1.8	[A18DMS]						09.00- 01.05	111123	12	0.9
Rezzo/Tacuma 1.8	[F18D2]						09.00- 01.05	111123	12	0.9
Rezzo/Tacuma 1.8	[F18S2]						09.00- 01.05	111123	12	0.9
Rezzo/Tacuma 2.0	[T20SED]	09.00-	113498	14	80	09.00- 01.05	111848	12	1.0	
Rezzo/Tacuma 2.0	[X20SED]	09.01-	113498	14	80	09.01- 01.05	111848	12	1.0	
<b>PASSENGER CARS US</b>										
Leganza 2.2		01.99- 01.00	113498	14	80	01.99- 01.00	111848	12	1.0	
Nubira 2.0		01.99- 01.00	113498	14	80	01.99- 01.00	111848	12	1.0	
<b>PASSENGER CARS AO</b>										
Aranos 1.5	[V15L]					01.95- 11.97	111123	12	0.9	
Cielo 1.5	[V15L]					06.94-	111123	12	0.9	
Lacetti 1.8 CDX	[T18SED]	08.03- 12.04	114350	14	85					
Winstorm 3.2 Executive 4WD	[Z32SEE]	12.06-	114235	14	120					
<b>FORK LIFTS</b>										
Various models										
							110573	12	2.0	
							112502	24	4.5	
							113456	24	6.0	
							112344	12	2.5	
							111709	12	2.2	
<b>INDUSTRY</b>										
Various models										
			115445	28	60					
<b>DAF</b>										
<b>PASSENGER CARS EU</b>										
428-435 2.5 Diesel	[EN55]					04.89- 08.93	111125	12	2.2	
428-435 2.5 TD	[ET70]					04.89- 08.93	111125	12	2.2	
66 Marathon 1.3 1300	[B13,0S]	09.73- 08.75	110899	14	33	09.73- 08.75	110367	12	1.0	
<b>PASSENGER CARS US</b>										
55 1.1						01.68-	110367	12	1.0	
<b>TRUCKS EU</b>										
45.120 5.9	[CD85]					05.91- 12.00	111399	24	4.0	
45.130 5.9	[CN96]	05.91- 12.00	111569	28	30	05.91-	111399	24	4.0	
45.130 5.9	[CS97M]	05.91- 12.00	111569	28	30	05.91- 12.00	111399	24	4.0	
45.130 5.9	[CT97]	05.91- 12.00	111569	28	30	05.91- 12.00	111399	24	4.0	
45.150 5.9	[CB108]					05.91- 12.00	111399	24	4.0	
45.150 5.9	[CS107M]					05.91- 12.00	111399	24	4.0	
45.150 5.9	[CT108]					05.91- 12.00	111399	24	4.0	
45.160 5.9	[CS119]	05.91- 12.00	111569	28	30	05.91- 12.00	111399	24	4.0	
45.160 5.9	[CT119]	05.91- 12.00	111569	28	30	05.91- 12.00	111399	24	4.0	
45.180 5.9	[CS133M]					05.95- 12.00	111399	24	4.0	
45.210 5.9	[CS158M]					05.95- 12.00	111399	24	4.0	
65.180 6.2	[NS133L]	03.93- 02.98	110895	28	55	03.93- 02.98	111637	24	4.0	
65.180 6.2		03.93- 02.98	112159	28	80					
65.180 6.2	[NS133M]	03.93- 02.98	110895	28	55					
65.210 6.2	[NS156L]	03.93- 02.98	110895	28	55	03.93- 02.98	111637	24	4.0	
65.210 6.2		03.93- 02.98	112159	28	80					
65.210 6.2	[NS156M]	03.93- 02.98	110895	28	55					
75.240 8.7	[RS180]	07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2	
75.240 8.7		07.92- 02.98	112159	28	80					
75.240 8.7	[RS180L]	07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2	
75.240 8.7		07.92- 02.98	112159	28	80					
75.240 8.7	[RS180M]	07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2	
75.240 8.7		07.92- 02.98	112159	28	80					
75.270 8.7	[RS200]	07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2	
75.270 8.7		07.92- 02.98	112159	28	80					
75.270 8.7	[RS200L]	07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2	
75.270 8.7		07.92- 02.98	112159	28	80					
75.270 8.7	[RS200M]	07.92- 02.98	110895	28	55	07.92- 02.98	112055	24	5.2	
75.270 8.7		07.92- 02.98	112159	28	80					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

DAF Continued

75.300 8.7	[RS222]	07.92-02.98	110895	28 55	07.92-02.98	112055	24 5.2
		07.92-02.98	112159	28 80			
	[RS222L]	07.92-02.98	110895	28 55	07.92-02.98	112055	24 5.2
		07.92-02.98	112159	28 80			
85.330 11.6	[RS222M]	07.92-02.98	110895	28 55	07.92-02.98	112055	24 5.2
		07.92-02.98	112159	28 80			
	[WS242]	07.92-02.98	110895	28 55			
		07.92-02.98	112159	28 80			
85.360 11.6	[WS242L]	07.92-02.98	110895	28 55			
		07.92-02.98	112159	28 80			
	[WS242M]	07.92-02.98	110895	28 55			
		07.92-02.98	112159	28 80			
85.360 12.9	[WS268]	07.92-02.98	110895	28 55			
		07.92-02.98	112159	28 80			
	[WS268L]	07.92-02.98	110895	28 55			
		07.92-02.98	112159	28 80			
85.400 11.6	[WS268M]	07.92-02.98	110895	28 55			
		07.92-02.98	112159	28 80			
	[MX265]	10.06-05.13	114089	28 80	10.06-05.13	114073	24 5.5
		10.06-05.13	114314	28 110	10.06-05.13	115511	24 5.5 A49
85.410 12.9		10.06-05.13	115495	28 80 A49			
	[WS295M]	03.95-02.98	110895	28 55			
		03.95-02.98	112159	28 80			
	[MX300]	10.05-05.13	114089	28 80	10.05-05.13	114073	24 5.5
85.460 12.9		10.05-05.13	114314	28 110	10.05-05.13	115511	24 5.5 A49
		10.05-05.13	115495	28 80 A49			
	[MX340]	10.05-05.13	114089	28 80	10.05-05.13	114073	24 5.5
		10.05-05.13	114314	28 110	10.05-05.13	115511	24 5.5
85.510 12.9		10.05-05.13	115495	28 80 A49			
	[MX375]	10.05-05.13	114089	28 80	10.05-05.13	114073	24 5.5
		10.05-05.13	114314	28 110	10.05-05.13	115511	24 5.5 A49
		10.05-05.13	115495	28 80 A49			
95.310 11.6	[WS225]	09.87-	111146	28 55	09.87-	110981	24 5.4
		09.87-	112159	28 80			
95.330 11.6	[WS242]	08.90-	111146	28 55	08.90-01.93	110981	24 5.4
		08.90-	112159	28 80			
95.350 11.6	[WS259]	09.87-	111146	28 55	09.87-09.90	110981	24 5.4
		04.88-	112159	28 80			
95.360 11.6	[WS268]	08.90-01.98	110895	28 55	08.90-01.98	110981	24 5.4
		08.90-04.97	111146	28 55			
		08.90-04.97	112159	28 80			
	[WS268G]	08.90-04.97	111146	28 55	08.90-04.97	110981	24 5.4
		08.90-04.97	112159	28 80			
	[WS268L]	08.90-04.97	111146	28 55	09.87-04.97	110981	24 5.4
		08.90-04.97	112159	28 80			
	[WS268M]	08.90-04.97	111146	28 55	03.93-04.97	110981	24 5.4
95.380 11.6		08.90-04.97	112159	28 80			
	[WS282]	09.87-09.90	110116	28 35	09.87-09.90	110981	24 5.4
		09.87-	111146	28 55			
		08.90-	112159	28 80			
95.400 11.6	[WS295]	08.90-01.98	110895	28 55	08.90-01.98	110981	24 5.4
		08.90-04.97	111146	28 55			
		08.90-04.97	112159	28 80			
	[WS295G]	08.90-04.97	111146	28 55	08.90-04.97	110981	24 5.4
		08.90-04.97	112159	28 80			
	[WS295L]	08.90-04.97	111146	28 55	08.90-04.97	110981	24 5.4
		08.90-04.97	112159	28 80			
	[WS295M]	08.90-04.97	111146	28 55	03.93-04.97	110981	24 5.4
95.430 11.6		08.90-04.97	112159	28 80			
	[WS315]	02.92-01.98	110895	28 55	02.92-01.98	110981	24 5.4
		02.92-04.97	111146	28 55			
		02.92-04.97	112159	28 80			
	[WS315G]	02.92-	111146	28 55	02.92-	110981	24 5.4
		02.92-	112159	28 80			
	[WS315L]	02.92-04.97	111146	28 55	02.92-04.97	110981	24 5.4
		02.92-04.97	112159	28 80			
65 CF.180 6.2	[NS133M]				02.98-12.00	111637	24 4.0
	[NS156M]				02.98-12.00	111637	24 4.0
65 CF.210 6.2	[NS177M]	02.98-12.00	110895	28 55	02.98-12.00	111637	24 4.0
					02.98-12.00	114745	24 4.0
75 CF.250 9.2	[PF183M]	01.98-12.00	110895	28 55	01.98-12.00	112055	24 5.2
		01.98-12.00	113284	28 80	02.98-12.00	112581	24 6.2
		01.98-12.00	115491	28 80 A49			
		02.98-12.00	115617	28 100 A49			
		02.98-12.00	115618	28 100			
	[PF212M]	01.98-12.00	110895	28 55	01.98-12.00	112055	24 5.2
75 CF.290 9.2	[PF212M]	01.98-12.00	110895	28 55	01.98-12.00	112055	24 5.2
75 CF.320 9.2	[PF235M]	01.98-12.00	110895	28 55	01.98-12.00	112055	24 5.2
85 CF.340 12.6	[XF250M]	01.98-04.01	110895	28 55	02.98-12.00	112581	24 6.2
		01.98-04.01	113284	28 80			
		01.98-04.01	115491	28 80 A49			
		02.98-12.00	115617	28 100 A49			
		02.98-12.00	115618	28 100			
85 CF.380 12.6	[XF280M]	01.98-12.00	110895	28 55	02.98-12.00	112581	24 6.2
		01.98-12.00	113284	28 80			
		01.98-12.00	115491	28 80 A49			
		02.98-12.00	115617	28 100 A49			
		02.98-12.00	115618	28 100			
85 CF.430 12.6	[XF315M]	01.98-12.00	110895	28 55	02.98-12.00	112581	24 6.2
		01.98-12.00	113284	28 80			
		01.98-12.00	115491	28 80 A49			
		02.98-12.00	115617	28 100 A49			
		02.98-12.00	115618	28 100			

## STARTERS & ALTERNATORS



95 XF.380 12.6	[XF280M]	01.97- 09.02 01.97- 01.97-	110895 28 55 112159 28 80 113284 28 80		01.97-	112581	24	6.2
95 XF.430 12.6	[XF315M]	01.97- 01.97- 01.97-	110895 28 55 112159 28 80 113284 28 80		01.97-	112581	24	6.2
95 XF.480 12.6	[XF355M]	01.97- 01.97- 01.97-	110895 28 55 112159 28 80 113284 28 80		01.97-	112581	24	6.2
95 XF.530 12.6	[XE390C]	02.01- 09.02	110895 28 55		02.01- 09.02	113934	24	5.5
95 XF.530 14.0	[VF390M]	01.97- 01.97- 01.97-	110895 28 55 112159 28 80 113284 28 80		01.97-	112581	24	6.2
CF 65.180 5.9	[CE136C]	01.01-	114036 28 80		01.01-	113760	24	4.0
CF 65.220 5.9	[CE162C]	01.01-	114036 28 80		01.01-	113760	24	4.0
CF 65.220 6.7	[GR165S1]				04.07-	113760	24	4.0
CF 65.250 5.9	[CE184C]	01.01-	114036 28 80		01.01-	113760	24	4.0
CF 65.250 6.7	[GR184S1]				04.07-	113760	24	4.0
CF 65.290 6.7	[GR210S1]				04.07-	113760	24	4.0
CF 75.250 9.2	[PE183C]	01.01- 01.01- 01.01- 01.01-	113284 28 80 115491 28 80 A49 115617 28 100 A49 115618 28 100		01.01- 01.01-	112055 114069	24 24	5.2 4.0
	[PE183S]	01.01- 01.01- 01.01-	115491 28 80 A49 115617 28 100 A49 115618 28 100					
	[PR183S]	01.01- 01.01- 01.01- 01.01-	113284 28 80 115491 28 80 A49 115617 28 100 A49 115618 28 100		01.01- 01.01-	114069 112055	24 24	4.0 5.2
CF 75.310 9.2	[PE228C]	01.01- 01.01- 01.01- 01.01-	113284 28 80 115491 28 80 A49 115617 28 100 A49 115618 28 100		01.01- 01.01-	112055 114069	24 24	5.2 4.0
	[PE228S]	01.01- 01.01- 01.01- 01.01-	113284 28 80 115491 28 80 A49 115617 28 100 A49 115618 28 100		01.01- 01.01-	112055 114069	24 24	5.2 4.0
	[PR228S]	01.01- 01.01- 01.01- 01.01-	113284 28 80 115491 28 80 A49 115617 28 100 A49 115618 28 100		01.01- 01.01-	114069 112055	24 24	4.0 5.2
	[PR265S]				01.01- 01.01-	112055 114069	24 24	5.2 4.0
CF 75.360 9.2	[PE265C]	01.01- 01.01- 01.01- 01.01-	113284 28 80 115491 28 80 A49 115617 28 100 A49 115618 28 100		01.01-	112055	24	5.2
	[PE265S]	01.01- 01.01- 01.01- 01.01-	113284 28 80 115491 28 80 A49 115617 28 100 A49 115618 28 100		01.01-	112055	24	5.2
	[PR265S]	01.01- 01.01- 01.01- 01.01-	113284 28 80 115491 28 80 A49 115617 28 100 A49 115618 28 100		10.06- 01.01-	114069 112055	24 24	4.0 5.2
CF 85.340 12.6	[XE250C]	01.01- 01.01- 01.01- 01.01- 01.97- 01.97-	113284 28 80 115491 28 80 A49 115617 28 100 A49 115618 28 100 110895 28 55 112159 28 80		01.97- 01.01-	112581 113934	24 24	6.2 5.5
CF 85.360 12.6	[MX265]	10.06- 10.06- 10.06- 04.07-	113284 28 80 115617 28 100 A49 115618 28 100 115491 28 80 A49		04.07-	113934	24	5.5
CF 85.360 12.9	[MX-13265]	10.06- 10.06- 10.06-	114089 28 80 114314 28 110 115495 28 80 A49		10.06- 10.06-	114073 115511	24 24	5.5 5.5
	[MX265]	10.06- 10.06- 10.06-	114089 28 80 114314 28 110 115495 28 80 A49		10.06- 10.06-	114073 115511	24 24	5.5 5.5
CF 85.380 12.6	[XE280C]	01.01- 01.01- 01.01- 01.01- 04.01- 04.01- 12.05- 12.05-	113284 28 80 115491 28 80 A49 115617 28 100 A49 115618 28 100 110895 28 55 112159 28 80 114089 28 80 114314 28 110 115495 28 80 A49		12.05- 12.05- 04.01- 01.01-	114073 115511 112581 113934	24 24 24 24	5.5 5.5 6.2 5.5
CF 85.410 12.9	[MX-13303]	10.06- 10.06- 10.06-	114089 28 80 114314 28 110 115495 28 80 A49		10.06- 10.06-	114073 115511	24 24	5.5 5.5
	[MX300]	10.05- 10.05- 10.05-	114089 28 80 114314 28 110 115495 28 80 A49		10.05- 10.05-	114073 115511	24 24	5.5 5.5
CF 85.430 12.6	[XE315C]	01.01- 01.01- 01.01- 01.01- 04.01-	113284 28 80 115491 28 80 A49 115617 28 100 A49 115618 28 100 110895 28 55		04.01- 01.01-	112581 113934	24 24	6.2 5.5
CF 85.460 12.9	[MX-13340]	10.06- 10.06- 10.06-	114089 28 80 114314 28 110 115495 28 80 A49		10.06- 10.06-	114073 115511	24 24	5.5 5.5

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DAF Continued

	[MX340]	10.05-114089	28 80	10.05-114073	24 5.5
		10.05-114314	28 110	10.05-115511	24 5.5 A49
		10.05-115495	28 80 A49		
CF 85.480 12.6	[XE355C]	01.01-113284	28 80	04.01-112581	24 6.2
		01.01-115491	28 80 A49	01.01-113934	24 5.5
		01.01-115617	28 100 A49		
		01.01-115618	28 100		
CF 85.510 12.9	[MX-13375]	10.06-114089	28 80	10.06-114073	24 5.5
		10.06-114314	28 110	10.06-115511	24 5.5 A49
		10.06-115495	28 80 A49		
	[MX375]	10.05-114089	28 80	10.05-114073	24 5.5
		10.05-114314	28 110	10.05-115511	24 5.5 A49
		10.05-115495	28 80 A49		
CF 85360 12.9	[MX265]	10.06-114089	28 80	10.06-114073	24 5.5
		10.06-114314	28 110	10.06-115511	24 5.5 A49
		10.06-115495	28 80 A49		
CF 85410 12.9	[MX300]	10.05-114089	28 80	10.05-114073	24 5.5
		10.05-114314	28 110	10.05-115511	24 5.5 A49
		10.05-115495	28 80 A49		
CF 85460 12.9	[MX340]	10.06-114089	28 80	10.06-114073	24 5.5
		10.06-114314	28 110	10.06-115511	24 5.5 A49
		10.06-115495	28 80 A49		
CF 85510 12.9	[MX375]	10.05-114089	28 80	10.05-114073	24 5.5
		10.05-114314	28 110	10.05-115511	24 5.5 A49
		10.05-115495	28 80 A49		
F 1100 5.8	[DD575]			01.78- 12.81	111637 24 4.0
F 1100 6.2	[DNTD620]	12.86- 11.90	110116 28 35	12.86- 11.90	111637 24 4.0
		12.86- 11.90	111146 28 55		
F 1200 5.8	[DD575]	05.77- 12.81	110116 28 35	01.77- 12.81	111637 24 4.0
		05.77- 12.81	111146 28 55		
F 1300 6.2	[DF615]	07.78- 10.88	110116 28 35	07.78- 10.88	111637 24 4.0
		07.78- 10.88	111146 28 55		
	[DNTD620]	12.86- 12.92	110116 28 35	12.86- 12.92	111637 24 4.0
		12.86- 12.92	111146 28 55		
	[DT615]	07.78- 02.90	110116 28 35	07.78- 02.90	111637 24 4.0
		07.78- 02.90	111146 28 55		
F 1305 6.2	[DT615]	07.78- 02.90	110116 28 35	07.78- 02.90	111637 24 4.0
		07.78- 02.90	111146 28 55		
F 1400 5.8	[DD575]	05.77- 12.81	110116 28 35	11.73- 12.81	111637 24 4.0
		05.77- 12.81	111146 28 55		
F 1400 6.2	[DF615]			01.70- 11.81	112670 24 4.0
F 1500 6.2	[DF615]	07.78- 08.91	110116 28 35	07.78- 08.91	111637 24 4.0
		07.78- 08.91	111146 28 55		
	[DT615]	07.78- 08.91	110116 28 35	07.78- 08.91	111637 24 4.0
		07.78- 08.91	111146 28 55		
F 1600 6.2	[DF615]	05.77- 08.91	110116 28 35	11.73- 08.91	111637 24 4.0
		05.77- 08.91	111146 28 55		
	[DT615]	05.77- 08.91	110116 28 35	11.73- 08.91	111637 24 4.0
		05.77- 08.91	111146 28 55		
F 1700 6.2	[DNS620]	01.88- 02.95	110116 28 35	01.88- 02.95	111637 24 4.0
		01.88- 02.95	111146 28 55		
	[DNTD620]	12.86- 02.95	110116 28 35	12.86- 02.95	111637 24 4.0
		12.86- 02.95	111146 28 55		
	[NT133]	12.86- 02.95	110116 28 35	12.86- 02.95	111637 24 4.0
		12.86- 02.95	111146 28 55		
		12.86- 02.95	112159 28 80		
F 1800 6.2	[DT615]	05.77- 08.91	110116 28 35	11.73- 08.91	111637 24 4.0
		05.77- 08.91	111146 28 55		
F 1900 6.2	[DNS620]	12.86- 09.93	110116 28 35	12.86- 09.93	111637 24 4.0
		12.86- 09.93	111146 28 55		
		12.86- 09.93	112159 28 80		
F 2000 8.3	[DH825]	05.77- 12.79	110116 28 35		
F 2100 6.2	[DF615]	07.78- 09.86	110116 28 35	07.78- 09.86	111637 24 4.0
		07.78- 09.86	111146 28 55		
F 2100 8.3	[DH825]	07.78- 08.91	110116 28 35		
		07.78- 08.91	111146 28 55		
	[DHR825]	07.78- 08.91	110116 28 35		
		07.78- 08.91	111146 28 55		
F 2103 8.3	[DH825]	07.78- 08.91	110116 28 35		
		07.78- 08.91	111146 28 55		
	[DHT825]	07.81- 09.86	110116 28 35	07.81- 09.86	112055 24 5.2
		07.81- 09.86	111146 28 55		
	[DHTD825]	07.78- 08.91	110116 28 35		
		07.78- 08.91	111146 28 55		
F 2105 6.2	[DF615]	07.78- 08.91	110116 28 35	07.78- 08.91	111637 24 4.0
		07.78- 08.91	111146 28 55	07.78- 09.86	112055 24 5.2
F 2105 8.3	[DH825]	07.78- 08.91	110116 28 35		
		07.78- 08.91	111146 28 55		
	[DHR825]	07.78- 09.86	110116 28 35		
		07.78- 09.86	111146 28 55		
	[DHT825]	07.81- 08.91	110116 28 35		
		07.81- 08.91	111146 28 55		
	[DHTD825]	07.78- 08.91	110116 28 35		
		07.78- 08.91	111146 28 55		
F 2200 8.3	[DU825]	05.77- 11.80	110116 28 35		
F 2205 8.3	[DU825]	05.77- 11.80	110116 28 35		
F 2300 8.3	[DHR825]	07.78- 08.91	110116 28 35		
		07.78- 08.91	111146 28 55		
	[DHT825]	11.81- 08.91	110116 28 35		
		11.81- 08.91	111146 28 55		
	[DHTD825]	06.86- 08.91	110116 28 35		
		06.86- 08.91	111146 28 55		
	[DHU825]	07.78- 12.83	110116 28 35		
		07.78- 12.83	111146 28 55		
F 2305 8.3	[DH825]	07.78- 08.91	110116 28 35		
		07.78- 08.91	111146 28 55		

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	[DHR825]	07.78- 08.91	110116	28 35				
		07.78- 08.91	111146	28 55				
	[DHT825]	07.78- 09.86	110116	28 35				
		07.78- 09.86	111146	28 55				
	[DHU825]	07.78- 08.91	110116	28 35				
		07.78- 08.91	111146	28 55				
F 2335 8.3	[DHT825]	07.78- 08.91	110116	28 35				
		07.78- 08.91	111146	28 55				
F 2500 8.3	[DHS825]	02.82- 08.91	110116	28 35	02.82- 08.86	112055	24	5.2
		02.82- 08.91	111146	28 55				
F 2503 8.3	[DHS825]	02.82- 09.86	110116	28 35				
		02.82- 09.86	111146	28 55				
F 2505 8.3	[DHS825]	02.82- 08.91	110116	28 35				
		02.82- 08.91	111146	28 55				
F 2525 8.3	[DHS825]	02.82- 08.91	110116	28 35	01.82- 09.86	112055	24	5.2
		02.82- 08.91	111146	28 55				
F 2535 8.3	[DHS825]	02.82- 08.91	110116	28 35	02.82- 09.86	112055	24	5.2
		02.82- 08.91	111146	28 55				
F 2600 11.6	[DKB1160]	02.72- 12.73	110116	28 35	02.72- 12.73	110209	24	5.4
F 2700 8.3	[HS825]	01.90- 10.93	110116	28 35				
		01.90- 10.93	111146	28 55				
F 2800 11.6	[DKA1160]	05.77- 11.80	110116	28 35	01.74- 11.80	110209	24	5.4
		05.77- 11.80	111146	28 55				
	[DKS1160]	01.74- 09.91	110116	28 35	01.74- 09.86	110209	24	5.4
		01.74- 09.91	111146	28 55				
	[DKS1160E]	05.77- 09.91	110116	28 35	01.80- 09.91	110209	24	5.4
		05.77- 09.91	111146	28 55				
	[DKT1160]	05.77- 11.80	110116	28 35	01.74- 11.80	110209	24	5.4
		05.77- 11.80	111146	28 55				
	[DKTD1160]	01.74- 09.91	110116	28 35	01.74- 09.91	110209	24	5.4
		01.74- 09.91	111146	28 55				
	[DKV1160]	01.80- 09.91	110116	28 35	01.80- 09.91	110209	24	5.4
		01.80- 09.91	111146	28 55				
	[DKXE1160]	01.80- 09.91	110116	28 35	01.80- 09.91	110209	24	5.4
		01.80- 09.91	111146	28 55				
F 2803 11.6	[DKS1160]	05.77- 09.91	110116	28 35	01.74- 09.91	110209	24	5.4
		05.77- 09.91	111146	28 55				
	[DKS1160E]	01.80- 07.90	110116	28 35	01.80- 07.90	110209	24	5.4
		01.80- 07.90	111146	28 55				
	[DKTD1160]	01.74- 09.91	110116	28 35	01.74- 09.91	110209	24	5.4
		01.74- 09.91	111146	28 55				
	[DKV1160]				05.83- 09.91	110209	24	5.4
	[DKXE1160]				06.85- 09.91	110209	24	5.4
F 2804 11.6	[DKS1160E]	01.80- 09.86	110116	28 35	01.80- 07.90	110209	24	5.4
		01.80- 09.86	111146	28 55				
	[DKT1160]	01.80- 09.86	110116	28 35	01.80- 09.86	110209	24	5.4
					05.83- 09.91	110209	24	5.4
	[DKV1160]				06.85- 09.91	110209	24	5.4
	[DKXE1160]							
F 2805 11.6	[DKS1160]	05.77- 09.91	110116	28 35	01.74- 09.91	110209	24	5.4
		05.77- 09.91	111146	28 55				
	[DKS1160E]	05.83- 09.91	110116	28 35	05.83- 09.91	110209	24	5.4
		05.83- 09.91	111146	28 55				
	[DKTD1160]	01.74- 09.91	110116	28 35	01.74- 09.91	110209	24	5.4
		01.74- 09.91	111146	28 55	06.86- 09.91	110998	24	5.2
	[DKV1160]	05.83- 09.91	110116	28 35	05.83- 09.91	110209	24	5.4
		05.83- 09.91	111146	28 55				
	[DKXE1160]	05.83- 09.91	110116	28 35	06.85- 09.91	110209	24	5.4
		05.83- 09.91	111146	28 55				
F 2815 11.6	[DKS1160]	05.77- 12.81	110116	28 35	01.74- 09.91	110209	24	5.4
		05.77- 12.81	111146	28 55				
F 2825 11.6	[DKTD1160]	01.74- 09.91	110116	28 35	01.74- 09.91	110209	24	5.4
		01.74- 09.91	111146	28 55	06.86- 09.91	110998	24	5.2
					01.74- 09.86	110932	24	5.4
	[DKV1160]	05.83- 09.91	110116	28 35	05.83- 09.91	110209	24	5.4
		05.83- 09.91	111146	28 55				
		05.83- 09.91	110116	28 35	05.83- 09.91	110209	24	5.4
		05.83- 09.91	111146	28 55				
F 3300 11.6	[DKX1160]	06.81- 09.86	110116	28 35	06.81- 09.86	110209	24	5.4
		06.81- 09.86	111146	28 55				
	[DKX1160 ATI]	06.81- 09.91	110116	28 35	06.85- 09.91	110209	24	5.4
		06.81- 09.91	111146	28 55				
F 3303 11.6	[DKX1160]	06.81- 09.86	110116	28 35	06.81- 09.86	110209	24	5.4
		06.81- 09.86	111146	28 55				
	[DKX1160 ATI]	06.85- 09.91	110116	28 35	06.85- 09.91	110209	24	5.4
		06.85- 09.91	111146	28 55				
F 3304 11.6	[DKX1160 ATI]	06.85- 09.91	110116	28 35	06.85- 09.91	110209	24	5.4
		06.85- 09.91	111146	28 55				
F 3305 11.6	[DKX1160]	06.81- 09.91	110116	28 35	06.81- 09.91	110209	24	5.4
		06.81- 09.91	111146	28 55				
	[DKX1160 ATI]	06.85- 09.91	110116	28 35	06.85- 09.91	110209	24	5.4
		06.85- 09.91	111146	28 55				
F 3325 11.6	[DKX1160]	06.81- 09.91	110116	28 35	06.81- 09.91	110209	24	5.4
		06.81- 09.91	111146	28 55				
	[DKX1160 ATI]	06.85- 09.91	110116	28 35	06.85- 09.91	110209	24	5.4
		06.85- 09.91	111146	28 55				
F 3600 11.6	[DKZ1160 ATI]	06.81- 09.91	110116	28 35	06.85- 09.91	110209	24	5.4
		06.81- 09.91	111146	28 55				
F 3603 11.6	[DKZ1160 ATI]	06.85- 09.91	110116	28 35	06.85- 09.91	110209	24	5.4
		06.85- 09.91	111146	28 55				
	[DKZE1160]	06.85- 09.91	110116	28 35	06.85- 09.91	110209	24	5.4
		06.85- 09.91	111146	28 55				
F 3604 11.6	[DKZ1160 ATI]	06.85- 09.91	110116	28 35	06.85- 09.91	110209	24	5.4
		06.85- 09.91	111146	28 55				
	[DKZE1160]				06.85- 09.91	110209	24	5.4
					06.85- 09.91	110209	24	5.4
F 3605 11.6	[DKZ1160 ATI]	06.85- 09.91	110116	28 35	06.85- 09.91	110209	24	5.4
		06.85- 09.91	111146	28 55				

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O.E.M. names and numbers are used for reference purposes only.



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	[DKZE1160]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
F 3625 11.6	[DKZ1160 ATI]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
FA 45.210 4.5	[FR152]	01.09-	114036	28 80				
FA 55.210 4.5	[FR152]	01.09-	114036	28 80				
FA 55.300 6.7	[GR220]	01.09-	114036	28 80				
FA 65.300 6.7	[GR220]	01.09-	114036	28 80				
FA 85.360 12.9	[MX265]	10.06-	114314	28 110		10.06- 10.06-	114073 115511	24 5.5 24 5.5 A49
FAC 95.310 11.6	[WS225]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
FAC 95.330 11.6	[WS242]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 01.98	111146	28 55				
		08.90- 01.98	112159	28 80				
FAC 95.350 11.6	[WS259]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
FAC 95.360 11.6	[WS268]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 01.98	111146	28 55				
		08.90- 01.98	112159	28 80				
FAC 95.380 11.6	[WS282]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
FAC 95.400 11.6	[WS295]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 01.98	111146	28 55				
		08.90- 01.98	112159	28 80				
FAC 95.430 11.6	[WS315]	02.92- 01.98	110895	28 55		02.92- 01.98	110981	24 5.4
		02.92- 01.98	111146	28 55				
		02.92- 01.98	112159	28 80				
FAD 95.310 11.6	[WS225]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
FAD 95.330 11.6	[WS242]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 01.98	111146	28 55				
		08.90- 01.98	112159	28 80				
FG 345 2.5 Diesel Leyland						01.72- 01.82	110464	12 2.1
FG 350 2.5 Diesel Leyland						01.72- 01.82	110464	12 2.1
FG 420 2.5 Diesel Leyland						01.72- 01.82	110464	12 2.1
FTG 95.310 11.6	[WS225]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
FTG 95.330 11.6	[WS242]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 01.98	111146	28 55				
		08.90- 01.98	112159	28 80				
FTP 95.430 12.6	[XE315C]	01.97- 09.02	110895	28 55		01.97- 09.02	112581	24 6.2
		01.97- 09.02	112159	28 80				
	[XF315M]	01.97- 09.02	110895	28 55		01.97- 09.02	112581	24 6.2
		01.97- 09.02	112159	28 80				
FTT 95.310 11.6	[WS225]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
LF 45.140 4.5	[FR103S1]					05.06-	113760	24 4.0
LF 45.150 3.9	[BE110C]	01.01-	114036	28 80		01.01-	113760	24 4.0
LF 45.160 4.5	[FR118S1]	05.06-	114036	28 80		05.06-	113760	24 4.0
LF 45.160 Hybrid 4.5	[FR118S1]	05.06-	114036	28 80				
LF 45.170 3.9	[BE123C]	01.01-	114036	28 80		01.01-	113760	24 4.0
LF 45.180 4.5	[FR136S1]	05.06-	114036	28 80		05.06-	113760	24 4.0
LF 45.180 5.9	[CE136C]	01.01-	114036	28 80		01.01-	113760	24 4.0
LF 45.210 4.5	[FR152]	01.09-	114036	28 80				
LF 45.220 5.9	[CE162C]	01.01-	114036	28 80		01.01-	113760	24 4.0
LF 45.220 6.7	[GR165S1]					05.06-	113760	24 4.0
LF 55.160 4.5	[FR118S1]	05.06-	110895	28 55		05.06-	112581	24 6.2
		05.06-	112159	28 80				
LF 55.170 3.9	[BE123C]					01.01-	113760	24 4.0
LF 55.180 4.5	[FR136S1]	05.06-	114036	28 80		05.06-	113760	24 4.0
LF 55.180 5.9	[CE136C]	01.01-	114036	28 80		01.01-	113760	24 4.0
LF 55.210 4.5	[FR152]	01.09-	114036	28 80				
LF 55.220 5.9	[CE162C]	01.01-	114036	28 80		01.01-	113760	24 4.0
LF 55.220 6.7	[GR165S1]	05.06-	114036	28 80		05.06-	113760	24 4.0
LF 55.250 5.9	[CE184C]	01.01-	114036	28 80		01.01-	113760	24 4.0
LF 55.250 6.7	[GR184S1]	05.06-	114036	28 80		05.06-	113760	24 4.0
LF 55.280 6.7	[GR210S1]	05.06-	114036	28 80		05.06-	113760	24 4.0
N 2826 11.6	[DKS1160]	01.81- 09.91	110116	28 35		01.81- 09.91	110209	24 5.4
		01.81- 09.91	111146	28 55				
N 3326 11.6	[DKX1160]	01.81- 09.91	110116	28 35		01.81- 09.91	110209	24 5.4
		01.81- 09.91	111146	28 55				
SB 201 DKDL 11.6	[DKDL1160]					01.74- 07.90	110932	24 5.4
Various models		01.89-	112238	14 65			110209	24 5.4
					1.5L, 1.8L 4cyl.		110817	12 2.1
							110932	24 5.4
							110981	24 5.4
							111637	24 4.0
							112055	24 5.2
							112581	24 6.2
							112670	24 4.0
XF 105.410 12.9	[MX300]	10.05-	114089	28 80		10.05-	113934	24 5.5
		10.05-	114314	28 110		10.05-	114073	24 5.5
		10.05-	115495	28 80 A49		10.05-	115511	24 5.5 A49
XF 105.460 12.9	[MX340]	10.05-	114089	28 80		10.05-	113934	24 5.5
		10.05-	114314	28 110		10.05-	114073	24 5.5
		10.05-	115495	28 80 A49		10.05-	115511	24 5.5 A49
XF 105.510 12.9	[MX375]	10.05-	114089	28 80		10.05-	113934	24 5.5
		10.05-	114314	28 110		10.05-	114073	24 5.5
		10.05-	115495	28 80 A49		10.05-	115511	24 5.5 A49
XF 85.430 12.6	[XE315C]	01.97-	110895	28 55		01.97-	112581	24 6.2
		01.97-	112159	28 80				



XF 95.380 12.6	[XE280C]	12.05-	114089	28 80	01.97-	112581	24 6.2	
		12.05-	114314	28 110	01.97-	113934	24 5.5	
		12.05-	115495	28 80 A49	12.05-	114073	24 5.5	
		01.97-	113284	28 80	12.05-	115511	24 5.5 A49	
		01.97-	115491	28 80 A49				
		01.97-	115617	28 100 A49				
		01.97-	115618	28 100				
		[XF280M]	01.97-	113284	28 80	01.97-	112581	24 6.2
		01.97-	115491	28 80 A49	01.97-	113934	24 5.5	
XF 95.430 12.6	[XE315C]	12.05-	114089	28 80	01.97-	112581	24 6.2	
		12.05-	114314	28 110	01.97- 12.06	113934	24 5.5	
		12.05-	115495	28 80 A49	12.05-	114073	24 5.5	
		01.97- 12.06	113284	28 80	12.05-	115511	24 5.5 A49	
		01.97- 12.06	115491	28 80 A49				
		01.97- 12.06	115617	28 100 A49				
		01.97- 12.06	115618	28 100				
		[XF315M]	01.97-	113284	28 80	01.97-	112581	24 6.2
		01.97-	115491	28 80 A49	01.97-	113934	24 5.5	
XF 95.480 12.6	[XE355C]	01.97-	113284	28 80	01.97-	112581	24 6.2	
		01.97-	115491	28 80 A49	01.97-	113934	24 5.5	
		01.97-	115617	28 100 A49				
		01.97-	115618	28 100				
		[XF355M]	01.97-	113284	28 80	01.97-	112581	24 6.2
XF 95.530 12.6	[XE390C]	09.02- 12.06	113284	28 80	01.97- 12.06	113934	24 5.5	
		09.02- 12.06	115491	28 80 A49	01.97- 09.02	112581	24 6.2	
		09.02- 12.06	115617	28 100 A49				
		09.02- 12.06	115618	28 100				
		01.97- 09.02	110895	28 55				
01.97- 09.02	112159	28 80						
XF 95.530 14.0	[VF390M]			01.97- 09.02	113934	24 5.5		
<b>MARINE</b>								
DD515			113477	28 55				
DD575			110052	28 40				
DF615			113477	28 55				
			110052	28 40				
DT615			113477	28 55				
Various models								
			110173	28 75				
<b>Daihatsu</b>								
<b>PASSENGER CARS EU</b>								
1200 1.2	[3K]				11.74- 02.78	110421	12 0.8	
Applause 1.6 16V	[HD]				06.89- 04.94	111548	12 1.0	
	[HD-E]				06.89- 04.94	111548	12 1.0	
Applause 1.6 16V 4WD	[HD-E]				06.89- 04.94	111548	12 1.0	
Charade 1.0	[CB20]	10.77- 02.83	110258	14 35				
		11.78- 09.83	110138	14 40				
		04.83- 03.87	110374	14 45				
		[CB22]	04.83- 03.87	110374	14 45			
		[CB23]	03.87- 11.90	110374	14 45			
		[CB90]	04.89- 10.90	110374	14 45			
		[CB80T]	03.87- 12.92	110374	14 45			
Charade 1.0 GTi	[CB60]	10.83- 03.87	110374	14 45				
Charade 1.0 Turbo	[CB61]	03.87- 10.90	110374	14 45				
Charade 1.05	[CB22]	02.81- 02.83	110138	14 40				
Charade 1.3	[HC]	09.96-	111610	14 45				
	[HCE]				11.90- 02.93	111548	12 1.0	
Charade 1.3 16V	[1NR-FE]	05.11-	114900	14 100	05.11-	115613	12 1.0	
		05.11-	114904	14 100				
		A25 05.11-	114682	14 100				
		A25 05.11-	114897	14 80 A49				
		[HCE]	01.93-	111610	14 45	01.93- 09.00	111548	12 1.0
Charade 1.3 i	[HCE]	11.90- 12.92	111610	14 45	06.88- 12.92	111548	12 1.0	
Charade 1.3 i 4WD	[HCE]	11.90- 01.93	111610	14 45	06.88- 01.93	111548	12 1.0	
Charade 1.5	[HEE]				06.94- 09.00	111548	12 1.0	
Charade 1.5 i 16V	[HEE]				08.94-	111548	12 1.0	
Charade 1.6 GTi	[HD-E]	04.94- 08.96	111610	14 45	03.93- 04.94	111548	12 1.0	
Charmant 1.3	[4K]	03.78- 07.81	110138	14 40				
Charmant 1.6	[2T]	03.78- 07.81	110138	14 40				
Cuore 0.6	[AD10]	05.76- 09.80	110137	14 30				
Cuore 0.8	[ED10]	09.85- 12.90	111048	14 40				
		09.85- 12.90	113921	14 40				
		09.86- 10.88	111048	14 40				
Cuore 0.8 4WD	[ED10]	09.86- 10.88	113921	14 40				
		09.86- 10.88	113921	14 40				
Cuore 0.85	[ED10K] [ED20]	10.90- 12.94	111951	14 40				
		01.95-	111048	14 40				
		01.95- 11.96	113921	14 40				
Cuore 1.0	[EJ-VE]	03.03-	113306	14 60				
Cuore 1.0 i	[EJDE]	10.98-	113306	14 60				
Feroza 1.6 16V	[HDC]	10.88-	111437	14 45	06.90-	111464	12 1.0	
Feroza 1.6 i 16V	[HD-E]	10.88-	111437	14 45	06.90-	111464	12 1.0	
Grand Move 1.5 16V	[HEEG]	11.96- 03.00	111610	14 45	11.96- 09.97	111548	12 1.0	
Hijet 0.8	[CD]	06.86- 01.92	111048	14 40	06.86-	111088	12 0.8	
		06.86- 01.92	113921	14 40				
Hijet 1.0	[CB]	06.86- 11.92	111048	14 40	06.86- 11.92	111088	12 0.8	
		06.86- 11.92	113921	14 40				
		12.92-	111048	14 40	12.92-	111088	12 0.8	
	[CB41]	12.92- 05.98	113921	14 40				
Hijet 1.0 i	[CB42]				07.94- 05.98	111088	12 0.8	
Hijet 1.3	[HCE]	06.98-	111437	14 45	06.98- 10.99	114851	12 0.8	
Hijet 1.3 4WD	[HCE]	10.01- 06.04	111437	14 45	10.01- 06.04	114851	12 0.8	
Hijet 1.3 i 16V	[HCE]				05.98-	114851	12 0.8	
Move 0.9	[ED20]	10.96-	110258	14 35				

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O.E.M. names and numbers are used for reference purposes only.





Application list

**DAIHATSU** *Continued*

Move 1.0 i	[EJDE]	10.98- 09.00	113306	14	60				
Rocky 2.0	[3Y]	02.87- 04.93	110248	14	40			02.87- 04.93	110397 12 1.0
		02.87- 04.93	111428	14	60				
Rocky 2.8 Diesel	[DL]							12.87- 110473 12 2.5	
								12.87- 111525 12 2.2	
Rocky 2.8 TD	[DL51]							12.87- 04.93 110473 12 2.5	
								12.87- 04.93 111525 12 2.2	
	[DL52]					A13		05.93- 110473 12 2.5	
								05.93- 110397 12 1.0	
								09.91- 110473 12 2.5	
								09.91- 111525 12 2.2	
	[DLT]							09.91- 110473 12 2.5	
								09.91- 111525 12 2.2	
	[DLT-C]							05.93- 12.98 110397 12 1.0	
								05.93- 12.98 110473 12 2.5	
								05.93- 12.98 111525 12 2.2	
Sirion 1.0 i	[EJDE]	04.98-	113306	14	60				
	[EJ-VE]	09.00-	113306	14	60				
Sirion 1.0 i 4WD	[EJDE]	AT 04.98- 05.00	113306	14	60				
	[EJ-VE]	05.00- 12.01	113306	14	60				
Sirion 1.3 Sport	[K3-VE2]	08.00- 01.05	115929	14	70				
Sirion 1.3 Sport 4WD	[K3-VE2]	08.00- 01.05	115929	14	70				
		01.98- 08.04	113306	14	60				
Taft 1.6 4WD	[12R]	09.76- 02.85	110137	14	30			09.76- 02.85 110154 12 0.8	
		09.76- 02.85	110138	14	40				
		09.76- 02.85	110258	14	35				
Taft 2.5 Diesel 4WD	[DG]							08.78- 08.82 110473 12 2.5	
Taft 2.8 Diesel 4WD	[DL]							08.82- 02.85 110473 12 2.5	
Terios 1.3	[K3-VE]	09.01- 10.05	115929	14	70			09.01- 112369 12 0.8	
Terios 1.3 4WD	[HCE]	10.97- 10.00	114708	14	50			10.97- 10.00 112369 12 0.8	
	[HC-EJ]	10.97- 10.00	114708	14	50			10.97- 112369 12 0.8	
	[K3-VE]	10.00- 10.05	114708	14	50			10.00- 112369 12 0.8	
		10.00- 10.05	115929	14	70				
Wildcat 2.8 Diesel	[DL]							02.85- 03.87 110473 12 2.5	
Wildcat 2.8 TD	[DL50]							09.85- 04.87 110473 12 2.5	
YRV 1.3	[K3-VE]	02.01-	115929	14	70				
YRV 1.3 4WD	[K3-VE]	02.01-	115929	14	70				
YRV 1.3 Turbo	[K3-VET]	07.02-	115929	14	70				
<b>PASSENGER CARS AO</b>									
Hijet 1.0 4WD	[CB10]							07.86- 10.90 111088 12 0.8	
Rocky 2.2 4WD	[4Y]	03.93- 04.93	110248	14	40			05.93- 110397 12 1.0	
Terios 1.3 DVVT	[K3-VE]	10.02- 10.05	115929	14	70				
<b>AGRICULTURE</b>									
Various Agriculture Vehicles	[Caterpillar]		114683	28	80				
<b>INDUSTRY</b>									
Various Industrial applications	[Caterpillar]		114683	28	80				
<b>Dennis</b>									
<b>TRUCKS EU</b>									
240 7.1	[D7E240]							05.03- 114323 24 5.0	
								05.03- 115889 24 5.0	A49
240 MS 7.1	[D7E240]							10.07- 114323 24 5.0	
								10.07- 115889 24 5.0	A49
240 RS 7.1	[D7E240]							10.07- 114323 24 5.0	
								10.07- 115889 24 5.0	A49
<b>Detroit</b>									
<b>MOTORS</b>									
Various models								112652	24 4.5
<b>Deutz-Fahr</b>									
<b>AGRICULTURE</b>									
60	[1000.3A]		112389	14	85				
75	[1000.4A]		112389	14	85				
85	[1000.4AT]		112389	14	85				
110	[1000.6A]		112389	14	85				
			115689	14	80				
130	[1000.6A]		112389	14	85				
			115689	14	80				
2003 3.8	[F4L 912]	02.79- 05.80	110641	14	33				
2004 3.8	[F4L912]	05.78- 12.88	110641	14	33				
100.4	[1000.4AT1]		112389	14	85				
100.6	[1000.4A]		112389	14	85				
106 MK2 4.8	[BF6M1012E]	01.97- 12.01	116018*	28	55				
106 MK3 4.8	[BF6M1012E]	01.01- 12.03	116018*	28	55				
110 MK2 4.8	[BF6M1012E]	01.97- 12.01	116018*	28	55				
110 MK3 4.8	[BF6M1012E]	01.01- 12.03	116018*	28	55				
110DT	[1000.6A]		115689	14	80				
			115850*	14	70				
115 MK2 4.8	[BF6M1012E]	01.97- 12.01	116018*	28	55				
115 MK3 4.8	[BF6M1012E]	01.01- 12.03	116018*	28	55				
165 MK3 7.1	[BF6M1013E]	01.01- 12.03	116018*	28	55				
175 MK2 7.1	[BF6M1013E]	01.97- 12.01	116018*	28	55				
175 MK3 7.1	[BF6M1013E]	01.01- 12.04	116018*	28	55				
200 MK2 7.1	[BF6M1013EC]	01.97- 12.01	116018*	28	55				
200 MK3 7.1	[BF6M1013EC]	01.01- 12.03	116018*	28	55				
205 MK3 7.1	[BF6M1013FC]	01.02- 12.03	116018*	28	55				
210 MK4 7.1	[BF6M1013EC]	01.03- 12.04	116018*	28	55				
215 MK4 7.1	[BF6M1013FC]	01.04-	116018*	28	55				
230 MK2 7.1	[BF6M1013FC]	01.98- 12.01	116018*	28	55				
230 MK3 7.1	[BF6M1013EC]	01.01- 12.03	116018*	28	55				
235 MK4 7.1	[BF6M1013EC]	01.03- 12.04	116018*	28	55				
260 MK2 7.1	[BF6M1013FC]	01.98- 12.01	116018*	28	55				
260 MK3 7.1	[BF6M1013EC]	01.01- 12.03	116018*	28	55				
265 MK4 7.1	[BF6M1013FC]	01.03- 12.06	116018*	28	55				
4.70 MK1 3.2	[BF4M1012E]	01.95- 12.97	116018*	28	55				
4.80 MK1 3.2	[BF4M1012E]	01.95- 12.97	116018*	28	55				
4.85 MK1 3.2	[BF4M1012EC]	01.95- 12.97	116018*	28	55				
4.90 MK1 3.2	[BF4M1012EC]	01.95- 12.97	116018*	28	55				

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4.95 MK1 3.2	[BF4M1012EC]	01.95- 12.97	116018*	28	55							
6.00 MK1 4.8	[BF6M1012E]	01.95- 12.97	116018*	28	55							
6.05 MK1 4.8	[BF6M1012E]	01.95- 12.97	116018*	28	55							
60DT/2RM	[1000.3A]		112389	14	85							
70DT/2RM	[1000.4A]		112389	14	85							
80 MK2 3.2	[BF4M1012E]	01.97- 12.01	116018*	28	55							
80 MK3 3.2	[BF4M1012E]	01.01- 12.03	116018*	28	55							
80DT	[1000.4A]		112389	14	85							
85 MK2 3.2	[BF4M1012EC]	01.97- 12.01	116018*	28	55							
85 MK3 3.2	[BF4M1012EC]	01.01- 12.03	116018*	28	55							
90 MK2 3.2	[BF4M1012EC]	01.97- 12.01	116018*	28	55							
90 MK3 3.2	[BF4M1012EC]	01.01- 12.03	116018*	28	55							
90DT	[1000.4AT]		112389	14	85							
Agri 605						01.97-	116093*	12	4.0			
						01.97-	112071	12	3.0			
D 2807 1.9 Diesel	[F2L912]	06.86- 08.88	110641	14	33	06.86-	114181	12	1.9			
		09.88-	110360	14	45							
		09.88-	110881	14	55							
D 3607 1.9 Diesel	[F2L912]	06.86- 08.88	110641	14	33	06.86-	114191					
		09.88-	110360	14	45							
		09.88-	110881	14	55							
D 6807 3.8 Diesel	[F4L912]	06.86- 08.88	110641	14	33							
		09.88-	110360	14	45	06.86-	116086	12	2.7	A49		
						06.86-	110536	12	2.7			
						01.92-	112555	12	3.1			
D 7007 3.8 Diesel	[F4L912]	06.86- 08.88	110641	14	33	06.86-	110536	12	2.7			
		09.88-	110360	14	45	01.92-	112555	12	3.1			
						06.86-	116086	12	2.7	A49		
DE6 - Various models		06.86-	110360	14	45							
DX 3.10 2.8 Diesel	[F3L912]					06.86-	110536	12	2.7			
						01.92- 06.01	112555	12	3.1			
						06.86-	116086	12	2.7	A49		
DX 3.30 2.8 Diesel	[F3L912]					06.86-	110536	12	2.7			
						01.92- 06.01	112555	12	3.1			
						06.86-	116086	12	2.7	A49		
DX 3.50 3.1 Diesel	[F3L913]					06.86-	110536	12	2.7			
						01.92- 06.01	112555	12	3.1			
						06.86-	116086	12	2.7	A49		
DX 3.60 3.8 Diesel	[F4L912]					06.86-	110536	12	2.7			
						01.92- 06.01	112555	12	3.1			
						06.86-	116086	12	2.7	A49		
DX 3.70 3.8 Diesel	[F4L912]					06.86-	110536	12	2.7			
						01.92- 06.01	112555	12	3.1			
						06.86-	116086	12	2.7	A49		
DX 3.80 4.1 Diesel	[F4L913]	06.86-	110360	14	45	06.86-	110536	12	2.7			
						01.92- 06.01	112555	12	3.1			
						06.86-	116086	12	2.7	A49		
DX 3.90 4.1 Diesel	[F4L913]					06.86-	110536	12	2.7			
						01.92- 06.01	112555	12	3.1			
						06.86-	116086	12	2.7	A49		
DX 4.10 3.8 Diesel	[F4L912]	06.86-	110360	14	45	06.86-	110536	12	2.7			
						01.92- 06.01	112555	12	3.1			
						06.86-	116086	12	2.7	A49		
DX 4.30 4.1 Diesel	[F4L913]					06.86-	110536	12	2.7			
						01.92- 06.01	112555	12	3.1			
						06.86-	116086	12	2.7	A49		
DX 4.31 4.1 Diesel	[F4L913]	01.91-	110360	14	45	01.91-	110536	12	2.7			
						01.92-	112555	12	3.1			
						01.91-	116086	12	2.7	A49		
DX 4.50 4.1 Diesel	[BF4L913]					06.86-	110536	12	2.7			
						01.92- 06.01	112555	12	3.1			
						06.86-	116086	12	2.7	A49		
DX 4.51 4.1 Diesel	[BF4L913]	01.90-	110360	14	45	01.92-	112555	12	3.1			
						01.90- 06.94	113467	12	3.7			
DX 4.70 4.1 Diesel	[BF4L913]					06.86-	110536	12	2.7			
						01.92-	112555	12	3.1			
						06.86-	116086	12	2.7	A49		
DX 6.05 5.7 Diesel	[F6L912]	06.86-	110360	14	45	06.86-	110536	12	2.7			
						01.92- 06.01	112555	12	3.1			
						06.86-	116086	12	2.7	A49		
DX 6.30 6.1 Diesel	[F6L913]					06.86-	110536	12	2.7			
						01.92- 06.01	112555	12	3.1			
						06.86-	116086	12	2.7	A49		
DX 6.31 6.0 Diesel	[BF6L913]	01.90- 01.05	112046	14	95	01.90-	110536	12	2.7			
						01.92- 01.05	112555	12	3.1			
						01.90- 06.94	113467	12	3.7			
						01.90-	116086	12	2.7	A49		
DX 6.50 6.1 Diesel	[BF6L913]	06.86- 06.01	112046	14	95	06.86-	113467	12	3.7			
						06.86-	110536	12	2.7			
						01.92- 06.01	112555	12	3.1			
						06.86-	116086	12	2.7	A49		
DX 6.60 6.0 Diesel	[BF6L913]	10.88-	110360	14	45	10.88-	110536	12	2.7			
						01.92- 10.03	112555	12	3.1			
						10.88-	116086	12	2.7	A49		
DX 7.10 6.1 Diesel	[BF6L913]	06.86- 06.01	112046	14	95	06.86-	110536	12	2.7			
						01.92- 06.01	112555	12	3.1			
						06.86- 06.94	113467	12	3.7			
						06.86-	116086	12	2.7	A49		
DX3 - Various models		06.86-	110360	14	45							
		07.76- 10.85	110641	14	33							
DX4 - Various models		06.86-	110360	14	45							
DX7 - Various models		06.86-	112736	14	65							
		09.88-	110360	14	45							
F100DT	[1000.4WT]		115689	14	80							
F70DT	[1000.3WT]		115689	14	80							
F75DT	[1000.4W]		115689	14	80							

## STARTERS & ALTERNATORS

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**DEUTZ-FAHR** *Continued*

F90DT	[1000.4WT]		115689	14 80				
Intrac 6.30 6.0 TD	[BF6L913]	01.88-	112046	14 95	01.89-	110536	12 2.7	
		01.88- 12.88	112736	14 65	01.92- 01.04	112555	12 3.1	
					01.89-	116086	12 2.7	A49
Intrac 6.60 6.0 TD	[BF6L913]	01.88- 01.93	112046	14 95	01.88- 01.03	113467	12 3.7	
		01.88-	112736	14 65				
M 1080 4.7 Diesel	[F5L912]	01.81- 08.88	110641	14 33	01.81-	116086	12 2.7	A49
		09.88-	110360	14 45	01.81-	110536	12 2.7	
					01.92- 01.96	112555	12 3.1	
M 1202 5.7 Diesel	[F6L912]	01.80- 08.88	110641	14 33	01.80-	116086	12 2.7	A49
		09.88-	110360	14 45	01.80-	110536	12 2.7	
					01.92- 01.95	112555	12 3.1	
M 2385 5.7 Diesel	[F6L912]	01.82- 01.97	112046	14 95	01.82-	116086	12 2.7	A49
		01.82- 07.93	112736	14 65	01.82-	110536	12 2.7	
					01.92- 01.97	112555	12 3.1	
M 3330 2.8	[F3L912]				01.92- 03.02	112555	12 3.1	
M 3360 3.8	[F4L912]				03.87- 03.02	110536	12 2.7	
					01.92- 03.02	112555	12 3.1	
					03.87- 03.02	116086	12 2.7	A49
M 980 3.8 Diesel	[F4L912]	01.81- 08.88	110641	14 33	01.81-	110536	12 2.7	
					01.92- 01.96	112555	12 3.1	
					01.81-	116086	12 2.7	A49
Silver			115850*	14 70				
Various models			114110	28 80				
			115971	14 55				
			115849	28 55				
			115309	28 35		116086	12 2.7	A49
			114470	14 120		115355	24 5.4	
			114192	14 200		116093*	12 4.0	
		04.72- 12.75	110761#	28 35		115472	12 2.7	
		12.79-	112747	28 55	05.78- 10.85	110536	12 2.7	
		01.73- 12.75	110766	28 27		113467	12 3.7	
		09.88- 12.01	110881	14 55		114220	24 4.0	
		07.80- 10.84	110077	14 50	01.92-	112555	12 3.1	
		02.79- 10.84	110641	14 33				
			114365	28 140				
<b>Dodge</b>								
<b>PASSENGER CARS EU</b>								
Avenger 2.0	[ECN]	06.07-	115925	14 115				
Avenger 2.0 CRD	[ECD]				06.07-	114217	12 2.0	
Avenger 2.4	[ED3]	06.07-	115925	14 115				
	[EDG]	06.07-	115925	14 115				
Caliber 1.8	[EBA]	06.06-	115925	14 115				
Caliber 2.0	[ECN]	06.06-	115925	14 115				
Caliber 2.0 CRD	[ECD]				06.06-	114217	12 2.0	
	[ECE]				06.06-	114217	12 2.0	
Caliber 2.4	[ED3]	10.06-	115925	14 115				
	[ED4]	12.07-	115925	14 115				
Caravan 2.4	[EDZ]	02.00-	115936	14 150				
Caravan 2.4 i	[EDZ]	01.95- 03.01	113067	14 90				
Caravan 2.5 TD	[ENC]				01.95- 03.01	112454	12 2.2	
Caravan 3.0	[EFA]	01.95-	113235	14 130				
Caravan 3.3	[EGA]	02.00- 01.06	113803	14 160	02.00-	115783	12 1.4	
Caravan 3.3 4WD	[EGA]	02.00- 01.06	113803	14 160	02.00-	115783	12 1.4	
Caravan 3.3 i	[EGP]	01.95- 12.98	113235	14 130	01.95- 03.01	111492	12 1.4	
					01.95- 03.01	114135	12 1.2	
Caravan 3.8	[EGH]	01.01- 01.06	113803	14 160	02.00-	115783	12 1.4	
Caravan 3.8 4WD	[EGH]	01.01- 01.06	113803	14 160	02.00-	115783	12 1.4	
Caravan 3.8 i	[EGH]	01.95- 12.98	113235	14 130	01.95- 03.01	111492	12 1.4	
					01.95- 03.01	114135	12 1.2	
Caravan 3.8 i 4WD	[EGH]	01.95- 12.98	113235	14 130	01.95- 03.01	114135	12 1.2	
					01.95- 03.01	111492	12 1.4	
Caravan II 2.0 i		01.95- 03.01	113067	14 90				
Caravan IV 2.8 CRD	[ENS]				01.09-	113977	12 2.2	
Journey 2.0 CRD	[ECE]				06.08-	114217	12 2.0	
Journey 2.4	[ED3]	01.09-	116037*	14 160				
	[EDG]	01.12-	116037*	14 160				
Journey 2.4 ECO+	[EDG]	03.09-	116037*	14 160				
Neon 2.0 16V	[ECB]	05.94- 08.99	111530#	14 90				
		08.99-	116020	14 100				
	[ECC]	06.94- 08.99	111530#	14 90				
	[ECH]	08.99-	116020	14 100				
RAM 2500 5.9					01.07-	115566	12 3.0	
RAM 3500 5.9					01.07-	115566	12 3.0	
Stratus 2.0 16V	[ECB]	12.95-	113067	14 90				
Stratus 2.4 16V	[EDZ]	12.95-	113067	14 90				
		12.95- 04.01	114511	14 120				
Stratus 2.5 V6	[EEB]				01.95- 12.99	112846	12 1.4	
<b>PASSENGER CARS US</b>								
330 4.5		01.64- 01.64	110074	14 60	01.64- 01.64	110223	12 1.1	
330 5.2		01.63- 01.64	110074	14 60	01.63- 01.64	110223	12 1.1	
330 5.9		01.64- 01.64	110074	14 60	01.64- 01.64	110223	12 1.1	
330 6.3		01.64- 01.64	110074	14 60	01.64- 01.64	110222	12 1.3	
330 6.8		01.63- 01.63	110074	14 60				
330 7.0		01.63- 01.64	110074	14 60				
400 2.2		01.82-	110514	14 78				
400 2.2 LS		01.82-	110514	14 78				
440 4.5		01.64- 01.64	110074	14 60	01.64- 01.64	110223	12 1.1	
440 5.2		01.63- 01.64	110074	14 60	01.63- 01.64	110223	12 1.1	
440 5.9		01.64- 01.64	110074	14 60	01.64- 01.64	110223	12 1.1	
440 6.3		01.64- 01.64	110074	14 60	01.64- 01.64	110222	12 1.3	
440 6.8		01.63- 01.63	110074	14 60				
440 7.0		01.63- 01.64	110074	14 60				
600 2.2		01.83- 01.84	110514	14 78				
600 2.2 ES		01.83-	110514	14 78				
880 4.5		01.64- 01.64	110074	14 60	01.64- 01.64	110223	12 1.1	

## STARTERS & ALTERNATORS





880 5.2		01.63- 01.64	110074	14	60		01.63- 01.64	110223	12	1.1
880 5.9		01.63- 01.64	110074	14	60		01.63- 01.64	110223	12	1.1
880 6.3		01.63- 01.64	110074	14	60					
880 6.8		01.63- 01.63	110074	14	60					
880 7.0		01.63- 01.64	110074	14	60					
2000 2.0 GTX		01.89-	110802	14	75					
		01.89-	110804	14	90					
A100 2.8		01.64- 01.69	110074	14	60		01.64- 01.69	110223	12	1.1
A100 2.8 Sportsman		01.68- 01.69	110074	14	60		01.68- 01.69	110223	12	1.1
A100 3.2		01.70-	110236	14	60		01.70-	110223	12	1.1
A100 3.2 Sportsman		01.70-	110236	14	60		01.70-	110223	12	1.1
A100 3.7		01.64- 01.69	110074	14	60		01.64- 01.69	110223	12	1.1
		01.70-	110236	14	60					
A100 3.7 Sportsman		01.70-	110236	14	60		01.68- 01.69	110223	12	1.1
		01.68- 01.69	110074	14	60					
A100 4.5		01.64- 01.67	110074	14	60		01.64- 01.67	110223	12	1.1
A100 5.2		01.67- 01.69	110074	14	60		01.67- 01.69	110223	12	1.1
		01.70-	110236	14	60					
A100 5.2 Sportsman		01.70-	110236	14	60		01.68- 01.69	110223	12	1.1
		01.68- 01.69	110074	14	60					
A108 2.8		01.67- 01.69	110074	14	60		01.67- 01.69	110223	12	1.1
A108 3.2		01.70- 01.70	110236	14	60		01.70- 01.70	110223	12	1.1
A108 3.7		01.70- 01.70	110236	14	60		01.67- 01.70	110223	12	1.1
		01.67- 01.69	110074	14	60					
Aries 2.2		01.81- 01.85	110514	14	78					
Aries 2.2 Custom		01.81- 01.84	110514	14	78					
Aries 2.2 SE		01.81- 01.85	110514	14	78					
Aspen 3.7		01.76- 01.80	110236	14	60		01.76- 01.80	110223	12	1.1
Aspen 3.7 Custom		01.76- 01.77	110236	14	60		01.76- 01.77	110223	12	1.1
Aspen 3.7 Special Edition		01.76- 01.77	110236	14	60		01.76- 01.77	110223	12	1.1
Aspen 5.2		01.76- 01.80	110236	14	60		01.76- 01.80	110223	12	1.1
Aspen 5.2 Custom		01.76- 01.77	110236	14	60		01.76- 01.77	110223	12	1.1
Aspen 5.2 Special Edition		01.76- 01.77	110236	14	60		01.76- 01.77	110223	12	1.1
Aspen 5.9		01.76- 01.80	110236	14	60		01.76- 01.80	110222	12	1.3
Aspen 5.9 Custom		01.76- 01.77	110236	14	60		01.76- 01.77	110222	12	1.3
Aspen 5.9 Special Edition		01.76- 01.77	110236	14	60		01.76- 01.77	110222	12	1.3
Avenger 2.0	[ECF]	01.95- 01.98	111530#	14	90					
		01.99- 01.99	111530#	14	90					
Avenger 2.0 ES	[ECF]	01.96- 01.98	111530#	14	90					
B100 3.2		01.71-	110236	14	60		01.71-	110223	12	1.1
B100 3.7		01.71- 01.80	110236	14	60		01.71- 01.80	110223	12	1.1
B100 3.7 Sportsman		01.71- 01.80	110236	14	60		01.71- 01.80	110223	12	1.1
B100 5.2		01.71- 01.80	110236	14	60		01.71- 01.80	110223	12	1.1
B100 5.2 Sportsman		01.71- 01.80	110236	14	60		01.71- 01.80	110223	12	1.1
B100 5.9		01.71- 01.78	110236	14	60		01.99- 01.03	113120	12	1.4
							01.71- 01.78	110222	12	1.3
B100 5.9 Sportsman		01.72- 01.78	110236	14	60		01.99- 01.03	113120	12	1.4
							01.72- 01.78	110222	12	1.3
B100 7.2		01.74-	110236	14	60		01.74-	110222	12	1.3
B150 3.7		01.81- 01.87	110236	14	60		01.81- 01.87	110223	12	1.1
B150 3.7 Sportsman		01.81- 01.87	110236	14	60		01.81- 01.87	110223	12	1.1
B150 3.9		01.88- 01.94	111193	14	90					
B150 3.9 Sportsman		01.88- 01.94	111193	14	90					
B150 5.2		01.88- 01.94	111193	14	90		01.81- 01.87	110223	12	1.1
		01.81- 01.87	110236	14	60					
B150 5.2 Sportsman		01.88- 01.94	111193	14	90		01.81- 01.87	110223	12	1.1
		01.81- 01.87	110236	14	60					
B1500 3.9		01.98- 01.98	113071	14	136		01.96- 01.98	113116	12	1.4
							01.95- 01.97	111764	12	1.4
B1500 3.9 Sportsman							01.96- 01.97	113116	12	1.4
							01.95- 01.97	111764	12	1.4
B1500 5.2		01.98- 01.98	113071	14	136		01.96- 01.98	113116	12	1.4
							01.95- 01.97	111764	12	1.4
B1500 5.2 Sportsman							01.96- 01.97	113116	12	1.4
							01.95- 01.97	111764	12	1.4
B1500 5.9		01.98- 01.98	113071	14	136					
B200 3.2		01.71-	110236	14	60		01.71-	110223	12	1.1
B200 3.7		01.71- 01.79	110236	14	60		01.71- 01.79	110223	12	1.1
B200 3.7 Maxi		01.72- 01.78	110236	14	60		01.72- 01.78	110223	12	1.1
B200 3.7 Sportsman		01.71- 01.78	110236	14	60		01.71- 01.78	110223	12	1.1
B200 5.2		01.71- 01.80	110236	14	60		01.71- 01.80	110223	12	1.1
B200 5.2 Maxi		01.72- 01.80	110236	14	60		01.99- 01.03	113120	12	1.4
							01.72- 01.80	110223	12	1.1
B200 5.2 Sportsman		01.71- 01.80	110236	14	60		01.71- 01.80	110223	12	1.1
B200 5.9		01.71- 01.80	110236	14	60		01.99- 01.03	113120	12	1.4
							01.71- 01.80	110222	12	1.3
B200 5.9 Maxi		01.72- 01.80	110236	14	60		01.72- 01.80	110222	12	1.3
B200 5.9 Sportsman		01.72- 01.80	110236	14	60		01.72- 01.80	110222	12	1.3
B200 6.6		01.71- 01.78	110236	14	60		01.71- 01.78	110222	12	1.3
B200 6.6 Maxi		01.76- 01.78	110236	14	60		01.76- 01.78	110222	12	1.3
B200 6.6 Sportsman		01.76- 01.78	110236	14	60		01.76- 01.78	110222	12	1.3
B200 7.2		01.75- 01.78	110236	14	60		01.75- 01.78	110222	12	1.3
B200 7.2 Maxi		01.74- 01.78	110236	14	60		01.74- 01.78	110222	12	1.3
B200 7.2 Sportsman		01.76- 01.78	110236	14	60		01.76- 01.78	110222	12	1.3
B250 3.7		01.81- 01.87	110236	14	60		01.81- 01.87	110223	12	1.1
B250 3.7 Sportsman		01.81- 01.87	110236	14	60		01.81- 01.87	110223	12	1.1
B250 3.9		01.88- 01.94	111193	14	90					
B250 3.9 Sportsman		01.88- 01.94	111193	14	90					
B250 5.2		01.88- 01.94	111193	14	90		01.99- 01.03	113120	12	1.4
		01.81- 01.87	110236	14	60		01.81- 01.87	110223	12	1.1
B250 5.2 Sportsman		01.88- 01.94	111193	14	90		01.99- 01.03	113120	12	1.4
		01.81- 01.87	110236	14	60		01.81- 01.87	110223	12	1.1
B250 5.2							01.92- 01.94	111764	12	1.4
B250 5.2 Sportsman							01.92- 01.94	111764	12	1.4
B250 5.9		01.81- 01.87	110236	14	60		01.99- 01.03	113120	12	1.4
		01.88- 01.94	111193	14	90		01.81- 01.87	110222	12	1.3

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

**DODGE** *Continued*

B250 5.9 Sportsman		01.88- 01.94	111193	14	90	01.99- 01.03	113120	12	1.4
		01.81- 01.87	110236	14	60	01.81- 01.87	110222	12	1.3
B2500 3.9		01.98- 01.98	113071	14	136	01.96- 01.98	113116	12	1.4
						01.95- 01.97	111764	12	1.4
B2500 3.9 Sportsman						01.96- 01.97	113116	12	1.4
						01.95- 01.97	111764	12	1.4
B2500 5.2		01.98- 01.98	113071	14	136	01.96- 01.98	113116	12	1.4
						01.95- 01.97	111764	12	1.4
B2500 5.2 Sportsman						01.96- 01.97	113116	12	1.4
						01.95- 01.97	111764	12	1.4
B2500 5.2						01.96- 01.96	113116	12	1.4
						01.95- 01.96	111764	12	1.4
B2500 5.2 Sportsman						01.96- 01.97	113116	12	1.4
						01.95- 01.97	111764	12	1.4
B2500 5.9		01.98- 01.98	113071	14	136	01.96- 01.98	113116	12	1.4
						01.95- 01.97	111764	12	1.4
B2500 5.9 Sportsman						01.96- 01.97	113116	12	1.4
						01.95- 01.97	111764	12	1.4
B300 3.7		01.71- 01.80	110236	14	60	01.71- 01.80	110223	12	1.1
B300 3.7 Maxi		01.72- 01.79	110236	14	60	01.72- 01.79	110223	12	1.1
B300 3.7 Sportsman		01.71- 01.73	110236	14	60	01.71- 01.73	110223	12	1.1
B300 5.2		01.71- 01.80	110236	14	60	01.71- 01.80	110223	12	1.1
B300 5.2 Maxi		01.72- 01.80	110236	14	60	01.72- 01.80	110223	12	1.1
B300 5.2 Sportsman		01.71- 01.80	110236	14	60	01.99- 01.03	113120	12	1.4
						01.71- 01.80	110223	12	1.1
B300 5.9		01.71- 01.80	110236	14	60	01.71- 01.80	110222	12	1.3
B300 5.9 Maxi		01.72- 01.80	110236	14	60	01.72- 01.80	110222	12	1.3
B300 5.9 Sportsman		01.72- 01.80	110236	14	60	01.72- 01.80	110222	12	1.3
B300 6.6		01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
B300 6.6 Maxi		01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
B300 6.6 Sportsman		01.77- 01.78	110236	14	60	01.77- 01.78	110222	12	1.3
B300 7.2		01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
B300 7.2 Maxi		01.75- 01.78	110236	14	60	01.75- 01.78	110222	12	1.3
B300 7.2 Sportsman		01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
B350 5.2		01.88- 01.94	111193	14	90	01.99- 01.03	113120	12	1.4
		01.81- 01.87	110236	14	60	01.81- 01.87	110223	12	1.1
B350 5.2 Sportsman		01.88- 01.94	111193	14	90	01.99- 01.03	113120	12	1.4
		01.81- 01.87	110236	14	60	01.81- 01.87	110223	12	1.1
B350 5.2						01.92- 01.94	111764	12	1.4
B350 5.2 Sportsman						01.92- 01.94	111764	12	1.4
B350 5.9		01.81- 01.87	110236	14	60	01.99- 01.03	113120	12	1.4
		01.88- 01.94	111193	14	90	01.96- 01.98	113116	12	1.4
						01.81- 01.87	110222	12	1.3
B350 5.9 Sportsman		01.88-	111193	14	90	01.96- 01.98	113116	12	1.4
		01.81- 01.87	110236	14	60	01.99- 01.03	113120	12	1.4
						01.81- 01.87	110222	12	1.3
B3500 5.2		01.98- 01.98	113071	14	136	01.96- 01.98	113116	12	1.4
						01.95- 01.97	111764	12	1.4
B3500 5.2 Sportsman						01.96- 01.97	113116	12	1.4
						01.95- 01.97	111764	12	1.4
B3500 5.2						01.96- 01.96	113116	12	1.4
						01.95- 01.96	111764	12	1.4
B3500 5.2 Sportsman						01.96- 01.97	113116	12	1.4
						01.95- 01.97	111764	12	1.4
B3500 5.9		01.98- 01.98	113071	14	136	01.96- 01.98	113116	12	1.4
						01.95- 01.97	111764	12	1.4
B3500 5.9 Sportsman						01.96- 01.97	113116	12	1.4
						01.95- 01.97	111764	12	1.4
Caliber 2.4	[ED3]	10.06-	115925	14	115				
Caravan 2.5		01.92- 01.95	111193	14	90				
Caravan 2.5 C/V		01.92- 01.95	111193	14	90				
		01.89- 01.91	113051#	14	120				
Caravan 2.5 SE		01.92- 01.93	111193	14	90				
Caravan 2.5 Turbo		01.89- 01.90	113051#	14	120				
Caravan 2.5 Turbo C/V		01.89- 01.90	113051#	14	120				
Caravan 2.5 Turbo LE		01.89- 01.90	113051#	14	120				
Caravan 2.5 Turbo SE		01.89- 01.90	113051#	14	120				
Caravan 3.0		01.90-	111193	14	90				
Caravan 3.3		01.01- 01.06	113803	14	160	01.97- 01.00	114135	12	1.2
						01.90- 01.00	111492	12	1.4
Caravan 3.3 C/V						01.91- 01.92	111492	12	1.4
Caravan 3.3 ES						01.93- 01.97	111492	12	1.4
Caravan 3.3 LE						01.91- 01.97	111492	12	1.4
Caravan 3.3 SE						01.91- 01.97	111492	12	1.4
Caravan 3.3						01.94- 01.95	111492	12	1.4
Caravan 3.3 C/V						01.94- 01.95	111492	12	1.4
Caravan 3.3 SE						01.94- 01.95	111492	12	1.4
Caravan 3.3	[EGM]	01.01- 01.06	113803	14	160	01.99- 01.00	114135	12	1.2
						01.99- 01.00	111492	12	1.4
		01.01- 01.06	113803	14	160	01.98- 01.98	111492	12	1.4
Caravan 3.3 SE	[EGM]	01.01- 01.06	113803	14	160				
		01.01- 01.06	113803	14	160				
Caravan 3.3 Sport		01.01- 01.06	113803	14	160				
Caravan 3.8						01.98- 01.99	114135	12	1.2
						01.98- 01.99	111492	12	1.4
Caravan 3.8 ES						01.96- 01.97	111492	12	1.4
Caravan 3.8 LE						01.96- 01.97	111492	12	1.4
CB300 3.7		01.74- 01.79	110236	14	60	01.74- 01.79	110223	12	1.1
						01.74- 01.79	110222	12	1.3
CB300 5.2		01.74- 01.80	110236	14	60	01.74- 01.80	110222	12	1.3
						01.74- 01.80	110223	12	1.1
CB300 5.9		01.74- 01.80	110236	14	60	01.74- 01.80	110222	12	1.3
CB300 6.6		01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
CB300 7.2		01.77- 01.79	110236	14	60	01.77- 01.79	110222	12	1.3
Challenger 1.6						01.78- 01.79	110158	12	1.2
						01.78- 01.79	110157	12	1.0

## STARTERS & ALTERNATORS



Challenger 2.6	01.81- 01.83	110805	14	45	01.78- 01.83	110158	12	1.2
Challenger 3.2	01.70- 01.71	110236	14	60	01.70- 01.71	110223	12	1.1
Challenger 3.7	01.70- 01.72	110236	14	60	01.70- 01.72	110223	12	1.1
Challenger 5.2	01.70- 01.74	110236	14	60	01.70- 01.74	110223	12	1.1
Challenger 5.2 Rallye	01.72- 01.72	110236	14	60	01.72- 01.72	110223	12	1.1
Challenger 5.6	01.70- 01.73	110236	14	60	01.70- 01.73	110223	12	1.1
Challenger 5.6 R/T	01.71- 01.71	110236	14	60	01.71- 01.71	110223	12	1.1
Challenger 5.6 Rallye	01.72- 01.72	110236	14	60	01.72- 01.72	110223	12	1.1
Challenger 5.6 T/A	01.70- 01.70	110236	14	60	01.70- 01.70	110223	12	1.1
Challenger 5.9	01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
Challenger 6.3	01.70- 01.71	110236	14	60	01.70- 01.71	110223	12	1.1
Challenger 6.3 R/T	01.70- 01.71	110236	14	60	01.70- 01.71	110223	12	1.1
Challenger 7.0	01.70- 01.70	110236	14	60	01.70- 01.70	110222	12	1.3
Challenger 7.0 R/T	01.70- 01.71	110236	14	60	01.70- 01.71	110222	12	1.3
Challenger 7.2 R/T	01.70- 01.71	110236	14	60	01.70- 01.71	110222	12	1.3
Charger 2.2 Shelby	01.83- 01.84	110514	14	78				
Charger 3.7	01.70- 01.76	110236	14	60	01.68- 01.76	110223	12	1.1
	01.68- 01.69	110074	14	60				
Charger 3.7 500	01.70- 01.70	110236	14	60	01.70- 01.70	110223	12	1.1
Charger 3.7 Sport	01.76- 01.76	110236	14	60	01.76- 01.76	110223	12	1.1
Charger 4.5	01.66- 01.66	110074	14	60	01.66- 01.66	110223	12	1.1
Charger 5.2	01.70- 01.76	110236	14	60	01.67- 01.76	110223	12	1.1
	01.67- 01.69	110074	14	60				
Charger 5.2 500	01.70- 01.71	110236	14	60	01.70- 01.71	110223	12	1.1
Charger 5.2 R/T	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Charger 5.2 Special Edition	01.71- 01.78	110236	14	60	01.71- 01.78	110223	12	1.1
Charger 5.2 Sport	01.76- 01.76	110236	14	60	01.76- 01.76	110223	12	1.1
Charger 5.6	01.72- 01.73	110236	14	60	01.72- 01.73	110223	12	1.1
Charger 5.6 Special Edition	01.72- 01.73	110236	14	60	01.72- 01.73	110223	12	1.1
Charger 5.6 Super Bee	01.71- 01.71	110236	14	60	01.71- 01.71	110223	12	1.1
Charger 5.9	01.74- 01.76	110236	14	60	01.74- 01.76	110222	12	1.3
Charger 5.9 Special Edition	01.74- 01.78	110236	14	60	01.74- 01.78	110222	12	1.3
Charger 5.9 Sport	01.76- 01.76	110236	14	60	01.76- 01.76	110222	12	1.3
Charger 6.3	01.70- 01.71	110236	14	60	01.67- 01.71	110223	12	1.1
	01.67- 01.69	110074	14	60				
Charger 6.3 500	01.70- 01.71	110236	14	60	01.70- 01.71	110223	12	1.1
Charger 6.3 R/T	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Charger 6.3 Special Edition	01.71- 01.71	110236	14	60	01.71- 01.71	110223	12	1.1
Charger 6.3 Super Bee	01.71- 01.71	110236	14	60	01.71- 01.71	110223	12	1.1
Charger 6.6	01.72- 01.76	110236	14	60	01.72- 01.76	110222	12	1.3
Charger 6.6 Special Edition	01.72- 01.78	110236	14	60	01.72- 01.78	110222	12	1.3
Charger 6.6 Sport	01.76- 01.76	110236	14	60	01.76- 01.76	110222	12	1.3
Charger 7.0	01.67- 01.69	110074	14	60	01.67- 01.69	110222	12	1.3
Charger 7.0 500	01.69- 01.69	110074	14	60	01.69- 01.69	110222	12	1.3
Charger 7.0 R/T	01.70- 01.71	110236	14	60	01.68- 01.71	110222	12	1.3
	01.68- 01.69	110074	14	60				
Charger 7.0 Super Bee	01.71- 01.71	110236	14	60	01.71- 01.71	110222	12	1.3
Charger 7.2	01.67- 01.69	110074	14	60	01.67- 01.74	110222	12	1.3
	01.70- 01.74	110236	14	60				
Charger 7.2 500	01.70- 01.70	110236	14	60	01.69- 01.70	110222	12	1.3
	01.69- 01.69	110074	14	60				
Charger 7.2 R/T	01.70- 01.71	110236	14	60	01.67- 01.71	110222	12	1.3
	01.67- 01.69	110074	14	60				
Charger 7.2 Special Edition	01.71- 01.74	110236	14	60	01.71- 01.74	110222	12	1.3
Charger 7.2 Super Bee	01.71- 01.71	110236	14	60	01.71- 01.71	110222	12	1.3
Colt 1.4					01.79- 01.83	110158	12	1.2
Colt 1.4 Custom					01.79- 01.79	110158	12	1.2
Colt 1.4 Deluxe					01.82- 01.83	110158	12	1.2
Colt 1.4 DL					01.84- 01.84	110158	12	1.2
Colt 1.4 E					01.84- 01.84	110158	12	1.2
Colt 1.5	01.89- 01.94	110659	14	75	01.89- 01.94	110158	12	1.2
					01.91- 01.94	110958	12	0.9
Colt 1.5 100 DL	01.89- 01.91	110659	14	75	01.89- 01.91	110158	12	1.2
					01.91- 01.91	110958	12	0.9
Colt 1.5 100 E	01.89- 01.92	110659	14	75	01.89- 01.92	110158	12	1.2
					01.91- 01.92	110958	12	0.9
Colt 1.5 100 LX	01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
Colt 1.5 200 DL	01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
Colt 1.5 200 E	01.89- 01.92	110659	14	75	01.89- 01.92	110158	12	1.2
					01.92- 01.92	110958	12	0.9
Colt 1.5 200 GT	01.91- 01.92	110659	14	75	01.91- 01.92	110158	12	1.2
					01.91- 01.92	110958	12	0.9
Colt 1.5 200 LX	01.89- 01.89	110659	14	75	01.89- 01.89	110158	12	1.2
Colt 1.5 DL	01.88- 01.90	110659	14	75	01.85- 01.90	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.5 E	01.89- 01.89	110659	14	75	01.85- 01.89	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.5 ES	01.94- 01.94	110659	14	75	01.94- 01.94	110158	12	1.2
					01.94- 01.94	110958	12	0.9
Colt 1.5 GL	01.90- 01.93	110659	14	75	01.90- 01.93	110158	12	1.2
					01.91- 01.93	110958	12	0.9
Colt 1.5 GT	01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
Colt 1.5 Premier					01.85- 01.88	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.6					01.79- 01.80	110158	12	1.2
					01.71- 01.78	110157	12	1.0
Colt 1.6 200 LX	01.89- 01.89	110802	14	75	01.89- 01.89	110811	12	1.2
Colt 1.6 Carousel					01.75- 01.77	110157	12	1.0
Colt 1.6 Custom					01.79- 01.83	110158	12	1.2
					01.77- 01.78	110157	12	1.0
Colt 1.6 Deluxe					01.82- 01.83	110158	12	1.2
Colt 1.6 DL					01.84- 01.84	110158	12	1.2
Colt 1.6 E					01.84- 01.84	110158	12	1.2
Colt 1.6 GT	01.90- 01.90	110802	14	75	01.90- 01.90	110811	12	1.2
					01.73- 01.77	110157	12	1.0
Colt 1.6 Turbo 100 DL	01.89- 01.89	110802	14	75	01.89- 01.89	110811	12	1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**DODGE** *Continued*

Colt 1.6 Turbo 100 LX	01.89- 01.90	110802	14 75	01.89- 01.90	110811	12 1.2
Colt 1.6 Turbo DL				01.84- 01.88	110158	12 1.2
				01.85- 01.85	110315	12 0.9
Colt 1.6 Turbo GT	01.89- 01.89	110802	14 75	01.89- 01.89	110811	12 1.2
Colt 1.6 Turbo Premier				01.85- 01.88	110158	12 1.2
				01.85- 01.85	110315	12 0.9
Colt 1.8	01.94- 01.94	111375	14 75			
Colt 1.8 DL				01.89- 01.90	110158	12 1.2
Colt 1.8 ES	01.94- 01.94	111375	14 75			
Colt 2.0				01.74- 01.77	110157	12 1.0
Colt 2.0 Carousel				01.76- 01.77	110157	12 1.0
Colt 2.0 GT				01.74- 01.77	110157	12 1.0
Colt 2.0 Vista	01.87- 01.91	112531	14 60	01.87- 01.91	110811	12 1.2
				01.84- 01.91	110158	12 1.2
Colt 2.0 Vista Custom				01.86- 01.86	110158	12 1.2
Colt 2.4	01.93- 01.94	111376	14 75	01.93- 01.94	110158	12 1.2
Colt 2.4 4x4	01.93- 01.94	111376	14 75	01.93- 01.94	110158	12 1.2
Colt 2.4 SE	01.93- 01.94	111376	14 75	01.93- 01.94	110158	12 1.2
Colt 2.6	01.78- 01.80	110805	14 45	01.78- 01.80	110158	12 1.2
Conquest 2.6 Turbo	01.84- 01.86	110318	14 50	01.84- 01.85	110158	12 1.2
Coronet 3.7	01.67- 01.67	110074	14 60	01.67- 01.76	110223	12 1.1
	01.71- 01.76	110236	14 60			
Coronet 3.7 440	01.70- 01.70	110236	14 60	01.68- 01.70	110223	12 1.1
	01.68- 01.69	110074	14 60			
Coronet 3.7 Brougham	01.76- 01.76	110236	14 60	01.76- 01.76	110223	12 1.1
Coronet 3.7 Custom	01.71- 01.75	110236	14 60	01.71- 01.75	110223	12 1.1
Coronet 3.7 Deluxe	01.68- 01.69	110074	14 60	01.68- 01.70	110223	12 1.1
	01.70- 01.70	110236	14 60			
Coronet 4.5	01.65- 01.67	110074	14 60	01.65- 01.67	110223	12 1.1
Coronet 4.5 440	01.68- 01.68	110074	14 60	01.68- 01.68	110223	12 1.1
Coronet 4.5 500	01.68- 01.68	110074	14 60	01.68- 01.68	110223	12 1.1
Coronet 4.5 Deluxe	01.68- 01.68	110074	14 60	01.68- 01.68	110223	12 1.1
Coronet 5.2	01.65-	110074	14 60	01.71- 01.76	110223	12 1.1
	01.71- 01.76	110236	14 60			
Coronet 5.2 440	01.70- 01.70	110236	14 60	01.68- 01.70	110223	12 1.1
	01.68- 01.69	110074	14 60			
Coronet 5.2 500	01.70- 01.70	110236	14 60	01.68- 01.70	110223	12 1.1
	01.68- 01.69	110074	14 60			
Coronet 5.2 Brougham	01.71- 01.76	110236	14 60	01.71- 01.76	110223	12 1.1
Coronet 5.2 Crestwood	01.71- 01.75	110236	14 60	01.71- 01.75	110223	12 1.1
Coronet 5.2 Custom	01.71- 01.75	110236	14 60	01.71- 01.75	110223	12 1.1
Coronet 5.2 Deluxe	01.68- 01.69	110074	14 60	01.68- 01.70	110223	12 1.1
	01.70- 01.70	110236	14 60			
Coronet 5.6 Crestwood	01.73- 01.73	110236	14 60	01.73- 01.73	110223	12 1.1
Coronet 5.6 Custom	01.72- 01.73	110236	14 60	01.72- 01.73	110223	12 1.1
Coronet 5.9	01.73- 01.76	110236	14 60	01.73- 01.76	110222	12 1.3
Coronet 5.9 Brougham	01.75- 01.76	110236	14 60	01.75- 01.76	110222	12 1.3
Coronet 5.9 Crestwood	01.74- 01.76	110236	14 60	01.74- 01.76	110222	12 1.3
Coronet 5.9 Custom	01.74- 01.75	110236	14 60	01.74- 01.75	110222	12 1.3
Coronet 6.3	01.67- 01.67	110074	14 60	01.67- 01.71	110223	12 1.1
	01.71- 01.71	110236	14 60			
Coronet 6.3 440	01.70- 01.70	110236	14 60	01.68- 01.70	110223	12 1.1
	01.68- 01.69	110074	14 60			
Coronet 6.3 500	01.68- 01.69	110074	14 60	01.68- 01.70	110223	12 1.1
	01.70- 01.70	110236	14 60			
Coronet 6.3 Brougham	01.71- 01.71	110236	14 60	01.71- 01.71	110223	12 1.1
Coronet 6.3 Crestwood	01.71- 01.71	110236	14 60	01.71- 01.71	110223	12 1.1
Coronet 6.3 Custom	01.71- 01.71	110236	14 60	01.71- 01.71	110223	12 1.1
Coronet 6.3 Deluxe	01.68- 01.69	110074	14 60	01.68- 01.70	110223	12 1.1
	01.70- 01.70	110236	14 60			
Coronet 6.3 R/T	01.68- 01.68	110074	14 60	01.68- 01.68	110223	12 1.1
Coronet 6.3 Super Bee	01.68- 01.69	110074	14 60	01.68- 01.70	110223	12 1.1
	01.70- 01.70	110236	14 60			
Coronet 6.6	01.72- 01.76	110236	14 60	01.72- 01.76	110222	12 1.3
Coronet 6.6 Brougham	01.75- 01.76	110236	14 60	01.75- 01.76	110222	12 1.3
Coronet 6.6 Crestwood	01.72- 01.76	110236	14 60	01.72- 01.76	110222	12 1.3
Coronet 6.6 Custom	01.72- 01.75	110236	14 60	01.72- 01.75	110222	12 1.3
Coronet 6.8	01.65- 01.65	110074	14 60			
Coronet 7.0	01.65- 01.67	110074	14 60	01.65- 01.67	110222	12 1.3
Coronet 7.0 440	01.68- 01.69	110074	14 60	01.68- 01.69	110222	12 1.3
Coronet 7.0 R/T	01.67- 01.69	110074	14 60	01.67- 01.69	110222	12 1.3
	01.70- 01.70	110236	14 60			
Coronet 7.0 Super Bee	01.68- 01.69	110074	14 60	01.68- 01.69	110222	12 1.3
	01.70- 01.70	110236	14 60			
Coronet 7.2	01.70- 01.76	110236	14 60	01.67- 01.76	110222	12 1.3
	01.67- 01.67	110074	14 60			
Coronet 7.2 440	01.68- 01.68	110074	14 60	01.68- 01.68	110222	12 1.3
Coronet 7.2 R/T	01.67- 01.69	110074	14 60	01.67- 01.70	110222	12 1.3
	01.70- 01.70	110236	14 60			
Coronet 7.2 Super Bee	01.69- 01.69	110074	14 60	01.69- 01.70	110222	12 1.3
	01.70- 01.70	110236	14 60			
Custom 4.5	01.64- 01.65	110074	14 60	01.64- 01.65	110223	12 1.1
Custom 5.2	01.62- 01.65	110074	14 60	01.62- 01.65	110223	12 1.1
Custom 5.9	01.62- 01.64	110074	14 60	01.62- 01.64	110223	12 1.1
Custom 6.3	01.62- 01.65	110074	14 60			
Custom 6.8	01.62- 01.65	110074	14 60			
Custom 7.0	01.63- 01.65	110074	14 60			
D100 3.2	01.70- 01.71	110236	14 60	01.70- 01.71	110223	12 1.1
D100 3.7	01.70- 01.87	110236	14 60	01.68- 01.87	110223	12 1.1
	01.68- 01.69	110074	14 60			
D100 3.9	01.88- 01.89	111193	14 90			
D100 5.2	01.88- 01.89	111193	14 90	01.68- 01.87	110223	12 1.1
	01.70- 01.87	110236	14 60			
	01.68- 01.69	110074	14 60			
D100 5.9	01.71- 01.87	110236	14 60	01.71- 01.87	110222	12 1.3
	01.88- 01.88	111193	14 90			

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D100 6.3		01.70- 01.71	110236	14	60		01.68- 01.71	110222	12	1.3
		01.68- 01.69	110074	14	60					
D100 6.6		01.71- 01.78	110236	14	60		01.71- 01.78	110222	12	1.3
D100 7.2		01.73- 01.78	110236	14	60		01.73- 01.78	110222	12	1.3
D100 Series 2.8		01.63- 01.65	110074	14	60		01.63- 01.65	110223	12	1.1
D100 Series 3.7		01.63- 01.67	110074	14	60		01.63- 01.67	110223	12	1.1
D100 Series 5.2		01.63- 01.67	110074	14	60		01.63- 01.67	110223	12	1.1
D100 Series 6.3		01.63- 01.67	110074	14	60		01.63- 01.67	110222	12	1.3
D150 3.7		01.78- 01.87	110236	14	60		01.78- 01.87	110223	12	1.1
D150 3.9		01.88- 01.90	111193	14	90					
D150 5.2		01.88- 01.90	111193	14	90		01.77- 01.87	110223	12	1.1
		01.77- 01.87	110236	14	60					
D150 5.9		01.88- 01.90	111193	14	90		01.91- 01.93	111764	12	1.4
		01.77- 01.87	110236	14	60		01.77- 01.87	110222	12	1.3
D150 6.6		01.77- 01.78	110236	14	60		01.77- 01.78	110222	12	1.3
D150 7.2		01.78- 01.78	110236	14	60		01.78- 01.78	110222	12	1.3
D200 3.7		01.70- 01.80	110236	14	60		01.68- 01.80	110223	12	1.1
		01.68- 01.69	110074	14	60					
D200 5.2		01.70- 01.80	110236	14	60		01.68- 01.80	110223	12	1.1
		01.68- 01.69	110074	14	60					
D200 5.9		01.71- 01.80	110236	14	60		01.71- 01.80	110222	12	1.3
D200 6.3		01.70- 01.71	110236	14	60		01.68- 01.71	110222	12	1.3
		01.68- 01.69	110074	14	60					
D200 6.6		01.71- 01.78	110236	14	60		01.71- 01.78	110222	12	1.3
D200 7.2		01.73- 01.78	110236	14	60		01.73- 01.78	110222	12	1.3
D200 Series 3.7		01.63- 01.67	110074	14	60		01.63- 01.67	110223	12	1.1
D200 Series 5.2		01.63- 01.67	110074	14	60		01.63- 01.67	110223	12	1.1
D200 Series 6.3		01.63- 01.67	110074	14	60		01.63- 01.67	110222	12	1.3
D250 3.7		01.81- 01.87	110236	14	60		01.81- 01.87	110223	12	1.1
D250 3.9		01.88- 01.90	111193	14	90		01.91- 01.93	111764	12	1.4
D250 5.2		01.88- 01.90	111193	14	90		01.91- 01.93	111764	12	1.4
		01.81- 01.87	110236	14	60		01.81- 01.87	110223	12	1.1
D250 5.9		01.88- 01.90	111193	14	90		01.91- 01.93	111764	12	1.4
		01.81- 01.87	110236	14	60		01.81- 01.87	110222	12	1.3
D300 3.7		01.70- 01.78	110236	14	60		01.68- 01.78	110223	12	1.1
		01.68- 01.69	110074	14	60					
D300 5.2		01.70- 01.80	110236	14	60		01.68- 01.80	110223	12	1.1
		01.68- 01.69	110074	14	60					
D300 5.9		01.71- 01.80	110236	14	60		01.71- 01.80	110222	12	1.3
D300 6.3		01.70- 01.71	110236	14	60		01.68- 01.71	110222	12	1.3
		01.68- 01.69	110074	14	60					
D300 6.6		01.71- 01.78	110236	14	60		01.71- 01.78	110222	12	1.3
D300 7.2		01.73- 01.78	110236	14	60		01.73- 01.78	110222	12	1.3
D300 Series 3.7		01.63- 01.67	110074	14	60		01.63- 01.67	110223	12	1.1
D300 Series 5.2		01.63- 01.67	110074	14	60		01.63- 01.67	110223	12	1.1
D300 Series 6.3		01.63- 01.67	110074	14	60		01.63- 01.67	110222	12	1.3
D350 5.2		01.81- 01.83	110236	14	60		01.81- 01.83	110223	12	1.1
D350 5.9		01.88- 01.90	111193	14	90		01.91- 01.93	111764	12	1.4
		01.81- 01.87	110236	14	60		01.81- 01.87	110222	12	1.3
D400 5.9		01.78- 01.81	110236	14	60		01.78- 01.81	110222	12	1.3
D400 7.2		01.78- 01.78	110236	14	60		01.78- 01.78	110222	12	1.3
D450 5.9		01.78- 01.81	110236	14	60		01.78- 01.81	110222	12	1.3
D450 7.2		01.78- 01.78	110236	14	60		01.78- 01.78	110222	12	1.3
D50 2.0		01.79- 01.82	110805	14	45		01.79- 01.82	110158	12	1.2
D50 2.6		01.79- 01.82	110805	14	45		01.79- 01.82	110158	12	1.2
Dakota 2.2		01.87- 01.87	110514	14	78					
Dakota 2.5		01.99- 01.00	113358	14	117		01.96- 01.98	112301	12	1.2
		01.97- 01.98	113063	14	90					
		01.91- 01.96	111193	14	90					
Dakota 3.7		01.04-	113607	14	136					
Dakota 3.9		01.98- 01.98	113071	14	136		01.99- 01.03	113120	12	1.4
		01.88- 01.90	111193	14	90		01.91- 01.95	111764	12	1.4
							01.87- 01.87	110223	12	1.1
Dakota 3.9 AWD	[EHC]						01.96- 01.98	113116	12	1.4
							01.99- 09.03	113120	12	1.4
Dakota 3.9 SLT	[EHC]						01.96- 01.98	113116	12	1.4
							01.99- 09.03	113120	12	1.4
Dakota 3.9 Sport		01.88- 01.90	111193	14	90		01.91- 01.91	111764	12	1.4
Dakota 4.7		01.01- 01.03	113607	14	136					
		01.00- 01.01	113559	14	136					
Dakota 5.2		01.98- 01.98	113071	14	136		01.99- 01.99	113120	12	1.4
							01.90- 01.95	111764	12	1.4
Dakota 5.2 Shelby		01.89-	111193	14	90		01.99-	113120	12	1.4
Dakota 5.2 Sport							01.91- 01.91	111764	12	1.4
Dakota 5.9		01.98- 01.98	113071	14	136		01.99- 01.03	113120	12	1.4
Dart 2.8		01.61- 01.69	110074	14	60		01.61- 01.69	110223	12	1.1
Dart 2.8 270		01.68- 01.68	110074	14	60		01.68- 01.68	110223	12	1.1
Dart 2.8 Custom		01.69- 01.69	110074	14	60		01.69- 01.69	110223	12	1.1
Dart 2.8 GT		01.68- 01.69	110074	14	60		01.68- 01.69	110223	12	1.1
Dart 2.8 Swinger		01.69- 01.69	110074	14	60		01.69- 01.69	110223	12	1.1
Dart 3.2		01.70- 01.74	110236	14	60		01.70- 01.74	110223	12	1.1
Dart 3.2 Custom		01.70- 01.74	110236	14	60		01.70- 01.74	110223	12	1.1
Dart 3.2 Demon		01.71- 01.72	110236	14	60		01.71- 01.72	110223	12	1.1
Dart 3.2 Special		01.71- 01.74	110236	14	60		01.71- 01.74	110223	12	1.1
Dart 3.2 Sport		01.73- 01.74	110236	14	60		01.73- 01.74	110223	12	1.1
Dart 3.2 Swinger		01.70- 01.74	110236	14	60		01.70- 01.74	110223	12	1.1
Dart 3.7		01.70- 01.76	110236	14	60		01.61- 01.76	110223	12	1.1
		01.61- 01.69	110074	14	60					
Dart 3.7 270		01.68- 01.68	110074	14	60		01.68- 01.68	110223	12	1.1
Dart 3.7 Custom		01.70- 01.75	110236	14	60		01.69- 01.75	110223	12	1.1
		01.69- 01.69	110074	14	60					
Dart 3.7 Demon		01.71- 01.72	110236	14	60		01.71- 01.72	110223	12	1.1
Dart 3.7 GT		01.68- 01.69	110074	14	60		01.68- 01.69	110223	12	1.1
Dart 3.7 Special		01.71- 01.76	110236	14	60		01.71- 01.76	110223	12	1.1
Dart 3.7 Special Edition		01.74- 01.75	110236	14	60		01.74- 01.75	110223	12	1.1
Dart 3.7 Sport		01.73- 01.76	110236	14	60		01.73- 01.76	110223	12	1.1

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



**DODGE** *Continued*

Dart 3.7 Swinger		01.69- 01.69	110074	14 60		01.69- 01.76	110223	12 1.1
		01.70- 01.76	110236	14 60				
Dart 4.5		01.64- 01.69	110074	14 60		01.64- 01.69	110223	12 1.1
Dart 4.5 270		01.68- 01.68	110074	14 60		01.68- 01.68	110223	12 1.1
Dart 4.5 Custom		01.69- 01.69	110074	14 60		01.69- 01.69	110223	12 1.1
Dart 4.5 GT		01.68- 01.69	110074	14 60		01.68- 01.69	110223	12 1.1
Dart 4.5 GTS		01.68- 01.69	110074	14 60		01.68- 01.69	110223	12 1.1
Dart 4.5 Swinger		01.69- 01.69	110074	14 60		01.69- 01.69	110223	12 1.1
Dart 5.2		01.70- 01.76	110236	14 60		01.61- 01.76	110223	12 1.1
		01.61- 01.68	110074	14 60				
Dart 5.2 270		01.68- 01.68	110074	14 60		01.68- 01.68	110223	12 1.1
Dart 5.2 Custom		01.70- 01.75	110236	14 60		01.69- 01.75	110223	12 1.1
		01.69- 01.69	110074	14 60				
Dart 5.2 Demon		01.71- 01.72	110236	14 60		01.71- 01.72	110223	12 1.1
Dart 5.2 GT		01.68- 01.69	110074	14 60		01.68- 01.69	110223	12 1.1
Dart 5.2 GTS		01.68- 01.69	110074	14 60		01.68- 01.69	110223	12 1.1
Dart 5.2 Special		01.71- 01.76	110236	14 60		01.71- 01.76	110223	12 1.1
Dart 5.2 Special Edition		01.74- 01.75	110236	14 60		01.74- 01.75	110223	12 1.1
Dart 5.2 Sport		01.73- 01.76	110236	14 60		01.73- 01.76	110223	12 1.1
Dart 5.2 Swinger		01.69- 01.69	110074	14 60		01.69- 01.76	110223	12 1.1
		01.70- 01.76	110236	14 60				
Dart 5.6		01.68- 01.68	110074	14 60		01.68- 01.68	110223	12 1.1
Dart 5.6 270		01.68- 01.68	110074	14 60		01.68- 01.68	110223	12 1.1
Dart 5.6 Demon 340		01.71- 01.72	110236	14 60		01.71- 01.72	110223	12 1.1
Dart 5.6 GT		01.68- 01.69	110074	14 60		01.68- 01.69	110223	12 1.1
Dart 5.6 GTS		01.68- 01.69	110074	14 60		01.68- 01.69	110223	12 1.1
Dart 5.6 Sport 340		01.73- 01.73	110236	14 60		01.73- 01.73	110223	12 1.1
Dart 5.6 Swinger		01.69- 01.69	110074	14 60		01.69- 01.71	110223	12 1.1
		01.70- 01.71	110236	14 60				
Dart 5.9		01.61- 01.62	110074	14 60		01.76- 01.76	110222	12 1.3
		01.76- 01.76	110236	14 60				
Dart 5.9 Sport 360		01.74- 01.75	110236	14 60		01.74- 01.75	110222	12 1.3
Dart 5.9 Swinger		01.76- 01.76	110236	14 60		01.76- 01.76	110222	12 1.3
Dart 6.3		01.62- 01.68	110074	14 60		01.66- 01.68	110222	12 1.3
Dart 6.3 270		01.68- 01.68	110074	14 60		01.68- 01.68	110222	12 1.3
Dart 6.3 GT		01.68- 01.68	110074	14 60		01.68- 01.68	110222	12 1.3
Dart 6.3 GTS		01.68- 01.69	110074	14 60		01.68- 01.69	110222	12 1.3
Dart 6.8		01.61- 01.61	110074	14 60				
Daytona 2.2 Turbo		01.90- 01.90	111193	14 90				
		01.89- 01.89	113051#	14 120				
Daytona 2.2 Turbo IROC R/T		01.92- 01.93	111193	14 90				
Daytona 2.2 Turbo Shelby		01.90- 01.90	111193	14 90				
		01.89- 01.89	113051#	14 120				
Daytona 2.5		01.90- 01.93	111193	14 90				
Daytona 2.5 ES		01.92- 01.93	111193	14 90				
		01.89- 01.91	113051#	14 120				
Daytona 2.5 Turbo		01.89- 01.91	113051#	14 120				
Daytona 2.5 Turbo ES		01.89- 01.90	113051#	14 120				
Daytona 2.5 Turbo Iroc		01.91- 01.92	111193	14 90				
Daytona 2.5 Turbo Shelby		01.89- 01.91	113051#	14 120				
Daytona 3.0		01.90-	111193	14 90				
Diplomat 3.7		01.78- 01.81	110236	14 60		01.78- 01.81	110223	12 1.1
Diplomat 3.7 Medallion		01.78- 01.83	110236	14 60		01.78- 01.83	110223	12 1.1
Diplomat 3.7 S		01.78- 01.78	110236	14 60		01.78- 01.78	110223	12 1.1
Diplomat 3.7 SALON		01.79- 01.83	110236	14 60		01.79- 01.83	110223	12 1.1
Diplomat 3.7 Sport		01.81- 01.81	110236	14 60		01.81- 01.81	110223	12 1.1
Diplomat 5.2		01.77- 01.81	110236	14 60		01.77- 01.81	110223	12 1.1
Diplomat 5.2 Medallion		01.77- 01.83	110236	14 60		01.77- 01.83	110223	12 1.1
Diplomat 5.2 S		01.78- 01.78	110236	14 60		01.78- 01.78	110223	12 1.1
Diplomat 5.2 SALON		01.79- 01.87	110236	14 60		01.79- 01.87	110223	12 1.1
Diplomat 5.2 SE		01.84- 01.87	110236	14 60		01.84- 01.87	110223	12 1.1
Diplomat 5.2 Sport		01.81- 01.81	110236	14 60		01.81- 01.81	110223	12 1.1
Diplomat 5.9		01.78- 01.79	110236	14 60		01.78- 01.79	110222	12 1.3
Diplomat 5.9 Medallion		01.78- 01.79	110236	14 60		01.78- 01.79	110222	12 1.3
Diplomat 5.9 SALON		01.79- 01.79	110236	14 60		01.79- 01.79	110222	12 1.3
Durango 3.9		01.98- 01.98	113071	14 136		01.98- 01.99	113116	12 1.4
						01.99- 01.99	113120	12 1.4
Durango 4.7		01.00- 01.01	113559	14 136				
Durango 5.2		01.98- 01.98	113071	14 136		01.98- 01.00	113116	12 1.4
						01.99- 01.00	113120	12 1.4
Durango 5.9		01.98- 01.98	113071	14 136		01.98- 01.02	113116	12 1.4
						01.99- 01.02	113120	12 1.4
Dynasty 2.5		01.92- 01.93	111193	14 90				
Dynasty 3.0		01.90-	111193	14 90				
Dynasty 3.3						01.90- 01.93	111492	12 1.4
Dynasty 3.3 LE						01.90- 01.93	111492	12 1.4
Grand 3.3						01.97- 01.00	111492	12 1.4
Grand 3.3 ES						01.94- 01.97	111492	12 1.4
Grand 3.3 LE						01.90- 01.97	111492	12 1.4
Grand 3.3 SE						01.90- 01.97	111492	12 1.4
Grand 3.3 SE						01.96- 01.96	111492	12 1.4
Grand 3.3	[EGM]					01.99- 01.00	111492	12 1.4
						01.98- 01.98	111492	12 1.4
Grand 3.8						01.98- 01.00	111492	12 1.4
Grand 3.8 ES						01.94- 01.97	111492	12 1.4
Grand 3.8 LE						01.94- 01.97	111492	12 1.4
Grand 3.8 SE						01.97- 01.97	111492	12 1.4
Grand Caravan 2.8 CRD						01.08-	113977	12 2.2
Intrepid 2.7	[EER]	01.98- 01.01	113365	14 120				
Intrepid 2.7 ES		01.00- 01.01	113365	14 120				
Intrepid 2.7 SE	[EER]	01.02- 01.02	113365	14 120				
		01.03- 01.03	113365	14 120				
Intrepid 3.2	[EGW]					01.98- 01.01	113242	12 1.4
Intrepid 3.5						01.00- 01.01	113242	12 1.4
Intrepid 3.5 ES						01.02- 01.03	113242	12 1.4
Intrepid 3.5 R/T						01.00- 01.02	113242	12 1.4

## STARTERS & ALTERNATORS





Lancer 2.2 Turbo Shelby		01.89- 01.89	113051#	14	120				
Lancer 2.5 Turbo		01.89- 01.89	113051#	14	120				
Lancer 2.5 Turbo ES		01.89- 01.89	113051#	14	120				
Lancer 2.5 Turbo Shelby		01.89- 01.89	113051#	14	120				
Lancer 2.8		01.62- 01.62	110074	14	60				
Lancer 3.7		01.61- 01.62	110074	14	60				
Lancer 6.8		01.61- 01.62	110074	14	60				
M300 5.2		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
M300 7.2		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
M350 5.2		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
M350 7.2		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
Magnum 5.2 XE		01.78- 01.79	110236	14	60	01.78- 01.79	110223	12	1.1
Magnum 5.9 XE		01.78- 01.79	110236	14	60	01.78- 01.79	110222	12	1.3
Magnum 6.6 XE		01.78- 01.78	110236	14	60	01.78- 01.78	110222	12	1.3
Mirada 3.7		01.80- 01.83	110236	14	60	01.80- 01.83	110223	12	1.1
Mirada 5.2		01.80- 01.83	110236	14	60	01.80- 01.83	110223	12	1.1
Mirada 5.9		01.80- 01.80	110236	14	60	01.80- 01.80	110222	12	1.3
Monaco 3.0 ES		01.90- 01.92	112447	14	105				
Monaco 3.0 LE		01.90- 01.92	112447	14	105				
Monaco 3.7		01.77- 01.78	110236	14	60	01.77- 01.78	110223	12	1.1
Monaco 3.7 Brougham		01.77- 01.78	110236	14	60	01.77- 01.78	110223	12	1.1
Monaco 5.2		01.70- 01.78	110236	14	60	01.68- 01.78	110223	12	1.1
		01.68- 01.69	110074	14	60				
Monaco 5.2 500		01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Monaco 5.2 Brougham		01.77- 01.78	110236	14	60	01.77- 01.78	110223	12	1.1
Monaco 5.9		01.71- 01.78	110236	14	60	01.71- 01.78	110222	12	1.3
Monaco 5.9 Brougham		01.74- 01.78	110236	14	60	01.74- 01.78	110222	12	1.3
Monaco 5.9 Crestwood		01.77- 01.78	110236	14	60	01.77- 01.78	110222	12	1.3
Monaco 5.9 Custom		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
Monaco 6.3		01.70- 01.71	110236	14	60	01.66- 01.71	110223	12	1.1
		01.65- 01.69	110074	14	60				
Monaco 6.3 500		01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Monaco 6.6		01.72- 01.78	110236	14	60	01.72- 01.78	110222	12	1.3
Monaco 6.6 Brougham		01.74- 01.78	110236	14	60	01.74- 01.78	110222	12	1.3
Monaco 6.6 Crestwood		01.77- 01.78	110236	14	60	01.77- 01.78	110222	12	1.3
Monaco 6.6 Custom		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
Monaco 6.8		01.65- 01.65	110074	14	60				
Monaco 7.0		01.65- 01.66	110074	14	60				
Monaco 7.2		01.66- 01.69	110074	14	60	01.66- 01.78	110222	12	1.3
		01.70- 01.78	110236	14	60				
Monaco 7.2 500		01.68- 01.68	110074	14	60	01.68- 01.68	110222	12	1.3
Monaco 7.2 Brougham		01.74- 01.78	110236	14	60	01.74- 01.78	110222	12	1.3
Monaco 7.2 Custom		01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
Neon 2.0	[ECB]	01.95- 01.97	111530#	14	90				
	[ECC]	01.97- 01.97	111530#	14	90				
	[ECH]	10.99- 09.05	116020	14	100				
		01.96- 01.96	111530#	14	90	01.00- 01.01	113613	12	1.1
Neon 2.0 Highline	[ECB]	01.95- 01.97	111530#	14	90				
	[ECC]	01.97- 01.97	111530#	14	90				
		01.95- 01.96	111530#	14	90				
Neon 2.0 R/T						01.01- 01.01	113613	12	1.1
Neon 2.0 SE						01.02- 01.03	113613	12	1.1
Neon 2.0 Sport	[ECB]	01.95- 01.96	111530#	14	90				
	[ECC]	01.95- 01.97	111530#	14	90				
		01.97- 01.97	111530#	14	90				
Neon 2.0 SXT						01.03- 01.03	113613	12	1.1
Omni 1.7		01.83- 01.83	110514	14	78				
Omni 1.7 024		01.80- 01.82	110514	14	78				
Omni 1.7 024 Miser		01.81- 01.82	110514	14	78				
Omni 1.7 Custom		01.83- 01.83	110514	14	78				
Omni 1.7 E-Type		01.82- 01.82	110514	14	78				
Omni 1.7 Miser		01.81- 01.82	110514	14	78				
Omni 2.2		01.88- 01.90	113051#	14	120				
		01.81- 01.85	110514	14	78				
Omni 2.2 024		01.81- 01.82	110514	14	78				
Omni 2.2 024 Miser		01.81- 01.82	110514	14	78				
Omni 2.2 Custom		01.83- 01.83	110514	14	78				
Omni 2.2 E-Type		01.82- 01.82	110514	14	78				
Omni 2.2 Miser		01.81- 01.82	110514	14	78				
P200 3.7		01.70- 01.72	110236	14	60	01.70- 01.72	110222	12	1.3
P200 5.9		01.70- 01.72	110236	14	60	01.70- 01.72	110222	12	1.3
P300 3.7		01.70- 01.72	110236	14	60	01.70- 01.72	110222	12	1.3
P300 5.9		01.71- 01.72	110236	14	60	01.71- 01.72	110222	12	1.3
Polara 2.8		01.63- 01.64	110074	14	60				
Polara 3.7		01.70- 01.71	110236	14	60	01.63- 01.71	110223	12	1.1
		01.63- 01.64	110074	14	60				
Polara 3.7 Custom		01.70- 01.70	110236	14	60	01.70- 01.70	110223	12	1.1
Polara 4.5		01.64- 01.67	110074	14	60	01.64- 01.67	110223	12	1.1
Polara 5.2		01.62- 01.69	110074	14	60	01.62- 01.73	110223	12	1.1
		01.70- 01.73	110236	14	60				
Polara 5.2 500		01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Polara 5.2 Custom		01.70- 01.73	110236	14	60	01.70- 01.73	110223	12	1.1
Polara 5.9		01.71- 01.73	110236	14	60	01.71- 01.73	110222	12	1.3
		01.62- 01.64	110074	14	60	01.62- 01.64	110223	12	1.1
Polara 5.9 Custom		01.71- 01.73	110236	14	60	01.71- 01.73	110222	12	1.3
Polara 6.3		01.62- 01.69	110074	14	60	01.66- 01.71	110222	12	1.3
		01.70- 01.71	110236	14	60				
Polara 6.3 500		01.68- 01.69	110074	14	60	01.68- 01.69	110222	12	1.3
Polara 6.3 Brougham		01.71- 01.71	110236	14	60	01.71- 01.71	110222	12	1.3
Polara 6.3 Custom		01.70- 01.71	110236	14	60	01.70- 01.71	110222	12	1.3
Polara 6.6		01.72- 01.73	110236	14	60	01.72- 01.73	110222	12	1.3
Polara 6.6 Custom		01.72- 01.73	110236	14	60	01.72- 01.73	110222	12	1.3
Polara 6.8		01.62- 01.65	110074	14	60				
Polara 7.0		01.64- 01.67	110074	14	60				
Polara 7.2		01.66- 01.69	110074	14	60	01.66- 01.73	110222	12	1.3
		01.70- 01.73	110236	14	60				

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



**DODGE** Continued

Polara 7.2 500	01.68- 01.69	110074	14	60	01.68- 01.69	110222	12	1.3
Polara 7.2 Brougham	01.71- 01.71	110236	14	60	01.71- 01.71	110222	12	1.3
Polara 7.2 Custom	01.70- 01.73	110236	14	60	01.70- 01.73	110222	12	1.3
Power Ram 2.0 50					01.83- 01.84	110158	12	1.2
Power Ram 2.3 Turbo 50	01.83-	110811						
Power Ram 2.6 50	01.83- 01.86	110805	14	45	01.85- 01.86	110315	12	0.9
					01.83- 01.84	110158	12	1.2
Raider 2.6					01.87- 01.89	110811	12	1.2
Raider 3.0					01.89- 01.89	111241	12	1.2
Ram 2.0 50					01.87- 01.89	110811	12	1.2
					01.87- 01.89	110158	12	1.2
Ram 2.0 50 Custom					01.83- 01.86	110158	12	1.2
Ram 2.0 50 Royal					01.84- 01.84	110158	12	1.2
Ram 2.3 Turbo 50 Royal					01.83- 01.85	110811	12	1.2
					01.84- 01.85	111461	12	2.2
					01.83- 01.83	110809	12	2.0
Ram 2.3 Turbo 50 Sport					01.84- 01.84	111461	12	2.2
					01.83- 01.84	110811	12	1.2
					01.83- 01.83	110809	12	2.0
Ram 2.4 50					01.90- 01.93	110811	12	1.2
					01.90- 01.93	110158	12	1.2
Ram 2.4 50 SE					01.90- 01.93	110811	12	1.2
					01.90- 01.93	110158	12	1.2
Ram 2.6 50	01.85-	110805	14	45	01.87- 01.89	110811	12	1.2
					01.87- 01.89	110158	12	1.2
Ram 2.6 50 Custom	01.84- 01.86	110805	14	45	01.87- 01.89	110811	12	1.2
					01.84- 01.89	110158	12	1.2
Ram 2.6 50 Royal	01.83- 01.86	110805	14	45	01.83- 01.86	110158	12	1.2
Ram 2.6 50 Sport	01.83- 01.84	110805	14	45	01.87- 01.89	110811	12	1.2
					01.83- 01.89	110158	12	1.2
Ram 3.0 50					01.90- 01.91	111241	12	1.2
Ram 3.9 1500	01.97- 01.98	113071	14	136	01.99- 01.01	113120	12	1.4
					01.96- 01.98	113116	12	1.4
					01.94- 01.96	111764	12	1.4
Ram 5.2 1500	01.97- 01.98	113071	14	136	01.99- 01.01	113120	12	1.4
					01.96- 01.98	113116	12	1.4
					01.94- 01.96	111764	12	1.4
Ram 5.2 2500	01.97- 01.98	113071	14	136	01.96- 01.98	113116	12	1.4
					01.94- 01.96	111764	12	1.4
					01.99- 01.01	113120	12	1.4
Ram 5.2 3500					01.99- 01.01	113120	12	1.4
Ram 5.2 1500	01.97- 01.97	113071	14	136	01.96- 01.97	113116	12	1.4
					01.95- 01.96	111764	12	1.4
Ram 5.2 2500					01.96- 01.96	113116	12	1.4
					01.95- 01.96	111764	12	1.4
					01.99- 01.01	113120	12	1.4
Ram 5.2 3500					01.99- 01.01	113120	12	1.4
Ram 5.9 1500	01.99- 01.01	113362	14	136	01.99- 01.03	113120	12	1.4
	01.97- 01.98	113071	14	136	01.96- 01.98	113116	12	1.4
					01.94- 01.96	111764	12	1.4
Ram 5.9 2500	01.99- 01.01	113362	14	136	01.96- 01.98	113116	12	1.4
	01.97- 01.98	113071	14	136	01.94- 01.96	111764	12	1.4
					01.99- 01.02	113120	12	1.4
Ram 5.9 3500	01.96- 01.98	113071	14	136	01.96- 01.98	113116	12	1.4
	01.99- 01.01	113362	14	136	01.94- 01.96	111764	12	1.4
					01.99- 01.02	113120	12	1.4
Ram 5.9 3500 Quad Cab	01.98- 01.98	113071	14	136	01.98- 01.98	113116	12	1.4
Ram 5.9 Turbo 2500					01.96- 01.98	113116	12	1.4
					01.94- 01.01	113114	12	2.7
					01.99- 01.03	113120	12	1.4
Ram 5.9 Turbo 2500 Quad Cab					01.98- 01.98	113116	12	1.4
					01.98- 01.01	113114	12	2.7
					01.01- 01.01	113120	12	1.4
Ram 5.9 Turbo 3500					01.96- 01.98	113116	12	1.4
					01.97- 01.01	113114	12	2.7
					01.99- 01.03	113120	12	1.4
Ram 5.9 Turbo 3500 Quad Cab					01.98- 01.98	113116	12	1.4
					01.98- 01.01	113114	12	2.7
					01.01- 01.01	113120	12	1.4
Ram 8.0 2500	01.97- 01.98	113071	14	136				
Ram 8.0 3500	01.97- 01.98	113071	14	136				
Ram 2500 3.9					01.01- 01.01	113120	12	1.4
Ram 2500 5.2					01.99- 01.01	113120	12	1.4
RAM 2500 5.9					01.96- 01.98	113116	12	1.4
Ram 2500 5.9 Turbo					01.02- 01.03	113120	12	1.4
Ram 3500 5.2					01.99- 01.01	113120	12	1.4
RAM 3500 5.9					01.96- 01.98	113116	12	1.4
Ram 3500 5.9 Turbo					01.02- 01.03	113120	12	1.4
Ramcharger 3.7	01.74- 01.80	110236	14	60	01.74- 01.80	110223	12	1.1
Ramcharger 5.2	01.74- 01.87	110236	14	60	01.74- 01.87	110223	12	1.1
	01.88- 01.90	111193	14	90	01.91- 01.93	111764	12	1.4
Ramcharger 5.9	01.74- 01.87	110236	14	60	01.74- 01.87	110222	12	1.3
	01.88- 01.90	111193	14	90	01.91- 01.93	111764	12	1.4
Ramcharger 6.6	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
Ramcharger 7.2	01.74- 01.78	110236	14	60	01.74- 01.78	110222	12	1.3
Rampage 2.2	01.82- 01.84	110514	14	78				
RD200 5.2	01.78- 01.80	110236	14	60	01.78- 01.80	110223	12	1.1
RD200 5.9	01.78- 01.80	110236	14	60	01.78- 01.80	110222	12	1.3
Royal Monaco 5.2	01.75- 01.77	110236	14	60	01.75- 01.77	110223	12	1.1
Royal Monaco 5.9	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
Royal Monaco 5.9 Brougham	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
Royal Monaco 6.6	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
Royal Monaco 6.6 Brougham	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
Royal Monaco 7.2	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
Royal Monaco 7.2 Brougham	01.75- 01.77	110236	14	60	01.75- 01.77	110222	12	1.3
Shadow 2.2	01.90- 01.94	111193	14	90				

## STARTERS & ALTERNATORS



Shadow 2.2 America		01.91-01.92	111193	14	90				
Shadow 2.2 Turbo		01.90-01.90	111193	14	90				
Shadow 2.2 Turbo Shelby		01.89-01.89	113051#	14	120				
Shadow 2.5		01.92-01.94	111193	14	90				
Shadow 2.5 America		01.92-01.92	111193	14	90				
Shadow 2.5 ES		01.91-01.94	111193	14	90				
Shadow 2.5 Turbo		01.92-01.92	111193	14	90				
		01.89-01.91	113051#	14	120				
Shadow 2.5 Turbo ES		01.91-01.92	111193	14	90				
Spirit 2.2 Turbo R/T		01.91-01.92	111193	14	90				
Spirit 2.5		01.92-01.95	111193	14	90				
		01.89-01.91	113051#	14	120				
Spirit 2.5 ES		01.93-01.93	111193	14	90				
Spirit 2.5 LE		01.92-01.92	111193	14	90				
		01.89-01.91	113051#	14	120				
Spirit 2.5 Turbo		01.89-01.91	113051#	14	120				
Spirit 2.5 Turbo ES		01.92-01.92	111193	14	90				
		01.89-01.91	113051#	14	120				
Spirit 2.5 Turbo LE		01.92-01.92	111193	14	90				
		01.89-01.91	113051#	14	120				
Spirit 2.5		01.93-01.94	111193	14	90				
St. Regis 3.7		01.79-01.81	110236	14	60	01.79-01.81	110223	12	1.1
St. Regis 5.2		01.79-01.81	110236	14	60	01.79-01.81	110223	12	1.1
St. Regis 5.9		01.79-01.80	110236	14	60	01.79-01.80	110222	12	1.3
Stealth 3.0						01.91-01.96	111241	12	1.2
Stealth 3.0 ES						01.91-01.93	111241	12	1.2
Stealth 3.0 R/T						01.91-01.96	111241	12	1.2
Stealth 3.0 R/T Sport		01.94-01.95	111406	14	110	01.94-01.95	111241	12	1.2
Stealth 3.0 Turbo R/T		01.91-01.96	111406	14	110	01.91-01.96	111241	12	1.2
Stratus 2.0	[ECB]	01.95-01.98	113067	14	90				
		01.99-01.00	113067	14	90				
Stratus 2.0 ES	[ECB]	01.95-01.97	113067	14	90				
Stratus 2.4	[EDZ]	01.95-01.98	113067	14	90				
		01.99-01.00	113067	14	90				
Stratus 2.4 ES	[EDZ]	01.96-01.98	113067	14	90				
		01.95-01.95	113067	14	90				
Stratus 2.5						01.99-01.00	112846	12	1.4
Stratus 2.5 ES	[EEB]					01.95-01.98	112846	12	1.4
W100 3.7		01.63-01.69	110074	14	60	01.63-01.87	110223	12	1.1
		01.70-01.87	110236	14	60				
W100 3.9		01.89-01.89	111193	14	90				
W100 5.2		01.63-01.69	110074	14	60	01.63-01.87	110223	12	1.1
		01.88-01.89	111193	14	90				
		01.70-01.87	110236	14	60				
W100 5.9		01.88-01.88	111193	14	90	01.72-01.87	110222	12	1.3
		01.72-01.87	110236	14	60				
W100 6.3		01.63-01.69	110074	14	60	01.63-01.71	110222	12	1.3
		01.70-01.71	110236	14	60				
W100 6.6		01.71-01.77	110236	14	60	01.71-01.77	110222	12	1.3
W100 7.2		01.74-01.77	110236	14	60	01.74-01.77	110222	12	1.3
W150 3.7		01.78-01.87	110236	14	60	01.78-01.87	110223	12	1.1
W150 3.9		01.89-01.90	111193	14	90	01.91-01.93	111764	12	1.4
W150 5.2		01.88-01.90	111193	14	90	01.91-01.93	111764	12	1.4
		01.77-01.87	110236	14	60	01.77-01.87	110223	12	1.1
W150 5.9		01.88-01.90	111193	14	90	01.91-01.93	111764	12	1.4
		01.77-01.87	110236	14	60	01.77-01.87	110222	12	1.3
W150 5.9 S						01.91-01.91	111764	12	1.4
W150 6.6		01.77-01.78	110236	14	60	01.77-01.78	110222	12	1.3
W150 7.2		01.78-01.78	110236	14	60	01.78-01.78	110222	12	1.3
W200 3.7		01.63-01.70	110074	14	60	01.63-01.80	110223	12	1.1
		01.70-01.80	110236	14	60				
W200 5.2		01.63-01.69	110074	14	60	01.63-01.80	110223	12	1.1
		01.70-01.80	110236	14	60				
W200 5.9		01.71-01.80	110236	14	60	01.71-01.80	110222	12	1.3
W200 6.3		01.63-01.69	110074	14	60	01.63-01.71	110222	12	1.3
		01.70-01.71	110236	14	60				
W200 6.6		01.71-01.78	110236	14	60	01.71-01.78	110222	12	1.3
W200 7.2		01.74-01.78	110236	14	60	01.74-01.78	110222	12	1.3
W250 5.2		01.88-01.90	111193	14	90	01.91-01.93	111764	12	1.4
		01.81-01.87	110236	14	60	01.81-01.87	110223	12	1.1
W250 5.9		01.88-01.90	111193	14	90	01.91-01.93	111764	12	1.4
		01.81-01.87	110236	14	60	01.81-01.87	110222	12	1.3
W300 3.7		01.63-01.69	110074	14	60	01.63-01.78	110223	12	1.1
		01.70-01.78	110236	14	60				
W300 5.2		01.63-01.69	110074	14	60	01.63-01.80	110223	12	1.1
		01.70-01.80	110236	14	60				
W300 5.9		01.71-01.80	110236	14	60	01.71-01.80	110222	12	1.3
W300 6.3		01.67-01.69	110074	14	60	01.67-01.71	110222	12	1.3
		01.71-01.71	110236	14	60				
W300 6.6		01.76-01.78	110236	14	60	01.76-01.78	110222	12	1.3
W300 7.2		01.75-01.78	110236	14	60	01.75-01.78	110222	12	1.3
W350 5.2		01.82-01.83	110236	14	60	01.82-01.83	110223	12	1.1
W350 5.9		01.88-01.90	111193	14	90	01.91-01.93	111764	12	1.4
		01.81-01.87	110236	14	60	01.81-01.87	110222	12	1.3
<b>PASSENGER CARS AO</b>									
Avenger 2.4	[EDG]	06.07-	115925	14	115				
Caliber 2.4 AWD	[ED3]	10.06-	115925	14	115				
Caravan 3.8 Turbo 4WD	[EGH]	04.01-01.06	113803	14	160	04.01-	115783	12	1.4
Caravan III 3.3	[EGM]	04.01-01.06	113803	14	160				
Caravan III 3.8	[EGH]	04.01-01.06	113803	14	160	04.01-05.07	115783	12	1.4
Caravan III 3.8 AWD		04.01-01.06	113803	14	160	04.01-05.07	115783	12	1.4
Ram 5.9 TD	[ETC]					10.96-01.98	113116	12	1.4
						01.99-01.03	113120	12	1.4
<b>Dongfeng (DFL)</b>									
<b>PASSENGER CARS AO</b>									
Qashqai 2.0	[MR20DE]	12.07-	115340	14	120	12.07-	115341	12	1.0

## STARTERS &amp; ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





Application list

<b>Dongfeng Citroen</b>									
<b>PASSENGER CARS AO</b>									
C2 1.4	[TU3AF]	10.06-	115474	14	80				
<b>Dongfeng Honda</b>									
<b>PASSENGER CARS AO</b>									
Civic 1.8	[R18A1]	04.06-	115661	14	90	04.06-	114389	12	1.1
CR-V 2.4 4x4	[K24A1]					06.04- 02.07	115637	12	1.0
<b>Dongfeng Yueda Kia</b>									
<b>PASSENGER CARS AO</b>									
Rio 1.6	[G4ED]	01.07-	115715	14	90				
<b>Doosan</b>									
<b>INDUSTRY</b>									
Various models			115690	28	45		115969		
							115721	12	4.2
<b>Dronningborg</b>									
<b>AGRICULTURE</b>									
7000	[Perkins]		111289	14	70				
7800	[Valmet D620]	01.93	110968	14	70				
		01.93	111355	14	65				
8700 Jumbo	[Valmet]		110968	14	70				
			111355	14	65				
Various models							114254	12	2.7 GR
							110443	12	2.1
							110545	12	3.0
							110449	12	3.6
							110460	12	2.8
<b>Drögmöller</b>									
<b>TRUCKS EU</b>									
Various models			116063	28	140	w/o bushing in rear brackethole			
			111833	28	140	w/ bushing in rear brackethole			
<b>Ds</b>									
<b>PASSENGER CARS EU</b>									
DS 3 1.2 THP THP 130	[HNY (EB2DTS)]					09.15-	113960	12	0.9
DS 3 1.2 VTi	[HMZ (EB2F)]					07.15-	116092*	12	1.0
DS 3 1.6 THP 208	[5GM (EP6FDTX)]	09.15-	114752*	14	80				
DS 3 1.6 BlueHdi 75	[BHW (DV6FE)]					07.15-	113254	12	1.4
						07.15-	114030	12	2.2
DS 4 Crossback 1.6 BlueHdi 100	[BHY (DV6FD)]					04.16-	113254	12	1.4
DS5 1.6 BlueHdi 120	[BHZ (DV6FC)]					07.15-	113933	12	1.5
<b>DUCATI</b>									
<b>MOTOR BIKES</b>									
749 Dark Superbike			116076*						
749 Superbike			116076*						
999 Superbike			116076*						
1098 Superbike			116076*						
1100 Multistrada			116076*						
1000 DS Multistrada			116076*						
1098 S Superbike			116076*						
1100 S Multistrada			116076*						
749 S Superbike			116076*						
999 S Superbike			116076*						
GT 1000			116076*						
GT 1000 Touring			116076*						
Monster 1000			116076*						
Monster 1000 S Multistrada			116076*						
Monster S2R 1000			116076*						
Monster S4R			116076*						
Monster S4RS			116076*						
PS1000LE			116076*						
Sport 1000			116076*						
Sport 1000S			116076*						
Sport Touring ST3			116076*						
Sport Touring ST3 ABS			116076*						
Sport Touring ST4			116076*						
Sport Touring ST4S			116076*						
Sport Touring ST4S ABS			116076*						
SS1000 Supersport			116076*						
<b>Eagle</b>									
<b>PASSENGER CARS US</b>									
2000 2.0 GTX		01.91- 01.93	110802	14	75	01.91- 01.93	110811	12	1.2
		01.91- 01.93	110804	14	90				
2000 2.0 GTX 4x4		01.92- 01.92	110802	14	75	01.92- 01.92	110811	12	1.2
		01.92- 01.92	110804	14	90				
Premier 2.5 LX						01.88- 01.89	111490	12	1.4
Premier 3.0 ES		01.88- 01.92	112447	14	105				
Premier 3.0 Limited		01.91- 01.92	112447	14	105				
Premier 3.0 LX		01.88- 01.92	112447	14	105				
Summit 1.5		01.91- 01.92	110659	14	75	01.91- 01.92	110958	12	0.9
						01.91- 01.92	110158	12	1.2
Summit 1.5 DL		01.89- 01.96	110659	14	75	01.89- 01.96	110158	12	1.2
						01.91- 01.96	110958	12	0.9
Summit 1.5 ES		01.91- 01.96	110659	14	75	01.91- 01.96	110158	12	1.2
						01.91- 01.96	110958	12	0.9
Summit 1.5 ESI						01.95- 01.96	110958	12	0.9
						01.95- 01.96	110158	12	1.2
Summit 1.5 LX		01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
Summit 1.6 LX		01.89- 01.90	110802	14	75	01.89- 01.90	110811	12	1.2
Summit 1.8		01.92- 01.93	111375	14	75				
Summit 1.8 DL		01.92- 01.96	111375	14	75				
Summit 1.8 ES		01.93- 01.96	111375	14	75				
Summit 1.8 ESI		01.94- 01.95	111375	14	75				
Summit 1.8 LX		01.92- 01.96	111375	14	75				
Summit 2.4		01.93- 01.96	111376	14	75	01.92- 01.94	110158	12	1.2
		01.92- 01.92	110802	14	75	01.95- 01.96	110811	12	1.2
Summit 2.4 DL		01.93- 01.96	111376	14	75	01.92- 01.94	110158	12	1.2
		01.92- 01.92	110802	14	75	01.95- 01.96	110811	12	1.2



Summit 2.4 LX		01.93- 01.96	111376	14	75	01.92- 01.94	110158	12	1.2
		01.92- 01.92	110802	14	75	01.95- 01.96	110811	12	1.2
Talon 1.8 DL						01.93- 01.94	110158	12	1.2
						01.93- 01.94	110958	12	0.9
Talon 2.0	[EBG]	01.93- 01.97	110802	14	75	01.93- 01.97	110811	12	1.2
	[ECF]	01.96- 01.97	111530#	14	90				
		01.90- 01.92	110804	14	90	01.90- 01.92	110811	12	1.2
		01.90- 01.92	110802	14	75				
		01.98- 01.98	111530#	14	90				
Talon 2.0 ES		01.93- 01.94	110802	14	75	01.93- 01.94	110811	12	1.2
Talon 2.0 ESI	[ECF]	01.96- 01.98	111530#	14	90				
		01.95- 01.95	111530#	14	90				
Vista 2.0	[G63B]	01.89-	110659	14	75				
		01.89-	112531	14	60				
Vista 2.0 4x4		01.90-	110659	14	75				
		01.90-	112531	14	60				
<b>Eicher</b>									
<b>AGRICULTURE</b>									
330 2.0 Diesel	[EDK 2-9]	10.77- 12.80	111649	14	33				
3026 5.9 Diesel	[EDL 6-1]	03.82- 03.97	111649	14	33				
		03.82-	112098	14	65				
3028 5.9 Diesel	[EDL 6-5]	09.83-	112098	14	65				
3030 5.9 Diesel	[EDL 6-6]	09.83-	112098	14	65				
3357 3.0 Diesel	[EDL 3-8]	03.82- 12.87	111649	14	33				
3358 3.0 Diesel	[EDL 3-8]	03.82- 12.87	111649	14	33				
3457 3.0 Diesel	[EDL 3-9]	03.82- 12.87	111649	14	33				
3458 3.0 Diesel	[EDL 3-9]	03.82- 12.87	111649	14	33				
3559 3.9 Diesel	[EDL 4-4]	01.84- 01.99	111649	14	33				
3560 3.9 Diesel	[EDL 4-4]	01.84- 01.99	111649	14	33				
3659 3.9 Diesel	[EDL 4-5]	01.84- 01.99	111649	14	33				
3660 3.9 Diesel	[EDL 4-6]	01.84- 01.99	111649	14	33				
3257 S 3.0 Diesel	[EDL 3-7]	01.83- 12.87	111649	14	33				
3258 A AS 3.0 Diesel	[EDL 3-7]	03.82- 12.87	111649	14	33				
635 K KA 1.9 Diesel	[EDL 2-2]	01.86- 01.01	111649	14	33				
642 K KA 1.9 Diesel	[EDL 2-4]	01.86- 01.01	111649	14	33				
645 K KA 2.9 Diesel	[EDL 3-6]	01.86- 01.01	111649	14	33				
648 V VA 2.9 Diesel	[EDL 3-7.2]	01.87- 01.02	111649	14	33				
666 P.PA 2.9 Diesel	[EDL 3-9.1]	01.87- 01.02	111649	14	33				
666 V VA 2.9 Diesel	[EDL 3-9.1]	01.86- 01.01	111649	14	33				
680 P PA 3.9 Diesel	[EDL 4-5.1]	01.87- 01.02	111649	14	33				
Various models		01.77- 11.87	111649	14	33	01.75-	110565	12	2.8
						01.75-	110819	12	2.8
						01.72-	110439	12	2.0
<b>ERF</b>									
<b>TRUCKS EU</b>									
E6 6.0	[Cummins B]					01.88-	111574	12	2.8
<b>Evinrude</b>									
<b>MARINE</b>									
E20E						01.85- 01.95	112156	12	
						01.85- 01.95	111043	12	0.6
E25E						01.85- 01.98	111043	12	0.6
E25EL						01.81- 01.98	111043	12	0.6
E25TE						01.80- 01.98	111043	12	0.6
E25TEL						01.80- 01.98	111043	12	0.6
E28ESL						01.87- 01.96	111043	12	0.6
E30E						01.84- 01.98	111043	12	0.6
E30EL						01.84- 01.98	111043	12	0.6
E30TE						01.85- 01.98	111043	12	0.6
E30TEL						01.85- 01.98	111043	12	0.6
E35E						01.80- 01.84	111043	12	0.6
E35EL						01.80- 01.84	111043	12	0.6
E35TEL						01.83- 01.84	111043	12	0.6
E40E EL						01.89- 01.97	110647	12	0.6
E40TE TEL						01.89- 01.98	110647	12	0.6
E40TL TTL						01.89- 01.98	110647	12	0.6
E48ESL						01.87- 01.96	110647	12	0.6
E50BE BEL						01.89- 01.95	110647	12	0.6
E50DTL						01.95- 01.98	110647	12	0.6
E50EL						01.95- 01.97	110647	12	0.6
E50TEL						01.89- 01.95	110647	12	0.6
E50TL						01.89- 01.97	110647	12	0.6
E50TTL						01.95- 01.98	110647	12	0.6
Various models							110647	12	0.6
							112156	12	
							111043	12	0.6
<b>Evobus</b>									
<b>TRUCKS EU</b>									
S 415 GT 12.0	[OM457.941]					10.03-	113608	24	6.2
	[OM457.944]					10.03-	113608	24	6.2
S 415 GT-HD 12.0	[OM457.941]					10.03-	113608	24	6.2
	[OM457.944]					10.03-	113608	24	6.2
S 416 GT-HD 12.0	[OM457.944]					10.03-	113608	24	6.2
	[OM457.953]					10.03-	113608	24	6.2
S 417 GT-HD 12.0	[OM457.944]					10.03-	113608	24	6.2
	[OM457.953]					10.03-	113608	24	6.2
<b>Fahr</b>									
<b>AGRICULTURE</b>									
M1000 Series		01.80- 12.87	112736	14	65				
		06.74- 12.80	112097	28	30				
		02.79- 12.81	110641	14	33				
M2000 Series		01.79- 12.87	112736	14	65				
M600 Series		02.79- 12.87	110641	14	33				
M700 Series		02.79- 12.87	110641	14	33				
M900 Series		02.79- 12.87	110641	14	33				

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

<b>Farymann</b>									
<b>MARINE</b>									
Various models			110127	14	70			112496	12 2.0
			110048	14	35			113381	12 2.5
<b>MOTORS</b>									
Various models								113381	12 2.5
								112496	12 2.0
<b>Faw Toyota</b>									
<b>PASSENGER CARS AO</b>									
Land Cruiser 4.0 4x4	[1GR-FE]	10.03-	116090*	14	100				
<b>Faw-Audi</b>									
<b>PASSENGER CARS AO</b>									
A4 3.2		01.09-	115913	14	150				
A6L 2.8 Quattro		06.09- 12.11	115919	14	150				
<b>Fendt</b>									
<b>AGRICULTURE</b>									
204 3.8 Diesel	[F4L 912]	02.79- 08.88	110641	14	33		09.86- 12.91	110536	12 2.7
							01.92-	112555	12 3.1
205 4.0 Diesel	[F4L 912]	02.79- 08.88	110641	14	33				
600 5.7 Diesel	[D227-6]	02.78-	112196	14	143 A49		02.78-	111332	12 2.7
			114004	14	150				
			115987	14	143				
610 5.7 Diesel	[D226-6]	02.78-	112196	14	143 A49		02.78-	111332	12 2.7
			114004	14	150				
			115987	14	143				
611 6.2 Diesel	[D226-6]	02.76-	112196	14	143 A49		02.76-	111332	12 2.7
			114004	14	150				
			115987	14	143				
612 6.2 Diesel	[D226-6]	02.76-	112196	14	143 A49		02.76-	111332	12 2.7
			114004	14	150				
			115987	14	143				
614 6.2 Diesel	[TD226-6]	02.78-	112196	14	143 A49		02.78-	111332	12 2.7
			114004	14	150				
			115987	14	143				
615 6.2 Diesel	[TD226-6]	02.78-	112196	14	143 A49				
			114004	14	150				
			115987	14	143				
820 Diesel	[F3L912..]						06.93-	112494	24 4.0
105S 4.2 Diesel	[D226-4]						02.77- 02.92	111332	12 2.7
200 Series 2.8 Diesel	[F3L912]	02.79- 08.88	110077	14	50		02.74- 12.91	110536	12 2.7
		02.79- 08.88	110641	14	33		02.74-	116086	12 2.7 A49
		09.88-	110881	14	55		10.92-	112555	12 3.1
204 P 204 V 3.8	[F4L912]	01.74- 12.96	110641	14	33		01.74- 12.96	116086	12 2.7 A49
		01.74- 12.96	110881	14	55		01.74- 12.96	110536	12 2.7
204 PA 204 VA 3.8	[F4L912]	01.74- 12.96	110641	14	33		01.74- 12.96	116086	12 2.7 A49
		01.74- 12.96	110881	14	55		01.74- 12.96	110536	12 2.7
300 SERIES 4.2 Diesel	[D226..]	02.80- 08.04	112196	14	143 A49		02.80-	111332	12 2.7
		02.80-	114004	14	150				
		02.80-	115987	14	143				
626 LS 11.4 Diesel	[D2566ME]	02.82- 02.97	112196	14	143 A49				
		02.82-	114004	14	150				
		02.82-	115987	14	143				
800 Series 6.9 Diesel	[D286..]						06.93-	113353	24 4.0
900 Series							01.93-	113353	24 4.0
Various models	[TCD2013]		114192	14	200			114838	12 4.5 MI
								114475	12 4.0
			114735	14	150			116086	12 2.7 A49
			111978	14	120				
								110536	12 2.7
							01.68- 12.74	112039	12 2.7
								112555	12 3.1
<b>Fermec</b>									
<b>AGRICULTURE</b>									
860 865 960 965 640B 650B 3.9 Diesel		01.99-	115848	14	95				
<b>Ferrari</b>									
<b>PASSENGER CARS EU</b>									
208 2.0 Turbo	[F106D..]	06.82- 10.89	111620	14	65				
		GTB/GTS 01.86- 10.89	113187	14	85				
328 3.2 GTB	[F105C..]						09.85- 09.89	111694	12 1.8
400 4.8 i	[F101..]	05.79- 03.85	110912	14	55				
412 4.9 I	[F101E..]	04.85- 12.88	111620	14	65				
F 40 3.0	[F120A]	02.88- 06.92	111620	14	65				
		04.88- 06.92	113187	14	85				
Mondial 2.9	[F106B..]	07.80- 09.83	111620	14	65				
Mondial 3.4 T	[F119D]						01.89- 12.93	111694	12 1.8
<b>AGRICULTURE</b>									
86 2.5 Diesel	[LDA 833]	06.80-	111662	14	33		09.89- 02.92	112034	12 1.7
91 0.4	[6LD400]						03.92- 09.04	112171	12 1.1
92 0.5	[3LD350]						09.89- 02.92	112034	12 1.7
							03.92- 09.04	112171	12 1.1
93		09.89-	111662	14	33				
94		09.89-	111662	14	33				
95 1.3 Diesel	[8LD665.2]	11.88-	111662	14	33				
96 2.7 Diesel	[5LD 824-3]	09.89-	111662	14	33				
305 0.4	[6LD400]						09.89- 02.92	112034	12 1.7
							03.92- 09.04	112171	12 1.1
305 0.5	[6L360]						09.89- 02.92	112034	12 1.7
							03.92- 09.04	112171	12 1.1
306 0.4	[6LD400]						09.89- 02.92	112034	12 1.7
							03.92- 09.04	112171	12 1.1
307 0.4	[6LD400]						10.90- 02.92	112034	12 1.7
							02.92-	112171	12 1.1
718 0.7	[7LD665]						06.80- 12.83	113268	12 1.6





792 0.4	[6LD400]					09.89- 02.92	112034	12 1.7
						03.92- 09.04	112171	12 1.1
794 0.4	[6LD400]					09.89- 02.92	112034	12 1.7
						03.92- 09.04	112171	12 1.1
1100 1.1 Diesel	[9LD 561]	12.85-	111662	14 33		12.85-	112172	12 1.6
1300 1.3 Diesel	[8LD665.2]	12.85-	111662	14 33		12.85-	112172	12 1.6
40 WDT 1.6 Diesel	[LDW1503]	04.91-	111168	14 55		04.91-	110844	12 2.2
72S 0.7	[7LD665]					01.71-	112171	12 1.1
						01.71-	113268	12 1.6
95 RS 1.7 Diesel	[5LD 825.2]	11.88-	111662	14 33				
95 RS 1.9 Diesel	[11LD 625.3]		111662	14 33				
96 RS 1.9 Diesel	[11LD 625.3]	09.89-	111662	14 33				
<b>Fiat</b>								
<b>PASSENGER CARS EU</b>								
124 1.2 1200	[124A.000]	08.71- 07.75	110912	14 55				
124 1.4 1400 Special	[124B2.000]	10.68- 07.75	110611	14 55				
		10.68- 07.75	110912	14 55				
124 1.4 1400 Special T	[132A.000]	10.68- 07.75	110611	14 55				
		10.68- 07.75	110912	14 55				
124 1.6 1600 Spider Sport	[132AC.000]	11.69- 08.73	110912	14 55				
		04.70- 08.73	110611	14 55				
124 1.6 1600 Sport	[132AC.000]	01.69- 12.74	110611	14 55				
		01.69- 12.75	110912	14 55				
125 1.6	[125A.000]	07.71- 12.72	110912	14 55				
125 1.6 Special	[125B.000]	07.71- 12.72	110912	14 55				
126 0.7 700 Bambino	[126A2.000]	09.87- 06.91	111035	14 65				
	[126A2.048]	09.87- 06.91	111035	14 65				
127 0.9	[100GL.000]	06.78- 05.83	111078	14 45		01.79-	111118	12 0.9
						06.71- 05.83	110365	12 0.8
	[100GL.048]	06.78- 05.83	111078	14 45		06.71- 05.83	110365	12 0.8
						01.79-	111118	12 0.9
127 1.0	[127A.000]	04.77- 05.83	111180	14 33				
127 1.0 Panorama	[127A.000]	04.77- 05.86	111180	14 33				
127 1.0 Sport	[127A1.000]	06.78- 11.81	110899	14 33				
		06.78- 11.81	111180	14 33				
127 1.3 Diesel	[127A5.000]					07.82- 12.86	111118	12 0.9
127 1.3 Diesel Panorama	[127A6.000]					06.83- 12.86	111118	12 0.9
128 1.1 1100	[128A.000]					09.69- 12.84	110338	12 0.8
		09.69- 10.78	110899	14 33				
		09.69- 12.84	111180	14 33				
	[128A.048]	09.69- 12.79	110899	14 33		09.69- 12.84	110338	12 0.8
		09.69- 09.81	111180	14 33				
	[128AC5.000]	03.72- 12.79	110899	14 33		03.72- 02.81	110338	12 0.8
		03.72- 02.81	111180	14 33				
128 1.3 1300	[128A1.000]	01.71- 04.76	110899	14 33		03.69- 12.84	110338	12 0.8
		01.71- 12.84	111180	14 33				
	[128AC.000]	11.71- 12.75	110899	14 33		11.71- 12.75	110338	12 0.8
		11.71- 12.75	111180	14 33				
128 1.3 1300 Berlinetta	[128AC.000]	06.75- 12.79	110899	14 33		06.75- 12.79	110338	12 0.8
		06.75- 12.79	111180	14 33				
128 1.3 1300 Rally	[128AR000]	09.71- 02.76	110899	14 33		09.71- 02.76	110338	12 0.8
128 1.3 1300 Sport	[128A1.000]	03.69- 10.78	110899	14 33		03.69- 12.84	110338	12 0.8
		10.78- 12.84	111180	14 33				
130 3.2 3200	[130B.000]	09.71- 03.77	110611	14 55				
131 1.3 Mirafiori	[131A.000]	10.74- 12.82	110350	14 44				
	[131A6.000]	10.74- 09.81	110912	14 55				
		10.74- 09.81	111138	14 45				
131 1.3 Mirafiori Panorama	[131A.000]	03.75- 03.82	110912	14 55				
		03.75- 03.82	111138	14 45				
131 1.3 Panorama Mirafiori	[131A6.000]	10.74- 01.84	110912	14 55				
		11.76- 01.84	111138	14 45				
131 1.3 Super Mirafiori	[131B.000]	10.74- 01.84	110912	14 55		03.78- 12.80	110814	12 2.7
		11.76- 01.84	111138	14 45				
131 1.4 Mirafiori	[131C.000]	11.80- 01.84	110912	14 55		11.80- 01.84	110352	12 1.3
		11.80- 01.84	111138	14 45				
	[131C1.000]	11.80- 01.84	110912	14 55		11.80- 01.84	110352	12 1.3
		11.80- 01.84	111138	14 45				
131 1.4 Super Mirafiori	[131C1.000]	10.74- 01.84	110912	14 55		01.81- 12.83	110352	12 1.3
		11.76- 01.84	111138	14 45				
131 1.6 1600	[131A1.000]	10.74- 09.81	110912	14 55		10.74- 06.80	110352	12 1.3
		10.74- 09.81	111138	14 45				
	[131C2.000]	10.74- 01.84	110912	14 55		11.76- 12.84	110814	12 2.7
		11.76- 12.84	111138	14 45				
131 1.6 1600 Panorama	[131C2.000]	11.80- 01.84	110912	14 55				
		11.80- 01.84	111138	14 45				
131 1.6 1600 Super	[131C3.000]	03.78- 01.84	110912	14 55		03.78- 06.80	110352	12 1.3
		03.78- 01.84	111138	14 45				
131 1.6 Panorama	[131A1.000]	03.75- 12.78	110912	14 55		03.75- 12.78	110352	12 1.3
		03.75- 12.78	111138	14 45				
131 1.6 Panorama Super	[131C3.000]	12.79- 12.81	110912	14 55				
		12.79- 12.81	111138	14 45				
131 1.6 Super Mirafiori	[131B1.000]	10.74- 01.84	110912	14 55		03.79- 06.80	110352	12 1.3
		11.76- 01.84	111138	14 45				
131 2.0 2000 Racing	[131B2.000]	06.78- 12.81	110912	14 55		06.78- 08.79	110352	12 1.3
		06.78- 12.81	111138	14 45				
131 2.0 2000 Super	[131C4.000]	01.81- 01.84	110912	14 55		01.81- 12.84	110814	12 2.7
		01.81- 01.84	111138	14 45				
131 2.0 Diesel	[8144.65]	03.78- 01.84	110882	14 45		03.78- 01.84	110812	12 2.0
		03.78- 01.84	110890	14 55				
		03.78- 01.84	111686	14 65				
131 2.0 Diesel Panorama	[8144.65]					07.78- 08.84	110812	12 2.0
131 2.5 Diesel	[8144.61]	03.78- 02.84	110882	14 45		06.78- 02.84	110812	12 2.0
		03.78- 02.84	110890	14 55		06.78- 02.84	110814	12 2.7
		03.78- 02.84	111686	14 65				

## STARTERS & ALTERNATORS

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FIAT Continued

131 2.5 Diesel 2500 Super Mirafiori	[8144.61]	08.78- 01.84	110882	14 45	08.78- 01.84	110812	12 2.0	
		08.78- 01.84	110890	14 55				
		08.78- 01.84	111686	14 65				
132 1.6 1600	[132BBOAO]	04.72- 05.81	110912	14 55				
		11.76- 05.81	111138	14 45				
		[132C.000]	05.72- 05.81	110912				14 55
		11.76- 05.81	111138	14 45				
132 1.7 1700	[132B1.000]	03.77- 12.81	110912	14 55				
		03.77- 12.81	111138	14 45				
		11.75- 01.77	110912	14 55				
132 1.8 1800 GLS	[132B1.000]	11.76- 01.77	111138	14 45				
		02.74- 12.75	110912	14 55				
132 1.8 1800 Special	[132B1.000]	02.74- 12.75	111138	14 45				
		04.72- 01.74	110912	14 55				
132 2.0 2000	[132C2.000]	04.72- 01.74	111138	14 45				
		05.72- 06.81	110912	14 55				
132 2.0 i.e. 2000	[132C3.000]	11.76- 06.81	111138	14 45				
		01.80- 05.81	110912	14 55				
		01.80- 05.81	111138	14 45				
132 2.0 Diesel	[8144.65]	03.78- 07.82	110882	14 45	07.78- 07.82	110812	12 2.0	
		03.78- 07.82	110890	14 55				
		03.78- 05.81	111686	14 65				
132 2.5 Diesel	[8144.61]	03.78- 07.82	110882	14 45	07.78- 07.82	110812	12 2.0	
		03.78- 07.82	110890	14 55				
		03.78- 05.81	111686	14 65				
500 0.9	[199B6.000]	10.13-	114806	14 120	10.13-	113962	12 0.9	
		10.13-	115457	14 120	10.13-	116024	12 1.1	
		10.13-	115874	14 120 A49				
		[312A2.000]	07.10-	114806	14 120	07.10-	116024	12 1.1
			07.10-	115874	14 120 A49			
		[312A4.000]	09.12-	114806	14 120	09.12-	113962	12 0.9
500 1.0	[312A4.000]	09.12-	115457	14 120	09.12-	116024	12 1.1	
		09.12-	115874	14 120 A49				
		[312A5.000]	12.13-	114806	14 120	12.13-	113962	12 0.9
500 1.2	[169A4.000]	12.13-	115874	14 120 A49	12.13-	116024	12 1.1	
		12.13-	115874	14 120 A49				
		12.13-	115874	14 120 A49				
500 1.2 LPG	[169A4.000]	10.07-	113535	14 85	10.07-	113962	12 0.9	
		10.07-	114462	14 70				
		10.07-	115615	14 105				
		10.07-	115647	14 90				
500 1.2 Multijet	[169A4.000]	12.10-	114462	14 70	12.10-	113962	12 0.9	
		12.10-	115620	14 105	A25 12.10-	115312	12 1.1	
		12.10-	115647	14 90				
500 1.3 Multijet	[169A1.000]	10.07-	113721	14 75				
		AC 10.07-	113722	14 90 A49				
		AC 10.07-	114451	14 105				
		AC 10.07-	115963	14 90				
		[199B1.000]	12.09-	115852	14 105	12.09-	115400	12 1.4
500 1.4	[169A3.000]	AC 12.09-	115346	14 120				
		10.07-	113535	14 85	10.07-	113962	12 0.9	
		10.07-	114462	14 70				
		10.07-	115615	14 105				
500 1.4 Abarth	[312A1.000]	10.07-	115647	14 90				
		08.08-	116089*	14 120	08.08-	113962	12 0.9	
		[312A3.000]	05.10-	116089*	14 120	05.10-	113962	12 0.9
		[312A9.000]	08.08-	116089*	14 120	08.08-	113962	12 0.9
900 0.9 Panorama	[100GF.000]				09.80- 12.84	110522	12 3.0	
900 0.9 Pulmino	[100GF.000]				09.80- 12.84	110522	12 3.0	
124 Spider 1.4	[55253268]				03.16-	113962	12 0.9	
238-Series 1.4	[131AZ000]	01.69- 10.77	110611	14 55				
		06.76- 12.77	110912	14 55				
		01.78- 06.82	111078	14 45				
		[131BZ0C0]	06.80- 06.82	111078	14 45			
		[131FZ]	06.80- 06.82	111078	14 45			
500 C 0.9	[199B6.000]	12.13-	114806	14 120	12.13-	113962	12 0.9	
		12.13-	115457	14 120	12.13-	116024	12 1.1	
		12.13-	115874	14 120 A49				
		[312A2.000]	09.09-	114806	14 120	09.09-	116024	12 1.1
			09.09-	115874	14 120 A49			
		[312A4.000]	09.12-	114806	14 120	09.12-	113962	12 0.9
500 C 1.2	[169A4.000]	09.12-	115457	14 120	09.12-	116024	12 1.1	
		09.12-	115874	14 120 A49				
		12.13-	115457	14 120	12.13-	113962	12 0.9	
500 C 1.3 Multijet	[169A1.000]	12.13-	115874	14 120	12.13-	116024	12 1.1	
		09.09-	114462	14 70	09.09-	113962	12 0.9	
		09.09-	114706	14 120	A25 09.09-	115312	12 1.1	
		09.09-	115615	14 105				
		09.09-	115620	14 105				
500 C 1.4	[169A3.000]	09.09-	115647	14 90				
		09.09-	113535	14 85	09.09-	113962	12 0.9	
		09.09-	114462	14 70	A25 09.09-	115312	12 1.1	
		09.09-	115615	14 105				
500 C 1.4 Abarth	[312A1.000]	09.09-	115620	14 105				
		09.09-	115647	14 90				
		05.11-	116089*	14 120	05.11-	113962	12 0.9	
500L 0.9	[199B6.000]	09.09-	114451	14 105	09.09-	113962	12 0.9	
		09.09-	115963	14 90	09.09-	116024	12 1.1	
500L 0.9 CNG	[312A2.000]	AC 09.09-	115346	14 120				
		09.12-	115852	14 105	09.12-	115400	12 1.4	
500L 0.9 CNG	[312A2.000]	09.12-	115874	14 120				
		03.13-	114806	14 120	03.13-	114806		
		03.13-	115874	14 120 A49	03.13-	115874		
					03.13-	116024	12 1.1	

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500L 1.3 Multijet	[199B4.000]	09.12-	115667	14 120	09.12-	115400	12 1.4
500L 1.4	[843A1.000]	09.12-	114462	14 70	09.12-	113962	12 0.9
	[940B7.000]	10.13-	114806	14 120	10.13-	113962	12 0.9
		10.13-	115874	14 120 A49			
500L 1.4 LPG	[940B7.000]	02.14-	114806	14 120	02.14-	113962	12 0.9
500L 1.6 Multijet	[199B5.000]	09.12-	116094*	14 120	A25 09.12-	115399	12 1.4
	[955A3.000]	09.13-	116094*	14 120			
500X 1.2 Multijet	[55266963]				06.15-	115400	12 1.4
500X 1.4	[55263624]	09.14-	115457	14 120			
500X 1.6 Multijet	[55260384]	09.14-	116094*	14 120	09.14-	115399	12 1.4
500X 2.0 Multijet 4x4	[55263087]	09.14-	116094*	14 120			
	[55263088]	09.14-	116094*	14 120			
Albea 1.2 i.e. 16V	[188A5.000]	01.02-	113718	14 70			
Albea 1.2 i.e. 8V	[188A4.000]	01.02-	113718	14 70			
Albea 1.4	[350A1.000]	01.07-	113718	14 70	01.07-	113962	12 0.9
		01.07-	114462	14 70			
		01.07-	115615	14 105			
		01.07-	115647	14 90			
Argenta 1.6 1600	[132D.000]	06.81- 11.85	110912	14 55			
		06.81- 11.85	111138	14 45			
		ATAC 06.81- 11.85	111620	14 65			
Argenta 1.6 i.e. 1600		AC 06.81- 11.85	111620	14 65			
		04.81- 12.85	110912	14 55			
Argenta 2.0 2000	[132C2.000]	04.81- 12.85	111138	14 45			
		06.81- 11.85	110912	14 55			
Argenta 2.0 2000		06.81- 11.85	111138	14 45			
		ATAC 06.81- 11.85	111620	14 65			
		AT 06.81- 11.85	110912	14 55			
		AC 06.81- 11.85	111620	14 65			
Argenta 2.0 2000 Volumax		06.84- 07.85	110912	14 55			
		06.84- 07.85	111138	14 45			
Argenta 2.0 i.e. 2000	[132C3.000]	06.81- 11.85	110912	14 55			
		06.81- 11.85	111138	14 45			
		ATAC 06.81- 11.85	111620	14 65			
		AT 06.81- 11.85	110912	14 55			
		AC 06.81- 11.85	111620	14 65			
Argenta 2.5 Diesel 2500	[8144.61]	06.81- 11.85	110890	14 55 ▲	06.81- 11.85	110812	12 2.0
		06.81- 11.85	111686	14 65			
		AC 06.81- 11.85	111686	14 65			
Argenta 2.5 TD	[8144.61.500.81]	07.83- 11.85	110890	14 55 ▲	07.83- 11.85	110812	12 2.0
		07.83- 11.85	111686	14 65			
		AC 07.83- 11.85	111686	14 65			
Barchetta 1.8 16V	[183A1.000]	04.95-	111413	14 90	04.95-	111685	12 1.4
		04.95- 09.00	113942	14 100			
	[188A6.000]	AC 04.95-	111409	14 100			
		10.00-	113942	14 100	09.00-	111685	12 1.4
		Eng. -2988825 04.95-	111413	14 90			
AC, Eng. -2988825 04.95-	111409	14 100					
Brava 1.2 16V	[182B2.000]	12.98- 12.02	115476	14 85	12.98-	111422	12 0.8
		AC 12.98- 10.00	115476	14 85	12.98- 12.02	112382	12 0.8
Brava 1.4	[188A5.000]	AC 10.00-	113535	14 85	12.98-	111422	12 0.8
		PS 10.95-	111413	14 90	10.95-	111420	12 0.9
Brava 1.4 12V	[182A3.000]	PS 10.95-	111413	14 90	10.95-	111420	12 0.9
Brava 1.6 16V EL	[182A6.000]	10.95-	111689	14 65	10.95-	112124	12 0.9
		PS 10.95-	111689	14 65			
Brava 1.6 16V SX	[182A4.000]	02.96-	111689	14 65	02.96-	112124	12 0.9
		PS 02.96-	111689	14 65	AT 10.98-	112445	12 1.1
		AC 11.98-	112190	14 90			
Brava 1.6					182A... AT 10.95-	111420	12 0.9
Brava 1.8 16V GT	[182A2.000]	10.95- 10.01	113939	14 100	10.95-	111685	12 1.4
		10.95- 10.01	113942	14 100			
		11.98- 01.01	111409	14 100			
		AC 12.95- 01.01	111409	14 100			
Brava 1.9 Diesel	[160A7.000]	10.95-	111416	14 65			
Brava 1.9 JTD	[182B4.000]	12.98-	111409	14 100	12.98-	113430	12 1.8
		12.98-	113336	14 120			
		12.98- 10.01	113942	14 100			
		12.98- 10.01	113943	14 100			
		[182B9.000]	09.00- 10.01	113943	14 100	09.00- 10.01	113931
AC 09.00- 10.01	113336	14 120		09.00- 10.01	113430	12 1.8	
Brava 1.9 TD	[182A7.000]	03.96- 10.01	113939	14 100	03.96-	113430	12 1.8
		[182A8.000]	03.96- 10.01	113939	14 100	03.96-	113430
Bravo 1.2 16V	[182B2.000]	12.98- 10.01	115476	14 85	12.98-	111422	12 0.8
		AC 12.98- 10.00	115476	14 85	12.98- 10.01	112382	12 0.8
		[188A5.000]	AC 10.00-	113535	14 85	12.98-	111422
Bravo 1.4	[182A3.000]	PS 10.95-	111413	14 90	10.95-	111420	12 0.9
		[182A5.000]	PS 10.95-	111413	14 90	10.95-	111420
Bravo 1.4 16V	[192B2.000]	04.07-	114462	14 70	04.07-	113962	12 0.9
		[198A7.000]	03.08-	114806	14 120	03.08-	113962
Bravo 1.4 T-Jet	[198A1.000]	03.08-	115874	14 120 A49			
		09.07-	114806	14 120	09.07-	113962	12 0.9
		09.07-	115874	14 120 A49			
Bravo 1.4 LPG	[198A4.000]	09.07-	114462	14 70	09.07-	113962	12 0.9
		09.07-	114806	14 120			
		09.07-	115874	14 120 A49			
		11.09-	114462	14 70	A25 11.09-	115312	12 1.1
Bravo 1.6	[182A6.000]	10.95-	111689	14 65	10.95-	112124	12 0.9
		PS 10.95-	111689	14 65	11.98-	112445	12 1.1
Bravo 1.6 SX	[182A4.000]	03.96-	111689	14 65	AT 10.98-	112445	12 1.1
		PS 03.96-	111689	14 65	03.96-	112124	12 0.9
		AC 11.98-	112190	14 90			
Bravo 1.6 Multijet	[198A2.000]	03.08-	113996	14 140	03.08-	113931	12 1.7
		03.08-	114493	14 100			
	[198A3.000]	03.08-	113996	14 140	03.08-	113931	12 1.7
		03.08-	114493	14 100	03.08-	113430	12 1.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





FIAT Continued

	[199A6.000]	03.08-	114493	14 100		03.08-	113931	12 1.7
	[955A4.000]	11.08-	113996	14 140		11.08-	113931	12 1.7
		11.08-	114493	14 100				
Bravo 1.8 GT	[182A2.000]	10.95- 10.01	113939	14 100		10.95-	111685	12 1.4
Bravo 1.9 Diesel	[160A7.000]	10.95-	111416	14 65				
Bravo 1.9 JTD	[182B4.000]	12.98-	111409	14 100		12.98-	113430	12 1.8
		12.98-	113336	14 120				
		12.98- 10.01	113942	14 100				
		12.98- 10.01	113943	14 100				
	[182B9.000]	09.00- 10.01	113943	14 100		09.00- 10.01	113931	12 1.7
		AC 09.00- 10.01	113336	14 120		09.00- 10.01	113430	12 1.8
Bravo 1.9 Multijet	[192A1.000]	11.06-	113336	14 120		11.06-	113430	12 1.8
		11.06-	114494	14 90				
	[192A8.000]	04.07-	114494	14 90				
	[192B5.000]	04.07- 12.08	114494	14 90				
	[937A5.000]	04.07-	114204	14 120		04.07-	113931	12 1.7
Bravo 1.9 TD	[182A7.000]	03.96- 10.01	113939	14 100		03.96-	113430	12 1.8
Bravo 2.0 20V	[182A1.000]					10.95-	111685	12 1.4
	[182B7.000]					07.98-	111685	12 1.4
Bravo 2.0 Multijet	[198A5.000]	09.08-	113996	14 140				
		09.08-	114493	14 100				
	[844A2.000]	09.08-	114493	14 100				
Campagnola 2.0	[6132AZ2.000]	06.74- 10.89	110912	14 55				
		06.79- 10.86	110890	14 55				
Campagnola 2.4 Diesel	[Sofim-8144.61.200]	06.74- 10.89	110890	14 55		06.74- 10.89	111693	12 2.5
Cinquecento 0.9	[170A1.000]	07.91- 12.93	111687	14 55		07.91- 12.93	111585	12 0.8
Cinquecento 0.9 i.e.	[1170A1.000]					07.91- 07.98	111585	12 0.8
	[1170A1.046]	07.91- 07.98	111687	14 55		07.91- 07.98	111585	12 0.8
	[170A1.046]	07.91- 12.93	111687	14 55		07.91- 12.93	111585	12 0.8
Cinquecento 1.1 Sporting	[176B2.000]	10.94-	113471	14 65		10.94-	111422	12 0.8
		10.94- 01.98	113533	14 65				
		AC 10.94-	113471	14 65 ▲				
Coupe 1.8 16V	[183A1.000]	03.96-	111409	14 100		03.96-	111685	12 1.4
		03.96- 08.00	113942	14 100				
Coupe 2.0 16V	[836A3.000]	03.94- 09.96	111620	14 65		03.94-	110854	12 1.4
Coupe 2.0 20V	[182A1.000]					08.96- 04.98	111685	12 1.4
	[182B3.000]					04.98-	111685	12 1.4
Coupe 2.0 Turbo 16V	[175A1.000]	03.94- 09.96	111620	14 65		03.94-	110854	12 1.4
Coupe 2.0 Turbo 20V	[175A3.000]					08.96-	111685	12 1.4
Croma 1.6	[154A.048]	12.85- 06.90	110912	14 55		12.85- 02.89	112455	12 1.4
		12.85- 06.90	111620	14 65 ▲				
		12.85- 06.90	113187	14 85				
Croma 1.8 16V	[939A4.000]	12.05-	114431	14 120		12.05-	114298	12 1.1
Croma 1.9 Multijet	[939A1.000]	06.05-	113996	14 140		06.05-	113931	12 1.7
		06.05-	114204	14 120				
	[939A2.000]	06.05-	113996	14 140		06.05-	113430	12 1.8
		06.05-	114204	14 120				
	[939A7.000]	06.05-	113955	14 105		06.05-	113931	12 1.7
		06.05-	113996	14 140				
		06.05-	114801	14 105 A46				
	[939A8.000]	12.05-	113955	14 105		12.05-	113931	12 1.7
		12.05-	114493	14 100				
		12.05-	114801	14 105 A46				
Croma 1.9 TD	[154C6.000]	03.88- 10.92	111620	14 65		11.92- 12.96	112537	12 2.2
		05.89- 10.92	113187	14 85				
		AC 03.88- 10.92	112771	14 90				
Croma 1.9 TDDi	[154D1.000]	03.88- 12.96	111620	14 65		11.92- 12.96	112537	12 2.2
		AC 11.92- 12.96	112771	14 90				
Croma 2.0 2000 CHT	[154A1.000]	12.85- 01.87	110912	14 55		12.85- 02.89	112455	12 1.4
		12.85- 02.89	111620	14 65				
		12.85- 02.89	113187	14 85				
	[154C5.000]	01.91- 09.92	111620	14 65		01.91- 09.92	112455	12 1.4
Croma 2.0 16V	[154E1.000]	08.92- 03.98	112681	14 80		08.92-	112455	12 1.4
Croma 2.0 i.e. Turbo	[834C.146]	11.86- 09.90	111620	14 65				
		AC 11.86- 07.90	112453	14 85				
Croma 2.0 i.e. Turbo 2000	[154A2.000]	12.85- 09.90	111620	14 65		AT 12.85- 06.90	112455	12 1.4
		12.85- 09.90	112453	14 85				
		AC 12.85- 06.90	112453	14 85				
	[154C4.046]	10.90- 08.96	111620	14 65		10.90- 11.91	112455	12 1.4
	[834C.146]	06.87- 09.90	111620	14 65		AT 06.87- 09.90	112455	12 1.4
		AC 06.87- 07.90	112453	14 85				
Croma 2.0 i.e. 2000	[154C3.000]	03.87- 09.90	113187	14 85		03.87- 09.92	112455	12 1.4
	[154C3.046]	10.87- 08.96	111620	14 65		AT 10.87- 12.91	112455	12 1.4
		10.87- 09.90	113187	14 85				
		AC 10.87- 07.90	112453	14 85				
	[834B.000]	03.87- 09.92	111620	14 65		AT 03.87- 09.90	112455	12 1.4
		03.87- 09.90	113187	14 85				
		AC 03.87- 09.92	112453	14 85				
	[834B.048]	03.86- 09.90	111620	14 65		AT 03.86- 09.90	112455	12 1.4
		03.86- 09.90	113187	14 85				
		AC 03.86- 09.90	112453	14 85				
	[834B.146]	10.87- 09.90	113187	14 85				
		11.92- 08.96	111620	14 65				
Croma 2.2 16V	[194A1.000]					06.05-	115360	12 1.4
Croma 2.4 Multijet	[939A3.000]	06.05-	114749	14 150		06.05-	114234*	12
Croma 2.5 Diesel	[8144.67]	12.85- 12.89	111686	14 65				
		12.85- 12.89	112453	14 85				
		AC 12.85- 12.89	112453	14 85				
Croma 2.5 TD	[8144.975]	12.91- 08.96	111686	14 65		12.91- 08.96	112541	12 2.2
		AC 12.91- 08.96	112453	14 85				
Croma 2.5 TD 2500	[8144.91.2000]	12.85- 08.89	111686	14 65				
		12.85- 12.96	112453	14 85				
		AC 12.85- 08.89	112453	14 85				
	[8144.97]	12.85- 12.96	112453	14 85				
		05.89- 08.96	111686	14 65				
DB9 Coupe 1.2 Multijet	[330A1.000]	03.16-	115346	14 120		03.16-	115400	12 1.4

## STARTERS & ALTERNATORS



Doblo 1.2 i.e. 8V	[223A5.000]	03.01-	111411	14 75		03.01-	114123	12 0.8	
		03.01-	115664*	14 75					
		03.01-	115665*	14 75					
		04.02-	114899	14 70					
		PS 03.01-	113537	14 65					
		AC 03.01-	111505	14 75					
Doblo 1.2 JTD 16V	[188A9.000]	09.05- 12.06	113722	14 90		09.05- 12.06	113719	12 1.3	
		09.05- 12.06	114451	14 105		12.04- 05.05	115869	12 1.3 A49	
Doblo 1.2 Multijet	[199A3.000]	02.10-	113721	14 75		02.10-	113719	12 1.3	
		02.10-	115852	14 105		02.10-	115869	12 1.3 A49	
		A18 02.10-	113722	14 90 A49					
		A18 02.10-	115963	14 90					
	[225A2.000]	03.16-	115346	14 120		03.16-	115400	12 1.4	
	[263A2.000]	02.10-	112721	14 55		02.10-	113719	12 1.3	
		02.10-	115852	14 105		02.10-	115869	12 1.3 A49	
		A18 02.10-	113722	14 90 A49					
		A18 02.10-	115963	14 90					
		[263A6.000]	11.13-	115346	14 120				
		11.13-	115852	14 105					
	[330A1.000]	03.16-	115346	14 120		03.16-	115400	12 1.4	
Doblo 1.3 16V JTD Cargo	[223A9.000]	AC 08.06-	113722	14 90 A49					
		AC 08.06-	114451	14 105					
		AC 08.06-	115963	14 90					
Doblo 1.3 JTD 16V	[188A8.000]	05.04-	113721	14 75		05.04-	113719	12 1.3	
		AC 05.04-	113722	14 90 A49		05.04-	115869	12 1.3 A49	
		AC 05.04-	114451	14 105					
		AC 05.04-	115963	14 90					
	[188A9.000]	05.04-	113721	14 75		05.04-	113719	12 1.3	
		AC 05.04-	113722	14 90 A49		05.04-	115869	12 1.3 A49	
AC 05.04-		114451	14 105						
	AC 05.04-	115963	14 90						
Doblo 1.3 Multijet	[199A2.000]	10.05-	115668	14 90		10.05-	113719	12 1.3	
		AC 10.05-	113722	14 90 A49		10.05-	115869	12 1.3 A49	
		AC 10.05-	114451	14 105					
		AC 10.05-	115963	14 90					
	[199A3.000]	02.10-	113721	14 75		02.10-	115400	12 1.4	
		02.10-	115852	14 105					
		AC 02.10-	113722	14 90 A49					
		AC 02.10-	115963	14 90					
	[223A9.000]	AC 10.05-	113722	14 90 A49		10.05-	113719	12 1.3	
		AC 10.05-	114451	14 105		10.05-	115869	12 1.3 A49	
AC 10.05-		115963	14 90						
	[263A2.000]	02.10-	115852	14 105					
Doblo 1.4	[198A4.000]	10.11-	114806	14 120		10.11-	113962	12 0.9	
		10.11-	115874	14 120 A49		A25 10.11-	115312	12 1.1	
	[350A1.000]	10.05-	114462	14 70		10.05-	113962	12 0.9	
		10.05-	115647	14 90					
	[843A1.000]	02.10-	113535	14 85		02.10-	113962	12 0.9	
		02.10-	114462	14 70		A25 02.10-	115312	12 1.1	
		02.10-	115615	14 105					
		02.10-	115620	14 105					
		02.10-	115647	14 90					
		04.10-	114706	14 120					
Doblo 1.4 Cargo	[843A1.000]	02.10-	113535	14 85		02.10-	113962	12 0.9	
		02.10-	114462	14 70		A25 02.10-	115312	12 1.1	
		02.10-	114706	14 120					
		02.10-	115620	14 105					
		02.10-	115647	14 90					
Doblo 1.4 Cargo Natural Power	[198A4.000]	06.10-	114806	14 120		A25 06.10-	115312	12 1.1	
		06.10-	115874	14 120 A49					
Doblo 1.4 Natural Power	[198A4.000]	02.10-	114806	14 120		A25 02.10-	115312	12 1.1	
		02.10-	115874	14 120 A49					
Doblo 1.4	[198A4.000]	06.10-	114806	14 120		06.10-	113962	12 0.9	
		06.10-	115874	14 120 A49					
Doblo 1.6	[182B6.000]					09.02-	112445	12 1.1	
						09.02-	114035	12 1.3	
Doblo 1.6 i.e. 16V	[182B6.000]	10.01-	112190	14 90		10.01-	112445	12 1.1	
						10.01-	114035	12 1.3	
Doblo 1.6 16V Multijet	[263A4.000]	02.10-	114493	14 100		A25 02.10-	115399	12 1.4	
						A25 02.10-	115399	12 1.4	
Doblo 1.6 16V Multijet Cargo	[198A3.000]	02.10-	114493	14 100		02.10-	113931	12 1.7	
						A25 02.10-	115399	12 1.4	
Doblo 1.6 Multijet	[198A3.000]	02.10-	114493	14 100		02.10-	115399	12 1.4	
						A25 02.10-	115399	12 1.4	
	[263A3.000]	02.10-	114493	14 100		02.10-	113931	12 1.7	
						A25 02.10-	115399	12 1.4	
		[263A4.000]	02.10-	114493	14 100		03.16-	115399	12 1.4
			02.10-	114493	14 100		02.10-	113931	12 1.7
	[263A7.000]	03.15-	114493	14 100		A25 02.10-	115399	12 1.4	
	[940C1.000]	03.15-	114493	14 100		03.15-	115399	12 1.4	
Doblo 1.6 Multijet Cargo	[263A3.000]	02.16-	115346	14 120		03.15-	115399	12 1.4	
		02.11-	114493	14 100		02.11-	113931	12 1.7	
		[263A4.000]	02.10-	114493	14 100		A25 02.11-	115399	12 1.4
						02.10-	113931	12 1.7	
						A25 02.10-	115399	12 1.4	
Doblo 1.9 Diesel	[223A6.000]	03.01-	113338	14 65		03.01-	112379	12 1.8 MA	
		03.01-	113943	14 100		03.01-	114321	12 2.0 BO	
Doblo 1.9 JTD	[182B9.000]	10.01-	113943	14 100		10.01-	113430	12 1.8	
						10.01-	113931	12 1.7	
	[223A7.000]	07.03-	113943	14 100		07.03-	113931	12 1.7	
						10.01- 01.02	113430	12 1.8	
		[223B1.000]	07.03-	113943	14 100		07.03-	113931	12 1.7
						10.01- 01.02	113430	12 1.8	
	[223B2.000]	10.01-	113943	14 100		10.01-	113931	12 1.7	
Doblo 1.9 Multijet	[186A9.000]	10.05-	113943	14 100		10.05-	113931	12 1.7	
Doblo 2.0 Multijet	[263A1.000]	02.10-	114493	14 100		02.10-	116045*	12 1.4	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

FIAT Continued

Ducato 1.8	[169B]				01.82- 12.90	110793	12	0.9
					01.82- 12.90	111066	12	1.05
	[XM7T]				07.82- 12.88	111066	12	1.05
Ducato 1.9 Diesel	[149B1.000]	01.88- 03.94	110912	14 55	01.88- 03.94	111421	12	2.2
	[230A2.000]	03.94- 04.02	111802	14 75	03.94- 04.02	111421	12	2.2
	[D9B]	04.98- 04.02	112298	14 80	04.98- 04.02	111070	12	1.7
	[D9B (XUD9A)]	04.98- 04.02	112298	14 80	04.98- 04.02	111070	12	1.7
	[DJY]	04.98-	112230	14 80	04.98- 04.02	111070	12	1.7
		04.98-	112298	14 80				
Ducato 1.9 Diesel Combinato	[230A2.000]	06.95-	111802	14 75	06.95-	111421	12	2.2
Ducato 1.9 Diesel Panorama	[149B1.000]	02.87- 08.90	110890	14 55	02.87- 03.94	111421	12	2.2
		02.87- 03.94	110912	14 55				
		02.87- 08.90	111686	14 65				
		07.90- 03.94	111418	14 60				
		07.90- 03.94	115873	14 55	A49			
Ducato 1.9 TD	[230A3.000]	03.94-	111802	14 75	03.94-	111421	12	2.2
	[230A4.000]	08.94-	111802	14 75	08.94-	111421	12	2.2
	[280A1.000]	03.89- 03.94	110890	14 55	03.89- 03.94	111421	12	2.2
		03.89- 03.94	110912	14 55				
		03.89- 03.94	111418	14 60				
		03.89- 03.94	111686	14 65				
		03.89- 03.94	115873	14 55	A49			
		01.90- 01.94	113187	14 85				
	[DHX (XUD9TF/L)]	04.98-	111723	14 70	04.98-	111070	12	1.7
		04.98-	112230	14 80	04.98- 04.02	114460	12	1.4
	04.98-	112298	14 80					
Ducato 1.9 TD Panorama	[280A1.000]	03.89- 03.94	110890	14 55	03.89- 03.94	111421	12	2.2
		03.89- 08.90	110912	14 55				
		03.89- 03.94	111686	14 65				
		01.90- 03.94	113187	14 85				
		07.90- 03.94	111418	14 60				
	07.90- 03.94	115873	14 55	A49				
Ducato 2.0	[170B]				07.85- 02.94	111066	12	1.05
	[170D]				08.88- 03.94	111066	12	1.05
	[RFL]	04.02- 07.06	112298	14 80	04.02- 07.06	111130	12	1.1
		04.02-	112299	14 95	04.02- 07.06	113443	12	1.4
		04.02- 07.06	112772	14 120				
	[RFW (XU10J2U)]	03.94-	112298	14 80	03.94- 03.95	111130	12	1.1
		03.94-	112299	14 95	A13 03.94- 04.02	113443	12	1.4
		AC 03.94- 04.02	112772	14 120				
		AC 06.98-	112299	14 95				
		[XN1T]				01.82- 02.94	111066	12
Ducato 2.0 Panorama	[170B]				01.86- 08.90	111066	12	1.05
	[170D]				09.88- 02.94	111066	12	1.05
	[XN1T]				07.82- 05.85	111066	12	1.05
Ducato 2.0 BioPower Bipower	[RFL]	04.02-	112772	14 120	04.02-	111130	12	1.1
					04.02-	113443	12	1.4
Ducato 2.0 JTD	[RHV (DW10)]	07.01- 04.02	112480	14 90	07.01- 04.02	114460	12	1.4
		07.01- 04.02	113503	14 120	04.02-	111070	12	1.7
		10.01-	112461	14 150				
		10.01- 04.02	113640	14 150				
		10.01- 04.02	113946	14 90				
		04.02-	112460	14 150				
		AC 10.01-	113503	14 120				
	AC 10.01- 04.02	113640	14 150					
Ducato 2.0 Multijet 115	[250A1.000]	06.11-	114493	14 100				
Ducato 2.2 Multijet	[4HV]	07.06-	113958	14 150	07.06-	113959	12	2.0
		07.06-	115499	14 150	A49 07.06-	115510	12	2.0
Ducato 2.3 JTD	[F1AE0481C]	04.02-	113279	14 110	04.02-	112436	12	2.3
		04.02-	114765	14 140	04.02-	113935	12	2.5
					01.05-	115501	12	2.5
	[F1AE0481T]	12.09-	114306	14 180	12.09-	113935	12	2.5
					12.09-	115501	12	2.5
Ducato 2.3 Multijet	[F1AE0481D]	03.06-	113279	14 110	M38 Transmission type 03.06-	114054	12	2.5
		07.06-	114306	14 180	07.06-	114145	12	2.3
		07.06-	114765	14 140	03.06-	115516	12	2.5
		07.06-	115955	14 150	07.06-	114833	12	1.7
	[F1AE0481N]	01.07-	113279	14 110	M38 Transmission type 01.07-	114054	12	2.5
		01.07-	114306	14 180	01.07-	114145	12	2.3
		01.07-	114765	14 140	01.07-	115516	12	2.5
		01.07-	115955	14 150				
	[F1AE3481D]	01.07-	113279	14 110	M38 Transmission type 01.07-	114054	12	2.5
		01.07-	114306	14 180	01.07-	114145	12	2.3
		01.07-	114765	14 140	01.07-	114833	12	1.7
		01.07-	115955	14 150	01.07-	115516	12	2.5
	[F1AE3481E]	04.15-	115455	14 150	04.15-	114054	12	2.5
					04.15-	114833	12	1.7
					04.15-	115516	12	2.5
[F1AE3481G]	10.11-	115455	14 150	10.11-	114054	12	2.5	
				10.11-	114833	12	1.7	
				10.11-	115516	12	2.5	
Ducato 2.3 Multijet 150	[F1AE3481E]	06.11-	114306	14 180	06.11-	114054	12	2.5
					06.11-	114833	12	1.7
					06.11-	115516	12	2.5
	[F1AGL411C]	12.15-	115455	14 150	12.15-	114054	12	2.5
					12.15-	114833	12	1.7
					12.15-	115516	12	2.5
Ducato 2.4 Diesel	[8144.61]	01.82- 12.85	110882	14 45	01.82- 12.85	110812	12	2.0
		01.82- 12.85	110890	14 55				
		01.82- 12.85	111686	14 65				
Ducato 2.4 Diesel Panorama	[8144.61]	07.82- 12.85	110882	14 45	07.82- 12.85	110812	12	2.0
		07.82- 12.85	110890	14 55				
		07.82- 12.85	111686	14 65				
Ducato 2.4 TD 4x4	[8144.21]	01.86- 08.90	110890	14 55	01.86- 08.90	113846	12	2.2

## STARTERS & ALTERNATORS





Ducato 2.5 Diesel	[8140.67]	03.94-	111498	14	110	03.94- 04.02	113451	12	2.2
		03.94- 04.02	112681	14	80				
		Eng. -2976897 03.94-	111498	14	110				
		Eng. -2976897 03.94-	112681	14	80				
		AC 03.94- 12.99	111498	14	110				
[8144.67]	01.86- 08.90	110882	14	45	01.86- 03.94	110812	12	2.0	
	01.86- 03.94	110890	14	55	07.82- 08.90	113846	12	2.2	
	01.86- 03.94	111686	14	65					
[CRD93L]						01.82- 08.90	110812	12	2.0
						01.82- 08.90	113846	12	2.2
Ducato 2.5 Diesel 4x4	[8140.67]	03.94- 04.02	111498	14	110	Chas. -5546596 03.94- 04.02	113451	12	2.2
		03.94- 04.02	112681	14	80				
		Eng. -2976897 03.94-	111498	14	110				
		Eng. -2976897 03.94-	112681	14	80				
		AC 03.94- 12.99	111498	14	110				
[8144.67]	03.89- 08.90	110890	14	55	03.89- 03.94	110812	12	2.0	
	03.89- 03.94	111418	14	60	03.89- 03.94	113846	12	2.2	
	03.89- 08.90	111686	14	65					
	03.89- 03.94	115873	14	55	A49				
Ducato 2.5 Diesel Panorama	[8144.67]	01.86- 03.94	110890	14	55	01.86- 03.94	110812	12	2.0
		01.86- 03.94	111686	14	65				
[CRD93L]						01.86- 08.90	110812	12	2.0
Ducato 2.5 Diesel Panorama 4x4	[8144.67]	01.87- 03.94	110890	14	55	01.87- 03.94	110812	12	2.0
		01.87- 03.94	111686	14	65				
Ducato 2.5 TD	[8140.27]	07.90- 03.94	110890	14	55	07.90- 03.94	113846	12	2.2
		07.90- 03.94	111686	14	65				
		01.86- 08.90	110882	14	45				
	01.86- 08.90	110890	14	55	01.86- 08.90	113846	12	2.2	
	01.86- 08.90	111686	14	65					
Ducato 2.5 TD 4x4	[8140.27]	07.90- 03.94	110890	14	55	07.90- 03.94	113846	12	2.2
		07.90- 03.94	111418	14	60				
		07.90- 03.94	111686	14	65				
		07.90- 03.94	115873	14	55				
Ducato 2.5 TD Panorama	[8140.27]	08.90- 03.94	110890	14	55	08.90- 03.94	113846	12	2.2
		08.90- 03.94	111686	14	65				
		01.87- 08.90	110890	14	55				
	01.87- 08.90	111686	14	65	01.87- 08.90	113846	12	2.2	
Ducato 2.5 TD Panorama 4x4	[8140.27]	01.91- 03.94	110890	14	55	01.91- 03.94	113846	12	2.2
		01.91- 03.94	111686	14	65				
		01.86- 08.90	110890	14	55				
	01.86- 08.90	111686	14	65	01.86- 08.90	113846	12	2.2	
Ducato 2.5 TDi	[8140.47]	Eng. -2976897 03.94-	111498	14	110	03.00- 04.02	112436	12	2.3
		Eng. -2976897 03.94-	112681	14	80				
		03.94- 04.02	112681	14	80				
		Eng. -2976897 03.94- 04.02	111498	14	110				
		Eng. -2976897 03.94- 04.02	112681	14	80				
[8140.47R]	AC 03.94- 12.99	111498	14	110	03.94- 04.02	113451	12	2.2	
Ducato 2.5 TDi 4x4	[8140.47]	Eng. -2976897 03.94- 04.02	111498	14	110	Chas. -5546596 03.94- 04.02	113451	12	2.2
		Eng. -2976897 03.94- 04.02	112681	14	80				
Ducato 2.5 TDi Maxi	[8140.47]	Eng. -2976897 03.94-	111498	14	110	03.00- 04.02	112026	12	2.6
		Eng. -2976897 03.94-	112681	14	80				
Ducato 2.8 Diesel	[8140.63]	02.98- 04.02	114684	14	120	02.98-	112026	12	2.6
		02.98-	111498	14	110				
		02.98-	112681	14	80				
		02.98-	114684	14	120				
		08.98-	111498	14	110				
Ducato 2.8 Diesel 4x4	[8140.63]	08.98-	112681	14	80	08.98-	112436	12	2.3
		08.98- 04.02	114684	14	120				
		05.04-	113247	14	120				
Ducato 2.8 JTD	[8140.43N]	05.04-	113950	14	90	05.04-	112436	12	2.3
		05.04-	114680	14	150				
		11.00-	113247	14	120				
		11.00- 04.02	113950	14	90				
		11.00- 04.02	114680	14	150				
[8140.43S]	11.00- 04.02	113247	14	120	11.00-	112436	12	2.3	
	11.00- 04.02	113950	14	90	04.02-	113935	12	2.5	
	11.00- 04.02	114680	14	150	01.05-	115501	12	2.5	
	11.00- 04.02	113247	14	120	10.01- 04.02	112026	12	2.6	
	11.00- 04.02	113950	14	90	11.00- 04.02	112436	12	2.3	
	11.00- 04.02	114680	14	150	07.02-	113935	12	2.5	
					01.05-	115501	12	2.5	
								A49	
Ducato 2.8 TDi	[8140.43]	10.97- 04.02	114684	14	120	10.97- 03.00	113451	12	2.2
		10.97-	111498	14	110				
		10.97-	112681	14	80				
Ducato 2.8 TDi 4x4	[8140.43]	06.99- 04.02	114684	14	120	07.99- 03.02	112436	12	2.3
		07.99-	111498	14	110				
		07.99-	112681	14	80				
		Eng. -2976897 10.97-	111498	14	110				
		Eng. -2976897 10.97-	112681	14	80				
Ducato 3.0 140 Natural Power M90	[F1CE0441A]	04.09-	114082	14	180	04.09-	114054	12	2.5
		04.09-	114705	14	140				
		04.09-	115490	14	140				
		04.09-	116043	14	180				
		04.09-	114082	14	180				
Ducato 3.0 Diesel 140 Natural Power	[F1CE0441A]	04.09-	114082	14	180	04.09-	114054	12	2.5
		04.09-	114705	14	140				
		04.09-	115490	14	140				
		04.09-	116043	14	180				
		04.09-	114082	14	180				
	04.09-	114705	14	140	04.09-	115516	12	2.5	
	04.09-	115490	14	140				A49	
	04.09-	116043	14	180					
Ducato 3.0 JTD 160 Multijet Power	[F1CE0481D]	07.06-	114082	14	180	07.06-	114054	12	2.5
		07.06-	114705	14	140				
		07.06-	115452	14	150				
		07.06-	115490	14	140				
		07.06-	116043	14	180				
		07.06-	114082	14	180				
Ducato 3.0 JTD Multijet Power	[F1CE0481D]	07.06-	114082	14	180	07.06-	114054	12	2.5
		07.06-	114705	14	140				
		07.06-	115452	14	150				
		07.06-	115490	14	140				
		07.06-	116043	14	180				
		07.06-	114082	14	180				
	07.06-	114705	14	140	07.06-	115516	12	2.5	
	07.06-	115452	14	150				A49	
	07.06-	115490	14	140					
	07.06-	116043	14	180					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

FIAT Continued

	[F1CE3481M]	07.06-	114082	14 180 A49	07.06-	114054	12 2.5
		07.06-	114705	14 140	07.06-	115516	12 2.5
		07.06-	115452	14 150			
		07.06-	115490	14 140 A49			
		07.06-	116043	14 180			
Ducato 3.0 Multijet	[F1CE3481E]	06.11-	114082	14 180 A49	06.11-	114054	12 2.5
		06.11-	115458	14 150	06.11-	115516	12 2.5 A49
		06.11-	116043	14 180			
Ducato 3.0 Multijet 150	[F1CE3481N]	04.10-	114082	14 180 A49	04.10-	114054	12 2.5
		04.10-	114705	14 140	04.10-	115516	12 2.5 A49
		04.10-	115452	14 150			
		04.10-	115490	14 140 A49			
		04.10-	116043	14 180			
Ducato 3.0 Multijet 160	[F1CE3481M]	07.06-	114082	14 180 A49	07.06-	114054	12 2.5
		07.06-	114705	14 140	07.06-	115516	12 2.5 A49
		07.06-	115452	14 150			
		07.06-	115490	14 140 A49			
		07.06-	116043	14 180			
Ducato 3.0 Natural Power	[F1CE0441A]	04.09-	114705	14 140	04.09-	114054	12 2.5
		04.09-	115490	14 140 A49	04.09-	114075	12
					04.09-	115516	12 2.5 A49
Duna 1.1	[146A6.000]	01.87- 12.91	111035	14 65			
Duna 1.3	[146A5.000]	01.87- 12.91	111035	14 65			
Duna 1.7 Diesel DS	[149B3.000]	01.86- 12.91	110912	14 55	01.87- 12.91	111619	12 1.7
Elba 1.3	[127A2.011]	04.86- 12.93	111035	14 65			
Elba 1.3 Diesel	[127A5.000]	04.86- 10.92	111035	14 65			
Elba 1.5	[149C1.000]	01.92- 12.96	111148	14 65	04.86- 12.96	112289	12 0.8
	[149C3.000]	01.92- 12.96	111035	14 65	01.92- 12.96	112289	12 0.8
Elba 1.6	[159A3.000]				04.89- 12.93	112289	12 0.8
					01.94- 12.96	112289	12 0.8
Elba 1.7 Diesel	[146B2.000]	04.89- 12.96	112719	14 55			
Fiorino 0.9	[100GL.000]	10.77- 10.81	111078	14 45	10.77- 03.81	110365	12 0.8
Fiorino 1.0	[127A.000]	01.78- 12.87	111035	14 65			
		Eng. 1366252-	10.82- 10.87	111035			
Fiorino 1.05	[127A.000]	01.80- 12.87	111180	14 33			
Fiorino 1.1	[146A9.000]	Eng. 3319637-	11.86- 12.93	111035			
	[156A.000]	Eng. 3319637-	09.87- 12.88	111035			
Fiorino 1.2 Multijet	[225A2.000]				03.15-	113719	12 1.3
					03.15-	115400	12 1.4
					03.15-	115869	12 1.3 A49
Fiorino 1.3	[146A5.000]	09.93- 12.01	111035	14 65			
		Eng. 3319637-	12.87- 08.93	111035			
		Chas. 3319637-	01.88- 08.93	111035			
		01.07-	113575	14 80			
Fiorino 1.3 Diesel	[127A5.000]				03.82- 12.88	111118	12 0.9
Fiorino 1.3 Multijet	[199A2.000]	11.07-	113721	14 75	11.07-	113719	12 1.3
		11.07-	115384	14 120	11.07-	115869	12 1.3 A49
		11.07-	115667	14 120			
		11.07-	115668	14 90			
		AC 11.07-	113722	14 90 A49			
		AC 11.07-	115963	14 90			
	[199A9.000]	11.07-	113721	14 75	11.07-	113719	12 1.3
		11.07-	113722	14 90 A49	11.07-	115869	12 1.3 A49
		11.07-	115384	14 120			
		11.07-	115667	14 120			
		11.07-	115668	14 90			
		11.07-	115963	14 90			
	[199B1.000]	10.09-	115346	14 120	A25 10.09-	115400	12 1.4
		10.09-	115852	14 105			
		01.07-	113722	14 90 A49			
		01.07-	115963	14 90			
Fiorino 1.3 Multijet QUBO	[199A2.000]	02.08-	113721	14 75	02.08-	113719	12 1.3
		02.08-	115346	14 120 ND	02.08-	115869	12 1.3 A49
		02.08-	115384	14 120			
		02.08-	115667	14 120			
		02.08-	115668	14 90			
		AC 02.08-	113722	14 90 A49			
		AC 02.08-	115963	14 90			
Fiorino 1.4	[146C5.000]				10.89-	112289	12 0.8
	[146D5.000]				02.98- 12.98	112289	12 0.8
	[350A1.000]	10.09-	113718	14 70	10.09-	110584	12 1.2
	[KFT]	11.07-	113575	14 80	11.07-	110584	12 1.2
					11.07-	111994	12 0.7
	[KfV]	11.07-	113575	14 80	11.07-	110584	12 1.2
					11.07-	111994	12 0.7
Fiorino 1.4 QUBO	[KFT]	02.08-	113575	14 80	02.08-	110584	12 1.2
					02.08-	111994	12 0.7
	[KfV]	02.08-	113575	14 80	02.08-	110584	12 1.2
					02.08-	111994	12 0.7
Fiorino 1.4 Natural Power	[350A1.000]				01.10-	113962	12 0.9
Fiorino 1.5	[149C1.000]	01.88- 08.93	111035	14 65	01.88- 08.93	112289	12 0.8
		01.88- 08.93	111148	14 65			
Fiorino 1.5 i.e.	[149C1.000]	05.88- 12.93	111035	14 65	05.88- 12.93	112289	12 0.8
		05.88- 12.93	111148	14 65			
Fiorino 1.6	[146C6.000]				10.93- 12.96	112289	12 0.8
	[146D6.000]				06.95-	112289	12 0.8
Fiorino 1.7 Diesel	[146B2.000]	05.88- 12.97	112719	14 55	05.88- 12.97	111619	12 1.7
					09.93- 12.01	113752	12 1.8
	[149B2.000]	01.88-	112719	14 55	01.88- 10.91	111619	12 1.7
	[149B3.000]	12.87- 12.91	110912	14 55	12.87- 10.91	111619	12 1.7
		12.87- 12.93	112719	14 55			
Fiorino 1.7 TD	[146D7.000]	01.97-	110912	14 55 ▲	01.97- 05.01	111619	12 1.7
		01.97- 05.01	111568	14 85	01.97- 05.01	113752	12 1.8
		01.97- 05.01	112719	14 55			
Freemont 2.0 JTD	[939B5.000]	08.11-	115679	14 130			
	[940A5.000]	08.11-	115679	14 130			

## STARTERS & ALTERNATORS



Freemont 2.0 JTD 4x4	[939B5.000]	08.11-	115679	14 130				
Grande Punto 1.2	[169A4.000]	09.10-	114462	14 70		09.10-	113962 12 0.9	
		09.10-	115647	14 90				
	[199A.4000]	10.05-	113718	14 70		10.05-	113962 12 0.9	
		10.05-	114462	14 70				
		10.05-	115615	14 105				
		10.05-	115620	14 105				
Grande Punto 1.2 LPG	[199A4.000]	07.08-	114462	14 70				
		07.08-	115615	14 105				
		07.08-	115647	14 90				
Grande Punto 1.2 Multijet	[199A2.000]	04.08-	113721	14 75		04.08-	113719 12 1.3	
						04.08-	115869 12 1.3 A49	
	[199B2.000]	07.08-	114451	14 105		07.08-	113719 12 1.3	
						07.08-	115869 12 1.3 A49	
Grande Punto 1.3 Multijet	[199A2.000]	10.05-	113720	14 75 A49		10.05-	113719 12 1.3	
		10.05-	113721	14 75		10.05-	115869 12 1.3 A49	
		10.05-	114451	14 105				
		10.05-	116064	14 75				
		AC 10.05-	113722	14 90 A49				
		AC 10.05-	115963	14 90				
		[199A3.000]	10.05-	113720	14 75 A49		10.05-	113719 12 1.3
			10.05-	113721	14 75		10.05-	115869 12 1.3 A49
			10.05-	114451	14 105			
			10.05-	116064	14 75			
			AC 10.05-	113722	14 90 A49			
			AC 10.05-	115963	14 90			
	[199B4.000]	04.10-	115384	14 120		04.10-	115400 12 1.4	
		04.10-	115667	14 120				
	[223A9.000]	04.10-	115384	14 120		04.10-	115400 12 1.4	
		04.10-	115667	14 120				
Grande Punto 1.4	[310A2.011]					04.08-	114123 12 0.8	
	[350A1.000]	10.05-	113718	14 70		10.05-	113962 12 0.9	
Grande Punto 1.4 16V	[198A1.000]	09.07-	114806	14 120		09.07-	113962 12 0.9	
		09.07-	115874	14 120 A49				
	[199A6.000]	10.05-	114462	14 70				
Grande Punto 1.4 T-Jet	[198A4.000]	09.07-	114462	14 70		09.07-	113962 12 0.9	
		09.07-	114806	14 120				
		09.07-	115874	14 120 A49				
Grande Punto 1.4 Natural Power	[350A1.000]	07.08-	113718	14 70		07.08-	113962 12 0.9	
		07.08-	114462	14 70				
		07.08-	115615	14 105				
		07.08-	115620	14 105				
Grande Punto 1.4 LPG	[350A1.000]	12.08-	114462	14 70		12.08-	113962 12 0.9	
		03.09-	113718	14 70				
Grande Punto 1.4 Natural Power	[350A1.000]	03.09-	113535	14 85		03.09-	113962 12 0.9	
		03.09-	115615	14 105				
		03.09-	115620	14 105				
Grande Punto 1.6 Multijet	[955A3.000]	07.08-	113996	14 140		07.08-	113931 12 1.7	
		07.08-	114493	14 100				
Grande Punto 1.9 Multijet	[199A5.000]	10.05-	114204	14 120		10.05-	113430 12 1.8	
						10.05-	113931 12 1.7	
		[939A1.000]	10.05-	114204	14 120		10.05-	113430 12 1.8
						10.05-	113931 12 1.7	
		[939A7.000]	06.06-	114493	14 100		06.06-	113931 12 1.7
Idea 1.2 16V	[188A5.000]	AC 01.04-	113535	14 85		01.04-	113962 12 0.9	
Idea 1.2 Multijet	[199B1.000]	05.08-	113722	14 90 A49		05.08-	113719 12 1.3	
		05.08-	115963	14 90		05.08-	115869 12 1.3 A49	
		A25 05.08-	115346	14 120				
Idea 1.3 JTD	[188A9.000]	01.04-	113721	14 75		01.04-	113719 12 1.3	
		AC 01.04-	113722	14 90 A49		01.04-	115869 12 1.3 A49	
		AC 01.04-	114451	14 105				
		AC 01.04-	115963	14 90				
Idea 1.3 Multijet	[199A3.000]	10.05-	113721	14 75		10.05-	113719 12 1.3	
		AC 10.05-	113722	14 90 A49		10.05-	115869 12 1.3 A49	
		AC 10.05-	114451	14 105				
		AC 10.05-	115963	14 90				
Idea 1.4	[192B2.000]	12.03-	114462	14 70		12.03-	113962 12 0.9	
		10.05-	113718	14 70		10.05-	113962 12 0.9	
	[350A1.000]	10.05-	114462	14 70				
Idea 1.4 16V	[843A1.000]	01.04-	114462	14 70		01.04-	113962 12 0.9	
		AC 01.04-	113535	14 85				
Idea 1.4 LPG	[350A1.000]	03.09-	114462	14 70				
Idea 1.6 Multijet	[350A2.000]	05.08-	114493	14 100		05.08-	113931 12 1.7	
	[350A3.000]	11.08- 12.10	114493	14 100		11.08- 12.10	113931 12 1.7	
Idea 1.9 JTD	[188B2.000]	01.04-	113336	14 120		01.04-	113931 12 1.7	
		01.04-	113943	14 100				
		01.04-	114494	14 90				
Linea 1.3 Multijet	[199A3.000]	06.07-	113721	14 75		06.07-	113843 12 1.1	
		06.07-	115852	14 105				
		AC 06.07-	113722	14 90 A49				
		AC 06.07-	114451	14 105				
		AC 06.07-	115963	14 90				
Linea 1.4	[198A1.000]	09.10-	114806	14 120		09.10-	113962 12 0.9	
		09.10-	115874	14 120 A49				
		[350A1.000]	06.07-	113535	14 85		06.07-	113962 12 0.9
			06.07-	114462	14 70			
			06.07-	115615	14 105			
			06.07-	115647	14 90			
Linea 1.4 T-Jet	[198A4.000]	09.07-	114806	14 120		09.07-	113962 12 0.9	
		09.07-	115874	14 120 A49				
Linea 1.6 Multijet	[198A3.000]	06.09-	113996	14 140		06.09-	113931 12 1.7	
		06.09-	114493	14 100				
Marea 1.2 16V	[182B2.000]	AC 10.98-	115476	14 85		10.98-	111422 12 0.8	
Marea 1.4 i 16V	[182A3.000]	09.96-	111413	14 90		09.96-	111420 12 0.9	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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**FIAT** Continued

Marea 1.6 16V Bipower	[185A3.000]					11.99- 09.02	112445	12	1.1		
		AC 04.99-	112190	14	90	04.99-	112124	12	0.9		
	[186A4.000]					04.99-	112445	12	1.1		
Marea 1.6 16V	[185A3.000]		04.97- 02.99	111689	14	65					
Marea 1.6 i 16V	[182A4.000]		09.96- 02.99	111689	14	65		09.96-	112124	12	0.9
			03.99-	112190	14	90		AT 09.96-	112445	12	1.1
		AC 03.99-	112190	14	90						
Marea 1.8 i 16V	[182A2.000]		09.96-	113939	14	100		09.96-	111685	12	1.4
Marea 1.9 JTD	[182B4.000]		04.99-	111409	14	100		04.99-	113430	12	1.8
			04.99- 01.01	113942	14	100					
			04.99- 01.01	113943	14	100					
	[186A6.000]		01.01-	111409	14	100		01.01-	113430	12	1.8
			01.01-	113942	14	100					
			01.01-	113943	14	100					
		AC 01.01-	113336	14	120						
Marea 1.9 TD	[182A7.000]		09.96-	113939	14	100		09.96-	113430	12	1.8
	[182A8.000]		09.96-	113939	14	100		09.96-	113430	12	1.8
	[182B9.000]		09.96-	113939	14	100		09.96-	113430	12	1.8
Marea 1.9 TDi	[182A7.000]		09.96-	113939	14	100		09.96-	113430	12	1.8
Marea 2.0 20V	[182A1.000]							09.96-	111685	12	1.4
	[182B7.000]							04.99-	111685	12	1.4
	[185A8.000]							01.01-	111685	12	1.4
Marea 2.0 i 20V	[182A1.000]							09.96-	111685	12	1.4
	[182B7.000]							04.99-	111685	12	1.4
Marea 2.4 JTD	[185A6.000]							03.99-	113430	12	1.8
	[839A5.000]							03.99-	113430	12	1.8
Marea 2.4 TD	[185A2.000]		09.96- 04.99	113942	14	100					
			AC 09.96-	111409	14	100					
Marengo 1.9 Diesel	[160A7.000]		02.90- 12.96	112771	14	90					
			01.93- 12.96	113187	14	85					
Marengo 1.9 JTD	[182B4.000]							03.99- 09.02	113430	12	1.8
	[186A6.000]		08.00- 09.02	113943	14	100		08.00- 09.02	113430	12	1.8
		AC 08.00- 09.02	113336	14	120						
Marengo 1.9 TD	[160A6.000]		02.90- 12.96	112771	14	90					
	[182A7.000]							01.97- 02.99	113430	12	1.8
	[182A8.000]							03.99- 09.02	113430	12	1.8
Multipla 1.6 16V Bipower	[186A4.000]		04.99-	112190	14	90		04.99-	112445	12	1.1
			AC 04.99-	112190	14	90					
Multipla 1.6 16V	[182A4.000]		04.99-	112190	14	90		04.99-	112445	12	1.1
			AC 04.99-	112190	14	90					
Multipla 1.6 16V Bipower	[182B6.000]		10.01-	112190	14	90		10.01-	112445	12	1.1
			AC 10.01-	112190	14	90					
Multipla 1.6 16V GPL	[182B6.000]		10.01- 06.10	112190	14	90		10.01- 06.10	112445	12	1.1
								10.01- 06.10	114035	12	1.3
Multipla 1.6 16V Blpower	[182B6.000]		04.02- 12.10	112190	14	90		04.02-	112445	12	1.1
	[186A3.000]		04.99-	112190	14	90		04.99-	112445	12	1.1
		AC 04.99-	112190	14	90						
Multipla 1.9 JTD	[182B4.000]		04.99-	111409	14	100		04.99-	113430	12	1.8
			04.99-	113942	14	100					
			04.99-	113943	14	100					
	[186A6.000]		03.01-	111409	14	100		03.01-	113430	12	1.8
			03.01- 07.02	113942	14	100					
			03.01- 07.02	113943	14	100					
		AC 03.01-	113336	14	120						
	[186A8.000]		07.02-	113943	14	100		07.02-	113430	12	1.8
	[186A9.000]		04.02-	113943	14	100		04.02-	113931	12	1.7
Palio 1.0	[178A1.000]		04.96-	111416	14	65	▲	04.96-	114123	12	0.8
			ACPS 04.96-	111416	14	65		04.96-	111025	12	0.8
Palio 1.2	[176A8.000]		06.98-	111411	14	75		06.98-	112382	12	0.8
			06.98-	111505	14	75		06.98-	114123	12	0.8
			06.98-	113537	14	65					
	[178B5.000]		04.96- 02.01	111411	14	75	▲	06.98- 09.01	112382	12	0.8
			04.96-	111416	14	65	▲	04.96- 02.01	114123	12	0.8
			09.97- 09.01	114899	14	70					
			06.98-	111505	14	75					
			06.98-	113537	14	65					
		PS 04.96-	111416	14	65						
		PS 04.96- 02.01	113537	14	65						
		ACPS 04.96- 02.01	111505	14	75						
		AC 04.96-	111568	14	85						
	[178C4.066]		02.01-	111505	14	75		02.01-	112382	12	0.8
			02.01-	113537	14	65					
	[178E2.000]		01.97- 12.02	111411	14	75		06.98- 10.02	114123	12	0.8
			PS 01.97- 12.02	113537	14	65		06.98-	112382	12	0.8
		ACPS 01.97- 12.02	111505	14	75						
	[188A4.000]		PS 02.01- 09.01	113537	14	65		02.01- 09.01	112382	12	0.8
			AC 02.01- 09.01	111505	14	75					
Palio 1.2 Biopower	[178E9.011]							01.04- 12.05	114123	12	0.8
Palio 1.2 Flexfuel	[188A4.000]		07.97- 08.02	113718	14	70					
Palio 1.2 LPG	[188A4.000]		07.97- 08.02	113718	14	70					
Palio 1.4	[178B2.000]		04.96-	111689	14	65	▲	04.96- 05.99	112124	12	0.9
	[178B2.016]		04.96-	111689	14	65	▲	04.96- 05.99	112124	12	0.9
Palio 1.5	[178A5.011]		04.96- 06.98	111416	14	65	▲				
Palio 1.6 16V	[178B3.000]		04.96-	111689	14	65		04.96-	112124	12	0.9
			04.96-	112190	14	90		04.96-	112455	12	1.4
		AC 11.99-	112190	14	90						
	[182B6.000]		02.01-	111689	14	65		02.01-	112445	12	1.1
			AC 02.01-	112190	14	90					
Palio 1.7 TD	[176A3.000]		04.96-	111416	14	65		04.96- 03.01	111619	12	1.7
			AC 04.96-	111568	14	85					
Palio 1.9 Diesel	[223A6.000]		03.01-	113338	14	65		03.01-	112379	12	1.8
								03.01-	114321	12	2.0
Panda 0.7 650	[141A.000]		01.82-	110882	14	45					
Panda 0.8	[100GL6000]		02.81- 12.85	111078	14	45		02.81- 12.85	110365	12	0.8
	[141B.000]		01.86- 07.92	111078	14	45		01.86- 01.95	110365	12	0.8
			01.86- 01.95	111621	14	55		01.86- 01.95	111025	12	0.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



	[156A4.000]	01.86- 12.92	111036	14 45		01.86- 12.97	111025	12 0.8
		01.95- 12.97	111621	14 55				
	[156A4.048]	01.95- 12.97	111621	14 55		01.95- 12.97	111025	12 0.8
Panda 0.9	[100GL.3000]	09.82- 12.85	111078	14 45		09.82- 12.85	110365	12 0.8
	[1170A1.046]	04.92- 10.96	111078	14 45		04.92- 09.03	111585	12 0.8
		10.96- 09.03	111687	14 55				
	[146A.000]					09.86-	110365	12 0.8
	[312A2.000]	02.12-	115457	14 120		02.12-	116024	12 1.1
	[312A5.000]	12.13-	115457	14 120		12.13-	116024	12 1.1
Panda 0.9 4x4	[312A2.000]	09.12-	115457	14 120		09.12-	116024	12 1.1
	[312A7.000]	06.14-	115457	14 120		06.14-	116024	12 1.1
Panda 0.9 CNG	[312A2.000]	07.12-	114806	14 120		07.12-	116024	12 1.1
		07.12-	115457	14 120				
Panda 0.9 Natural Power	[312A2.000]	01.15-	114806	14 120		01.15-	116024	12 1.1
		01.15-	115874	14 120 A49				
Panda 1.0	[156A.3000]	01.85- 12.92	113533	14 65		09.86- 12.92	111025	12 0.8
		07.90- 12.92	111621	14 55				
		07.90- 12.92	113471	14 65				
	[156A2.100]	03.89- 06.90	111036	14 45		01.86- 04.92	111025	12 0.8
		07.90- 04.92	111621	14 55				
	[156A3.100]	03.89- 06.90	111036	14 45		01.86- 02.92	111025	12 0.8
	[312A4.000]	02.12-	115457	14 120		02.12-	116024	12 1.1
	[A112B1.054]	09.82- 08.83	111078	14 45		09.82- 08.83	110365	12 0.8
Panda 1.0 4x4	[156A2.100]	03.89- 06.90	111036	14 45		01.86- 06.90	111025	12 0.8
	[156A3.000]	07.90- 12.92	111621	14 55		01.86- 12.92	111025	12 0.8
	[156A3.100]	03.89- 06.90	111036	14 45		01.86- 06.90	111025	12 0.8
	[A112B1.054]	09.83- 12.85	111078	14 45		09.83- 12.85	110365	12 0.8
Panda 1.0 i.e.	[141C2.000]	10.87- 08.98	113533	14 65		01.95- 03.97	111025	12 0.8
		01.95- 09.03	111621	14 55		10.87- 08.98	114123	12 0.8
		01.95- 09.03	113471	14 65 ▲				
	[156A2.246]	10.87- 02.04	113533	14 65		10.87- 08.98	114123	12 0.8
		07.90- 03.97	111036	14 45		10.87- 03.97	111025	12 0.8
		07.90- 03.97	111621	14 55				
		07.90- 03.97	113471	14 65 ▲				
Panda 1.0 i.e. 4x4	[141C2.000]	01.95- 09.03	113471	14 65		05.86- 12.94	111025	12 0.8
						05.86- 12.94	114123	12 0.8
	[156A2.246]	07.90- 05.91	111621	14 55		10.87- 05.91	111025	12 0.8
	[176B2.000]	02.95-	111621	14 55		02.95-	111025	12 0.8
		02.95-	113471	14 65 ▲		02.95- 07.04	114123	12 0.8
		02.95- 07.04	113533	14 65				
Panda 1.1	[187A.1000]	09.03-	111411	14 75		09.03-	113962	12 0.9
		Eng. -2533528 09.03-	114899	14 70				
		Eng. 2533528- 09.03-	114462	14 70				
		AC 09.03-	113718	14 70				
	[187A1.000]	09.04-	113535	14 85		09.04-	113962	12 0.9
		09.04-	114462	14 70		09.04-	114123	12 0.8
		09.04-	114899	14 70				
Panda 1.1 4x4 trekking	[156C.046]	10.91-	111621	14 55		10.91- 09.97	111025	12 0.8
		10.91-	113471	14 65 ▲		10.91- 07.04	114123	12 0.8
		10.91- 07.04	113533	14 65				
Panda 1.1 Selecta	[156C.046]	05.91- 12.99	113533	14 65		03.92- 09.97	111025	12 0.8
		03.92- 03.97	111621	14 55		05.91- 12.99	114123	12 0.8
		01.95- 09.03	113471	14 65 ▲				
	[176B2.000]	02.95-	111621	14 55		AT 02.95-	111025	12 0.8
		02.95-	113471	14 65 ▲		02.95- 09.03	114123	12 0.8
		02.95- 09.03	113533	14 65				
	[187A1.000]	02.95- 09.03	113533	14 65		02.95- 09.03	114123	12 0.8
Panda 1.2	[169A4.000]	09.10-	113535	14 85		09.10-	113962	12 0.9
		02.12-	114706	14 120				
	[188A.4000]	09.03-	111411	14 75		09.03-	113962	12 0.9
		Eng. -2533528 09.03-	114899	14 70				
		Eng. 2533528- 09.03-	114462	14 70				
		AC 09.03-	113718	14 70				
	[188A4.000]	09.04-	114899	14 70		09.04-	113962	12 0.9
		AC 09.04-	113535	14 85				
		AC 09.04-	113718	14 70				
Panda 1.2 4x4	[169A4.000]	09.10-	113718	14 70		09.10-	113962	12 0.9
	[188A4.000]	10.04-	111411	14 75		10.04-	113962	12 0.9
		Eng. -2533528 10.04-	114899	14 70				
		Eng. 2533528- 10.04-	114462	14 70				
		AC 10.04-	113535	14 85				
		AC 10.04-	113718	14 70				
Panda 1.2 LPG	[169A4.000]	06.12-	113535	14 85				
		06.12-	113718	14 70				
Panda 1.2 X	[188A4.000]	09.04-	114899	14 70		09.04-	113962	12 0.9
		AC 09.04-	113535	14 85				
		AC 09.04-	113718	14 70				
Panda 1.2 Natural Power	[169A4.000]	03.10-	113535	14 85		03.10-	113962	12 0.9
Panda 1.2 LPG	[169A4.000]	09.10-	113535	14 85		09.10-	113962	12 0.9
Panda 1.2 Bi-Power	[188A4.000]	01.07-	114462	14 70		01.07-	113962	12 0.9
Panda 1.2 Multijet	[169A1.000]	06.06-	113721	14 75		06.06-	113719	12 1.3
		06.06-	113722	14 90 A49		06.06-	115869	12 1.3 A49
		06.06-	115963	14 90				
	[199B1.000]					04.15-	115400	12 1.4
	[225A2.000]					12.15-	115400	12 1.4
	[312A8.000]					12.15-	115400	12 1.4
	[312B1.000]					04.15-	115400	12 1.4
	[312B2.000]					12.15-	115400	12 1.4
	[330A1.000]					04.15-	115400	12 1.4
Panda 1.2 Multijet 4x4	[199B1.000]					04.15-	115400	12 1.4
	[312A8.000]	06.14-	115384	14 120				
		06.14-	115668	14 90				
	[312B1.000]					04.15-	115400	12 1.4
Panda 1.3 16V Multijet 4x4	[169A1.000]	09.03-	113722	14 90		09.03-	113719	12 1.3
		09.03-	115963	14 90		09.03-	115869	12 1.3

## STARTERS & ALTERNATORS

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Application list

FIAT Continued

	[169A5.000]	09.03-	113722	14 90	09.03-	113719	12 1.3
		09.03-	115963	14 90	09.03-	115869	12 1.3
Panda 1.3 JTD	[169A1.000]	AC 06.06-	113722	14 90 A49			
		AC 06.06-	115963	14 90			
	[188A8.000]	09.03-	113721	14 75	09.03-	115869	12 1.3 A49
		AC 09.03-	113722	14 90 A49	03.04-	113843	12 1.1
		AC 09.03-	115963	14 90	09.03-	113719	12 1.3
	[188A9.000]	09.03-	113721	14 75	09.03-	113719	12 1.3
		AC 09.03-	113722	14 90 A49	09.03-	115869	12 1.3 A49
		AC 09.03-	115963	14 90			
Panda 1.3 JTD 4x4	[188A8.000]	10.04-	113721	14 75	10.04-	113719	12 1.3
		AC 10.04-	113722	14 90 A49	10.04-	115869	12 1.3 A49
		AC 10.04-	115963	14 90			
	[188A9.000]	10.04-	113721	14 75	10.04-	113719	12 1.3
		AC 10.04-	113722	14 90 A49	10.04-	115869	12 1.3 A49
		AC 10.04-	115963	14 90			
Panda 1.3 Multijet	[199A9.000]	02.12-	115384	14 120	02.12-	115400	12 1.4
		02.12-	115668	14 90			
Panda 1.3 Multijet 4x4	[169A1.000]	01.06-	113721	14 75	01.06-	113719	12 1.3
		AC 01.06-	113722	14 90 A49	01.06-	115869	12 1.3 A49
		AC 01.06-	115963	14 90			
	[199A9.000]	06.12-	115384	14 120	06.12-	114389	12 1.1
		06.12-	115668	14 90	06.12-	115400	12 1.4
Panda 1.4	[169A3.000]				10.06-	113962	12 0.9
Panda 1.4 BiFuel Natural Power	[350A1.000]	01.10-	113718	14 70	01.10-	113962	12 0.9
Panda 1.4 Diesel Bi-Power / Natural Power	[350A1.000]	01.07-	113718	14 70	01.07-	113962	12 0.9
Panda Van 0.9	[312A2.000]	02.12-	115457	14 120	02.12-	116024	12 1.1
	[312A5.000]	12.13-	115457	14 120	12.13-	116024	12 1.1
Panda Van 0.9 4x4	[312A2.000]	09.12-	115457	14 120	09.12-	116024	12 1.1
Panda Van 0.9 Natural Power	[312A2.000]	07.12-	114806	14 120	07.12-	116024	12 1.1
		07.12-	115874	14 120 A49			
Panda Van 1.0	[312A4.000]	02.12-	115457	14 120	02.12-	116024	12 1.1
Panda Van 1.2	[169A4.000]	02.12-	113535	14 85	02.12-	113962	12 0.9
		02.12-	114462	14 70			
Panda Van 1.2 Natural Power	[188A4.000]	01.07- 11.09	113535	14 85	01.07- 11.09	113962	12 0.9
		01.07- 11.09	113718	14 70			
		01.07- 11.09	114462	14 70			
Panda Van 1.2 LPG	[169A4.000]	06.12-	113535	14 85	06.12-	113962	12 0.9
		06.12-	113718	14 70			
	[188A4.000]	04.09-	113535	14 85	04.09-	113962	12 0.9
		04.09-	113718	14 70			
Panda Van 1.2 Multijet	[199A9.000]	02.12-	115384	14 120	02.12-	115400	12 1.4
		02.12-	115668	14 90			
	[225A2.000]				12.15-	115400	12 1.4
	[312B2.000]				12.15-	115400	12 1.4
Panda Van 1.2 Multijet 4x4	[188A8.000]	10.04-	113722	14 90 A49	10.04-	113719	12 1.3
		10.04-	115963	14 90	10.04-	115869	12 1.3 A49
	[188A9.000]	10.04-	113722	14 90 A49	10.04-	113719	12 1.3
		10.04-	115963	14 90	10.04-	115869	12 1.3 A49
	[199A9.000]	06.12-	115384	14 120	06.12-	115400	12 1.4
		06.12-	115668	14 90			
	[225A2.000]				06.14-	115400	12 1.4
Penny Van 1.1	[146A6.000]	01.86- 12.90	111035	14 65	01.86- 12.90	111118	12 0.9
Penny Van 1.3	[146A5.000]	01.86- 12.90	111035	14 65	01.86- 12.90	111118	12 0.9
Penny Van 1.7 Diesel	[149B3.000]	01.86- 12.90	110912	14 55	01.86- 12.90	111619	12 1.7
Premio 1.3	[127A.011]				03.85- 06.92	111118	12 0.9
Punto 0.9	[199B6.000]	07.13-	115457	14 120	07.13-	116024	12 1.1
Punto 0.9 Turbo Twinair Turbo	[312A2.000]	03.12-	115457	14 120	03.12-	116024	12 1.1
Punto 0.9 BiFuel	[312A2.000]	03.12-	115457	14 120	03.12-	116024	12 1.1
Punto 1.1	[176B2.000]	04.96-	111411	14 75	04.96-	111422	12 0.8
		PS 04.96-	113537	14 65			
		ACPS 04.96-	111505	14 75			
Punto 1.1 i.e.	[176A6.000]	01.94-	111411	14 75	01.94-	111422	12 0.8
		PS 01.94-	113537	14 65			
		ACPS 01.94-	111505	14 75			
	[176B2.000]	01.95-	111411	14 75	01.95-	111422	12 0.8
		PS 01.95-	113537	14 65			
		ACPS 01.95-	111505	14 75			
Punto 1.2	[169A4.000]	03.12-	113535	14 85	03.12-	113962	12 0.9
		03.12-	114706	14 120	A25 03.12-	115312	12 1.1
		03.12-	115620	14 105			
		03.12-	115647	14 90			
	[176A7.000]	01.94-	111411	14 75	01.94-	111422	12 0.8
		PS 01.94-	113537	14 65	07.99-	112382	12 0.8
		ACPS 01.94-	111505	14 75			
	[176A8.000]	10.93- 09.99	115672*	14 85	11.93-	111422	12 0.8
		01.94-	111411	14 75	07.99-	112382	12 0.8
		PS 01.94-	113537	14 65			
		ACPS 01.94-	111505	14 75			
	[176B1.000]	03.94-	111411	14 75	03.94-	111422	12 0.8
		PS 03.94-	113537	14 65			
		ACPS 03.94-	111505	14 75			
	[176B4.000]	05.95-	111411	14 75	05.95-	111422	12 0.8
		PS 05.95-	113537	14 65			
		ACPS 05.95-	111505	14 75			
	[188A4.000]	04.02-	114899	14 70	09.99-	112382	12 0.8
		09.99- 04.02	111411	14 75	09.99-	111422	12 0.8
		09.99-	113718	14 70			
		AC 09.99-	113535	14 85			
	[199B9.000]	02.14-	113535	14 85	02.14-	113962	12 0.9
		02.14-	113718	14 70			
		02.14-	114462	14 70			
Punto 1.2 16V	[176B9.000]	04.97- 06.00	111411	14 75	04.97-	111422	12 0.8
		ACPS 04.97- 06.00	115476	14 85			

## STARTERS & ALTERNATORS





	[188A5.000]	09.99- AC 09.99-	113718 113535	14 70 14 85		09.99-	112382	12 0.8
Punto 1.2 BiFuel	[188A4.000]	08.07-	113718	14 70		08.07-	112382	12 0.8
Punto 1.2 Multijet	[199A3.000]	01.10- 02.12	113722	14 90 A49		01.10- 02.12	113719	12 1.3
	[199B8.000]	01.10- 02.12	115963	14 90		01.10- 02.12	115869	12 1.3 A49
						12.13-	115400	12 1.4
Punto 1.2 Natural Power	[188A4.000]	09.03- 09.03- AC 09.03-	113718 114899 113535	14 70 14 70 14 85		09.03- 02.05	112382	12 0.8
Punto 1.3 JTD	[188A9.000]	06.03- 06.03- 06.03- AC 06.03- 10.05 AC 06.03- 10.05 AC 06.03- 10.05	113720 113721 116064 113722 114451 115963	14 75 A49 14 75 14 75 14 90 A49 14 105 14 90		06.03- 06.03-	113719 115869	12 1.3 12 1.3 A49
	Punto 1.3 Multijet	[188A9.000]	02.05- 10.09 02.05- 10.09 02.05- 10.09 02.05- 10.09 02.05- 10.09	113721 113722 114451 115622 115963	14 75 14 90 A49 14 105 14 90 14 90	02.05- 10.09 02.05- 10.09	113719 115869	12 1.3 12 1.3 A49
		[199A2.000]	03.12- 03.12- 03.12- 03.12- 03.12-	113721 113722 114451 115668 115963	14 75 14 90 A49 14 105 14 90 14 90	03.12-	115869	12 1.3 A49
		[199A9.000]	03.12- 03.12- 03.12- 03.12- 03.12-	113721 113722 114451 115668 115963	14 75 14 90 A49 14 105 14 90 14 90	03.12- 03.12-	113719 115869	12 1.3 12 1.3 A49
	[199B1.000]	03.12- 03.12-	115346 115852	14 120 14 105		03.12-	115400	12 1.4
	[199B4.000]	03.12- 03.12-	115384 115667	14 120 14 120		03.12-	115400	12 1.4
Punto 1.4	[199A7.000]	03.12- 03.12- 03.12- 03.12- 03.12-	113718 114462 114706 115615 115620	14 70 14 70 14 120 14 105 14 105		03.12- A25 03.12-	113962 115312	12 0.9 12 1.1
		[350A1.000]	03.12- 03.12-	113718 114706	14 70 14 120	03.12- A25 03.12-	113962 115312	12 0.9 12 1.1
		[843A1.000]	09.03- 03.12-	113718 114706	14 70 14 120	09.03- A25 03.12-	113962 115312	12 0.9 12 1.1
	Punto 1.4 Multi Air	[955A6.000]	03.12-	114706	14 120	A25 03.12-	115312	12 1.1
Punto 1.4 Turbo	[955A2.000]	03.12- 03.12-	114806 115874	14 120 14 120 A49		03.12- A25 03.12-	113962 115312	12 0.9 12 1.1
	Punto 1.4 Turbo GT	[176A4.000]	AC 01.94- 09.96- 09.99 AC 09.96-	112780 111411 112780	14 90 14 75 14 90	01.94- 09.96-	112124 112124	12 0.9 12 0.9
Punto 1.4 BiFuel	[350A1.000]	03.12-	113535	14 85		03.12- 03.12-	113962 115312	12 0.9 12 1.1
Punto 1.4 BiFuel Natural Power	[350A1.000]	03.12-	113535	14 85		03.12-	113962	12 0.9
Punto 1.7 Diesel	[176B3.000]	01.93-	111416	14 65		04.94- 02.00 08.93- 09.97	111619 113752	12 1.7 12 1.8
Punto 1.7 TD	[176A3.000]	01.94- AC 01.94- 01.94- AC 01.94-	111416 111568 111416 111568	14 65 14 85 14 65 14 85		01.94- 08.93- 04.97 01.94- 02.00 08.93- 08.99	111619 113752 111619 113752	12 1.7 12 1.8 12 1.7 12 1.8
		[176A5.000]	01.94- AC 01.94- 09.96- AC 09.96-	111416 111568 111416 111568	14 65 14 85 14 65 14 85	09.96- 09.99 09.96- 09.99	113752 111619	12 1.8 12 1.7
		[176B7.000]	09.96- AC 09.96-	111416 111568	14 65 14 85	09.96- 09.99 09.96- 09.99	113752 111619	12 1.8 12 1.7
	Punto 1.8 HGT	[183A1.000]	09.99- 09.99- 09.99- 09.99-	111409 113942 113942 113943	14 100 14 100 14 100 14 100		09.99- 09.99- 09.99- 09.99-	111685 111685 111685 111685
Punto 1.9 Diesel	[188A6.000]	09.99- 09.99- 09.99- 09.99-	113942 113943 111413 113336 113939	14 100 14 100 14 90 14 120 14 100		09.99- 09.99- 09.99- 09.99-	111685 114321 112379	12 1.4 12 2.0 BO 12 1.8 MA
		[188A3.000]	02.00- 09.99- 09.99- 09.99-	113943 111413 113336 113939	14 100 14 90 14 120 14 100		111685 114321 112379	12 1.4 12 2.0 BO 12 1.8 MA
	Punto 1.9 JTD	[188A2.000]	09.99- 09.99- 09.99- 02.00- 06.03-	111409 113942 113943 113943 113943	14 100 14 100 14 100 14 100 14 100	09.99- 09.99- 09.99- Eng. -0413488 06.01- 06.03-	113430 113430 113430 113430 113931	12 1.8 12 1.8 12 1.8 12 1.8 12 1.7
	Punto Evo 1.2	[169A.4000]	10.09- 10.09- 10.09- 10.09- 10.09-	113718 114462 114706 115620 115647	14 70 14 70 14 120 14 105 14 90	A25 10.09-	113962 115312	12 0.9 12 1.1
	[199A4.000]	10.09-	114462	14 70		10.09-	113962	12 0.9
Punto Evo 1.2 Multijet	[199B2.000]	07.08-	114451	14 105		07.08- 07.08-	113719 115869	12 1.3 12 1.3 A49
Punto Evo 1.3 16V Multijet	[199B4.000]	10.09- 10.09- 10.09- 10.09-	115384 115667 115384 115667	14 120 14 120 14 120 14 120		10.09- A25 10.09-	115400 115400	12 1.4 12 1.4
		[223A9.000]	10.09- 10.09- 10.09- 10.09-	115384 115667 115384 115667	14 120 14 120 14 120 14 120	A25 10.09-	115400	12 1.4
	Punto Evo 1.3 Multijet	[199A2.000]	10.09- 10.09- 10.09- 10.09- 03.09- 03.09- 03.09- 03.09- 03.09-	113722 114451 115384 115963 113721 113722 114451 115384 115963	14 90 A49 14 105 14 120 14 90 14 75 14 90 A49 14 105 14 120 14 90	A25 10.09- A25 03.09- A25 03.09-	115400 115400 115869	12 1.4 12 1.3 12 1.4 12 1.3 A49
	[199A3.000]	10.09- 10.09- 10.09-	113721 113722 115963	14 75 14 90 A49 14 90		10.09- 10.09-	113719 115869	12 1.3 12 1.3 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



FIAT Continued

	[199A9.000]	10.09-	113722	14 90	A49	A25 10.09-	115400	12 1.4
		10.09-	114451	14 105				
		10.09-	115384	14 120				
		10.09-	115963	14 90				
	[199B1.000]	03.09-	115346	14 120		A25 03.09-	115400	12 1.4
		03.09-	115852	14 105				
Punto Evo 1.4	[199A7.000]	07.09-	114462	14 70		A25 07.09-	115312	12 1.1
	[350A1.000]	03.09-	114462	14 70		03.09-	113962	12 0.9
		10.09-	115620	14 105		A25 03.09-	115312	12 1.1
		10.09-	115647	14 90				
Punto Evo 1.4 Abarth	[199A8.000]	07.08- 02.12	114806	14 120		07.08- 02.12	115312	12 1.1
		07.08- 02.12	115874	14 120	A49			
	[955A8.000]	07.08- 02.12	114806	14 120		07.08- 02.12	115312	12 1.1
		07.08- 02.12	115874	14 120	A49			
Punto Evo 1.4 16V	[955A2.000]					A25 10.09-	115312	12 1.1
						10.09-	113962	12 0.9
	[955A6.000]	10.09-	114806	14 120		10.09-	113962	12 0.9
		10.09-	115874	14 120	A49	A25 10.09-	115312	12 1.1
Punto Evo 1.4 Natural Power	[350A1.000]	10.09-	114462	14 70				
Punto Evo 1.4 LPG	[350A1.000]	06.09-	114462	14 70				
Punto Evo 1.6 Multijet	[955A3.000]	10.09-	114493	14 100		A25 10.09-	115399	12 1.4
Punto Evo Van 1.3 Multijet	[199B4.000]	03.12-	115384	14 120		03.12-	115400	12 1.4
		03.12-	115667	14 120				
Punto Evo Van 1.4 BiFuel Natural Power	[350A1.000]	03.09-	114462	14 70		03.09-	113962	12 0.9
Punto Van 0.9 Twinair Turbo	[312A2.000]	03.12-	115457	14 120		03.12-	116024	12 1.1
Punto Van 1.4 LPG	[350A1.000]	03.09-	113535	14 85		03.09-	113962	12 0.9
		03.09-	113718	14 70				
		03.09-	114706	14 120				
Qubo 1.2 Multijet	[225A2.000]					03.15-	113719	12 1.3
						03.15-	115400	12 1.4
						03.15-	115869	12 1.3
					A49			
Qubo 1.3 Multijet	[199B1.000]	07.10-	115308	14 120		A25 07.10-	115400	12 1.4
		07.10-	115852	14 105				
Qubo 1.4	[350A1.000]	10.09-	110584			10.09-	110584	12 1.2
Qubo 1.4 Natural Power	[350A1.000]					01.10-	113962	12 0.9
Regata 1.3	[138B2.000]	09.83- 07.86	111035	14 65		09.83- 12.87	110338	12 0.8
		09.83- 07.86	111148	14 65				
Regata 1.3 ES	[149A3.000]	09.83- 07.89	111035	14 65		09.83- 07.89	110338	12 0.8
		09.83- 07.89	111148	14 65		09.83- 07.89	112289	12 0.8
	[149A7.000]	09.83- 07.89	111035	14 65		09.83- 07.89	110338	12 0.8
		09.83- 07.89	111148	14 65		09.83- 07.89	112289	12 0.8
Regata 1.5	[138B3.000]	09.83- 08.88	111035	14 65		09.83- 04.85	112289	12 0.8
		09.83- 08.88	111148	14 65				
	[138C2.048]	12.86- 07.89	111148	14 65		12.86- 07.89	112289	12 0.8
	[149A5.000]	09.83- 08.88	111035	14 65		05.85- 12.87	112289	12 0.8
		09.83- 08.88	111148	14 65				
Regata 1.5 Super	[138B3.000]	09.83- 08.88	111035	14 65		09.83- 04.85	112289	12 0.8
		09.83- 08.88	111148	14 65				
Regata 1.5 i.e.	[138B3.048]	04.85- 07.89	111035	14 65		04.85- 07.89	112289	12 0.8
		04.85- 07.89	111148	14 65				
	[138C2.048]	07.85- 04.87	111035	14 65		07.85- 04.87	112289	12 0.8
		07.85- 04.87	111148	14 65				
	[138C3.048]	09.83- 03.85	111035	14 65		09.83- 03.85	112289	12 0.8
		09.83- 03.85	111148	14 65				
	[149C1.000]	05.87- 06.90	111035	14 65		05.87- 06.90	112289	12 0.8
		05.87- 06.90	111148	14 65				
Regata 1.6	[149A.000]	10.83- 06.91	111035	14 65		10.83- 06.91	112289	12 0.8
		10.83- 06.91	111148	14 65				
	[149A2.000]	10.83- 05.89	110912	14 55				
		AC 10.83- 11.84	111620	14 65				
	[149A4.000]	12.84- 05.86	110912	14 55		09.84- 12.86	112289	12 0.8
Regata 1.6 i.e.	[149C2.000]	01.87- 07.89	110912	14 55				
Regata 1.7 Diesel	[138B6.000]	09.83- 04.85	110912	14 55				
	[149B3.000]	01.84- 12.89	110912	14 55		01.84- 12.89	111619	12 1.7
Regata 1.9 Diesel	[149A1.000]	04.84- 07.89	110912	14 55				
		04.84- 07.89	111620	14 65				
Regata 1.9 TD	[831D1.000]	04.84- 07.89	111654	14 65		05.86- 07.89	110814	12 2.7
Ritmo 1.0	[127A6.000]	09.78- 09.82	111035	14 65				
Ritmo 1.1	[138B.000]	02.83- 10.85	111035	14 65		02.83- 10.85	110338	12 0.8
	[138B1.000]	02.83- 10.85	111035	14 65		02.83- 10.85	110338	12 0.8
	[146A4.048]	04.85- 12.87	111035	14 65		04.85- 12.87	110338	12 0.8
Ritmo 1.3	[138A1.000]					01.78- 09.82	110338	12 0.8
	[138A3.000]	01.81- 09.82	111035	14 65		01.81- 09.82	112289	12 0.8
		01.81- 09.82	111148	14 65				
	[138B2.000]					01.83- 04.85	110338	12 0.8
	[149A3.000]	11.83- 08.85	111035	14 65		11.83- 08.85	110338	12 0.8
	[149A7.000]	11.83- 08.85	111035	14 65		11.83- 08.85	110338	12 0.8
Ritmo 1.3 Bertone	[138B2.000]	10.85- 12.87	111035	14 65		10.85- 12.87	110338	12 0.8
Ritmo 1.5	[138A2.000]	09.85- 12.88	111148	14 65		01.78- 10.82	112289	12 0.8
						09.85- 12.87	110338	12 0.8
	[138A4.000]					01.81- 09.82	112289	12 0.8
	[138B3.000]	01.83- 12.87	111035	14 65		01.83- 12.87	112289	12 0.8
		01.83- 12.87	111148	14 65				
	[138C2.048]	09.85- 12.88	111035	14 65		09.85- 12.88	110338	12 0.8
		09.85- 12.88	111148	14 65		09.85- 12.88	112289	12 0.8
	[138C3.048]					01.78- 10.82	112289	12 0.8
	[149A5.000]	08.85- 05.87	111035	14 65		08.85- 05.87	112289	12 0.8
		08.85- 05.87	111148	14 65				
	[149C1.000]	05.87- 12.88	111035	14 65		05.87- 12.88	110338	12 0.8
		05.87- 12.88	111148	14 65		05.87- 12.88	112289	12 0.8
Ritmo 1.5 Bertone	[138A4.000]	01.80- 07.89	111035	14 65		01.80- 07.89	112289	12 0.8
		01.80- 07.89	111148	14 65				
	[138B3.000]	01.80- 07.89	111035	14 65		01.80- 07.89	112289	12 0.8
		01.80- 07.89	111148	14 65				
Ritmo 1.5 i.e.	[138AR.000]	09.86- 11.86	110912	14 55		05.87- 12.87	112289	12 0.8



	[138C2.048]	10.85- 10.87	111035	14	65			10.85- 10.87	112289	12	0.8
		10.85- 10.87	111148	14	65						
	[149C1.000]	05.87- 12.88	111035	14	65			05.87- 12.88	112289	12	0.8
		05.87- 12.88	111148	14	65						
Ritmo 1.6	[138AR.000]	01.83- 12.87	110912	14	55						
		AC 01.83- 12.87	111620	14	65						
Ritmo 1.6 Bertone	[138AR.000]							10.85- 12.87	112289	12	0.8
	[138AR.048]							10.85- 12.87	112289	12	0.8
Ritmo 1.6 Sport	[138AR.000]	05.81- 12.82	110912	14	55						
Ritmo 1.7 Diesel	[138A5.000]	10.79- 09.82	110912	14	55						
	[138B6.000]	01.83- 10.85	110912	14	55						
	[138C.000]	05.85- 12.87	110912	14	55			09.87- 12.87	111619	12	1.7
	[149B3.000]	05.85- 12.87	110912	14	55			09.87- 12.87	111619	12	1.7
Ritmo 1.9 TD	[831D1.000]	12.85- 12.87	111654	14	65						
Scudo 1.6	[220A2.000]	AC 02.96-	111568	14	85			02.96-	112124	12	0.9
Scudo 1.6 Multijet	[9H07 (DV6UC)]	01.07-	113640	14	150			01.07-	113254	12	1.4
	[9HM (DV6UC)]	02.11-	113640	14	150			02.11-	113254	12	1.4
	[9HM(DV6UC)]	01.07-	113640	14	150			01.07-	113254	12	1.4
	[9HU]	01.07-	113640	14	150			01.07-	113254	12	1.4
Scudo 1.9 Diesel	[D9B]	02.96-	112292	14	70			02.96- 04.98	114460	12	1.4
		PS 02.96-	111893	14	70			02.96-	111070	12	1.7
		ACPS 10.95- 05.00	113485	14	80						
	[WJZ (DW8)]	04.98-	112058	14	70			04.98-	111070	12	1.7
		04.98-	112480	14	90			04.98-	114460	12	1.4
		06.98- 08.01	113603	14	80						
Scudo 1.9 Diesel Combinato	[WJZ (DW8)]	04.98-	112058	14	70			04.98-	111070	12	1.7
		04.98-	112480	14	90			04.98-	114460	12	1.4
		06.98- 08.01	113603	14	80						
Scudo 1.9 TD	[D8B]	02.95-	112292	14	70			02.96-	114460	12	1.4
		PS 02.95-	111893	14	70			02.96-	111070	12	1.7
		ACPS 10.95- 05.00	113485	14	80						
	[D8B,DXH (XUD9TF/L)]	09.96- 12.06	112230	14	80			09.96- 12.06	111070	12	1.7
		09.96- 12.06	112292	14	70			09.96- 12.06	114460	12	1.4
		09.96- 12.06	112688	14	95						
		09.96- 12.06	112703	14	120						
		09.96- 12.06	113485	14	80						
	[DXH (XUD9TF/L)]	02.96-	112292	14	70			02.96-	114460	12	1.4
		PS 02.96-	111893	14	70			02.96-	111070	12	1.7
		ACPS 02.96-	113485	14	80						
Scudo 1.9 TD Eco	[DXH (XUD9TF/L)]	02.95-	112292	14	70			02.96-	114460	12	1.4
		PS 02.95-	111893	14	70			02.95-	111070	12	1.7
		ACPS 02.95-	113485	14	80						
Scudo 2.0	[RFN (EW10J4)]	05.00-	113503	14	120						
		06.04-	112460	14	150						
		06.04-	112480	14	90						
Scudo 2.0 16V Combinato	[RFN (EW10J4)]	06.00-	112460	14	150						
		06.00-	112480	14	90						
		06.00-	113503	14	120						
		06.04- 01.07	113603	14	80						
Scudo 2.0 Diesel	[DW10BTED4]	01.07-	113640	14	150			01.07-	113926	12	1.9
	[RHR]	01.07-	113640	14	150			01.07-	113926	12	1.9
Scudo 2.0 JTD 16V	[RHK (DW10UTED4)]	05.99- 12.06	112460	14	150			05.99- 12.06	111070	12	1.7
		05.99- 12.06	112480	14	90			05.99- 12.06	114460	12	1.4
		05.99- 12.06	113503	14	120						
	[RHM (DW10ATED4)]	05.99- 12.06	112460	14	150			05.99- 12.06	111070	12	1.7
		05.99- 12.06	112480	14	90			05.99- 12.06	114460	12	1.4
		05.99- 12.06	113503	14	120						
	[RHW (DW10ATED4)]	05.99- 12.06	112460	14	150			05.99- 12.06	111070	12	1.7
		05.99- 12.06	112480	14	90			05.99- 12.06	114460	12	1.4
		05.99- 12.06	113503	14	120						
Scudo 2.0 JTD	[RHX (DW10BTED)]	12.99-	112480	14	90			12.99-	111070	12	1.7
		AC 12.99-	112460	14	150						
	[RHZ]	12.02- 12.06	112460	14	150			12.02- 12.06	111070	12	1.7
		12.02- 12.06	112480	14	90			12.02- 12.06	114460	12	1.4
		12.02- 12.06	113503	14	120						
Scudo 2.0 JTD Combinato	[RHX]							01.04-	111070	12	1.7
	[RHZ (DW10ATED)]	12.99-	112480	14	90			12.99-	111070	12	1.7
		AC 10.99-	112460	14	150						
Scudo 2.0 Multijet	[RH02]	04.11-	113640	14	150			04.11-	113926	12	1.9
	[RHK]	01.07-	113640	14	150			01.07-	113926	12	1.9
	[RHR]	01.07-	113640	14	150			01.07-	113926	12	1.9
Scudo 2.0 Multijet 4x4	[RH02]	04.11-	113640	14	150			04.11-	113926	12	1.9
	[RHK]	01.07-	113640	14	150			01.07-	113926	12	1.9
Sedici 1.9 Multijet	[D19AA]	06.06-	113996	14	140			06.06-	113430	12	1.8
Seicento 0.9	[1170A1.046]	01.98-	111687	14	55			01.98-	111585	12	0.8
Seicento 1.1	[176B2.000]	01.98-	111411	14	75			01.98-	114123	12	0.8
		01.98-	113471	14	65			01.98-	111422	12	0.8
		01.98-	113533	14	65						
		AC 01.98-	114899	14	70						
	[187A1.000]	01.98-	111411	14	75			01.98-	111422	12	0.8
		01.98-	113533	14	65			01.98-	112382	12	0.8
		AC 04.02-	114899	14	70			01.98-	114123	12	0.8
Siena 1.2	[178B5.000]	09.98-	111411	14	75			05.99-	111422	12	0.8
		09.98-	111689	14	65			09.98-	114123	12	0.8
	[188A5.000]							09.01-	114123	12	0.8
Siena 1.3 JTD	[188A9.000]	11.07-	113722	14	90	A49		11.07-	113719	12	1.3
		11.07-	115963	14	90			11.07-	115869	12	1.3
Siena 1.4	[178B2.000]							04.96-	112124	12	0.9
	[178B2.016]							04.96-	112124	12	0.9
	[199A1.000]	11.07-	113718	14	70			11.07-	113962	12	0.9
		11.07-	114462	14	70						
		11.07-	115615	14	105						
		11.07-	115647	14	90						

## STARTERS & ALTERNATORS

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	[350A1.000]	01.07- 01.07- 01.07- 01.07-	113718 114462 115615 115647	14 70 14 70 14 105 14 90		01.07-	113962	12 0.9
Siena 1.6 16V	[178B3.000]	08.97- 09.98- 09.98- AC 11.99-	112190 111411 111689 112190	14 90 14 75 14 65 14 90		09.98-	112124	12 0.9
Stilo 1.2 16V	[188A5.000]	AC 04.03-	113535	14 85		02.02-	113962	12 0.9
Stilo 1.4 16V	[192B2.000]	03.05- 03.05-	113535 114462	14 85 14 70		03.05-	113962	12 0.9
	[843A1.000]	01.04-	114462	14 70		01.04-	113962	12 0.9
Stilo 1.6 16V	[182B6.000]					10.01-	114035	12 1.3
		AC 10.01-	112190	14 90		10.01-	112445	12 1.1
Stilo 1.8 16V	[192A4.000]	AC 10.01-	113336	14 120		10.01-	111685	12 1.4
Stilo 1.9 Diesel	[192B5.000]	09.04- 09.04-	113943 114494	14 100 14 90		09.04-	113931	12 1.7
Stilo 1.9 JTD	[192A1.000]	10.01- 10.01- 10.01- 01.03- AC 10.01-	113943 113987 114494 113336 113336	14 100 14 140 14 90 14 120 14 120		10.01- 10.01-	113430 113931	12 1.8 12 1.7
	[192A3.000]	02.02- 02.02- AC 02.02-	113943 114494 113336	14 100 14 90 14 120		02.02- 10.01-	113931 113430	12 1.7 12 1.8
	[192A5.000]	01.04-	114204	14 120		01.04-	113430	12 1.8
	[192B1.000]	04.04-	113943	14 100		04.04-	113430	12 1.8
	[192B5.000]	09.04- 09.04-	113943 114494	14 100 14 90		09.04-	113931	12 1.7
	[937A4.000]	09.03-	114204	14 120		09.03-	113430	12 1.8
	[937A7.000]	10.01- 10.01- 10.01-	113943 113987 114494	14 100 14 140 14 90		01.03- 01.03-	113430 113931	12 1.8 12 1.7
Stilo 1.9 Multijet	[192A8.000]	09.05- 09.05-	113943 114494	14 100 14 90		09.05-	113430	12 1.8
	[192A9.000]	09.05- 09.05-	113943 114494	14 100 14 90	Chas. -0100367	09.05- 09.05-	113430 113931	12 1.8 12 1.7
	[937A5.000]	09.05-	114204	14 120		09.05-	113430	12 1.8
Stilo 2.4 20V	[192A2.000]	AC 10.01-	113336	14 120		10.01-	111685	12 1.4
	[192A7.011]					01.04-	111685	12 1.4
Stilo Multi Wagon 1.6 16V	[192B3.000]					03.05- 12.07 03.05- 12.07	111123 113276	12 0.9 12 1.1
Strada 1.2	[178B5.000]	05.02- 06.99- 03.05 ACPS 06.99-	111411 114899 111505	14 75 14 70 14 75		06.99-	114123	12 0.8
	[188A4.000]	04.03-	113718	14 70				
Strada 1.3 Multijet	[199B1.000]	10.10- 10.10-	113722 115963	14 90 A49 14 90		10.10- 10.10-	113719 115869	12 1.3 12 1.3 A49
	[223A9.000]	05.06- 05.06- 05.06- AC 05.06-	113721 113722 115963 114451	14 75 14 90 A49 14 90 14 105		05.06-	114123	12 0.8
Strada 1.7 TD	[176A3.000]	06.99- AC 03.99-	111416 111568	14 65 14 85		06.99- 07.05-	111619 113752	12 1.7 12 1.8
Strada 1.9 Diesel	[223A6.000]	11.00- 03.03 11.00- 12.00-	111413 113338 113943	14 90 14 65 14 100		11.00- 03.03 12.00-	112379 114321	12 1.8 MA 12 2.0 BO
Strada 1.9 JTD	[188A2.000]	04.03-	113338	14 65		04.03-	113430	12 1.8
Talento 1.9 Diesel	[149B1.000]	03.88- 03.94	110912	14 55		03.89- 03.94	111421	12 2.2
Talento 2.0	[170B]					03.89- 03.94	111066	12 1.05
Tempra 1.4 i.e.	[159A2.000]	02.90- 12.96 02.90- 12.96 AC 02.90- 12.96	111035 111148 112780	14 65 14 65 14 90		02.90- 12.96	112289	12 0.8
	[160A1.046]	ACPS 03.92- 08.96 AC 03.92- 08.96	112780 112780	14 90 14 90		03.92- 08.96	111228	12 1.1
	[836A4.000]	ACPS 03.95- 08.96 AC 03.95- 08.96	112780 112780	14 90 14 90		03.95- 08.96	111228	12 1.1
Tempra 1.6	[159A3.000]	02.90- 04.93 ACPS 02.90- 04.93 AC 02.90- 04.93	111035 112780 112780	14 65 14 90 14 90		02.90- 04.93	111228	12 1.1
Tempra 1.6 i.e.	[159A3.046]	ACPS 06.90- 08.96 AC 06.90- 07.92	112780 112780	14 90 14 90		06.90- 07.92	111228	12 1.1
	[159A3.048]	ACPS 06.92- 08.96 AC 06.92- 08.96	112780 112780	14 90 14 90		06.92- 03.93	111228	12 1.1
	[159B9.000]	AC 05.94- 12.96	112780	14 90		05.94- 12.96	112124	12 0.9
	[835C1.000]	ACPS 04.93- 08.96 AC 04.93- 08.96	112780 112780	14 90 14 90		04.93- 12.94	111228	12 1.1
Tempra 1.8 i.e.	[159A4.000]	03.90- 08.96 06.90- 07.91	111620 113187	14 65 14 85		03.90- 08.96	110854	12 1.4
	[159A4.046]	02.90- 12.96	111620	14 65		10.91- 12.96	110854	12 1.4
	[835C2.000]	09.93- 08.96	111620	14 65		09.93- 08.96	110854	12 1.4
	[835C4.000]	09.93- 08.96	111620	14 65		09.93- 08.96	110854	12 1.4
	[836A5.000]	10.94- 08.96	111620	14 65		10.94- 08.96	110854	12 1.4
Tempra 1.9 Diesel	[160A7.000]	07.91- 01.96 AC 04.93- 12.96	113187 112771	14 85 14 90				
Tempra 1.9 TD	[160A6.000]	02.90- 12.96 05.90- 01.96 AC 02.90- 12.96	111654 113187 112771	14 65 14 85 14 90				
	[160A7.000]	07.91- 01.96 AC 07.91- 08.96	113187 112771	14 85 14 90				
	[160B6.046]	07.90- 08.96 03.92- 01.96 AC 07.90- 08.96	111654 113187 112771	14 65 14 85 14 90				
	[160D1.000]	05.90- 01.96 04.93- 12.96 AC 04.93- 12.96	113187 111654 112771	14 85 14 65 14 90				



Tempra 2.0 i.e.	[159A6.046]	02.90- 12.96	111620	14 65	10.90- 12.96	110854	12 1.4
Tempra 2.0 i.e. 4x4	[159A6.046]	03.92- 03.95	111620	14 65	03.92- 03.95	110854	12 1.4
Tipo 1.1 Digit	[160A3.000]	07.87- 03.93	111036	14 45	07.87- 03.93	111025	12 0.8
Tipo 1.2 Multijet	[199B1.000]				03.16-	113719	12 1.3
					03.16-	115400	12 1.4
					03.16-	115869	12 1.3 A49
	[55266963]				10.15-	113719	12 1.3
					03.16-	115400	12 1.4
					10.15-	115869	12 1.3 A49
Tipo 1.4	[843A1.000]	10.15-	113535	14 85	03.16-	115312	12 1.1
		10.15-	114706	14 120	10.15-	113962	12 0.9
		03.16-	115457	14 120			
	[940B7.000]	03.16-	115457	14 120	03.16-	113962	12 0.9
					03.16-	115312	12 1.1
Tipo 1.4 Selecta	[160A1.000]	07.87- 12.89	111035	14 65	07.87- 12.89	111228	12 1.1
		07.87- 12.89	111148	14 65			
		AC 07.87- 12.89	112780	14 90			
	[160A1.048]	03.89- 11.90	111035	14 65	03.89- 11.90	111228	12 1.1
		03.89- 11.90	111148	14 65			
		AC 03.89- 11.90	112780	14 90			
Tipo 1.4 i.e.	[159A2.000]	05.89- 03.93	111035	14 65	05.89- 04.95	111228	12 1.1
		AC 05.89- 02.90	112780	14 90			
	[160A1.046]	05.89- 03.93	111035	14 65	05.89- 04.95	111228	12 1.1
		05.89- 03.93	111148	14 65			
		AC 05.89- 03.93	112780	14 90			
	[836A4.000]	AC 03.93- 10.95	112780	14 90	03.93- 10.95	111228	12 1.1
Tipo 1.6 Digit	[160A2.000]	07.87- 10.95	111035	14 65	01.88- 10.95	111228	12 1.1
		ACPS 01.88- 10.95	112780	14 90			
		AC 01.88- 10.95	112780	14 90			
Tipo 1.6 i.e.	[149C2.046]	02.88- 06.90	111620	14 65	02.88- 06.90	112124	12 0.9
		02.88- 06.90	113187	14 85			
	[159A3.046]	03.90- 03.93	111148	14 65	03.90- 03.93	111228	12 1.1
		ACPS 03.90- 03.93	112780	14 90			
		AC 03.90- 03.93	112780	14 90			
	[159A3.048]	AC 03.93- 10.95	112780	14 90	03.93- 10.95	111228	12 1.1
	[835C1.000]	AC 03.93- 10.95	112780	14 90	03.93- 10.95	111228	12 1.1
Tipo 1.6 Multijet	[940C1.000]	10.15-	114493	14 100			
Tipo 1.7 Diesel	[149B4.000]	07.87- 03.93	110912	14 55	07.87- 03.93	111619	12 1.7
		07.87- 03.93	112719	14 55			
		AC 07.87- 03.93	112771	14 90			
Tipo 1.8 i.e. 16V	[160A5.000]	11.89- 06.92	111620	14 65	11.89- 06.92	110854	12 1.4
		11.89- 01.91	113187	14 85			
Tipo 1.8 i.e.	[159A4.000]	10.90- 06.93	111620	14 65	10.90- 04.95	110854	12 1.4
	[835C2.000]				03.93- 10.95	110854	12 1.4
	[835C4.000]	09.93- 10.95	111620	14 65	09.93- 10.95	110854	12 1.4
	[836A5.000]				10.94- 10.95	110854	12 1.4
Tipo 1.8 i.e. GT	[159A4.046]	10.92- 06.93	111620	14 65	10.92- 06.93	110854	12 1.4
Tipo 1.9 Diesel	[160A7.000]	07.89- 10.95	111654	14 65			
		AC 07.89- 10.95	112771	14 90			
Tipo 1.9 TD	[160A6.000]	07.87- 04.95	111654	14 65			
		AC 07.87- 04.95	112771	14 90			
	[160A6.046]	07.87- 03.93	111654	14 65			
		AC 07.87- 03.93	112771	14 90			
	[160B6.046]	07.87- 10.95	111654	14 65			
		AC 07.87- 10.95	112771	14 90			
	[160D1.000]	03.93- 04.95	111654	14 65			
		AC 03.93- 04.95	112771	14 90			
Tipo 2.0 16V	[160A8.046]	03.90- 10.95	111620	14 65	12.90- 04.95	110854	12 1.4
Tipo 2.0 i.e. 16V Sport	[836A3.000]	03.93- 10.95	111620	14 65	03.93- 10.95	110854	12 1.4
Tipo 2.0 i.e.	[159A5.046]	06.90- 03.92	111620	14 65	06.90- 03.92	110854	12 1.4
	[159A6.046]	03.90- 10.95	111620	14 65	03.90- 10.95	110854	12 1.4
Ulysse 1.8	[LFW]	05.96-	112299	14 95	05.97-	113443	12 1.4
		AC 05.96-	112298	14 80	05.97-	111130	12 1.1
		AC 05.96-	112299	14 95			
		AC 05.96-	112772	14 120			
Ulysse 1.9 TD	[DXH (XUD9TF/L)]	10.94-	112688	14 95	10.94-	111070	12 1.7
		10.94-	112703	14 120	02.95- 08.02	114460	12 1.4
		10.94-	113485	14 80			
Ulysse 2.0	[RFN (EW10J4)]	08.02-	112460	14 150			
		08.02-	112461	14 150			
		08.02-	112469	14 90			
		08.02-	113575	14 80			
		08.02-	113640	14 150			
		08.02-	113755	14 150			
	[RFU (XU10J2C)]	10.94-	112298	14 80	10.94-	111070	12 1.7
		10.94-	112299	14 95	10.94-	111130	12 1.1
		AC 06.94- 05.00	112772	14 120	06.94- 05.00	113443	12 1.4
Ulysse 2.0 16V	[RFN (EW10J4)]	03.00-	112460	14 150			
		03.00-	112480	14 90			
	[RFV]	05.98-	111318	14 80	05.98-	111130	12 1.1
		05.98- 09.00	113604	14 95	05.98-	113443	12 1.4
Ulysse 2.0 Turbo	[RGX (XU10J2CTE)]	06.94- 08.02	113604	14 95	10.94-	111070	12 1.7
		10.94-	112298	14 80	10.94-	111130	12 1.1
		10.94-	112299	14 95	06.94- 08.02	113443	12 1.4
		03.97- 08.02	111318	14 80			
		AC 06.94- 02.97	112772	14 120			
Ulysse 2.0 JTD 16V	[RHW (DW10ATED4)]	05.99- 08.02	112460	14 150	05.99- 08.02	111070	12 1.7
		05.99- 08.02	113503	14 120			
Ulysse 2.0 JTD	[RHM (DW10ATED4)]	05.03-	113640	14 150	05.03-	111070	12 1.7
	[RHW (DW10ATED4)]	08.02-	112461	14 150	A13 08.02-	111070	12 1.7
		08.02-	113640	14 150	08.02-	114460	12 1.4
	[RHZ (DW10ATED)]	10.99-	112460	14 150	A13 10.99-	111070	12 1.7
					10.99- 08.02	114460	12 1.4
Ulysse 2.0 Multijet	[RHK]	05.06-	113640	14 150	05.06-	114460	12 1.4
	[RHR]	05.06-	113640	14 150	05.06-	114460	12 1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**FIAT** *Continued*

Ulysse 2.1 TD	[P8C]	03.96-	112688	14 95	03.96-	111070	12 1.7
		03.96-	112703	14 120	03.96- 10.99	114460	12 1.4
		03.96-	113485	14 80			
Ulysse 2.2 JTD	[4HP] [4HR] [4HW (DW12ATED4)]	03.08-	113640	14 150	03.08-	114854	12 2.5
		03.08-	113640	14 150	03.08-	114854	12 2.5
		08.02-	112461	14 150	A13 08.02-	111070	12 1.7
		08.02-	113640	14 150	08.02-	114460	12 1.4
Ulysse 2.2 Multijet	[4HT]				03.08-	114854	12 2.5
Uno 0.9	[146A.000] [146A1.000]	02.88- 07.96	111078	14 45	02.88- 07.96	110365	12 0.8
		02.88- 07.96	111078	14 45	02.88- 07.96	110365	12 0.8
Uno 0.9 ES	[146A.000] [146A1.000]	03.83- 09.92	111078	14 45	03.83- 09.92	111585	12 0.8
					03.83- 09.92	110365	12 0.8
		03.83- 09.92	111078	14 45	03.83- 09.92	110365	12 0.8
Uno 1.0	[156A2.048] [156A2.100] [178D9.011]	06.86- 05.91	111036	14 45	06.86- 05.91	111025	12 0.8
		06.86- 05.91	111621	14 55			
		06.86- 12.93	111036	14 45	06.86- 03.94	111025	12 0.8
		06.86- 03.94	111621	14 55			
		01.04-	113535	14 85	01.04-	114123	12 0.8
Uno 1.0 i.e.	[156A2.246]	08.85- 09.92	111621	14 55	08.85- 09.92	111025	12 0.8
Uno 1.1	[138B.000] [146A4.044] [146A4.048] [146A6.000] [156C.046] [160A3.000]	01.83- 08.89	111035	14 65	01.83- 08.89	110338	12 0.8
		01.86- 12.89	111621	14 55	01.86- 12.89	111025	12 0.8
		05.85- 02.92	111035	14 65	05.85- 08.89	110338	12 0.8
					02.88- 02.92	112289	12 0.8
		02.88- 02.92	111035	14 65			
		01.90- 12.93	111621	14 55	01.90- 10.92	111025	12 0.8
Uno 1.1 i.e.	[146C3.000]	04.89- 12.92	111621	14 55	04.89- 12.92	111025	12 0.8
		09.89- 03.94	111621	14 55	06.92- 12.93	110814	12 2.7
					06.92- 10.92	111025	12 0.8
Uno 1.2	[178E8.011]				01.04-	114123	12 0.8
Uno 1.3	[138B2.000] [149A7.000]	01.83- 04.85	111035	14 65	01.83- 04.85	110338	12 0.8
		05.85- 08.89	111035	14 65	05.85- 08.89	110338	12 0.8
Uno 1.3 i.e. Turbo	[146A2.000] [146A2.146] [146A2.246]	04.85- 08.89	111148	14 65	04.85- 08.89	112289	12 0.8
		10.87- 08.89	111148	14 65	10.87- 08.89	112289	12 0.8
		09.89- 03.91	111148	14 65	09.89- 03.91	110814	12 2.7
Uno 1.3 Diesel Super	[127A5.000] [146B1.000]				09.89- 03.91	112289	12 0.8
					09.89- 03.92	111619	12 1.7
Uno 1.4 S	[160A1.048]	09.89- 10.92	111035	14 65	09.89- 10.92	112289	12 0.8
		09.89- 10.92	111148	14 65			
Uno 1.4 i.e. Turbo	[146A8.000] [146A8.046]	12.89- 12.96	111148	14 65	12.89- 12.94	111228	12 1.1
					09.89- 09.93	110814	12 2.7
Uno 1.4 i.e.	[146C1.000] [160A1.046]	09.89- 12.93	111035	14 65	09.89- 12.93	111228	12 1.1
		09.89- 12.93	111035	14 65	10.90- 12.93	112289	12 0.8
					09.89- 03.94	111228	12 1.1
Uno 1.4 TD	[146B3.000]	10.86- 10.90	112719	14 55	09.89- 04.91	111619	12 1.7
Uno 1.5 i.e.	[138C2.048] [149C1.000]	10.85- 08.87	111035	14 65	10.85- 08.87	112289	12 0.8
		10.85- 08.87	111148	14 65			
		09.87- 03.94	111035	14 65	08.87- 03.94	112289	12 0.8
Uno 1.7 Diesel	[146B2.000] [149B3.000] [149B4.046]	02.88- 02.92	110890	14 55	02.88- 02.92	111619	12 1.7
		09.89- 03.94	112719	14 55	01.98- 03.04	113752	12 1.8
		07.86- 08.89	112719	14 55	07.86- 08.89	111619	12 1.7
		02.88- 02.92	110890	14 55	02.88- 02.92	111619	12 1.7
Uno 1.9 Diesel	[149B5.046]	09.89- 03.94	110912	14 55			
Various models		09.89- 03.94	112719	14 55			
					05.80- 09.03	110812	12 2.0
					01.71- 12.87	110813	12 2.7
					06.79- 10.86	110814	12 2.7
					01.88-	111118	12 0.9
X1/9 1.3	[128AS.000]	01.73- 12.79	110899	14 33	11.93- 05.95	111422	12 0.8
<b>PASSENGER CARS US</b>							
124 1.2		01.69- 01.69	110611	14 55			
124 1.4		01.68- 01.73	110611	14 55			
124 1.4 Spider		01.68- 01.70	110611	14 55			
124 1.6		01.71- 01.73	110611	14 55			
124 1.6 Spider		01.71- 01.73	110611	14 55			
124 1.8		01.74- 01.75	110611	14 55			
124 1.8 Spider		01.74- 01.78	110611	14 55			
124 2.0 Spider		01.79- 01.81	110912	14 55			
128 1.1		01.71- 01.73	110899	14 33			
128 1.3		01.73- 01.78	110899	14 33			
Brava 2.0		01.79- 01.81	110912	14 55			
Elba 1.5	[146D1.011]				01.92- 12.96	111118	12 0.9
Siena 1.0	[178D9.011]	03.00- 02.03	113535	14 85	03.00- 02.03	114123	12 0.8
Siena 1.2	[178E8.011]	09.02- 02.04	113535	14 85	09.02- 02.04	114123	12 0.8
Strada 1.5		01.79- 01.80	110235	14 80			
		01.79- 01.80	111035	14 65			
		01.81- 01.82	111148	14 65			
Strada 1.5 Custom		01.80- 01.80	110235	14 80			
		01.80- 01.80	111035	14 65			
		01.81- 01.82	111148	14 65			
X-1/9 1.3		01.74- 01.78	110899	14 33			
X-1/9 1.5		01.79- 01.80	110235	14 80			
		01.79- 01.80	111035	14 65			
		01.81- 01.83	111148	14 65			
<b>PASSENGER CARS AO</b>							
Doblo 1.3 JTD	[199A2.000]	05.05-	114451	14 105	05.05-	113719	12 1.3
		05.05-	115668	14 90	05.05-	115869	12 1.3
Ducato 2.0 4x4	[RFW]	11.94- 11.01	112299	14 95	11.94- 11.01	111130	12 1.1
					11.94- 11.01	113443	12 1.4
Ducato 2.5 TD	[8140.47]	06.94- 08.98	111498	14 110	06.94- 08.98	113451	12 2.2
		06.94- 08.98	112681	14 80			

## STARTERS & ALTERNATORS





Ducato 2.5 TD 4x4	[8140.27]					07.90- 02.94	113846	12	2.2	
	[8140.47]	11.94- 04.98	111498	14	110	11.94- 04.98	113451	12	2.2	
		11.94- 04.98	112681	14	80					
Ducato 2.5 TD Panorama 4x4	[8140.27]	07.90- 02.94	110890	14	55	06.90- 05.94	113846	12	2.2	
Ducato 2.8 4x4	[8140.43]	05.98- 09.01	111498	14	110	05.98- 09.01	113451	12	2.2	
		05.98- 09.01	112681	14	80	05.98- 09.01	112436	12	2.3	
		05.98- 09.01	114684	14	120					
Ducato 2.8 Diesel	[8140.43]	11.03- 07.06	114684	14	120	11.03- 07.06	115501	12	2.5 A49	
						Chas. -7600144	11.03- 07.06	112436	12	2.3
						Chas. 7600145-	11.03- 07.06	113935	12	2.5
Ducato 2.8 Diesel 4x4	[8140.43]	11.03- 07.06	114684	14	120	11.03- 07.06	115501	12	2.5 A49	
						Chas. -7600144	11.03- 07.06	112436	12	2.3
						Chas. 7600145-	11.03- 07.06	113935	12	2.5
Ducato 2.8 JTD	[8140.43S]	03.01- 11.01	113247	14	120					
		03.01- 11.01	113950	14	90					
		03.01- 11.01	114680	14	150					
Ducato 2.8 TD 4x4	[8140.43]	05.98- 09.01	111498	14	110	05.98- 09.01	112436	12	2.3	
		05.98- 09.01	114684	14	120	05.98- 09.01	112026	12	2.6	
	[8140.63]	05.98- 11.01	111498	14	110	05.98- 11.01	113451	12	2.2	
		05.98- 11.01	112681	14	80	05.98- 11.01	112436	12	2.3	
		05.98- 11.01	114684	14	120					
Fiorino 1.7 Diesel	[146B2.000]					01.88- 10.99	111619	12	1.7	
						09.93- 10.99	113752	12	1.8	
						11.96- 05.00	113752	12	1.8	
Fiorino 1.7 TD S	[146D7.000]									
Linea 1.3 Multijet	[199A3.000]	09.09-	115852	14	105					
Multipla 1.6	[182B6.000]					05.04- 08.05	114035	12	1.3	
Multipla 1.6 G	[182B6.000]					03.01- 08.05	114035	12	1.3	
Palio 1.1	[178B9.033]					07.97- 10.03	114123	12	0.8	
Palio 1.2	[178E2.000]					06.99- 10.00	114123	12	0.8	
Palio 1.3 Multijet	[188A9.000]	06.03-	113722	14	90 A49	06.03-	113719	12	1.3	
		06.03-	115963	14	90	06.03-	115869	12	1.3 A49	
Palio 1.9 Diesel	[223A6.000]					09.00-	112379	12	1.8 MA	
						09.00-	114321	12	2.0 BO	
Palio 1.9 JTD EL	[188A2.000]					09.01-	113931	12	1.7	
Panda 0.9 Fire S 4x4	[146A.048]					09.86-	110365	12	0.8	
Panda 1.1 4x4	[187A1.000]					10.91-	111025	12	0.8	
Regata 1.5 85		09.83- 08.88	111035	14	65					
		09.83- 08.88	111148	14	65					
Siena 1.6	[182B6.000]					11.00-	114035	12	1.3	
Siena 1.7 Diesel GL	[176A3.000]					10.96-	113752	12	1.8	
Strada 1.2 Trekking	[178B7.045]	11.05-	114462	14	70					
Tempra 1.6	[159A3.048]	04.90- 06.93	111148	14	65	04.90- 06.93	112289	12	0.8	
Tempra 1.6 S.W.	[159A3.048]					07.93- 07.96	112289	12	0.8	
Uno 1.0	[146A2.166]					11.94- 08.00	114123	12	0.8	
<b>AGRICULTURE</b>										
404 Diesel						01.84-	110640	12	3.0	
						01.84-	113381	12	2.5	
420 Diesel		04.82- 12.83	111180	14	33	01.84-	110213	24	6.6	
						01.84-	110640	12	3.0	
						01.84-	113381	12	2.5	
440 Diesel						01.84-	110813	12	2.7	
						01.84-	113381	12	2.5	
						01.84-	110640	12	3.0	
450 Diesel						01.50- 08.80	110813	12	2.7	
						01.84-	113381	12	2.5	
						01.84-	110640	12	3.0	
455 Diesel						01.50-	110813	12	2.7	
						01.84-	113381	12	2.5	
						01.84-	110640	12	3.0	
470 Diesel						01.84-	110813	12	2.7	
						01.84-	113381	12	2.5	
						01.84-	110640	12	3.0	
480							113381	12	2.5	
						01.72- 03.82	110813	12	2.7	
666						01.84- 12.84	110529	12	3.0	
766						01.75- 12.84	110529	12	3.0	
880						04.73- 12.84	110529	12	3.0	
1180						09.80- 12.83	110529	12	3.0	
1280						09.80- 12.83	110529	12	3.0	
1380						09.80- 12.83	110522	12	3.0	
						09.80- 12.83	110529	12	3.0	
1580						09.80- 12.83	110522	12	3.0	
100.90 5.4 Diesel	[8065.06.200]	05.87- 08.88	111686	14	65	06.84- 08.88	110522	12	3.0	
1000 S DT DTS						01.73-	110529	12	3.0	
110.90 5.9 Diesel	[8065.05.220]	05.87- 08.88	111686	14	65	11.86- 08.88	110522	12	3.0	
115.90 5.9 Diesel	[8065.05.000]	05.87- 08.88	111686	14	65	01.84- 08.88	110522	12	3.0	
129-16						01.79- 06.82	110521	24	4.0	
130.90 5.9 Diesel	[8065.25.010]	05.87- 08.88	111686	14	65	01.84- 08.88	110522	12	3.0	
1300 DT S						04.73- 12.79	110529	12	3.0	
140.90 5.9 Diesel	[8065.25.000]	05.87- 08.88	111686	14	65	01.84- 08.88	110522	12	3.0	
160.90 8.1 Diesel	[OMB365.25.5..]	05.87- 08.88	111686	14	65	01.84- 08.88	110522	12	3.0	
180.90 8.1 Diesel	[OMB365.25.5..]	05.87- 08.88	111686	14	65	01.84- 08.88	110522	12	3.0	
45.66						01.85-	110813	12	2.7	
500 DT	[8035.02.201]					06.73- 03.82	110813	12	2.7	
						01.73-	113381	12	2.5	
500S Diesel		06.78- 03.82	111180	14	33	06.73- 03.82	110813	12	2.7	
						01.78- 01.82	113381	12	2.5	
						01.78- 01.82	110640	12	3.0	
540 DT	[8035.02.302]					01.70- 06.78	110813	12	2.7	
55.46 2.7 Diesel	[8035.06...]					09.84-	110813	12	2.7	
55.56						01.89-	110813	12	2.7	
55.65 2.7 Diesel	[8035.06...]					09.84-	110813	12	2.7	
55.66 2.7 Diesel	[8035.06...]					09.84-	110813	12	2.7	
55.75						03.89-	110813	12	2.7	
55.90 2.7 Diesel	[8035.06.200]					03.84-	110813	12	2.7	

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



**FIAT Continued**

570 DT						12.77- 12.84	110813	12	2.7
580 DT						12.77- 02.84	110529	12	3.0
						12.77- 02.84	110213	24	6.6
60.46 2.9 Diesel	[8035.05...]					09.84-	110813	12	2.7
60.56						01.89-	110813	12	2.7
60.65 2.9 Diesel	[8035.05...]					09.84-	110813	12	2.7
60.66 2.9 Diesel	[8035.05...]					09.84- 08.88	110813	12	2.7
60.75						03.89-	110813	12	2.7
60.90 2.9 Diesel	[8035.05.200]					03.84- 08.88	110813	12	2.7
640 DT						10.72- 07.82	110529	12	3.0
65.46 3.6 Diesel	[8045.06..]					04.85- 08.88	110529	12	3.0
						04.85-	110813	12	2.7
65.66 3.6 Diesel	[8045.06..]					06.87- 08.88	110529	12	3.0
						04.85-	110813	12	2.7
65.90 3.6 Diesel	[8045.06..]					09.87- 08.88	110529	12	3.0
						04.85-	110813	12	2.7
665 C						06.82- 12.84	110529	12	3.0
670 DT						07.77- 02.84	110529	12	3.0
680 DT						07.77- 02.84	110529	12	3.0
70.65 3.6 Diesel	[8045.06..]					10.84- 08.88	110529	12	3.0
						09.84-	110813	12	2.7
70.66 3.6 Diesel	[8045.06..]					09.84- 08.88	110529	12	3.0
						09.84-	110813	12	2.7
70.90 3.6 Diesel	[8045.06..]					03.84- 08.88	110529	12	3.0
						03.84-	110813	12	2.7
765 C						01.75- 12.84	110529	12	3.0
780 DT						01.75- 02.84	110529	12	3.0
80.65 3.9 Diesel	[8045.05...]					10.84- 08.88	110529	12	3.0
						03.84-	110813	12	2.7
80.66 3.9 Diesel	[8045.05...]					05.87- 08.88	110529	12	3.0
						03.84-	110813	12	2.7
80.75						03.84-	110529	12	3.0
80.90 3.9 Diesel	[8045.05...]					03.84- 08.88	110529	12	3.0
						03.84-	110813	12	2.7
85.55 3.9 Diesel	[8045.05...]					10.84- 08.88	110529	12	3.0
						10.84- 06.89	110813	12	2.7
855 C						04.73- 12.84	110529	12	3.0
880-5						09.82- 06.84	110522	12	3.0
						09.80- 08.82	110529	12	3.0
90.90 4.9 Diesel	[8055.05.200]					06.84- 08.88	110522	12	3.0
95.55 4.9 Diesel	[8055.05.205]					10.84- 08.88	110522	12	3.0
F-100-F						01.84-	110522	12	3.0
F-110						01.84-	110522	12	3.0
F-120-F						01.84-	110522	12	3.0
F130						01.84-	110522	12	3.0
Various models						06.72-	110813	12	2.7
						09.81- 12.82	110529	12	3.0
<b>MISCELLANEOUS</b>									
DI 130 8.1	[8365.05.555]					07.81-	110518	24	4.0
						07.81- 12.89	110522	12	3.0
DI 130 C 5.9	[8061..]					09.88-	110521	24	4.0
DI 150 C 5.9	[8061..]					09.88-	110518	24	4.0
						09.88-	110521	24	4.0
DI 20 C						01.80-	110529	12	3.0
DI 25 C						01.80-	110529	12	3.0
DI 50 CH 3.9	[8045.05.359]					06.85-	110529	12	3.0
DI 60 C 3.9	[8045.05.359]					06.85-	110529	12	3.0
DI 70						01.81-	110529	12	3.0
DI 70 C						01.81-	110529	12	3.0
Various models						01.71- 12.82	110213	24	6.6
						01.71- 12.82	110813	12	2.7
						01.73- 11.81	110529	12	3.0
<b>Fiat-Allis</b>									
<b>AGRICULTURE</b>									
65 B 5.9 Diesel	[8061..]	01.86- 01.01	111419	28	55	01.86- 01.01	110521	24	4.0
FA 150 8.1 Diesel	[8365.25.542]					12.86- 03.99	110999	24	
FA 200						01.84- 12.89	110347	24	7.5
FD 14						04.84- 12.89	110347	24	7.5
FD 14E 8.1 Diesel	[8365.25.541]					12.88- 12.92	110999	24	
FD 20 5.9 Diesel	[8215.02.520]					03.84- 03.99	110347	24	7.5
FD 30C 17.0 Diesel	[8285.22.004]	10.90-	111419	28	55				
FE 16						10.83- 12.87	110521	24	4.0
FE 45						09.87-	110347	24	7.5
FG 65 A						03.84- 01.88	110529	12	3.0
FH 400						11.89-	110347	24	7.5
FL 20						03.84-	110347	24	7.5
FR 130 5.9 Diesel	[8065.25..]	04.90- 04.05	111419	28	55				
FR 160 8.1 Diesel	[8365.25..]	07.90-	111419	28	55	07.90-	110999	24	
						01.80- 01.83	110522	12	3.0
FR 20						01.86- 12.90	110347	24	7.5
FR 20 B						01.86- 12.90	110347	24	7.5
FR 220 9.5 Diesel	[8465.21..]	01.91-	111419	28	55				
FR 7						04.85- 04.88	110521	24	4.0
						12.82- 03.85	110517	24	3.2
FR 9						12.82- 09.85	110521	24	4.0



Various models Diesel										
								110347	24 7.5	
								113381	12 2.5	
								110813	12 2.7	
								115447*	24 8.0	
								110818	12 2.1	
								110517	24 3.2	
								113534	12 3.0	
								110208	24 5.4	
								111041	12 2.8	
								110210	24 6.6	
								111000	24 6.5	
								110521	24 4.0	
								110529	12 3.0	
								110640	12 3.0	
								110518	24 4.0	
								111737	12 2.8	
								110531	24 6.6	
								110206	24 5.4	
Various models								110520	24 4.0	
Force										
MARINE										
Various models								112827	12	
Ford										
PASSENGER CARS EU										
Aerostar 3.0 i V6				01.88- 01.90	111252	14	75			
Aerostar 4.0 i V6 4WD				01.92- 01.93	111199	14	95	01.92- 01.93	111844 12 1.4	
B-Max 1.0 EcoBoost		[M1JA]						10.12-	115555 12 1.0	
		[M1JE]						12.12-	115555 12 1.0	
		[SFJA]						10.12-	115555 12 1.0	
		[SFJB]						10.12-	115555 12 1.0	
		[SFJC]						10.12-	115555 12 1.0	
		[SFJD]						10.12-	115555 12 1.0	
		[YYJC]						02.16-	115555 12 1.0	
B-Max 1.4		[SPJD]	10.12-	114883*	14	120		10.12-	111906 12 1.1	
B-Max 1.4 LPG		[RTJC]	08.13-	114883*	14	120		08.13-	111906 12 1.1	
B-Max 1.5 TDCi		[UGJC]	10.12-	114724	14	150		10.12-	113905 12 1.4 A49	
		[XVJA]	04.15-	114724	14	150		04.15-	113905 12 1.4 A49	
		[XVJC]	04.15-	114724	14	150		04.15-	113905 12 1.4 A49	
B-Max 1.6 Ti		[IOJA]	10.12-	114883*	14	120		10.12-	111906 12 1.1	
B-Max 1.6 TDCi		[T3JB]	10.12-	114724	14	150		10.12-	113905 12 1.4 A49	
Bronco II 2.9 i V6 4x4								01.88- 08.90	112016 12	
Capri 1.3		[J1E]	01.74- 06.85	110759	14	35		RHD 01.74- 06.85	110831 12 0.8	
			01.74- 06.85	111289	14	70		01.74- 08.77	110336 12 0.75	
			RHD 01.74- 08.77	111086	14	65				
Capri 1.3 1300		[EV13H]	01.71- 12.72	110759	14	35				
			01.71- 12.72	111289	14	70				
			09.72- 12.72	111086	14	65				
			RHD 01.71- 12.72	110178	14	36				
			RHD 09.72- 12.72	111086	14	65				
		[EV13L]	12.68- 04.74	110759	14	35				
			RHD 12.68- 04.74	110178	14	36				
		[KL13HC]	01.72- 12.72	110759	14	35				
			01.72- 12.72	111289	14	70				
		[KL13L]	01.69- 12.73	110759	14	35				
			01.69- 12.73	111289	14	70				
			RHD 01.69- 12.70	110178	14	36				
			RHD 09.72- 12.73	111086	14	65				
			09.72- 12.73	111086	14	65		10.72- 12.73	110336 12 0.75	
			RHD 09.72- 12.73	111086	14	65				
Capri 1.6		[LAC]	09.74- 12.77	111289	14	70		RHD 09.74- 12.77	110831 12 0.8	
			RHD 09.74- 12.77	111086	14	65				
		[LCE]	01.74- 12.77	111289	14	70		RHD 01.74- 12.77	110831 12 0.8	
			RHD 01.74- 12.77	111086	14	65		01.74- 12.77	110336 12 0.75	
		[LCN]	01.78- 04.87	111289	14	70		RHD 01.78- 04.87	110831 12 0.8	
			RHD 01.78- 04.87	111086	14	65		01.78- 04.87	110336 12 0.75	
		[LEC]	01.74- 12.77	111289	14	70		RHD 01.74- 12.77	110831 12 0.8	
			RHD 01.74- 12.77	111086	14	65		01.74- 12.77	110336 12 0.75	
Capri 1.6 1600		[LE]	08.72- 04.74	111289	14	70		08.72- 04.74	110336 12 0.75	
			RHD 01.70-	110179	14	36				
			RHD 09.72- 02.74	111086	14	65				
		[OHCTL16H]	08.72- 02.74	111086	14	65		RHD 08.72- 02.74	110336 12 0.75	
			08.72- 02.74	111289	14	70				
			RHD 08.72- 02.74	111086	14	65				
Capri 1.6 1600 GT				01.69- 10.72	111289	14	70			
Capri 1.7 1700				[TV17H]	12.68- 08.72	111289	14	70		
Capri 2.0				[NEN]	01.78- 12.85	111289	14	70	RHD 01.78- 12.85	110831 12 0.8
			RHD 01.78- 12.85	111086	14	65				
		[NWN]	04.76- 12.77	111289	14	70				
		[NYL]	01.78- 04.87	111289	14	70		01.78- 12.82	110831 12 0.8	
								08.85- 04.87	110842 12 1.4	
		[OHC2VHC]	01.78- 12.85	111289	14	70				
			11.81- 12.85	111086	14	65				
		[OHCTL20H]	04.74- 06.84	111289	14	70		04.74- 12.77	110831 12 0.8	
			RHD 04.74- 06.84	111086	14	65				
Capri 2.0 2000		[TV20H]	02.69- 08.72	111289	14	70				
			RHD 02.69- 08.72	110179	14	36				
			RHD 02.69- 08.72	111184	14	43				
			RHD 09.72- 02.74	111086	14	65				
		[TV20L]	02.69- 06.71	111289	14	70				
			RHD 02.69- 06.71	110179	14	36				
			RHD 02.69- 06.71	111184	14	43				
			RHD 09.72- 02.74	111086	14	65				
			02.69- 02.74	111289	14	70				
Capri 2.3		[YYE]	01.74- 12.77	111289	14	70				
			RHD 01.74- 12.77	111086	14	65				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**FORD** *Continued*

Capri 2.3 2300	[TV232H]	02.69- 04.74	111289	14	70					
		RHD 09.72- 04.74	111086	14	65					
	[TV23S]	08.69- 04.74	111289	14	70					
		RHD 09.72- 04.74	111086	14	65					
Capri 2.3 Super	[YYN]	06.79- 12.85	111289	14	70	08.85- 12.85	110842	12	1.4	
		RHD 06.79- 12.85	111086	14	65					
Capri 2.6 2600	[UY]	08.70- 04.74	111289	14	70					
		RHD 09.72- 04.74	111086	14	65					
Capri 2.8 i Super	[PRN]					08.85- 04.87	110842	12	1.4	
Capri 3.0	[HYF]	01.74- 12.78	111289	14	70					
		02.74- 12.78	111086	14	65					
		RHD 01.74- 12.77	111086	14	65					
Capri 3.0 3000	[HY]	08.72- 08.81	111086	14	65					
		RHD 08.72- 04.74	111086	14	65					
C-Max 1.0 Ecoboost	[SFDA]					10.12-	115555	12	1.0	
C-Max 1.5 TDCi	[XWDA]	03.15-	114724	14	150	03.15-	113908	12	1.2 A49	
						03.15-	115684	12	2.0	
						03.15-	116062	12	1.2	
	[XWDB]	03.15-	114724	14	150	03.15-	113908	12	1.2 A49	
						03.15-	115684	12	2.0	
						03.15-	116062	12	1.2	
						03.15-	113908	12	1.2 A49	
						03.15-	115684	12	2.0	
						03.15-	116062	12	1.2	
C-Max 1.5 TDCi ECONetic	[AEDA]					03.15-	113908	12	1.2 A49	
						03.15-	115684	12	2.0	
						03.15-	116062	12	1.2	
C-Max 1.6	[HWDA]	02.07-	114009	14	105					
	[HWDB]	02.07-	114009	14	105	02.07-	111906	12	1.1	
	[SHDA]	02.07-	114009	14	105	02.07-	111906	12	1.1	
	[SHDB]	02.07-	114009	14	105	02.07-	111906	12	1.1	
	[SHDC]	02.07-	114009	14	105	02.07-	111906	12	1.1	
C-Max 1.6 Ecoboost	[JQDA]	12.10-	115959*	14	120	12.10-	116049	12	1.2 A49	
	[JQDB]	12.10-	115959*	14	120	12.10-	116049	12	1.2 A49	
	[JTDA]	12.10-	115959*	14	120	12.10-	116049	12	1.2 A49	
	[JTDB]	12.10-	115959*	14	120	12.10-	116049	12	1.2 A49	
C-Max 1.6 LPG	[MUDA]	02.12-	114883*	14	120	02.12-	111906	12	1.1	
C-Max 1.6 Ti	[MUDA]	02.12-	114883*	14	120	02.12-	111906	12	1.1	
	[XTDA]	12.10-	114883*	14	120	12.10-	111906	12	1.1	
C-Max 1.6 Ti-CVT	[IQDA]	12.10-	114883*	14	120					
	[IQDB]	12.10-	114883*	14	120					
	[PNDA]	12.10-	114883*	14	120					
C-Max 1.6 CNG CNG		01.13-	114883*	14	120	01.13-	111906	12	1.1	
C-Max 1.6 Flexfuel	[MUDA]	02.11-	114883*	14	120	02.11-	111906	12	1.1	
C-Max 1.6 TDCi	[G8DA]	02.07-	113849	14	150	02.07-	113908	12	1.2 A49	
		02.07-	113922	14	120	02.07-	116062	12	1.2	
	[G8DB]	02.07-	113849	14	150	02.07-	113908	12	1.2 A49	
		02.07-	113922	14	120	02.07-	116062	12	1.2	
	[G8DD]	02.07-	113849	14	150	02.07-	113908	12	1.2 A49	
		02.07-	113922	14	120	02.07-	116062	12	1.2	
	[GPDA]	02.07-	113849	14	150	02.07-	113908	12	1.2 A49	
		02.07-	113922	14	120	02.07-	116062	12	1.2	
	[HHDA]	02.07-	113849	14	150	02.07-	113908	12	1.2 A49	
		02.07-	113922	14	120	02.07-	116062	12	1.2	
	[HHDB]	02.07-	113849	14	150	02.07-	113908	12	1.2 A49	
		02.07-	113922	14	120	02.07-	116062	12	1.2	
	[T1DA]	12.10-	114724	14	150	12.10-	113908	12	1.2 A49	
						12.10-	115684	12	2.0	
						12.10-	116062	12	1.2	
	[T1DA, T1DB]	12.10-	114724	14	150	12.10-	113908	12	1.2 A49	
						12.10-	116062	12	1.2	
[T1DB]	12.10-	114724	14	150	12.10-	113908	12	1.2 A49		
					12.10-	115684	12	2.0		
					12.10-	116062	12	1.2		
[T3DA]	12.10-	114724	14	150	12.10-	113908	12	1.2 A49		
					A25 12.10-	115684	12	2.0		
					12.10-	116062	12	1.2		
[T3DA, T3DB]	12.10-	114724	14	150	12.10-	113908	12	1.2 A49		
					12.10-	116062	12	1.2		
[T3DB]	12.10-	114724	14	150	12.10-	113908	12	1.2 A49		
					A25 12.10-	115684	12	2.0		
					12.10-	116062	12	1.2		
C-Max 1.8	[QODA]	02.07-	114065	14	120	02.07-	113906	12	1.2	
						02.07-	113907	12	1.2	
	[QODB]	02.07-	114065	14	120	02.07-	113906	12	1.2	
						02.07-	113907	12	1.2	
	[QODC]	02.07-	114065	14	120	02.07-	113907	12	1.2	
C-Max 1.8 FlexFuel	[O7DA]	02.07-	114065	14	120	02.07-	113906	12	1.2	
						02.07-	113907	12	1.2	
C-Max 1.8 TDCi	[KKDA]	AC, w/electrical heating system	02.07-	114248	14	150	02.07-	114092	12	2.0
		AC	02.07-	114250	14	120				
C-Max 2.0	[AODA]	AT	02.07-	114065	14	120	02.07-	113906	12	1.2
			02.07-	113978	14	120				
	[AODB]		02.07-	113978	14	120	02.07-	113906	12	1.2
			02.07-	114065	14	120				
	[AODE]		02.07-	113978	14	120	02.07-	113906	12	1.2
			02.07-	114065	14	120				
[SYDA]		02.07-	113978	14	120	02.07-	113906	12	1.2	
		02.07-	114065	14	120					
C-Max 2.0 CNG	[SYDA]	04.09-	113978	14	120					
C-Max 2.0 LPG	[SYDA]	06.08-	113978	14	120					
C-Max 2.0 TDCi	[G6DA]	02.07-	113849	14	150	02.07-	113911	12	2.2 A49	
		02.07-	113922	14	120					
	[G6DB]	02.07-	113849	14	150	02.07-	113911	12	2.2 A49	
		02.07-	113922	14	120					

## STARTERS & ALTERNATORS



	[G6DC]	02.07-02.07-	113849113922	14 15014 120		02.07-	113911	12 2.2	A49
	[G6DD]	02.07-02.07-	113849113922	14 15014 120		02.07-	113911	12 2.2	A49
	[G6DE]	02.07-02.07-	113849113922	14 15014 120		02.07-	113911	12 2.2	A49
	[G6DF]	02.07-02.07-	113849113922	14 15014 120		02.07-	113911	12 2.2	A49
	[G6DG]	02.07-02.07-	113849113922	14 15014 120		02.07-	113911	12 2.2	A49
	[IXDA]	02.07-02.08-	113849113922	14 15014 120		02.08-	113911	12 2.2	A49
	[TXDB]					12.10-	113911	12 2.2	A49
	[TYDA]					02.11-	113911	12 2.2	A49
	[UFDB]					02.11-	113911	12 2.2	A49
Consul 1.7 1700	[TV17H]	01.72-02.76	110759	14 35					
	[TV17L]	01.72-12.75	110759	14 35					
Consul 2.0 2000	[TL20H]	03.72-02.76	110759	14 35					
		03.72-02.75	111086	14 65					
		03.72-02.76	110759	14 35					
		01.72-12.74	111086	14 65					
Consul 2.3 2300	[TV23H]	03.72-02.75	110759	14 35					
Consul 3.0 3000	[EV30H]	01.72-12.74	111086	14 65					
Cortina 1.3 1300		RHD 01.70-03.72	110178	14 36		01.71-03.72	110336	12 0.75	
		03.72	110178	14 36					
		09.69-03.72	110179	14 36					
Cortina 1.6 1600		09.69-03.72	110178	14 36		01.71-03.72	110336	12 0.75	
		09.69-03.72	110179	14 36					
Cortina 1.6 1600 GT		10.70-03.72	110178	14 36		01.71-03.72	110336	12 0.75	
		10.70-03.72	110179	14 36					
Cortina 2.0 2000		RHD 01.70-01.72	110178	14 36					
		01.70-01.72	110179	14 36					
		01.71-01.72	110178	14 36					
Cougar 2.0 16V	[EDBA]	08.98-	112198#	14 105		08.98-AT 08.98-	112235112340	12 1.4	
	[EDBB]	08.98-	112198#	14 105		AT 08.98-12.00	112340	12 1.4	
	[EDBC]	08.98-	112198#	14 105		AT 08.98-12.00	112340	12 1.4	
	[EDBD]	08.98-	112198#	14 105		AT 08.98-12.00	112340	12 1.4	
Cougar 2.5 i ST 200	[SGA]	01.00-12.01	112939	14 130		01.00-	111374	12 1.5	
Cougar 2.5 V6 24V	[LCBA]	08.98-12.01	112939	14 130		08.98-	111374	12 1.5	
	[LCBB]					08.98-12.00	111374	12 1.5	
	[LCBC]					06.00-	111374	12 1.5	
	[LCBE]					08.98-12.00	111374	12 1.5	
E Series 5.8		01.92-01.93	111200	14 130					
Econovan 1.4	[UC]	08.85-03.92	110136	14 50					
Econovan 2.0 Diesel	[RF]	03.86-03.92	110699	14 50		09.85-03.92	110389	12 2.0	
		03.86-03.92	110706	14 60					
Ecosport 1.5 Ti	[UEJB]	10.13-	114883*	14 120		10.13-	111906	12 1.1	
Ecosport 1.5 TDCi	[UGJE]	10.13-	114724	14 150		10.13-	113905	12 1.4	A49
	[XVJD]	05.15-	114724	14 150		05.15-	113905	12 1.4	A49
Escort 1.1	[G1]	10.74-08.80	110759	14 35		RHD 11.75-08.80	110831	12 0.8	
		RHD 12.74-08.80	110178	14 36		10.74-08.80	110336	12 0.75	
		RHD 12.74-08.80	111185	14 43 A47					
	[G2]	10.74-08.80	110759	14 35		10.74-08.80	110336	12 0.75	
		RHD 12.74-08.80	110178	14 36		RHD 11.75-08.80	110831	12 0.8	
		RHD 12.74-08.80	111185	14 43 A47					
	[GLB]	09.80-12.85	110759	14 35		RHD 09.80-12.85	110831	12 0.8	
		09.80-12.85	111289	14 70		09.80-08.83	111131	12 0.8	
		09.80-08.83	111362	14 55					
	[GMA]	09.80-08.83	110759	14 35		09.80-08.83	111131	12 0.8	
		09.80-08.83	111289	14 70					
	[GPA]	09.80-08.83	111289	14 70					
	[GSE]	09.80-05.83	110759	14 35		RHD 09.80-12.85	110831	12 0.8	
		09.80-05.83	111289	14 70					
	[CSG]	10.85-07.90	111289	14 70		A13 01.86-07.90	111131	12 0.8	
		12.85-07.90	110891	14 70 A47					
		01.86-07.90	111362	14 55					
Escort 1.1 1100	[G1]	01.68-12.74	110178	14 36		01.68-02.76	110336	12 0.75	
		01.75-08.80	110759	14 35		RHD 11.75-02.76	110831	12 0.8	
		RHD 01.75-02.76	110179	14 36					
	[G2]	06.70-12.74	110178	14 36		06.70-02.76	110336	12 0.75	
		01.75-08.80	110759	14 35		RHD 11.75-02.76	110831	12 0.8	
		RHD 01.75-02.76	110179	14 36					
Escort 1.1 Express	[GLB]	03.81-05.83	110759	14 35		RHD 03.81-12.85	110831	12 0.8	
		03.81-12.85	111289	14 70					
	[CSG]	05.86-07.90	110891	14 70 A47		A13 05.86-07.90	111131	12 0.8	
		05.86-07.90	111289	14 70					
		05.86-07.90	111362	14 55					
Escort 1.3	[J1]	08.76-08.80	110759	14 35		RHD 08.76-08.80	110831	12 0.8	
		RHD 08.76-08.80	110178	14 36		08.76-08.80	110336	12 0.75	
		RHD 08.76-07.81	111185	14 43 A47					
	[J1F]	12.74-08.80	110759	14 35		RHD 11.75-08.80	110831	12 0.8	
		RHD 12.74-08.80	110178	14 36		12.74-08.80	110336	12 0.75	
		RHD 12.74-08.80	111185	14 43 A47					
	[J2]	12.74-08.80	110759	14 35		RHD 11.75-08.80	110831	12 0.8	
		RHD 12.74-08.80	110178	14 36		12.74-08.80	110336	12 0.75	
		RHD 12.74-08.80	111185	14 43 A47					
	[J3]	12.74-08.80	110759	14 35		RHD 11.75-08.80	110831	12 0.8	
		RHD 12.74-08.80	110178	14 36		12.74-08.80	110336	12 0.75	
		RHD 12.74-08.80	111185	14 43 A47					
	[J4B]	07.90-10.98	110891	14 70 A47		07.90-09.01	111131	12 0.8	
		07.90-10.00	111362	14 55		09.92-01.02	113701	12 1.1	
		01.95-10.00	111289	14 70					
	[J6A]	07.90-02.99	110891	14 70 A47		07.90-10.00	111131	12 0.8	
		07.90-10.00	111289	14 70		01.95-01.02	113701	12 1.1	
		07.90-10.00	111362	14 55					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

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	[JBA]	07.88- 10.90 110891	14 70 A47	07.88- 07.90	111131	12 0.8
		07.88- 07.90 111362	14 55			
	[JBB]	01.86- 07.90 110891	14 70 A47	A13 08.88- 07.90	111131	12 0.8
		08.88- 07.90 111289	14 70			
		08.88- 07.90 111362	14 55			
	[JLA]	01.86- 07.90 110891	14 70 A47	A13 01.86- 07.90	111131	12 0.8
		01.86- 07.90 111289	14 70			
		01.86- 07.90 111362	14 55			
	[JLB]	01.86- 07.90 110891	14 70 A47	A13 01.86- 07.90	111131	12 0.8
		01.86- 07.90 111289	14 70			
		01.86- 07.90 111362	14 55			
	[JPA]	09.80- 05.83 110759	14 35			
		03.81- 12.85 111289	14 70			
	[KL13H]	01.75- 08.80 110759	14 35	RHD 11.75- 08.80	110831	12 0.8
		RHD 01.75- 08.80 110178	14 36	01.75- 08.80	110336	12 0.75
		RHD 04.75- 01.79 111185	14 43 A47			
		11.86- 07.88 111362	14 55	11.86- 07.88	111131	12 0.8
Escort 1.3 1300	[J1F]	09.73- 12.74 110178	14 36	09.73- 02.76	110336	12 0.75
		01.75- 08.80 110759	14 35	RHD 11.75- 02.76	110831	12 0.8
		RHD 01.75- 02.76 110179	14 36			
	[J2]	06.70- 12.74 110178	14 36	06.70- 02.76	110336	12 0.75
		01.75- 08.80 110759	14 35	RHD 11.75- 02.76	110831	12 0.8
		RHD 01.75- 02.76 110179	14 36			
	[J3D]	06.70- 12.74 110178	14 36	06.70- 02.76	110336	12 0.75
		01.75- 08.80 110759	14 35	RHD 11.75- 02.76	110831	12 0.8
		RHD 01.75- 02.76 110179	14 36			
Escort 1.3 Express	[JBA]	07.88- 07.90 110891	14 70 A47	07.88- 07.90	111131	12 0.8
		07.88- 07.90 111362	14 55			
	[JBB]	02.86- 07.90 110891	14 70 A47	A13 02.86- 07.92	111131	12 0.8
		02.86- 07.92 111289	14 70			
		02.86- 07.92 111362	14 55			
	[JBD]	07.90- 12.94 110891	14 70 A47	07.90- 12.94	111131	12 0.8
		07.90- 12.94 111362	14 55			
	[JLA]	02.86- 07.90 110891	14 70 A47	A13 02.86- 07.92	111131	12 0.8
		02.86- 07.92 111289	14 70			
		02.86- 07.92 111362	14 55			
	[JLB]	02.86- 07.90 110891	14 70 A47	A13 02.86- 07.92	111131	12 0.8
		02.86- 07.92 111289	14 70			
		02.86- 07.92 111362	14 55			
	[JPA]	03.81- 05.83 110759	14 35			
		03.81- 12.85 111289	14 70			
Escort 1.4	[F4B]	07.90- 01.95 111362	14 55	01.95- 09.01	111750	12 1.4
		08.90- 01.95 110891	14 70 A47	07.90- 01.95	111131	12 0.8
		02.94- 09.01 111289	14 70			
		PS 07.90- 01.95 111293	14 70			
		PS 01.95- 112680	14 70			
		AC 07.90- 01.95 111293	14 70			
	[F6B]	01.86- 07.90 110891	14 70 A47	A13 01.86- 07.90	111131	12 0.8
		01.86- 07.90 111289	14 70			
		01.86- 07.90 111362	14 55			
	[F6D]	01.86- 07.90 110891	14 70 A47	A13 01.86- 07.90	111131	12 0.8
		01.86- 07.90 111289	14 70			
		01.86- 07.90 111362	14 55			
	[F6F]	07.90- 01.95 110891	14 70 A47	07.90- 12.94	111131	12 0.8
		07.90- 12.94 111362	14 55			
		PS 07.90- 09.92 111293	14 70			
		AC 07.90- 09.92 111293	14 70			
	[F6G]	07.90- 01.95 110891	14 70 A47	07.90- 12.94	111131	12 0.8
		07.90- 12.94 111362	14 55			
		PS 07.90- 09.92 111293	14 70			
		AC 07.90- 09.92 111293	14 70			
	[FUA]	01.86- 07.90 110891	14 70 A47	A13 01.86- 07.90	111131	12 0.8
		01.86- 07.90 111289	14 70			
		01.86- 07.90 111362	14 55			
	[FUC]	01.86- 07.90 110891	14 70 A47	A13 01.86- 07.90	111131	12 0.8
		01.86- 07.90 111289	14 70			
		01.86- 07.90 111362	14 55			
	[FUH]	07.90- 01.95 111362	14 55	07.90- 01.95	111131	12 0.8
		08.90- 01.95 110891	14 70 A47			
		08.93- 09.01 111289	14 70			
		PS 07.90- 01.95 111293	14 70			
		PS 01.95- 112680	14 70			
		AC 07.90- 01.95 111293	14 70			
	[FUAA]	10.85- 10.90 110891	14 70 A47	A13 10.85- 10.90	111131	12 0.8
		10.85- 10.90 111362	14 55			
		10.85- 10.90 110891	14 70 A47	10.85- 10.90	111131	12 0.8
		10.85- 10.90 111289	14 70			
Escort 1.4 Express	[F4B]	01.95- 111289	14 70	01.95-	111131	12 0.8
		01.95- 111362	14 55			
		PS 01.95- 112680	14 70			
	[F6F]	07.90- 12.94 110891	14 70 A47	07.90- 12.94	111131	12 0.8
		07.90- 12.94 111362	14 55			
		PS 07.90- 09.92 111293	14 70			
		AC 07.90- 09.92 111293	14 70			
	[F6G]	07.90- 12.94 110891	14 70 A47	07.90- 12.94	111131	12 0.8
		07.90- 12.94 111362	14 55			
		PS 07.90- 09.92 111293	14 70			
		AC 07.90- 09.92 111293	14 70			
Escort 1.4 i	[F4B]	07.93- 01.95 110891	14 70 A47	07.93- 01.95	111131	12 0.8
		07.93- 01.95 111362	14 55			
Escort 1.4 i Express	[F6B]	01.86- 111289	14 70	A13 01.86-	111131	12 0.8
		01.86- 111362	14 55			
		02.86- 110891	14 70 A47			
	[F6D]	01.86- 111289	14 70	A13 01.86-	111131	12 0.8
		01.86- 111362	14 55			
		02.86- 110891	14 70 A47			





	[FUC]	01.86- 01.86- 02.86-	111289 111362 110891	14 70 14 55 14 70		A13 01.86-	111131	12 0.8	
Escort 1.6	[LGA]	01.82- 05.83 01.82- 05.83	110759 111289	14 35 14 70					
	[LJF]	07.90- 12.92 07.90- 12.92 PS 07.90- 09.92 AC 07.90- 09.92	110891 111362 111293 111293	14 70 14 55 14 70 14 70	A47	07.90- 09.92	111131	12 0.8	
	[LP1]	09.80- 05.83 09.80- 12.85	110759 111289	14 35 14 70					
	[LP2]	01.86- 12.94 01.86- 07.90 01.86- 12.94	110891 111289 111362	14 70 14 70 14 55	A47	A13 01.86- 07.90	111131	12 0.8	
	[LPA]	09.80- 05.83 09.80- 12.85	110759 111289	14 35 14 70					
	[LUA]	09.80- 05.83 09.80- 02.85	110759 111289	14 35 14 70					
	[LUG]	01.86- 07.90 01.86- 07.90 04.89- 07.90	111289 111362 110891	14 70 14 55 14 70		A13 01.86- 07.90	111131	12 0.8	
	[LUJ]	07.90- 08.92 07.90- 12.94 PS 07.90- 08.92 AC 07.90- 08.92	110891 111362 111293 111293	14 70 14 55 14 70 14 70	A47	07.90- 12.94	111131	12 0.8	
	[LUK]	07.90- 08.92 07.90- 12.94 PS 07.90- 08.92 AC 07.90- 08.92	110891 111362 111293 111293	14 70 14 55 14 70 14 70	A47	07.90- 12.94	111131	12 0.8	
	Escort 1.6 RS	[LC]	12.74- 08.80	110759	14 35		12.74- 08.80 RHD 11.75- 08.80	110336 110831	12 0.75 12 0.8
	Escort 1.6 XR3i	[LR1]	10.82- 12.85 10.82- 12.85	111289 111362	14 70 14 55				
		[LR2]	01.86- 07.90 01.86- 07.90 01.86- 07.90	110891 111289 111362	14 70 14 70 14 55	A47	01.86- 07.90 01.86- 08.89	111750 111131	12 1.4 12 0.8
		[LRA]	10.82- 12.85 10.82- 12.85	111289 111362	14 70 14 55				
		[LRB]	01.86- 07.90 01.86- 07.90 01.86- 07.90	110891 111289 111362	14 70 14 70 14 55	A47	01.86- 07.90 01.86- 08.89	111750 111131	12 1.4 12 0.8
[L1E]		02.95- PS 02.95- 07.00	111293 112680	14 70 14 70					
Escort 1.6 16V		[L1E]	02.95- PS 02.95-	111293 112680	14 70 14 70				
Escort 1.6 16V 4x4	[L1E]	02.95- PS 02.95-	111293 112680	14 70 14 70					
	[L1E]	12.92- 01.95 02.93- 01.95 02.93- 01.95 PS 02.95-	110891 111293 111362 112680	14 70 14 70 14 55 14 70	A47	02.93- 01.95	111750	12 1.4	
	[L1H]	02.95- PS 02.95-	111293 112680	14 70 14 70					
Escort 1.6 i 16V	[L1E]	09.92- 01.95 09.92- 01.95 09.92- 01.95	110891 111293 111362	14 70 14 70 14 55	A47	09.92- 01.95	111750	12 1.4	
	[L1H]	01.94- 01.95 01.94- 01.95 01.94- 01.95 PS 01.95- 08.95	110891 111293 111362 112680	14 70 14 70 14 55 14 70	A47	01.94- 01.95 01.95- 10.00	111750 112235	12 1.4 12 1.4	
	[L1E]	09.92- 01.95 09.92- 01.95 PS 02.95-	111293 112680 112680	14 70 14 70 14 70		09.92- 01.95	111750	12 1.4	
	[L1K]	08.93- 01.95 08.93- 12.94 07.94- 12.94 02.95- PS 02.95-	110891 111362 112680 111293 112680	14 70 14 55 14 70 14 70 14 70	A47				
Escort 1.6 i	[L4B]	07.85- 07.90 01.86- 07.90 01.86- 07.90	111289 110891 111362	14 70 14 70 14 55	A47	01.86- 07.90 01.86- 09.92	111750 111131	12 1.4 12 0.8	
	[LJB]	08.89- 07.90 08.89- 07.90 08.89- 07.90	110891 111289 111362	14 70 14 70 14 55	A47	08.89- 07.90	111750	12 1.4	
	[LR1]	09.83- 12.85	111289	14 70					
	[LRA]	09.83- 12.85	111289	14 70					
	[LUAE]	05.82- 12.85	111289	14 70					
	[LNA]	11.84- 12.85 11.84- 12.85	111289 111362	14 70 14 55					
	[LNB]	01.86- 07.90 01.86- 07.90 01.86- 07.90	110891 111289 111362	14 70 14 70 14 55	A47	01.86- 07.90	111131	12 0.8	
	[LTA]	04.84- 01.89 04.84- 01.89	111364 111368	14 55 14 70		04.84- 12.85	110867	12 1.7	
Escort 1.6 Diesel	[LTC]	01.86- 01.89 01.86- 01.89 01.86- 01.89	111176 111364 111368	14 75 14 55 14 70	A47	01.86- 01.89	110867	12 1.7	
	[LTA]	04.84- 01.89 04.84- 01.89	111364 111368	14 55 14 70		02.84- 07.90 04.84- 01.89	110227 110867	12 12 1.7	
	[LTA]	04.84- 01.89	111364	14 55					
Escort 1.6 Diesel Express	[RDA]	02.92- 08.95 PS 01.95- 08.95	111293 112680	14 70 14 70		01.95- 10.00 02.92- 12.94	112235 111750	12 1.4 12 1.4	
	[RKC]	01.95- PS 01.95-	111293 112680	14 70 14 70		01.95- 10.00	112235	12 1.4	
	[RDA]	02.92- 01.95 PS 10.95-	111293 112680	14 70 14 70		02.92- 01.95	111750	12 1.4	
Escort 1.8 16V	[RDA]	02.92- 01.95 PS 10.95-	111293 112680	14 70 14 70		02.92- 01.95	111750	12 1.4	
	[RKC]	01.95- PS 01.95-	111293 112680	14 70 14 70					
Escort 1.8 16V XR3i	[RDA]	02.92- 01.95 PS 10.95-	111293 112680	14 70 14 70		02.92- 01.95	111750	12 1.4	
	[RKC]	01.95- PS 01.95-	111293 112680	14 70 14 70					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**FORD** *Continued*

	[ROB]	02.92- 01.95	111293	14 70		02.92- 01.95	111750	12 1.4
		PS 10.95-	112680	14 70				
Escort 1.8 16V XR3i 4x4	[RDA]	08.93- 01.95	111293	14 70		08.93- 01.95	111750	12 1.4
	[ROB]	08.93- 01.95	111293	14 70		08.93- 01.95	111750	12 1.4
Escort 1.8 i16V	[RDA]	09.92- 01.95	111293	14 70		09.92- 01.95	111750	12 1.4
	[ROB]	02.93- 01.95	111293	14 70		02.93- 01.95	111750	12 1.4
Escort 1.8 Diesel	[RFD]	02.93- 01.95	111356	14 55		02.93- 01.95	110867	12 1.7
						02.93- 01.95	112290	12 2.2
	[RFK]	02.93- 01.95	111356	14 55		02.93- 01.95	110867	12 1.7
						02.93- 01.95	112290	12 2.2
	[RTA]	01.89- 07.90	111356	14 55		01.89- 07.90	110867	12 1.7
		01.89- 07.90	111364	14 55	A13	01.89- 07.90	112290	12 2.2
		01.89- 07.90	111368	14 70		07.88- 07.90	110227	12
	RHD	01.89- 07.90	111356	14 55				
	[RTB]	01.89- 07.90	111356	14 55		07.88- 07.90	110867	12 1.7
		01.89- 07.90	111364	14 55	A13	01.89- 07.90	112290	12 2.2
		01.89- 07.90	111368	14 70		07.88- 07.90	110227	12
	RHD	01.89- 07.90	111356	14 55				
	[RTE]	07.90- 02.99	111356	14 55		07.90- 02.99	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 02.99	112290	12 2.2
		07.90- 12.94	111368	14 70				
		PS 01.95- 02.99	112121	14 70				
	AC	01.95- 02.99	112325	14 70				
	[RTF]	07.90- 02.99	111356	14 55		07.90- 02.99	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 02.99	112290	12 2.2
		07.90- 12.94	111368	14 70				
		PS 01.95- 02.99	112121	14 70				
		PS 01.95- 02.99	112325	14 70				
	AC	01.95- 02.99	112325	14 70				
	[RTH]	07.90- 02.99	111356	14 55		07.90- 02.99	112290	12 2.2
		07.90- 01.95	111364	14 55		07.90- 02.99	110867	12 1.7
		07.90- 01.95	111368	14 70				
		PS 01.95- 02.99	112121	14 70				
	AC	01.95- 02.99	112325	14 70				
Escort 1.8 Diesel Express	[RTF]	01.95-	111356	14 55		01.95-	110867	12 1.7
		01.95-	112325	14 70		01.95-	112290	12 2.2
	[RTH]	07.90- 12.94	111356	14 55		07.90- 12.94	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.94	112290	12 2.2
		07.90- 12.94	111368	14 70				
		01.95-	112325	14 70				
Escort 1.8 TD	[RFD]	02.93- 09.01	111356	14 55		02.93- 07.00	110867	12 1.7
		02.93- 07.00	112325	14 70		02.93- 07.00	112290	12 2.2
	PS	01.97- 09.01	112121	14 70				
	[RFK]	02.93- 09.01	111356	14 55		02.93- 07.00	110867	12 1.7
		02.93- 10.98	112325	14 70		02.93- 07.00	112290	12 2.2
	PS	01.95- 09.01	112121	14 70				
	[RFS]	02.93- 01.95	111356	14 55		02.93- 01.95	110867	12 1.7
		PS 02.93- 01.95	112325	14 70		02.93- 01.95	112290	12 2.2
	AC	02.93- 01.95	112325	14 70				
	[RVA]	01.95- 08.99	111356	14 55		01.95- 09.01	112290	12 2.2
		01.95- 09.99	112325	14 70		01.95- 09.01	110867	12 1.7
		01.97- 09.01	112121	14 70				
Escort 1.8 TD Express	[RVA]	12.95- 10.98	112325	14 70		12.95- 10.98	112290	12 2.2
	PS	01.97- 06.01	112121	14 70		12.95- 10.98	110867	12 1.7
Escort 2.0 RS	[NE]	03.73- 08.80	111086	14 65				
Escort 2.0 RS 2000	[N7A]	09.92- 02.98	110891	14 70 A47		09.92- 01.95	111750	12 1.4
Escort 2.0 RS 2000 4x4	[N7A]	08.93- 01.95	110891	14 70 A47				
Escort 2.0 16V RS 2000	[N7A]	05.91- 12.92	110891	14 70 A47		05.91- 12.92	111750	12 1.4
Escort 2.0 16V RS Cosworth 4x4	[N5F]					02.95- 10.98	111131	12 0.8
Explorer 4.0 V6		01.93-	111200	14 130		01.93-	111844	12 1.4
Explorer 4.0 V6 4x4		05.98-	112946	14 130				
Fiesta 0.9	[TKW]	05.76- 08.83	111289	14 70				
Fiesta 1.0	[P4JA]					10.12-	115555	12 1.0
	[P4JB]					10.12-	115555	12 1.0
	[TKA]	05.76- 11.86	111289	14 70				
	[TKB]	08.83- 11.89	111362	14 55	A13	08.83- 11.89	111131	12 0.8
		09.83- 02.89	111289	14 70				
	[TLA]	05.76- 08.83	111289	14 70				
	[TLB]	03.89- 12.95	110891	14 70 A47		03.89- 12.95	111131	12 0.8
		03.89- 12.95	111362	14 55				
	RHD		111362	14 55				
	[XMJA]					01.13-	115555	12 1.0
	[XMJB]					01.13-	115555	12 1.0
	[YYJA]					05.14-	115555	12 1.0
	[YYJB]					05.14-	115555	12 1.0
Fiesta 1.0 EcoBoost	[M1JE]					09.12-	115555	12 1.0
	[SFJA]					01.13-	115555	12 1.0
	[SFJB]					01.13-	115555	12 1.0
Fiesta 1.0 i	[C4E]	09.99-	113447	14 70				
	[ZH10JRB]	02.97- 09.99	113447	14 70				
Fiesta 1.1	[G6A]	03.89- 12.95	110891	14 70 A47		03.89- 12.95	111131	12 0.8
		03.89- 12.95	111362	14 55				
	[GL1]	10.77- 11.86	111289	14 70				
	[GLA]	05.76- 11.86	111289	14 70				
	[GLC]	09.83- 02.89	111289	14 70	A13	09.83- 02.89	111131	12 0.8
		09.83- 02.89	111362	14 55				
	[GLW]	08.81- 08.83	111289	14 70				
	[GSF]	09.83- 02.89	111289	14 70	A13	09.83- 02.89	111131	12 0.8
		09.83- 02.89	111362	14 55				
	[GSH]	01.86- 02.89	111362	14 55 A31	A13	05.86- 02.89	111131	12 0.8
		05.86- 02.89	111289	14 70				
	[GUD]	03.89- 12.95	110891	14 70 A47		03.89- 12.95	111131	12 0.8
		03.89- 12.95	111362	14 55				
	[GUE]	03.89- 12.95	110891	14 70 A47		03.89- 12.95	111131	12 0.8
		03.89- 12.95	111362	14 55				
Fiesta 1.2	[SNJB]	06.08-	114883*	14 120		06.08-	111906	12 1.1

## STARTERS & ALTERNATORS



	[STJB]	06.08-	114883*	14	120		06.08-	111906	12	1.1
Fiesta 1.2 16V	[FUJA]						05.02-	111906	12	1.1
	[FUJB]	AC 05.02-	114129	14	90		05.02-	111906	12	1.1
	[M7JA]	AC 03.03-	114129	14	90		03.03-	111906	12	1.1
	[M7JB]	AC 03.03-	114129	14	90		03.03-	111906	12	1.1
Fiesta 1.2 i 16V	[DHA]	08.95- 01.02	113952	14	70		10.95-	111906	12	1.1
	[DHB]	08.95- 01.02	113952	14	70		10.98-	111906	12	1.1
	[DHC]	08.95- 01.02	113952	14	70		11.95-	111906	12	1.1
	[DHD]	08.95- 01.02	113952	14	70		08.95-	111906	12	1.1
	[DHE]	02.00- 01.02	113952	14	70		08.95-	111906	12	1.1
	[DHF]	02.00- 01.02	113952	14	70		08.95-	111906	12	1.1
	[DHG]	02.00- 01.02	113952	14	70		08.95-	111906	12	1.1
	[A9JA]	11.01-	113883	14	90		11.01-	114162	12	1.1
Fiesta 1.3	[A9JB]	11.01-	113883	14	90		11.01-	114162	12	1.1
	[BAJA]	11.01-	113883	14	90		11.01-	114162	12	1.1
	[J3E]	08.77- 08.83	111289	14	70					
		10.81- 08.83	111362	14	55					
	[J4C]						02.96-	113701	12	1.1
		PS 02.96-	113447	14	70		02.96-	111680	12	1.1
	[J6B]	05.91- 02.96	111362	14	55		01.95- 10.98	113701	12	1.1
		01.97	110891	14	70	A47	05.91- 02.96	111131	12	0.8
	[JBC]	03.89- 12.92	110891	14	70	A47	03.89- 12.95	111131	12	0.8
		06.91- 12.95	111362	14	55					
	RHD 02.84- 12.88	111364	14	55						
	RHD 02.84- 12.96	111368	14	70						
[JPC]	09.83- 01.87	110891	14	70	A47	A13 01.86- 01.87	111131	12	0.8	
	09.83- 01.87	111289	14	70						
	09.83- 01.87	111362	14	55						
	RHD 02.84- 01.87	111364	14	55						
	RHD 02.84- 01.87	111368	14	70						
Fiesta 1.3 i	[J4C]	08.95- 01.02	113833	14	90		08.95- 01.02	113701	12	1.1
		PS 01.96-	113447	14	70		08.95- 01.02	111680	12	1.1
	[J4J]	08.95- 01.02	113833	14	90		08.95- 01.02	113701	12	1.1
		PS 10.98-	113447	14	70		08.95- 01.02	111680	12	1.1
	[J4L]	08.95-	111362	14	55		08.95- 01.02	111680	12	1.1
		08.95- 01.02	113833	14	90		08.95- 01.02	113701	12	1.1
		PS 03.00-	113447	14	70					
		AC 08.95- 02.00	113447	14	70					
	[J4Q]	08.95-	111362	14	55		08.95- 01.02	111680	12	1.1
		08.95- 01.02	113833	14	90		08.95- 01.02	113701	12	1.1
		PS 03.00-	113447	14	70					
		AC 08.95- 02.00	113447	14	70					
	[J4R]	08.95-	111362	14	55		08.95- 01.02	111680	12	1.1
		08.95- 01.02	113833	14	90		08.95- 01.02	113701	12	1.1
		PS 03.00-	113447	14	70					
		AC 08.95- 02.00	113447	14	70					
	[J4T]	08.95-	111362	14	55		08.95- 01.02	111680	12	1.1
		08.95- 01.02	113833	14	90		08.95- 01.02	113701	12	1.1
		PS 03.00-	113447	14	70					
		AC 08.95- 02.00	113447	14	70					
	[JBC]	08.95-	111362	14	55		08.95- 01.02	111680	12	1.1
		08.95- 01.02	113833	14	90		08.95- 01.02	113701	12	1.1
		PS 03.00-	113447	14	70					
		AC 08.95- 02.00	113447	14	70					
	[JJA]	08.85- 01.02	113833	14	90		02.96-	113701	12	1.1
		PS 01.96-	113447	14	70		08.95- 01.02	111680	12	1.1
	[JJC]	01.02-	113833	14	90		02.96-	113701	12	1.1
		PS 10.98-	113447	14	70		08.95- 01.02	111680	12	1.1
	[JJE]	01.02-	113833	14	90		02.96-	113701	12	1.1
		PS 03.00-	113447	14	70		08.95- 01.02	111680	12	1.1
	AC 08.95- 02.00	113447	14	70						
[JJI]	01.02-	113833	14	90		08.95- 01.02	111680	12	1.1	
	08.95-	111362	14	55		02.96-	113701	12	1.1	
	PS 03.00-	113447	14	70						
	AC 08.95- 02.00	113447	14	70						
[JJK]	01.02-	113833	14	90		08.95- 01.02	111680	12	1.1	
	08.95-	111362	14	55		02.96-	113701	12	1.1	
	PS 03.00-	113447	14	70						
	AC 08.95- 02.00	113447	14	70						
[JJM]	01.02-	113833	14	90		08.95- 01.02	111680	12	1.1	
	08.95-	111362	14	55		02.96-	113701	12	1.1	
	PS 08.95-	113447	14	70						
	AC 08.95- 02.00	113447	14	70						
Fiesta 1.4	[F4A]	03.89- 12.95	111176	14	75	A47	01.94- 12.95	111131	12	0.8
		01.94- 12.95	111364	14	55		01.94- 12.95	111750	12	1.4
	[F6A]	10.86- 02.89	110891	14	70	A47	A13 10.86- 02.89	111131	12	0.8
		10.86- 02.89	111362	14	55					
		RHD 10.86- 02.89	111364	14	55					
		RHD 10.86- 02.89	111368	14	70					
	[F6C]	10.86- 02.89	110891	14	70	A47	A13 10.86- 02.89	111131	12	0.8
		10.86- 02.89	111362	14	55					
		RHD 10.86- 02.89	111364	14	55					
		RHD 10.86- 02.89	111368	14	70					
	[F6E]	03.89- 12.95	111176	14	75	A47	03.89- 12.95	111131	12	0.8
							11.91- 12.95	111750	12	1.4
	[FUB]	09.83- 02.89	111362	14	55		A13 01.86- 02.89	111131	12	0.8
		10.85- 11.89	110891	14	70	A47				
	RHD 09.83- 12.95	111364	14	55						
	RHD 09.83- 12.95	111368	14	70						
[FUBA]	09.83- 01.87	110891	14	70	A47					
[FUD]	02.87- 02.89	110891	14	70	A47	A13 02.87- 02.89	111131	12	0.8	
	02.87- 02.89	111176	14	75	A47					
	02.87- 02.89	111362	14	55						
	RHD 02.87- 02.89	111364	14	55						
	RHD 02.87- 02.89	111368	14	70						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

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	[FUG]	03.89- 12.95	111176	14 75	A47	03.89- 12.95	111131	12 0.8
		03.89- 12.95	111364	14 55		11.91- 12.95	111750	12 1.4
	[FUJ]	03.89- 12.95	111176	14 75	A47	03.89- 12.95	111131	12 0.8
		03.89- 12.95	111364	14 55		11.91- 12.95	111750	12 1.4
	[SPJA]	10.08-	114883*	14 120		10.08-	111906	12 1.1
	[SPJC]	10.08-	114883*	14 120		10.08-	111906	12 1.1
Fiesta 1.4 i 16V	[FHA]	04.96- 01.02	113952	14 70		10.95-	111906	12 1.1
	[FHE]	04.96- 01.02	113952	14 70		04.96- 12.00	111906	12 1.1
	[FXJA]	AC 11.01-	114129	14 90		11.01-	111906	12 1.1
	[FXJB]					11.01-	111906	12 1.1
Fiesta 1.4 i	[FHA]	04.96- 10.99	113952	14 70		04.96-	111906	12 1.1
Fiesta 1.4 LPG	[RTJA]	01.09-	114883*	14 120		01.09-	111906	12 1.1
	[RTJB]	01.09-	114883*	14 120		01.09-	111906	12 1.1
Fiesta 1.4 TDCi	[F6JA]	11.01-	113912	14 80		11.01-	113905	12 1.4 A49
		11.01-	114128	14 150				
	[F6JB]	11.01-	113912	14 80		11.01-	113905	12 1.4 A49
		11.01-	114128	14 150				
	[F6JD]					07.10-	113905	12 1.4 A49
	[KVJA]	07.10-	114724	14 150		07.10-	113905	12 1.4 A49
		07.10-	114866	14 120				
Fiesta 1.5 TDCi	[UGJC]					09.12-	113905	12 1.4 A49
	[XVJB]					05.15-	113905	12 1.4 A49
	[XVJC]					05.15-	113905	12 1.4 A49
Fiesta 1.6	[HXJA]	10.08-	114883*	14 120		10.08-	111906	12 1.1
	[HXJB]	10.08-	114883*	14 120		10.08-	111906	12 1.1
	[LUH]	01.89- 01.94	111176	14 75	A47	11.91- 01.94	111750	12 1.4
		01.89- 01.94	111364	14 55		01.89- 01.94	111131	12 0.8
		RHD 01.89-	111086	14 65				
Fiesta 1.6 ST	[JTJA]					03.13-	116049	12 1.2 A49
Fiesta 1.6 XR2	[L3E]	08.81- 08.83	111289	14 70				
		08.81- 02.89	111362	14 55				
	[LUB]	04.84- 02.89	110891	14 70	A47			
		04.84- 02.89	111289	14 70				
		04.84- 02.89	111362	14 55				
		04.84- 02.89	111364	14 55				
	[LUD]	03.84- 02.89	110891	14 70	A47			
		03.84- 02.89	111289	14 70				
		03.84- 02.89	111362	14 55				
		03.84- 12.95	111364	14 55				
Fiesta 1.6 XR2i	[LJC]	03.89- 01.94	111176	14 75	A47	03.89- 12.95	111131	12 0.8
		03.89- 12.95	111364	14 55		11.91- 12.95	111750	12 1.4
	[LJD]	03.89- 03.93	111176	14 75	A47	03.89- 12.95	111131	12 0.8
		03.89- 12.95	111364	14 55		11.91- 12.95	111750	12 1.4
Fiesta 1.6 16V	[FYJA]	AC 11.01-	114129	14 90		11.01-	111906	12 1.1
	[FYJB]	AC 11.01-	114129	14 90				
Fiesta 1.6 16V Sport	[L1T]	02.00- 01.02	113952	14 70		10.99-	111906	12 1.1
	[L1V]	02.00- 01.02	113952	14 70		10.99-	111906	12 1.1
Fiesta 1.6 i 16V	[L1G]	01.94- 12.95	111293	14 70		01.94- 12.95	111750	12 1.4
Fiesta 1.6 Ti	[IQJA]	09.12-	114883*	14 120		09.12-	111906	12 1.1
	[U5JA]	12.10-	114883*	14 120		12.10-	111906	12 1.1
Fiesta 1.6 Turbo	[LHA]	03.90- 10.92	111176	14 75	A47	03.90- 10.92	111131	12 0.8
		03.90- 10.92	111364	14 55				
Fiesta 1.6 Diesel	[LTB]	04.84- 02.89	111356	14 55		04.84- 02.89	110867	12 1.7
		04.84- 02.89	111364	14 55				
		04.84- 02.89	111368	14 70				
Fiesta 1.6 TDCi	[HHJA]	11.04- 09.09	113849	14 150		11.04- 09.09	113905	12 1.4 A49
		11.04- 09.09	113922	14 120				
	[HHJB]	11.04- 09.09	113849	14 150		11.04- 09.09	113905	12 1.4 A49
		11.04- 09.09	113922	14 120				
	[HHJC]	06.08-	114724	14 150		06.08-	113905	12 1.4 A49
		06.08-	114866	14 120				
	[HHJD]	01.09-	114724	14 150		06.08-	113905	12 1.4 A49
		01.09-	114866	14 120				
	[HHJE]	06.08-	114724	14 150		06.08-	113905	12 1.4 A49
		06.08-	114866	14 120				
	[HHJF]					06.08-	113905	12 1.4 A49
	[T3JA]					02.10-	113905	12 1.4 A49
	[TZJA]	02.10-	114724	14 150		02.10-	113905	12 1.4 A49
		02.10-	114866	14 120				
	[TZJB]	02.10-	114724	14 150		02.10-	113905	12 1.4 A49
		02.10-	114866	14 120				
	[UBJA]	06.08-	114724	14 150		06.08-	113905	12 1.4 A49
		06.08-	114866	14 120				
Fiesta 1.8 16V	[RDB]	02.92- 12.95	111293	14 70		02.92- 12.95	111750	12 1.4
Fiesta 1.8 16V XR2i	[ROC]	02.92- 12.95	111293	14 70		02.92-	111131	12 0.8
						02.92- 12.95	111750	12 1.4
Fiesta 1.8 Diesel	[RTC]	03.89- 02.96	111356	14 55		03.89- 02.96	110867	12 1.7
		03.89- 02.96	111364	14 55		03.89- 02.96	112290	12 2.2
	[RTD]	03.89- 02.96	111356	14 55		03.89- 02.96	110867	12 1.7
		03.89- 02.96	111364	14 55		03.89- 02.96	112290	12 2.2
	[RTG]	03.89- 02.96	111356	14 55		03.89- 02.96	110867	12 1.7
		03.89- 02.96	111364	14 55		03.89- 02.96	112290	12 2.2
	[RTJ]	01.96-	112121	14 70		01.96-	110867	12 1.7
						01.96-	112290	12 2.2
	[RTK]	01.96-	112121	14 70		01.96-	110867	12 1.7
						01.96-	112290	12 2.2
	[RTN]	04.00- 01.02	112654	14 90		04.00- 01.02	112290	12 2.2
		04.00- 01.02	113599	14 80		04.00- 01.02	110867	12 1.7
		A17 04.00- 01.02	114066	14 90				
	[RTP]	04.00- 01.02	112654	14 90		02.00- 12.02	112290	12 2.2
		04.00- 01.02	113599	14 80				
		A17 09.00-	114066	14 90				
	[RTO]	04.00- 01.02	112654	14 90		02.00- 12.02	112290	12 2.2
		04.00- 01.02	113599	14 80				
		A17 04.00- 01.02	114066	14 90				

## STARTERS & ALTERNATORS



Fiesta 1.8 TD	[RFL]	03.93- 12.95	111356	14 55	03.93- 12.95	110867	12 1.7
					03.93- 12.95	112290	12 2.2
	[RTN]	03.00-	112654	14 90	03.00-	112290	12 2.2
	[RTP]	03.00-	114066	14 90			
	[RTO]	03.00-	114066	14 90			
Fiesta Van 1.0 EcoBoost	[P4JA]				10.12-	115555	12 1.0
	[P4JB]				10.12-	115555	12 1.0
	[P4JC]				10.12-	115555	12 1.0
	[P4JD]				10.12-	115555	12 1.0
Fiesta Van 1.5 TDCi	[XVJB]				05.15-	113905	12 1.4 A49
	[XVJC]				05.15-	113905	12 1.4 A49
Focus 1.0 EcoBoost	[M1DA]				02.12-	115555	12 1.0
	[M2DA]				02.12-	115555	12 1.0
Focus 1.4	[ASDA]	11.04-	114009	14 105	11.04-	111906	12 1.1
		11.04-	115601*	14 120			
		04.05-	111795	14 80			
	[ASDB]	11.04-	111795	14 80	11.04-	111906	12 1.1
		11.04-	114009	14 105			
		11.04-	115601*	14 120			
Focus 1.4 i 16V	[FXDA]	10.98- 11.04	113952	14 70	10.98-	111906	12 1.1
		02.99- 06.03	111795	14 80			
	[FXDB]	10.98-	111795	14 80	10.98-	111906	12 1.1
		10.98- 11.04	113952	14 70			
	[FXDC]	10.98- 11.04	113952	14 70	10.98-	111906	12 1.1
		02.99- 06.03	111795	14 80			
	[FXDD]	10.98-	111795	14 80	10.98-	111906	12 1.1
		10.98- 11.04	113952	14 70			
Focus 1.5 EcoBoost	[M8DA]				09.14-	116050	12 1.4 A49
	[M8DB]				09.14-	116050	12 1.4 A49
	[M9DA]				09.14-	116050	12 1.4 A49
	[M9DB]				09.14-	116050	12 1.4 A49
Focus 1.5 TDCi	[.XWDB]	09.14-	114724	14 150	09.14-	113908	12 1.2 A49
					09.14-	115684	12 2.0
					09.14-	116062	12 1.2
	[.XWDC]	09.14-	114724	14 150	09.14-	113908	12 1.2 A49
					09.14-	115684	12 2.0
					09.14-	116062	12 1.2
	[.XWDD]	09.14-	114724	14 150	09.14-	113908	12 1.2 A49
					09.14-	115684	12 2.0
					09.14-	116062	12 1.2
	[XWDA, XWDD, XWDC, XWDB]	09.14-	114724	14 150	09.14-	113908	12 1.2 A49
					09.14-	115684	12 2.0
					09.14-	116062	12 1.2
	[XWDD, XWDC, XWDA, XWDB]	09.14-	114724	14 150	09.14-	113908	12 1.2 A49
					09.14-	115684	12 2.0
				09.14-	116062	12 1.2	
	[XWDD, XWDC, XWDB, XWDA]	11.14-	114724	14 150			
	[XXDA]	09.14-	114724	14 150	09.14-	113908	12 1.2 A49
					09.14-	115684	12 2.0
				09.14-	116062	12 1.2	
	[XXDA, XXDC]	09.14-	114724	14 150	09.14-	113908	12 1.2 A49
					09.14-	115684	12 2.0
				09.14-	116062	12 1.2	
	[XXDC]	09.14-	114724	14 150	09.14-	113908	12 1.2 A49
					09.14-	115684	12 2.0
				09.14-	116062	12 1.2	
Focus 1.5 TDCi ECOnetic	[XXDB]	09.14-	114724	14 150	09.14-	115684	12 2.0
					09.14-	113908	12 1.2 A49
					09.14-	116062	12 1.2
Focus 1.6	[HWDA]	11.04-	114009	14 105	11.04-	111906	12 1.1
		11.04-	115601*	14 120			
	[HWDB]	11.04-	114009	14 105	11.04-	111906	12 1.1
		11.04-	115601*	14 120			
	[SHDA]	11.04-	114009	14 105	11.04-	111906	12 1.1
		11.04-	115601*	14 120			
	[SHDB]	11.04-	114009	14 105	11.04-	111906	12 1.1
	11.04-	115601*	14 120				
	[SHDC]	11.04-	114009	14 105	11.04-	111906	12 1.1
		11.04-	115601*	14 120			
Focus 1.6 C-Max	[HWDA]	10.03- 03.07	111795	14 80	10.03-	111906	12 1.1
		10.03- 03.07	114009	14 105			
		10.03- 03.07	115601*	14 120			
	[HWDB]	10.03- 03.07	114009	14 105			
		10.03- 03.07	115601*	14 120			
Focus 1.6 EcoBoost	[JQDA]	04.11-	115959*	14 120	04.11-	116049	12 1.2 A49
	[JQDB]	04.11-	115959*	14 120	04.11-	116049	12 1.2 A49
	[JTDA]	04.11-	115959*	14 120	04.11-	116049	12 1.2 A49
	[JTDB]	04.11-	115959*	14 120	04.11-	116049	12 1.2 A49
	[YUDA]	04.11-	115959*	14 120	04.11-	116049	12 1.2 A49
Focus 1.6 LPG	[MUDA]	02.12-	114883*	14 120	02.12-	111906	12 1.1
Focus 1.6 FlexFuel	[FYDA]	01.02- 11.04	113952	14 70			
		01.02- 11.04	114009	14 105			
	[FYDH]	01.02- 11.04	113952	14 70			
		01.02- 11.04	114009	14 105			
Focus 1.6 i 16V	[FYDA]	10.98-	111795	14 80	10.98-	111906	12 1.1
		10.98- 11.04	113952	14 70			
	[FYDB]	10.98-	111795	14 80	10.98-	111906	12 1.1
		10.98- 11.04	113952	14 70			
	[FYDC]	10.98-	111795	14 80	10.98-	111906	12 1.1
		10.98- 11.04	113952	14 70			
	[FYDD]	10.98-	111795	14 80	10.98-	111906	12 1.1
	10.98- 11.04	113952	14 70				
	[FYDH]	10.98- 11.04	113952	14 70			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**FORD** *Continued*

Focus 1.6 Ti	[HXDA]	11.04-	114009	14 105	11.04-	111906	12 1.1
		11.04-	115601*	14 120	11.04-	111909	12 1.1
	[HXDB]	11.04-	114009	14 105	11.04-	111906	12 1.1
		11.04-	115601*	14 120	11.04-	111909	12 1.1
		04.05-	111795	14 80	11.04-	115504	12 1.1 A49
	[MUDA]	02.12-	114883*	14 120	02.12-	111906	12 1.1
[XTDA]	08.11-	114883*	14 120	08.11-	111906	12 1.1	
Focus 1.6 Ti C-Max	[HXDA]	08.04-	114009	14 105	08.04-	111906	12 1.1
		08.04- 03.07	115601*	14 120			
	[SIDA]	08.04-	114009	14 105	08.04-	111906	12 1.1
		08.04- 03.07	115601*	14 120			
Focus 1.6 LPG	[SIDA]	10.09-	114009	14 105	10.09-	111906	12 1.1
		10.09-	115601*	14 120			
Focus 1.6 Flexifuel	[YJDA]	07.13-	115959*	14 120	07.13-	116049	12 1.2 A49
Focus 1.6 TDCi ECOnetic	[NGDA]				A25 05.12-	115684	12 2.0
					05.12-	113908	12 1.2 A49
					05.12-	116062	12 1.2
Focus 1.6 TDCi	[G8DA]	11.04-	113849	14 150	11.04-	113908	12 1.2 A49
		11.04-	113922	14 120	11.04-	116062	12 1.2
		11.04-	115460	14 160			
	[G8DB]	11.04-	113849	14 150	11.04-	113908	12 1.2 A49
		11.04-	113922	14 120	11.04-	116062	12 1.2
	[G8DC]	11.04-	113849	14 150	11.04-	113908	12 1.2 A49
		11.04-	113922	14 120	11.04-	116062	12 1.2
		11.04-	115460	14 160			
	[G8DD]	11.04-	113849	14 150	11.04-	113908	12 1.2 A49
		11.04-	113922	14 120	11.04-	116062	12 1.2
	[G8DE]	11.04-	113849	14 150	11.04-	113908	12 1.2 A49
		11.04-	113922	14 120	11.04-	116062	12 1.2
	[G8DF]	11.04-	113849	14 150	11.04-	113908	12 1.2 A49
		11.04-	113922	14 120	11.04-	116062	12 1.2
	[GPDA]	11.04-	113849	14 150	11.04-	113908	12 1.2 A49
		11.04-	113922	14 120	11.04-	116062	12 1.2
	[GPDC]	11.04-	113849	14 150	11.04-	113908	12 1.2 A49
		11.04-	113922	14 120	11.04-	116062	12 1.2
	[HHDA]	11.04-	113849	14 150	11.04-	113908	12 1.2 A49
		11.04-	113922	14 120	11.04-	116062	12 1.2
		11.04-	115460	14 160			
	[HHDB]	11.04-	113849	14 150	11.04-	113908	12 1.2 A49
		11.04-	113922	14 120	11.04-	116062	12 1.2
	[MTDA]	11.04-	113849	14 150	11.04-	113908	12 1.2 A49
		11.04-	113922	14 120	11.04-	116062	12 1.2
	[T1DA]	04.11-	114724	14 150	04.11-	113908	12 1.2 A49
					A25 04.11-	115684	12 2.0
					04.11-	116062	12 1.2
	[T1DB]	04.11-	114724	14 150	04.11-	113908	12 1.2 A49
					A25 04.11-	115684	12 2.0
					04.11-	116062	12 1.2
	[T3DA]	04.11-	114724	14 150	04.11-	113908	12 1.2 A49
					A25 04.11-	115684	12 2.0
				04.11-	116062	12 1.2	
[T3DB]	04.11-	114724	14 150	04.11-	113908	12 1.2 A49	
				A25 04.11-	115684	12 2.0	
				04.11-	116062	12 1.2	
Focus 1.6 TDCi C-Max	[G8DA]	10.03- 03.07	113849	14 150	10.03- 03.07	113908	12 1.2 A49
		10.03- 03.07	113922	14 120	10.03- 03.07	116062	12 1.2
		10.03- 03.07	115460	14 160			
	[G8DB]	10.03- 03.07	113849	14 150	10.03- 03.07	113908	12 1.2 A49
		10.03- 03.07	113922	14 120	10.03- 03.07	116062	12 1.2
	[HHDA]	02.05- 03.07	113849	14 150	02.05- 03.07	113908	12 1.2 A49
02.05-		113922	14 120	02.05- 03.07	116062	12 1.2	
02.05- 03.07		115460	14 160				
[HHDB]	02.05- 03.07	113849	14 150	02.05- 03.07	113908	12 1.2 A49	
	02.05-	113922	14 120	02.05- 03.07	116062	12 1.2	
Focus 1.8	[Q7DA]	03.06-	113978	14 120	03.06-	113906	12 1.2
		03.06-	114065	14 120	03.06-	113907	12 1.2
	[Q0DB]	03.06-	113978	14 120	03.06-	113906	12 1.2
		03.06-	114065	14 120	03.06-	113907	12 1.2
	[Q0DC]	09.05- 03.07	113978	14 120	09.05- 03.07	113906	12 1.2
		09.05- 03.07	114065	14 120	09.05- 03.07	113907	12 1.2
Focus 1.8 C-Max	[CSDA]	10.03- 03.07	113978	14 120	10.03- 03.07	113906	12 1.2
		10.03- 03.07	114065	14 120	10.03- 03.07	113907	12 1.2
	[CSDB]	10.03- 03.07	113978	14 120	10.03- 03.07	113906	12 1.2
		10.03- 03.07	114065	14 120	10.03- 03.07	113907	12 1.2
	[Q7DA]	06.03-	113978	14 120	04.04-	113906	12 1.2
		04.04-	114065	14 120	04.04-	113907	12 1.2
	[Q0DA]	06.03- 03.07	113978	14 120	04.04-	113906	12 1.2
		04.04-	114065	14 120	04.04-	113907	12 1.2
[Q0DB]	06.03-	113978	14 120	04.04-	113906	12 1.2	
	04.04-	114065	14 120	04.04-	113907	12 1.2	
Focus 1.8 C-Max Flexifuel	[Q7DA]	01.06-	114065	14 120	01.06- 03.07	113907	12 1.2
Focus 1.8 ST	[R9DA]				07.12-	113906	12 1.2
Focus 1.8 FlexFuel	[Q7DA]	01.06-	113978	14 120	06.06-	113906	12 1.2
		01.06-	114065	14 120	01.06-	113907	12 1.2
Focus 1.8 i16V	[EYDC]	10.98-	112143	14 80	A13 10.98-	112235	12 1.4
Focus 1.8 TDCi	[F9DA]	03.01-	112142	14 90	03.01- 11.04	114119	12 2.2
		03.01-	112142	14 90	03.01- 11.04	114119	12 2.2
	[FFDA]	09.02-	112142	14 90	09.02- 11.04	114119	12 2.2
		11.04- 01.08	115579	14 120	11.04-	114092	12 2.0
	AC, w/electrical heating system	11.04-	114248	14 150			
		AC 11.04- 01.08	114250	14 120			
[KKDB]	11.04- 01.08	114248	14 150	11.04- 01.08	114092	12 2.0	
	11.04- 01.08	114250	14 120				
	11.04- 01.08	115579	14 120				

## STARTERS & ALTERNATORS





Focus 1.8 TDCi C-Max	[KKDA]	01.05-03.07	115579	14	120	01.05-	114092	12	2.0		
		AC 01.05-	114248	14	150						
		03.07	114250	14	120						
Focus 1.8 TDDi	[BHDA]	08.99-	112142	14	90	08.99-05.01	112290	12	2.2		
		08.99-11.04	113710	14	125						
		08.99-	112142	14	90						
	[BHDB]	08.99-	112142	14	90	08.99-05.01	112290	12	2.2		
		08.99-11.04	113710	14	125						
		05.01-05.05	114119	12	2.2						
	[C9DA]	10.98-12.00	112142	14	90	10.98-05.01	112290	12	2.2		
		10.98-11.04	113710	14	125						
	[C9DB]	10.98-12.00	112142	14	90	05.01-05.05	114119	12	2.2		
10.98-11.04		113710	14	125							
[C9DC]	10.98-	112142	14	90	10.98-05.01	112290	12	2.2			
	10.98-11.04	113710	14	125							
Focus 2.0	[ALDA]	03.02-06.03	112143	14	80	11.04-	113906	12	1.2		
		AT 03.02-06.03	112142	14	90						
	[AODA]	11.04-	113978	14	120						
	11.04-	115750	14	150							
	04.05-	114065	14	120							
	[AODB]	11.04-	113978	14	120						
	11.04-	115750	14	150							
[R9DA]					07.12-	113906	12	1.2			
Focus 2.0 C-Max	[AODA]	06.05-09.08	115750	14	150	10.13-	113906	12	1.2		
		04.04-03.07	113978	14	120						
	04.04-03.07	115750	14	150	04.04-03.07	113906	12	1.2			
	[AODB]	04.04-03.07	113978	14					120		
	04.04-03.07	115750	14	150							
[SYDA]	04.04-03.07	113978	14	120	04.04-03.07	113906	12	1.2			
04.04-03.07	115750	14	150								
Focus 2.0 RS	[HMDA]	10.02-	112142	14	90	10.02-11.04	112235	12	1.4		
		10.02-	112143	14	80						
Focus 2.0 16V	[EDDB]	AT 10.01-	112142	14	90	10.98-	112235	12	1.4		
		10.98-	112143	14	80						
	AT 11.98-	112142	14	90							
	[EDDD]	AT 10.01-	112142	14	90						
	[EDDF]	AT 10.01-	112142	14	90						
Focus 2.0 CNG	[SYDA]	04.09-	113978	14	120						
		04.09-	114065	14	120						
		AT 04.09-	115750	14	150						
Focus 2.0 LPG	[SYDA]	06.08-	113978	14	120						
		06.08-	114065	14	120						
		06.08-	115750	14	150						
		AT 06.08-	113978	14	120						
		AT 06.08-	115750	14	150						
Focus 2.0 TDCi	[G6DA]	11.04-	113849	14	150	11.04-	113911	12	2.2	A49	
		11.04-	113922	14	120						
		11.04-	115460	14	160						
	[G6DB]	11.04-	113849	14	150	11.04-	113911	12	2.2	A49	
		11.04-	113922	14	120						
	[G6DC]	10.03-03.07	113922	14	120	10.03-03.07	113911	12	2.2	A49	
	[G6DD]	11.04-	113849	14	150	11.04-	113911	12	2.2	A49	
	[G6DE]	11.04-	113922	14	120	10.03-03.07	113911	12	2.2	A49	
		10.03-03.07	113922	14	120						
	[G6DF]	10.03-03.07	113922	14	120	10.03-03.07	113911	12	2.2	A49	
		11.04-	113849	14	150						
	[IXDA]	11.04-	113849	14	150	02.08-	113911	12	2.2	A49	
		11.04-	114451	14	105						
	[TXDB]	02.08-	113849	14	150	02.08-	113911	12	2.2	A49	
		02.08-	113922	14	120						
Focus 2.0 TDCi C-Max	[TYDA]					04.11-	113911	12	2.2	A49	
	[UFDB]					04.11-	113911	12	2.2	A49	
	[UKDB]					04.11-	113911	12	2.2	A49	
	Focus 2.0 TDCi C-Max	[G6DA]	10.03-03.07	113849	14	150	10.03-03.07	113911	12	2.2	A49
			10.03-03.07	113922	14	120					
			10.03-03.07	115460	14	160					
[G6DB]		10.03-03.07	113849	14	150						
10.03-03.07		113922	14	120							
[G6DD]		10.03-03.07	113849	14	150						
10.03-03.07		113922	14	120							
[G6DG]	10.03-03.07	113849	14	150							
10.03-03.07	113922	14	120								
Focus 2.5	[JZDA]	01.09-	114157	14	120						
Focus 2.5 ST	[HYDA]	10.05-	114157	14	120	10.05-	114315	12	1.4		
Focus Van 1.0 EcoBoost	[M1DA]					02.12-	115555	12	1.0		
	[M2DA]					02.12-	115555	12	1.0		
Focus Van 1.5 EcoBoost	[M8DA]					09.14-	116050	12	1.4	A49	
	[M8DB]					09.14-	116050	12	1.4	A49	
	[M9DA]					09.14-	116050	12	1.4	A49	
	[M9DB]					09.14-	116050	12	1.4	A49	
Focus Van 1.5 TDCi	[XWDA]	09.14-	114724	14	150	09.14-	113908	12	1.2	A49	
	[XWDB]	09.14-	114724	14	150	09.14-	113908	12	1.2	A49	
	[XWDC]	09.14-	114724	14	150	09.14-	113908	12	1.2	A49	
	[XWDD]	09.14-	114724	14	150	09.14-	113908	12	1.2	A49	
[XXDA]	09.14-	114724	14	150	09.14-	113908	12	1.2	A49		
[XXDC]	09.14-	114724	14	150	09.14-	113908	12	1.2	A49		
Focus Van 1.5 TDCi ECONetic	[XXDB]	09.14-	114724	14	150	09.14-	115684	12	2.0		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**FORD** *Continued*

Fusion 1.2	[FUJA]	AC 08.04-	114129	14 90	08.04-	111906	12 1.1
	[FUJB]	AC 08.04-	114129	14 90	08.04-	111906	12 1.1
Fusion 1.4	[FXJA]	08.02-	114129	14 90	08.02-	111906	12 1.1
	[FXJB]	AC 08.02-	114129	14 90	08.02-	111906	12 1.1
	[FXJC]	AC 08.02-	114129	14 90	08.02-	111906	12 1.1
	[UTJA]	01.10-	114129	14 90	01.10-	111906	12 1.1
Fusion 1.4 TDCi	[F6JA]	08.02-	113912	14 80	08.02-	113905	12 1.4 A49
		08.02-	114128	14 150			
	[F6JB]	08.02-	113912	14 80	08.02-	113905	12 1.4 A49
		08.02-	114128	14 150			
Fusion 1.6	[FYJA]	AC 08.02-	114129	14 90	08.02-	111906	12 1.1
	[FYJB]	AC 08.02-	114129	14 90			
Fusion 1.6 TDCi	[HHJA]	11.04-	113849	14 150	11.04-	113905	12 1.4 A49
		11.04-	113922	14 120			
	[HHJB]	11.04-	113849	14 150	11.04-	113905	12 1.4 A49
		11.04-	113922	14 120			
Fusion 2.0 EcoBoost	[TNCD]				05.15-	113906	12 1.2
	[TNCF]				05.15-	113906	12 1.2
Fusion 2.5	[S7CB]				05.15-	113906	12 1.2
Galaxy 1.6 EcoBoost	[JTWA]				02.11-	116049	12 1.2 A49
	[JTWB]				02.11-	116049	12 1.2 A49
Galaxy 1.6 TDCi	[T1WA]	02.11-	114724	14 150	02.11-	113908	12 1.2
					02.11-	116062	12 1.2
	[T1WB]	02.11-	114724	14 150	02.11-	113908	12 1.2
					02.11-	115684	12 2.0 A49
					02.11-	116062	12 1.2
Galaxy 1.8 TDCi	[FFWA]	05.06-	114898	14 150	05.06-	114092	12 2.0
	[QXWA]	05.06-	114898	14 150	05.06-	114092	12 2.0
Galaxy 1.9 TDI	[1Z]	02.95- 09.96	111353	14 70	02.95- 09.96	111900	12 1.8
		02.95- 09.96	111477	14 90	02.95- 09.96	115503	12 1.8 A49
		02.95- 09.96	111988	14 120			
	[AFN]	08.97- 04.00	112002	14 120	08.97- 04.00	111900	12 1.8
		08.97- 04.00	112079	14 90	11.97- 03.00	115503	12 1.8 A49
		08.97- 04.00	114789	14 90 A49			
		06.99- 03.00	115483	14 120 A49			
	[AHU]	09.96- 03.00	111353	14 70	09.96- 03.00	111900	12 1.8
		09.96- 03.00	111477	14 90	09.96- 03.00	115503	12 1.8 A49
		09.96- 03.00	111988	14 120			
	[ANU]	03.95-	112002	14 120 A47	03.95-	111900	12 1.8
		03.95-	112079	14 90 A47	04.00-	112429	12 2.0
		03.95-	114789	14 90 A49	09.99- 03.00	115503	12 1.8 A49
		03.95-	114797	14 120 A46			
		09.99- 08.06	115483	14 120 A49			
	[ASZ]	02.03-	112002	14 120 A47	02.03-	112429	12 2.0
		02.03-	112079	14 90 A47			
		02.03-	114789	14 90 A49			
		02.03-	114797	14 120 A46			
		02.03-	115483	14 120 A49			
	[AUY]	04.00-	112002	14 120 A47	04.00-	112429	12 2.0
		04.00-	112079	14 90 A47			
		04.00-	114789	14 90 A49			
		04.00-	114797	14 120 A46			
	04.00-	115483	14 120 A49				
[AVG]	08.97- 04.00	112002	14 120 A47	08.97- 04.00	111900	12 1.8	
	08.97- 04.00	112079	14 90 A47	06.99- 03.00	115503	12 1.8 A49	
	08.97- 04.00	114789	14 90 A49	08.97-	112286	12 1.7	
	08.97- 04.00	114797	14 120 A46				
	11.97- 06.99	111477	14 90				
	11.97- 09.98	111988	14 120				
	09.98- 06.99	111828	14 120				
	06.99- 03.00	115483	14 120 A49				
[BTB]	05.05-	112079	14 90 A47	05.05-	112429	12 2.0	
	05.05-	114789	14 90 A49				
Galaxy 2.0	[AOWA]	05.06-	115417	14 150	05.06-	113906	12 1.2
		05.06-	115847*	14 150			
	[AOWB]	05.06-	115417	14 150	05.06-	113906	12 1.2
		05.06-	115847*	14 150			
Galaxy 2.0 EcoBoost	[R9CD]				01.15-	113906	12 1.2
	[R9CI]				01.15-	113906	12 1.2
	[TNWB]				07.10-	113906	12 1.2
Galaxy 2.0 i	[NSE]	04.00-	112002	14 120 A47	AT 11.95- 03.00	111748	12 1.1
		04.00-	112079	14 90 A47	11.95- 03.00	111749	12 1.1
		04.00-	114789	14 90 A49	A13 11.95- 03.00	111900	12 1.8
		04.00-	114797	14 120 A46	AT 07.98- 03.00	111909	12 1.1
		04.00-	115483	14 120 A49	AT 11.95- 03.00	112286	12 1.7
					04.00-	112429	12 2.0
					11.95- 03.00	115503	12 1.8 A49
				07.98- 03.00	115504	12 1.1 A49	
[ZVSA]	01.01-	112002	14 120 A47	01.01-	111749	12 1.1	
	01.01-	114797	14 120 A46				
	01.01-	115483	14 120 A49				
Galaxy 2.0 FlexFuel	[TBWA]	05.06-	115417	14 150	05.06-	113906	12 1.2
		05.06-	115847*	14 150			
	[TBWB]	05.06-	115417	14 150	05.06-	113906	12 1.2
		05.06-	115847*	14 150			
Galaxy 2.0 TDCi	[AZWA]	05.06-	114724	14 150	05.06-	113911	12 2.2 A49
	[AZWC]	05.06-	114724	14 150	05.06-	113911	12 2.2 A49
	[KLWA]	11.07-	114724	14 150	11.07-	113911	12 2.2 A49
	[QXWA]	05.06-	114724	14 150	05.06-	113911	12 2.2 A49
	[QXWB]	05.06-	114724	14 150	05.06-	113911	12 2.2 A49
	[QXWC]	05.06-	114724	14 150	05.06-	113911	12 2.2 A49
	[TYWA]	11.07-	114724	14 150	11.07-	113911	12 2.2 A49
	[UFWA]	05.06-	114724	14 150	05.06-	113911	12 2.2 A49
	[UKWA]	05.06-	114724	14 150	05.06-	113911	12 2.2 A49
Galaxy 2.2 TDCi	[KNWA]	07.10-	115544*	14 150	07.10-	115405	12 2.2
	[Q4BA]	03.08-	115544*	14 150	03.08-	115405	12 2.2

## STARTERS & ALTERNATORS



	[Q4WA]	03.08-	115544*	14 150		03.08-	115405	12 2.2
Galaxy 2.3	[SEWA]	07.07-	115847*	14 150		07.07-	113906	12 1.2
Galaxy 2.3 16V	[E5SA]					01.97-	111900	12 1.8
						04.00- 08.06	115503	12 1.8 A49
	[E5SB]					09.01-	111909	12 1.1
						09.01-	115504	12 1.1 A49
	[Y5B]	01.97-	112002	14 120 A47		01.97- 03.00	111900	12 1.8
Galaxy 2.8 24V		01.97-	114797	14 120 A46		AT 01.97- 03.00	112286	12 1.7
		01.97-	115483	14 120 A49		01.97- 03.00	115503	12 1.8 A49
		04.00-	112002	14 120 A47		04.00-	112429	12 2.0
		04.00-	113884	14 150				
		04.00-	114797	14 120 A46				
Galaxy 2.8 i		04.00-	115483	14 120 A49				
	[AMY]	05.95-	112709	14 120				
		04.98- 03.00	113885	14 150				
	[AAA]	02.95- 04.98	113885	14 150		AT 11.95-	112286	12 1.7
Galaxy 2.8 i 4x4		05.95- 04.98	112709	14 120		11.95-	112166	12 1.7
	[AMY]	04.96-	112709	14 120				
		04.98- 03.00	113885	14 150				
	[AAA]	04.96-	112709	14 120		04.96-	112166	12 1.7
Granada 1.6		07.96- 04.98	113885	14 150		04.96-	112286	12 1.7
	[LCK]	07.81- 08.85	111086	14 65		07.81- 08.85	110336	12 0.75
Granada 1.7	[MWB]	03.75- 02.76	110759	14 35				
	[MY]	08.77- 06.79	111289	14 70				
	[MYE]	08.77- 07.81	111289	14 70				
	[TV17H]	03.72- 02.75	110759	14 35				
		08.77- 08.81	111289	14 70				
	[TV17LC]	08.77- 08.81	111289	14 70				
Granada 1.9 Diesel		08.77- 08.82	111289	14 70				
Granada 2.0	[NEK]	08.81- 08.85	111086	14 65		08.81- 08.85	110336	12 0.75
						RHD 08.81- 08.85	110831	12 0.8
	[NEP]	08.79- 08.85	111086	14 65				
	[NX]	01.76- 08.77	111086	14 65				
		01.76- 08.77	111289	14 70				
	[NY]	01.75-	110237	14 60				
		01.75- 08.85	111086	14 65				
	[NYP]	01.76- 07.77	111086	14 65		RHD 08.77- 08.85	110831	12 0.8
		08.77- 08.85	111289	14 70				
		08.77- 08.85	111362	14 55				
		08.77- 07.79	111086	14 65				
	08.77- 07.79	111289	14 70					
Granada 2.1 Diesel	[WTA]	08.77- 08.82	111086	14 65				
Granada 2.3	[YYH]	01.72- 12.74	110759	14 35				
		08.77- 04.85	111289	14 70				
		08.77- 06.79	111362	14 55				
	[YYP]	06.79- 08.85	111289	14 70				
		06.79- 08.85	111362	14 55				
	[YYU]	06.81- 08.85	111289	14 70				
Granada 2.6		06.81- 08.85	111362	14 55				
	[UY]	01.72- 02.76	111289	14 70				
Granada 2.8	[PYA]	08.77- 08.85	111289	14 70				
		08.77- 08.85	111362	14 55				
	[PYU]	06.81- 08.85	111289	14 70				
		06.81- 08.85	111362	14 55				
Granada 2.8 i	[PRC]					05.85- 08.87	110842	12 1.4
Granada 3.0	[HY]	01.72- 02.76	111086	14 65				
Grand C-Max 1.0 EcoBoost	[M2DA]					10.12-	115555	12 1.0
	[SFDA]					10.12-	115555	12 1.0
Grand C-Max 1.5 TDCi	[XWDA]	03.15-	114724	14 150		03.15-	113908	12 1.2 A49
						03.15-	115684	12 2.0
						03.15-	116062	12 1.2
	[XWDB]	03.15-	114724	14 150		03.15-	113908	12 1.2 A49
						03.15-	115684	12 2.0
						03.15-	116062	12 1.2
	[XXDA]					03.15-	113908	12 1.2 A49
						03.15-	116062	12 1.2
	[XXDC]					03.15-	113908	12 1.2 A49
						03.15-	116062	12 1.2
Grand C-Max 1.6 EcoBoost	[JQDA]					12.10-	116049	12 1.2 A49
	[JQDB]					12.10-	116049	12 1.2 A49
	[JTDA]					12.10-	116049	12 1.2 A49
	[JTDB]					12.10-	116049	12 1.2 A49
Grand C-Max 1.6 Ti-CVT	[IQDA]	12.10-	114883*	14 120		12.10-	111906	12 1.1
	[IQDB]	12.10-	114883*	14 120		12.10-	111906	12 1.1
	[PNDA]	12.10-	114883*	14 120		12.10-	111906	12 1.1
Grand C-Max 1.6 TDCi	[T1DA]	12.10-	114724	14 150		A25 12.10-	115684	12 2.0
		12.10-	114724	14 150		12.10-	113908	12 1.2 A49
						A25 12.10-	115684	12 2.0
						12.10-	116062	12 1.2
	[T3DA]	12.10-	114724	14 150		12.10-	113908	12 1.2 A49
						A25 12.10-	115684	12 2.0
						12.10-	116062	12 1.2
	[T3DB]	12.10-	114724	14 150		12.10-	113908	12 1.2 A49
					A25 12.10-	115684	12 2.0	
Grand C-Max 2.0 TDCi	[TYDA]					02.11-	113911	12 2.2 A49
	[UFDB]					02.11-	113911	12 2.2 A49
	[UKDB]					02.11-	113911	12 2.2 A49
Grand C-Max Van 1.5 TDCi	[XWDA]	03.15-	114724	14 150		03.15-	113908	12 1.2 A49
						03.15-	115684	12 2.0
						03.15-	116062	12 1.2
	[XWDB]	03.15-	114724	14 150		03.15-	113908	12 1.2 A49
						03.15-	115684	12 2.0
Grand C-Max Van 1.6 TDCi						03.15-	116062	12 1.2
	[T1DA]	12.10-	114724	14 150		12.10-	113908	12 1.2 A49
						12.10-	116062	12 1.2

## STARTERS & ALTERNATORS

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**FORD** Continued

	[T3DA, T3DB]	12.10-	114724	14	150	12.10-	113908	12	1.2	A49
						12.10-	116062	12	1.2	
Grand C-Max Van 2.0 TDCi	[TXDB]					12.10-	113911	12	2.2	A49
	[TYDA]					02.11-	113911	12	2.2	A49
	[UFDB]					12.10-	113911	12	2.2	A49
Ka 1.0 i	[C4B]	07.97- 09.99	113447	14	70	07.97- 09.99	111680	12	1.1	
	[C4C]	09.99-	113447	14	70	09.99-	111680	12	1.1	
Ka 1.2	[B2KA]	06.16-	114883*	14	120					
	[FP4 (169A4.000)]	02.09-	113535	14	85	02.09-	113962	12	0.9	
		02.09-	114462	14	70	02.09-	115312	12	1.1	
		02.09-	114706	14	120					
		06.16-	114883*	14	120					
Ka 1.3	[YSKD]	06.16-	114883*	14	120					
	[YSKE]	06.16-	114883*	14	120					
	[BAA]	05.02- 05.05	115543	14	90	05.02- 05.05	114162	12	1.1	
		05.02- 05.05	115659	14	80					
	[J4D]	05.02- 05.05	115543	14	90	05.02- 05.05	114162	12	1.1	
		05.02- 05.05	115659	14	80					
	[J4K]	05.02- 05.05	115543	14	90	05.02- 05.05	114162	12	1.1	
		05.02- 05.05	115659	14	80					
	[J4M]	05.02- 05.05	115543	14	90	05.02- 05.05	114162	12	1.1	
		05.02- 05.05	115659	14	80					
	[J4N]	05.02- 05.05	115543	14	90	05.02- 05.05	114162	12	1.1	
		05.02- 05.05	115659	14	80					
	[J4P]	05.02- 05.05	115543	14	90	05.02- 05.05	114162	12	1.1	
		05.02- 05.05	115659	14	80					
	[J4S]	05.02- 05.05	115543	14	90	05.02- 05.05	114162	12	1.1	
		05.02- 05.05	115659	14	80					
Ka 1.3 i	[A9A]	08.02-	115543	14	90	08.02-	114162	12	1.1	
		08.02-	115659	14	80					
	[A9B]	08.02-	115543	14	90	08.02-	114162	12	1.1	
		08.02-	115659	14	80					
	[BAA]	09.96-	113833	14	90	09.96-	111680	12	1.1	
		09.96-	115659	14	80	09.96-	114162	12	1.1	
	[J4D]	09.96-	113833	14	90	09.96-	111680	12	1.1	
		09.96-	115659	14	80					
	PS 09.96-	113447	14	70						
	[J4K]	09.96-	113833	14	90	09.96- 10.02	111680	12	1.1	
		09.96-	115659	14	80					
	PS 09.96-	113447	14	70						
	[J4M]	09.96-	113833	14	90	09.96- 10.02	111680	12	1.1	
		09.96-	115659	14	80					
	PS 09.96-	113447	14	70						
	[J4N]	09.96-	113833	14	90	09.96- 10.02	111680	12	1.1	
		09.96-	115659	14	80					
	PS 09.96-	113447	14	70						
	[J4P]	09.96-	113833	14	90	09.96- 10.02	111680	12	1.1	
		09.96-	115659	14	80					
	PS 09.96-	113447	14	70						
	[J4S]	09.96-	113833	14	90	09.96- 10.02	111680	12	1.1	
		09.96-	115659	14	80					
	PS 09.96-	113447	14	70						
[JJB]	09.96-	113833	14	90	09.96-	111680	12	1.1		
	09.96-	115659	14	80						
PS 09.96-	113447	14	70							
[JJD]	06.98-	113833	14	90	06.98-	111680	12	1.1		
	06.98- 10.02	113447	14	70						
[JJF]	06.98-	113833	14	90	06.98-	111680	12	1.1		
	06.98- 10.02	113447	14	70						
[JJG]	06.98-	113833	14	90	06.98-	111680	12	1.1		
	06.98- 10.02	113447	14	70						
[JJH]	06.98-	113833	14	90	06.98-	111680	12	1.1		
	06.98- 10.02	113447	14	70						
[JLJ]	06.98-	113833	14	90	06.98-	111680	12	1.1		
	06.98- 10.02	113447	14	70						
Ka 1.3 TDCi	[169A1.000]					02.09-	115400	12	1.4	
	[FD4]					10.08-	115400	12	1.4	
Ka 1.6 Street	[CDRA]	05.03- 07.05	113883	14	90	05.03- 07.05	114162	12	1.1	
	[CDRB]	05.03- 07.05	113883	14	90	05.03- 07.05	114162	12	1.1	
Ka 1.6 i	[CCA]	07.03-	113883	14	90	07.03-	114162	12	1.1	
	[CDB]	07.03-	113883	14	90	07.03-	114162	12	1.1	
	[CDC]	07.03-	113883	14	90	07.03-	114162	12	1.1	
Kuga 1.5 EcoBoost	[BNMA]					01.16-	116050	12	1.4	A49
	[M8MA]					09.14-	116050	12	1.4	A49
Kuga 1.5 EcoBoost 4x4	[M9MA]					09.14-	116050	12	1.4	A49
Kuga 1.6 EcoBoost	[JOMA]					03.13-	116050	12	1.4	A49
						03.13-	116050	12	1.4	A49
Kuga 1.6 EcoBoost 4x4	[JOMA]					03.13-	116050	12	1.4	A49
	[JOMB]					03.13-	116050	12	1.4	A49
Kuga 1.6 4x4 EcoBoost 4x4	[JTMA]					03.13-	116050	12	1.4	A49
Kuga 2.0 TDCi	[G6DG]	03.08-	113849	14	150	03.08-	113911	12	2.2	A49
		03.08-	113922	14	120					
		03.08-	115460	14	160					
	[UFDA]	02.08-	113849	14	150					
		02.08-	113922	14	120					
	[UFMA]					03.13-	113911	12	2.2	A49
	[UKDA]	03.08-	113849	14	150	03.08-	113911	12	2.2	A49
		03.08-	113922	14	120					
Kuga 2.0 TDCi 4x4	[UKMA]					03.13-	113911	12	2.2	A49
	[G6DG]	03.08-	113849	14	150	03.08-	113911	12	2.2	A49
		03.08-	113922	14	120					
	[TXDA]					03.13-	113911	12	2.2	A49
	[TXMA]					03.13-	113911	12	2.2	A49
Kuga 2.5 4x4	[UFMA]					03.13-	113911	12	2.2	A49
	[UKDA]	03.08-	113849	14	150	03.08-	113911	12	2.2	A49
		03.08-	113922	14	120					
	[UKMA]					03.13-	113911	12	2.2	A49
	[HYDB]	03.09-	115606	14	150					

## STARTERS & ALTERNATORS



Kuga Van 1.5 4x4	[M9MA]					09.14-	116050	12	1.4	A49
Kuga Van 1.5 EcoBoost	[M8MA]					09.14-	116050	12	1.4	A49
Maverick 2.0 16V	[YF]	02.01-	112198#	14	105	02.01-	112340	12	1.4	
Maverick 2.3 16V	[GZ]					03.04-	113906	12	1.2	
Maverick 2.4 i	[KA24-E]					02.93- 08.96	111485	12	1.2	
Maverick 2.7 TD	[TD27]	02.93- 08.96	112086	14	60	02.93- 08.96	111805	12	2.5	
	[TD27E]	09.96- 04.98	111980	14	70	09.96- 04.98	111805	12	2.5	
		09.96- 04.98	115837	14	70					
Maverick 3.0 V6 24V	[AJ]					02.01- 12.03	111374	12	1.5	
Mondeo 1.5 EcoBoost	[UNCA]					09.14-	116050	12	1.4	A49
	[UNCB]					09.14-	116050	12	1.4	A49
	[UNCE]					09.14-	116050	12	1.4	A49
	[UNCF]					09.14-	116050	12	1.4	A49
Mondeo 1.5 TDCi	[UGCC]					03.15-	115684	12	2.0	
	[XUCA]					03.15-	115684	12	2.0	
Mondeo 1.6 EcoBoost	[JTBA]					02.11-	116049	12	1.2	A49
	[JTBB]					02.11-	116049	12	1.2	A49
Mondeo 1.6 i 16V	[L1F]	02.93- 08.96	111427	14	90	02.94- 08.96	112235	12	1.4	
						AT 06.93- 08.96	112340	12	1.4	
	[L1J]	02.93- 08.96	111427	14	90	07.94- 08.96	112235	12	1.4	
						AT 07.94- 08.96	112340	12	1.4	
Mondeo 1.6 i	[L1J]	09.96- 05.98	111427	14	90	09.96- 03.98	112235	12	1.4	
		05.98-	112198#	14	105	AT 08.96- 08.98	112340	12	1.4	
	[L1L]	05.98-	112198#	14	105	05.98-	112235	12	1.4	
						AT 05.98-	112340	12	1.4	
	[L1N]	05.98-	112198#	14	105	05.98- 11.00	112235	12	1.4	
						AT 05.98- 11.00	112340	12	1.4	
	[L1O]	05.98-	112198#	14	105	05.98- 11.00	112235	12	1.4	
						AT 05.98- 11.00	112340	12	1.4	
Mondeo 1.6 Ti-VCT	[KGBA]					07.10-	111906	12	1.1	
Mondeo 1.6 TDCi	[T1BA]	12.10-	114724	14	150	12.10-	113908	12	1.2	A49
						02.11-	115684	12	2.0	A49
						12.10-	116062	12	1.2	
	[T1BB]	12.10-	114724	14	150	12.10-	113908	12	1.2	
						02.11-	115684	12	2.0	A49
						12.10-	116062	12	1.2	
	[T1BC]	12.10-	114724	14	150	12.10-	113908	12	1.2	A49
						02.11-	115684	12	2.0	A49
						12.10-	116062	12	1.2	
Mondeo 1.8 16V	[CGBA]	11.00-	113708	14	115	11.00-	113794	12	1.4	
		11.00-	113709	14	115					
	[CGBB]	11.00-	113708	14	115	11.00-	113794	12	1.4	
		11.00-	113709	14	115					
	[CHBA]	11.00-	113708	14	115	11.00-	113794	12	1.4	
		11.00-	113709	14	115					
	[CHBB]	11.00-	113708	14	115	11.00-	113794	12	1.4	
		11.00-	113709	14	115					
Mondeo 1.8 i 16V	[RKA]	02.93- 08.96	111427	14	90	02.94- 08.96	112235	12	1.4	
						AT 06.93- 08.96	112340	12	1.4	
	[RKB]	01.94- 08.96	111427	14	90	02.94- 08.96	112235	12	1.4	
						AT 01.94- 08.96	112340	12	1.4	
Mondeo 1.8 i 16V 4x4	[RKA]	02.93- 08.96	111427	14	90	03.94- 08.96	112235	12	1.4	
						AT 02.93- 08.96	112340	12	1.4	
						02.93- 08.96	112340	12	1.4	
Mondeo 1.8 i	[RKB]	09.96- 05.98	111427	14	90	09.96-	112235	12	1.4	
		05.98-	112198#	14	105	AT 08.96- 09.00	112340	12	1.4	
	[RKF]	08.98-	112198#	14	105	09.96-	112235	12	1.4	
						AT 09.96-	112340	12	1.4	
	[RKH]	09.96- 05.98	111427	14	90	09.96- 11.00	112235	12	1.4	
		05.98-	112198#	14	105	AT 09.96- 11.00	112340	12	1.4	
	[RKJ]	08.98-	112198#	14	105	09.96-	112235	12	1.4	
						AT 09.96-	112340	12	1.4	
	[RKK]	09.96- 05.98	111427	14	90	09.96- 11.00	112235	12	1.4	
		05.98-	112198#	14	105	AT 09.96- 11.00	112340	12	1.4	
Mondeo 1.8 SCi	[CFBA]	06.03-	113708	14	115	AT 06.03-	111374	12	1.5	
		06.03-	113709	14	115	06.03-	113794	12	1.4	
Mondeo 1.8 TD	[RFM]	06.93- 08.96	112151	14	95	03.93- 08.96	110867	12	1.7	
						06.93- 08.96	112290	12	2.2	
	[RFN]	06.93- 08.96	112151	14	95	06.93- 08.96	110867	12	1.7	
						06.93- 08.96	112290	12	2.2	
Mondeo 1.8 TDCi	[FFBA]	03.07-	114898	14	150	03.07-	114092	12	2.0	
	[KHBA]	06.07-	114898	14	150	06.07-	114092	12	2.0	
	[QYBA]	06.07-	114898	14	150	06.07-	114092	12	2.0	
Mondeo 2.0	[AOBA]	03.07-	115417	14	150	03.07-	113906	12	1.2	
	[AOBC]	03.07-	115417	14	150	03.07-	113906	12	1.2	
	[AOCA]	03.07-	115417	14	150	03.07-	113906	12	1.2	
	[TBBA]	03.07-	115417	14	150	03.07-	113906	12	1.2	
Mondeo 2.0 EcoBoost	[R9CB, R9CH, R9CF]					09.14-	113906	12	1.2	
	[R9CF]					09.14-	113906	12	1.2	
	[R9CF, R9CB, R9CH]					09.14-	113906	12	1.2	
	[R9CH]					09.14-	113906	12	1.2	
	[TNCD, TNCF]					09.14-	113906	12	1.2	
	[TNCF]					09.14-	113906	12	1.2	
Mondeo 2.0 16V	[CJBA]	A34 11.00-	113708	14	115	11.00-	113794	12	1.4	
		A34 11.00-	113709	14	115					
	[CJBB]	A34 11.00-	113708	14	115	11.00-	113794	12	1.4	
		A34 11.00-	113709	14	115					
	[NGA]	01.93- 08.96	111427	14	90	01.93- 08.96	112235	12	1.4	
						AT 01.93- 08.96	112340	12	1.4	
Mondeo 2.0 i 16V	[NGA]	02.93- 08.96	111427	14	90	02.94- 08.96	112235	12	1.4	
						AT 06.93- 08.96	112340	12	1.4	
Mondeo 2.0 i 16V 4x4	[NGA]	04.93- 08.96	111427	14	90	04.93- 08.96	112235	12	1.4	
						AT 04.93- 08.96	112340	12	1.4	
						04.93- 08.96	112340	12	1.4	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**FORD** *Continued*

Mondeo 2.0 i	[NGA]	09.96- 05.98	111427	14 90		09.96- 03.98	112235	12 1.4
		05.98-	112198#	14 105		AT 08.96- 09.00	112340	12 1.4
	[NGB]	09.96- 05.98	111427	14 90		AT 09.96- 09.00	112340	12 1.4
		05.98-	112198#	14 105		09.96- 03.98	112235	12 1.4
	[NGC]	09.96- 05.98	111427	14 90		09.96- 03.98	112235	12 1.4
Mondeo 2.0 SCTi EcoBoost	[TPBA]					07.10-	113906	12 1.2
	[TBBA]	07.09-	115417	14 150		07.09-	113906	12 1.2
	[TBBA]	03.07-	115417	14 150		03.07-	113906	12 1.2
	[TBBB]	03.07-	115417	14 150		03.07-	113906	12 1.2
	[D5BA]	11.00-	113709	14 115		11.00-	112821	12 2.2
Mondeo 2.0 DI/ TDDi 16V	[SDBA]	11.00-	113709	14 115		11.00-	115870	12 2.1 A49
						11.00-	112821	12 2.2
						11.00-	115870	12 2.1 A49
						11.00-	115870	12 2.1 A49
						11.00-	115870	12 2.1 A49
Mondeo 2.0 TDCi	[AZBA]	03.07-	115365	14 150		03.07-	113911	12 2.2 A49
	[AZBC]	03.07-	115365	14 150		03.07-	113911	12 2.2 A49
		03.07-	115544*	14 150				
	[FMBA]	10.01-	113709	14 115		10.01-	112821	12 2.2
						10.01-	115870	12 2.1 A49
	[KLBA]	11.07-	115365	14 150		11.07-	113911	12 2.2 A49
		11.07-	115544*	14 150				
	[LPBA]	11.07-	115365	14 150		11.07-	113911	12 2.2 A49
		11.07-	115544*	14 150				
	[N7BA]	10.01-	113709	14 115		10.01-	112821	12 2.2
						10.01-	115870	12 2.1 A49
	[QXBA]	03.07-	115365	14 150		03.07-	113911	12 2.2 A49
	[QXBB]	03.07-	115365	14 150		03.07-	113911	12 2.2 A49
	[TXBA]	03.10-	114805	14 150		03.10-	113911	12 2.2 A49
	[TYBA]	11.07-	115365	14 150		11.07-	113911	12 2.2 A49
	11.07-	115544*	14 150					
[UFBA]	03.07-	115365	14 150		03.07-	113911	12 2.2 A49	
[UKBA]	03.07-	115365	14 150		03.07-	113911	12 2.2 A49	
	03.07-	115544*	14 150					
Mondeo 2.0 TDCi/ TDDi 16V	[D6BA]	11.00-	113709	14 115		11.00-	112821	12 2.2
						11.00- 08.02	115870	12 2.1 A49
	[HJBA]	11.00-	113709	14 115		11.00-	112821	12 2.2
						11.00-	115870	12 2.1 A49
	[HJBB]	11.00-	113709	14 115		11.00-	112821	12 2.2
Mondeo 2.0 TDDi 16V	[SDBA]	11.00-	113709	14 115		11.00-	115870	12 2.1 A49
						11.00-	115870	12 2.1 A49
	[TBBB]	03.07-	115417	14 150		03.07-	113906	12 1.2
	[TBBB]	03.07-	115417	14 150		03.07-	113906	12 1.2
	[KNBA]	07.10-	115544*	14 150		07.10-	115405	12 2.2
Mondeo 2.2 TDCi	[Q4BA]	03.08-	115544*	14 150		03.08-	115405	12 2.2
	[QJBA]	09.04-	113709	14 115		09.04-	112821	12 2.2
						09.04-	115870	12 2.1 A49
	[QJBB]	09.04-	113709	14 115		09.04-	112821	12 2.2
						09.04-	115870	12 2.1 A49
[QJBC]	09.04- 08.07	113709	14 115		09.04- 08.07	112821	12 2.2	
					09.04- 08.07	115870	12 2.1 A49	
[QJBD]	09.04- 08.07	113709	14 115		09.04- 08.07	112821	12 2.2	
					09.04- 08.07	115870	12 2.1 A49	
Mondeo 2.3	[SEBA]	07.07-	115847*	14 150		07.07-	113906	12 1.2
Mondeo 2.5	[SGA]	05.99- 10.99	112151	14 95		05.99-	111374	12 1.5
Mondeo 2.5 24V	[SEA]	09.96- 11.00	112939	14 130		09.96-	111374	12 1.5
	[SEB]	06.00- 11.00	112151	14 95		06.00- 11.00	111374	12 1.5
		06.00- 11.00	112939	14 130				
Mondeo 2.5 i 24V	[SEA]	07.94- 08.96	112939	14 130		07.94- 08.96	111374	12 1.5
Mondeo 2.5 V6 24V	[LCBD]	11.00-	114757	14 120		11.00-	113909	12 2.2
	A34	11.00-	113709	14 115		11.00-	111374	12 1.5
Mondeo 3.0	[MEBA]					AT 04.02-	111374	12 1.5
		5SP 04.02-	113709	14 115		04.02-	113909	12 2.2
Mondeo 3.0 V6 24V	[REBA]					09.04-	113909	12 2.2
Mustang 3.8 V6	[994]					01.94- 01.96	111183	12 1.4
Orion 1.3	[J4B]	07.90- 12.93	111362	14 55		07.90- 12.93	111131	12 0.8
	[J6A]	07.90- 12.93	111289	14 70		07.90- 12.93	111131	12 0.8
		07.90- 12.93	111362	14 55				
	[JBB]	12.85- 07.90	110891	14 70 A47		08.88- 07.90	111131	12 0.8
		08.88- 07.90	111289	14 70				
		08.88- 07.90	111362	14 55				
	[JLA]					12.85- 07.90	111131	12 0.8
	[JLB]					12.85- 07.90	111131	12 0.8
[JPA]	07.83- 03.86	110891	14 70 A47					
Orion 1.4	[F6B]	02.87- 07.90	110891	14 70 A47		02.87- 07.90	111131	12 0.8
		02.87- 07.90	111289	14 70				
		02.87- 07.90	111362	14 55				
	[F6D]	02.87- 07.90	110891	14 70 A47		02.87- 07.90	111131	12 0.8
		02.87- 07.90	111289	14 70				
		02.87- 07.90	111362	14 55				
	[F6F]	07.90- 12.93	110891	14 70 A47		07.90- 12.93	111131	12 0.8
		PS 07.90- 01.92	111293	14 70				
		AC 07.90- 01.92	111293	14 70				
	[F6G]	07.90- 12.93	110891	14 70 A47		07.90- 12.93	111131	12 0.8
		PS 07.90- 01.92	111293	14 70				
		AC 07.90- 01.92	111293	14 70				
[FUA]	12.85- 07.90	110891	14 70 A47		03.86- 07.90	111131	12 0.8	
	03.86- 07.90	111289	14 70					
	03.86- 07.90	111362	14 55					

## STARTERS & ALTERNATORS





	[FUC]	01.86- 07.90	110891	14 70	A47		07.86- 07.90	111131	12 0.8
		07.86- 07.90	111289	14 70					
		07.86- 07.90	111362	14 55					
	[FUH]	07.90- 12.93	110891	14 70	A47		07.90- 12.93	111131	12 0.8
	[FUAA]	03.86- 07.90	110891	14 70	A47				
		03.86- 07.90	111289	14 70					
		10.87- 07.90	111362	14 55					
Orion 1.6	[LP1]	07.83- 03.86	110759	14 35					
		07.83- 03.86	110891	14 70	A47				
		07.83- 03.86	111289	14 70					
	[LPA]	07.83- 03.86	110759	14 35					
		07.83- 03.86	110891	14 70	A47				
		07.83- 03.86	111289	14 70					
	[LUC]	12.85- 07.90	110891	14 70	A47		12.85- 07.90	111131	12 0.8
		12.85- 07.90	111289	14 70					
		12.85- 07.90	111362	14 55					
	[LUJ]						07.90- 12.92	111131	12 0.8
	[LUK]	07.90- 12.92	110891	14 70	A47		07.90- 12.92	111131	12 0.8
		ACPS 08.90-	111293	14 70					
Orion 1.6 i 16V	[L1E]	07.92- 12.93	110891	14 70	A47		07.90- 12.93	111131	12 0.8
		09.92- 12.93	111293	14 70			09.92- 12.93	111750	12 1.4
	[L1K]	07.92- 12.93	110891	14 70	A47		07.90- 12.93	111131	12 0.8
		09.92- 12.93	111293	14 70			09.92- 12.93	111750	12 1.4
Orion 1.6 i	[L4B]	03.86- 07.90	110891	14 70	A47				
		03.86- 07.90	111289	14 70					
		03.86- 07.90	111362	14 55					
	[LJB]	08.89- 07.90	110891	14 70	A47				
	[LJF]	07.90- 09.92	110891	14 70	A47		07.90- 09.92	111131	12 0.8
		PS 07.90- 09.92	111293	14 70					
		AC 07.90- 09.92	111293	14 70					
	[LR1]	07.83- 03.86	110891	14 70	A47				
		07.83- 03.86	111289	14 70					
		07.83- 03.86	111362	14 55					
	[LRA]	07.83- 03.86	110891	14 70	A47				
		07.83- 03.86	111289	14 70					
		07.83- 03.86	111362	14 55					
	[LRB]	03.86- 07.90	110891	14 70	A47				
		03.86- 07.90	111289	14 70					
		03.86- 07.90	111362	14 55					
Orion 1.6 Diesel	[LTA]	02.84- 01.89	111364	14 55			02.84- 03.86	110867	12 1.7
		02.84- 01.89	111368	14 70					
	[LTC]	03.86- 07.90	111364	14 55			03.86- 07.90	110867	12 1.7
		03.86- 07.90	111368	14 70					
Orion 1.8 i 16V	[RDA]	02.92- 12.93	111293	14 70			02.92- 12.93	111750	12 1.4
	[ROB]	01.92- 12.93	111293	14 70			01.92- 12.93	111750	12 1.4
Orion 1.8 Diesel	[RTA]	01.89- 07.90	111356	14 55			01.89- 07.90	110867	12 1.7
		01.89- 07.90	111364	14 55		A13	01.89- 07.90	112290	12 2.2
		01.89- 07.90	111368	14 70					
	[RTB]	01.89- 07.90	111356	14 55			01.89- 07.90	110867	12 1.7
		01.89- 07.90	111364	14 55		A13	01.89- 07.90	112290	12 2.2
		01.89- 07.90	111368	14 70					
	[RTE]	07.90- 12.93	111356	14 55			07.90- 12.93	112290	12 2.2
		07.90- 12.93	111364	14 55					
		07.90- 12.93	111368	14 70					
	[RTF]	07.90- 12.93	111356	14 55			07.90- 12.93	112290	12 2.2
		07.90- 12.93	111364	14 55					
		07.90- 12.93	111368	14 70					
	[RTH]	07.90- 12.93	111356	14 55			07.90- 12.93	112290	12 2.2
		07.90- 12.93	111364	14 55					
		07.90- 12.93	111368	14 70					
Orion 1.8 TD	[RFD]	03.92- 12.93	111356	14 55			03.92- 12.93	110867	12 1.7
							03.92- 12.93	112290	12 2.2
	[RFK]	03.92- 12.93	111356	14 55			03.92- 12.93	110867	12 1.7
							03.92- 12.93	112290	12 2.2
P 100 1.6	[LCR]	04.82- 09.87	110179	14 36		RHD	04.82- 09.87	110831	12 0.8
							04.82- 09.87	111269	12 1.4
P 100 2.0	[NAE]	10.87- 12.92	111086	14 65			10.87-	111269	12 1.4
Probe 2.0 16V	[FS]	10.93- 09.96	111317	14 80			10.92- 03.98	111311	12 1.7
Probe 2.2 GTi	[99C]	10.92- 07.93	111317	14 80					
Probe 2.5 V6 24V	[KL]	10.93-	111315	14 90					
Probe 3.0 V6		09.89- 07.93	111317	14 80					
Puma 1.4 16V	[FHD]	11.97- 10.00	113952	14 70			02.98-	111906	12 1.1
	[FHF]	11.97- 10.00	113952	14 70			11.97- 10.00	111909	12 1.1
							11.97- 10.00	115504	12 1.1
								111906	12 1.1
Puma 1.6 16V	[L1W]	08.00-	113952	14 70			08.00-	111906	12 1.1
Puma 1.7 ST 160	[ZH17]						06.99-	111906	12 1.1
Puma 1.7 16V	[MHA]						03.97-	111906	12 1.1
	[MHB]						03.97-	111906	12 1.1
Ranger 2.2 TDCi	[GBVAJQW]	11.11-	115576*	14 150					
		05.15-	115576*	14 150					
Ranger 2.2 TDCi 4x4	[GBVAJOJ]	11.11-	115576*	14 150					
	[GBVAJQW]	11.11-	115576*	14 150					
		05.15-	115576*	14 150					
Ranger 2.5 Diesel	[WL]	10.99- 04.02	114120	14 75			10.99- 04.02	113702	12 2.2
Ranger 2.5 Diesel 4x4	[WL]	10.99- 04.02	112352	14 70			10.99- 04.02	113702	12 2.2
		10.99- 04.02	114120	14 75					
Ranger 2.5 TD	[WL-T]	04.02-	112352	14 70			04.02-	113702	12 2.2
Ranger 2.5 TD 4x4	[WL-T]	10.99-	112352	14 70			10.99-	112600	12 1.4
							10.99-	113702	12 2.2
Ranger 3.0 TDCi 4x4	[WEAT]	05.06-	112352	14 70					
Ranger 3.2 TDCi 4x4	[SAFA]	11.11-	115576*	14 150					
Scorpio 1.8	[REC]	04.85- 02.92	111086	14 65			04.85- 09.85	110336	12 0.75
							AT 04.85- 02.92	111030	12 1.4
							09.85- 02.92	111269	12 1.4
Scorpio 2.0	[N8A]	11.88- 10.92	111741	14 70			AT 11.88- 10.92	111030	12 1.4
	[N8D]	05.89- 02.92	111741	14 70			05.89- 02.92	111030	12 1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

FORD Continued

	[N9D]	05.89- 02.92	111741	14	70		05.89- 02.92	111030	12	1.4
	[NEL]	04.85- 08.89	111086	14	65		AT 04.85- 08.89	111030	12	1.4
							09.85- 08.89	111269	12	1.4
Scorpio 2.0 i 16V	[N3A]						10.94- 12.98	111030	12	1.4
Scorpio 2.0 i	[N9B]						05.89- 02.92	111030	12	1.4
	[N9D]	05.89- 02.92	111741	14	70		05.89- 02.92	111030	12	1.4
	[N9F]	09.91- 12.94	111741	14	70		09.91- 12.94	111030	12	1.4
	[NRA]	02.92- 12.94	111741	14	70		AT 04.85- 12.94	111030	12	1.4
							09.85- 02.92	111269	12	1.4
	[NRC]						AT 10.85- 12.90	111030	12	1.4
							10.85- 12.90	111269	12	1.4
	[NRI]	02.92- 12.94	111741	14	70		AT 09.85- 12.94	111030	12	1.4
							09.85- 02.92	111269	12	1.4
	[NSD]						10.94- 12.98	111030	12	1.4
Scorpio 2.3 i 16V	[Y5A]						06.96- 12.98	111030	12	1.4
Scorpio 2.4 i	[ARC]						09.86- 09.88	110842	12	1.4
	[ARD]						10.88- 12.94	110842	12	1.4
	[ARDV6EFIHC]						10.88- 02.92	110842	12	1.4
Scorpio 2.5 Diesel	[SCB]	08.93- 09.94	111086	14	65					
	[STR]	12.85- 12.94	111086	14	65					
		RHD 12.85- 12.94	111364	14	55					
		RHD 12.85- 12.94	111368	14	70					
Scorpio 2.5 TD	[SCB]	08.93- 09.94	111086	14	65					
	[SCC]	10.94- 08.98	111742	14	70					
	[VM]	09.96- 08.98	111623	14	70					
		09.96- 08.98	111742	14	70					
		09.96- 08.98	115890	14	70	A49				
Scorpio 2.8 i	[PRE]	04.85- 11.86	111289	14	70		04.85- 11.86	110842	12	1.4
		04.85- 11.86	111362	14	55					
Scorpio 2.8 i 4x4	[PRE]	10.85- 11.86	111289	14	70					
		10.85- 11.86	111362	14	55					
Scorpio 2.9 24V	[BOA]						08.93- 09.94	110842	12	1.4
Scorpio 2.9 i 24V	[BOA]						04.91- 02.92	110842	12	1.4
	[BOB]	10.94- 12.98	112698	14	100					
Scorpio 2.9 i	[BRC]						09.86- 02.92	110842	12	1.4
	[BRD]						09.86- 12.94	110842	12	1.4
	[BRE]						09.86- 02.92	110842	12	1.4
	[BRF]						09.91- 12.94	110842	12	1.4
	[BRG]	02.95- 12.98	112698	14	100		02.95- 12.98	110842	12	1.4
Scorpio 2.9 i 4x4	[BRC]						09.86- 02.92	110842	12	1.4
	[BRD]						09.86- 02.93	110842	12	1.4
	[BRE]						10.87- 02.93	110842	12	1.4
	[BRF]						10.87- 02.93	110842	12	1.4
Sierra 1.3	[JCT]	08.82- 12.86	111086	14	65		08.82- 12.86	110336	12	0.75
							AT 08.82- 12.86	111269	12	1.4
							RHD 08.82- 12.86	110831	12	0.8
							08.82- 12.86	111269	12	1.4
Sierra 1.6	[LCS]	08.82- 12.86	111086	14	65		AT 08.82- 12.86	110336	12	0.75
		08.82- 12.86	111411	14	75		RHD 08.82- 08.85	110831	12	0.8
							A13 08.85- 12.86	111269	12	1.4
	[LCT]	08.82- 12.86	111086	14	65		AT 08.82- 12.86	110336	12	0.75
		08.82- 12.86	111411	14	75		RHD 08.82- 08.85	110831	12	0.8
							A13 08.85- 12.86	111269	12	1.4
	[LSD]	08.82- 12.86	111086	14	65		AT 08.82- 12.86	110336	12	0.75
		08.82- 12.86	111411	14	75		RHD 08.82- 08.85	110831	12	0.8
							A13 08.85- 12.86	111269	12	1.4
	[LSE]	01.87- 02.93	111086	14	65		01.87- 02.93	111269	12	1.4
							08.90- 02.93	111131	12	0.8
	[LSF]	01.88- 02.93	111086	14	65		01.88- 02.93	111269	12	1.4
Sierra 1.6 i	[L6B]						10.89- 02.93	111030	12	1.4
Sierra 1.8	[R2A (XU102C)]						A13 05.88- 02.93	111030	12	1.4
	[R2C]						A13 05.88- 02.93	111030	12	1.4
	[R6A]						A13 05.88- 02.93	111030	12	1.4
	[REB]	10.84- 12.86	111086	14	65		10.84- 12.86	110336	12	0.75
							A13 10.84- 12.86	111269	12	1.4
							10.84- 12.86	111269	12	1.4
	[RED]	01.87- 05.88	111086	14	65		01.87- 05.88	110336	12	0.75
		01.87- 05.88	111364	14	55		AT 01.87- 05.88	111030	12	1.4
							01.87- 05.88	111269	12	1.4
	[REF]	10.87- 05.88	111086	14	65		AT 10.87- 05.88	111030	12	1.4
		10.87- 05.88	111364	14	55		10.87- 05.88	110336	12	0.75
							10.87- 05.88	111269	12	1.4
Sierra 1.8 TD	[RFL]						08.88- 02.93	111911	12	1.4
Sierra 2.0	[N8C]	01.87- 02.93	111741	14	70		05.89- 02.93	111030	12	1.4
	[NES]	01.87- 02.93	111086	14	65		RHD 01.87- 02.93	110831	12	0.8
		01.87- 02.93	111364	14	55		AT 01.87- 02.93	111030	12	1.4
							01.87- 02.93	110336	12	0.75
							01.87- 02.93	111269	12	1.4
	[NET]	08.82- 12.86	111086	14	65		AT 08.82- 12.86	110336	12	0.75
							AT 08.85- 12.86	111030	12	1.4
							08.85- 12.86	111269	12	1.4
	[NR2]	08.85- 12.86	111086	14	65		08.85- 12.86	110336	12	0.75
							A13 08.85- 12.86	111269	12	1.4
							AT 08.85- 12.86	111030	12	1.4
	[NRB]	03.85- 12.86	111086	14	65		03.85- 12.86	110336	12	0.75
							A13 08.85- 12.86	111269	12	1.4
							AT 08.85- 12.86	111030	12	1.4
	[NRD]	10.85- 12.86	111086	14	65		AT 10.85- 12.86	111030	12	1.4
							10.85- 12.86	111269	12	1.4
	[NYT]	08.82- 10.84	111086	14	65					
		08.82- 10.84	111289	14	70					
Sierra 2.0 4x4	[N9C]	05.89- 02.93	111741	14	70		AT 05.89- 02.93	111030	12	1.4
Sierra 2.0 RS Cosworth	[N5B]						11.87- 01.90	111131	12	0.8
Sierra 2.0 XR4i	[N9C]	01.90- 02.93	111741	14	70		01.90- 02.93	111030	12	1.4
Sierra 2.0 16V Cosworth 4X4	[N5C]						01.93- 02.93	111750	12	1.4

## STARTERS & ALTERNATORS



	[N5D]					01.93- 02.93	111750	12	1.4
Sierra 2.0 i	[N4A]	01.87- 02.93	111086	14	65	RHD 01.87- 02.93	110831	12	0.8
		01.87- 02.93	111364	14	55	AT 01.87- 02.93	111030	12	1.4
						01.87- 10.89	110336	12	0.75
						01.87- 02.93	111269	12	1.4
	[N4B]	01.87- 02.93	111086	14	65	AT 01.87- 02.93	111030	12	1.4
		01.87- 02.93	111364	14	55	01.87- 02.93	111269	12	1.4
	[N4I]	01.87- 10.89	111086	14	65	AT 01.87- 10.89	111030	12	1.4
		01.87- 10.89	111364	14	55	01.87- 10.89	111269	12	1.4
						01.87- 10.89	110336	12	0.75
	[N8A]	06.89- 02.93	111741	14	70	06.89- 02.93	111030	12	1.4
	[N9B]	06.89- 02.93	111741	14	70	06.89- 02.93	111030	12	1.4
	[N9C]	05.89- 02.93	111741	14	70	AT 05.89- 02.93	111030	12	1.4
	[N9E]	12.91- 02.93	111741	14	70	12.91- 02.93	111030	12	1.4
	[NE5]	01.87- 12.92	111086	14	65	AT 01.87- 12.92	111030	12	1.4
		01.87- 12.92	111364	14	55	01.87- 12.92	111269	12	1.4
						10.87- 02.93	110831	12	0.8
	[NEJ]	01.87- 12.92	111086	14	65	AT 01.87- 12.92	111030	12	1.4
		01.87- 12.92	111364	14	55	01.87- 12.92	111269	12	1.4
	[NR2]	08.85- 12.86	111086	14	65	08.85- 12.86	110336	12	0.75
						A13 08.85- 12.86	111269	12	1.4
						AT 08.85- 12.86	111030	12	1.4
	[NRB]	03.85- 12.86	111086	14	65	03.85- 12.86	110336	12	0.75
						A13 08.85- 12.86	111269	12	1.4
						AT 08.85- 12.86	111030	12	1.4
Sierra 2.3	[YYT]	08.82- 12.86	111289	14	70				
		08.82- 12.86	111362	14	55				
Sierra 2.3 Diesel	[YTR]	01.87- 09.89	111086	14	65				
		01.87- 09.89	111364	14	55				
		01.87- 09.89	111368	14	70				
		RHD 01.87- 09.89	111364	14	55				
	[YTT]	02.82- 12.86	111289	14	70				
Sierra 2.8 4x4	[PRG]	01.87- 08.88	111289	14	70				
		01.87- 08.88	111362	14	55				
Sierra 2.8 XR 4x4	[PRT]	02.85- 12.86	111289	14	70				
		02.85- 12.86	111362	14	55				
Sierra 2.8 XR4i	[PR5]	08.82- 12.86	111289	14	70	02.85- 12.86	110842	12	1.4
		08.82- 12.86	111362	14	55				
	[PR6]	08.82- 12.86	111289	14	70	02.85- 12.86	110842	12	1.4
		08.82- 12.86	111362	14	55				
	[PRT]	08.82- 02.85	111289	14	70				
		08.82- 02.85	111362	14	55				
Sierra 2.8 i XR 4X4	[PR5]	09.83- 12.86	111289	14	70				
		10.84- 08.85	111362	14	55				
	[PR7]	01.87- 02.93	111289	14	70				
		01.87- 08.88	111289	14	70				
		01.87- 08.88	111362	14	55				
Sierra 2.8 i XR4	[PR5]	08.82- 12.86	111289	14	70	01.86- 12.86	110842	12	1.4
Sierra 2.8 i	[PR8]	01.87- 02.93	111289	14	70				
Sierra 2.8 i 4x4	[PR5, PR6]	08.82- 12.86	111289	14	70	01.86- 12.86	110842	12	1.4
	[PR6]	08.82- 12.86	111289	14	70	01.86- 12.86	110842	12	1.4
	[PR7]	01.87- 02.93	111289	14	70				
Sierra 2.9	[B4B]					08.88- 02.93	110842	12	1.4
	[B4C]					08.88- 02.93	110842	12	1.4
Sierra 2.9 4x4	[B4B]					08.88- 02.93	110842	12	1.4
	[B4C]					08.88- 02.93	110842	12	1.4
Sierra 2.9 i XR 4x4	[B4A]					08.88- 02.93	110842	12	1.4
	[B4B]					08.88- 02.93	110842	12	1.4
	[B4C]					08.88- 02.93	110842	12	1.4
Sierra 2.9 i	[B4B]					08.88- 02.93	110842	12	1.4
	[B4C]					08.88- 02.93	110842	12	1.4
S-Max 1.6 EcoBoost	[JTWA]					02.11-	116049	12	1.2
	[JTWB]					02.11-	116049	12	1.2
S-Max 1.6 TDCi	[T1WA]	02.11-	114724	14	150	02.11-	113908	12	1.2
						02.11-	115684	12	2.0
						02.11-	116062	12	1.2
	[T1WB]	02.11-	114724	14	150	02.11-	113908	12	1.2
						02.11-	115684	12	2.0
						02.11-	116062	12	1.2
S-Max 1.8 TDCi	[FFWA]	01.07-	114898	14	150	01.07-	114092	12	2.0
	[QYWA]	05.06-	114898	14	150	05.06-	114092	12	2.0
S-Max 2.0	[AOWA]	05.06-	115417	14	150	05.06-	113906	12	1.2
		05.06-	115847*	14	150				
	[AOWB]	05.06-	115417	14	150	05.06-	113906	12	1.2
		05.06-	115847*	14	150				
S-Max 2.0 EcoBoost	[R9CD]					02.15-	113906	12	1.2
	[R9CI]					02.15-	113906	12	1.2
	[TNWB]					07.10-	113906	12	1.2
S-Max 2.0 SCTi EcoBoost	[TPWA]					07.10-	113906	12	1.2
S-Max 2.0 TDCi	[AZWA]	05.06-	114724	14	150	05.06-	113911	12	2.2
	[AZWC]	05.06-	114724	14	150	05.06-	113911	12	2.2
	[KLWA]	11.07-	114724	14	150	11.07-	113911	12	2.2
	[QXWA]	05.06-	114724	14	150	05.06-	113911	12	2.2
	[QXWB]	05.06-	114724	14	150	05.06-	113911	12	2.2
	[QXWC]	05.06-	114724	14	150	05.06-	113911	12	2.2
	[TYWA]	11.07-	114724	14	150	11.07-	113911	12	2.2
	[UFWA]	05.06-	114724	14	150	05.06-	113911	12	2.2
	[UKWA]	05.06-	114724	14	150	05.06-	113911	12	2.2
S-Max 2.0 FlexFuel	[TBWA]	05.06-	115417	14	150	05.06-	113906	12	1.2
		05.06-	115847*	14	150				
	[TBWB]	05.06-	115417	14	150	05.06-	113906	12	1.2
		05.06-	115847*	14	150				
S-Max 2.2 TDCi	[KNWA]	07.10-	115544*	14	150	07.10-	115405	12	2.2
	[Q4WA]	03.08-	115544*	14	150	03.08-	115405	12	2.2
S-Max 2.3	[SEWA]	07.07-	115847*	14	150	07.07-	113906	12	1.2
S-Max 2.5 ST	[HUWA]	05.06-	115434	14	150	05.06-	115641	12	1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**FORD** *Continued*

Streetka 1.6 i					12.02-	114162	12	1.1	
Taurus 1.3	[JAC]	01.70- 07.82	111086	14 65	01.70- 07.82	110336	12	0.75	
	[JCC]	07.79- 07.82	111086	14 65	07.79- 07.82	110336	12	0.75	
		08.70- 02.76	111086	14 65	08.70- 02.76	110336	12	0.75	
Taurus 1.6	[LAD]	01.74- 05.79	111086	14 65	01.74- 05.79	110336	12	0.75	
	[LAR]	07.79- 07.82	111086	14 65	07.79- 07.82	110336	12	0.75	
	[LCJ]	08.70- 07.82	111086	14 65	08.70- 07.82	110336	12	0.75	
	[LE]				08.76- 07.82	110336	12	0.75	
		08.70- 02.76	111086	14 65	08.70- 02.76	110336	12	0.75	
Taurus 1.6 1600	[LCJ]	01.70- 05.75	111086	14 65	01.70- 05.75	110336	12	0.75	
Taurus 2.0	[NEE]	08.73- 02.76	111086	14 65					
	[NEG]	08.73- 07.79	111086	14 65					
	[NER]	07.79- 07.82	111086	14 65	07.79- 07.82	110336	12	0.75	
	[NWR]	07.79- 07.82	111289	14 70					
		07.79- 07.82	111362	14 55					
	[NYR]	05.75- 05.79	111289	14 70					
	01.76-	111086	14 65						
	12.75- 07.76	111086	14 65						
Taurus 2.0 V6		08.70- 02.76	111289	14 70					
Taurus 2.3	[YYF]	05.75- 07.79	111289	14 70					
	[YYR]	07.79- 07.82	111289	14 70					
Taurus 2.3 V6		08.71- 02.76	111289	14 70					
Tourneo Connect 1.5 TDCi	[XUGA]	05.15-	114724	14 150	05.15-	113908	12	1.2	A49
					05.15-	115684	12	2.0	
					05.15-	116062	12	1.2	
	[XVGA]	05.15-	114724	14 150	05.15-	113908	12	1.2	A49
					05.15-	115684	12	2.0	
					05.15-	116062	12	1.2	
	[XVGB]	05.15-	114724	14 150	05.15-	113908	12	1.2	A49
					05.15-	115684	12	2.0	
					05.15-	116062	12	1.2	
	[XVGC]	05.15-	114724	14 150	05.15-	113908	12	1.2	A49
					05.15-	115684	12	2.0	
					05.15-	116062	12	1.2	
[XWGA]	05.15-	114724	14 150	05.15-	113908	12	1.2	A49	
				05.15-	115684	12	2.0		
				05.15-	116062	12	1.2		
[XWGB]	05.15-	114724	14 150	05.15-	113908	12	1.2	A49	
				05.15-	115684	12	2.0		
				05.15-	116062	12	1.2		
Tourneo Connect 1.6 EcoBoost	[JQGA]				11.13-	116050	12	1.4	A49
Tourneo Connect 1.6 TDCi	[T1GA]	09.13-	114724	14 150	09.13-	113908	12	1.2	A49
					A25 09.13-	115684	12	2.0	A49
					09.13-	116062	12	1.2	
	[TZGA]	09.13-	114724	14 150	09.13-	113908	12	1.2	A49
					A25 09.13-	115684	12	2.0	A49
					09.13-	116062	12	1.2	
	[TZGB]	09.13-	114724	14 150	09.13-	113908	12	1.2	A49
					A25 09.13-	115684	12	2.0	A49
					09.13-	116062	12	1.2	
					A25 09.13-	115684	12	2.0	A49
				09.13-	116062	12	1.2		
Tourneo Connect 1.8 TDCi	[RWPA]	08.06-	113710	14 125	08.06-	113910	12	1.4	
	[RWPC]	08.06-	113710	14 125	08.06-	113910	12	1.4	
	[RWPD]	08.06-	113710	14 125	08.06-	113910	12	1.4	
Tourneo Courier 1.0 EcoBoost	[SFCA]				02.14-	115555	12	1.0	
	[SFCB]				02.14-	115555	12	1.0	
	[SFCC]				02.14-	115555	12	1.0	
	[SFCD]				02.14-	115555	12	1.0	
Tourneo Courier 1.5 TDCi	[UGCA]	02.14-	114724	14 150	02.14-	113905	12	1.4	A49
	[UGCB]	02.14-	114724	14 150	02.14-	113905	12	1.4	A49
Tourneo Courier 1.5 TDCi Courier Kombi	[XVCA]	05.15-	114724	14 150	05.15-	113905	12	1.4	A49
	[XVCB]	05.15-	114724	14 150	05.15-	113905	12	1.4	A49
	[XVCC]	05.15-	114724	14 150	05.15-	113905	12	1.4	A49
Tourneo Courier 1.6 TDCi	[T3CA]	02.14-	114724	14 150	02.14-	113905	12	1.4	A49
	[T3CB]	02.14-	114724	14 150	02.14-	113905	12	1.4	A49
Tourneo Custom 2.2 TDCi	[CVFF]	12.12-	115461*	14 150	12.12-	113959	12	2.0	
		12.12-	116061	14 150 A49	12.12-	115510	12	2.0	A49
					A25 12.12-	115986	12	2.5	
	[CYF4]	12.12-	115461*	14 150	12.12-	113959	12	2.0	
		12.12-	116061	14 150 A49	12.12-	115510	12	2.0	A49
					A25 12.12-	115986	12	2.5	
	[CYFF]				A25 12.12-	115986	12	2.5	
	[DRF4]	12.12-	115461*	14 150	12.12-	113959	12	2.0	
		12.12-	116061	14 150 A49	12.12-	115510	12	2.0	A49
					A25 12.12-	115986	12	2.5	
				A25 12.12-	115986	12	2.5		
Transit 1.5	[EX]	12.68- 05.73	110178	14 36					
		05.72- 05.73	110759	14 35					
Transit 1.6	[4RB]	04.78- 12.85	110759	14 35					
		04.78- 12.85	111086	14 65					
	[B]				AT 11.77- 10.86	110831	12	0.8	
	[LAT]	11.85- 09.91	111086	14 65	11.85- 12.89	110336	12	0.75	
		11.85- 09.91	111364	14 55	AT 08.86- 09.91	111030	12	1.4	
	11.85- 09.91	111368	14 70						
Transit 1.7	[EY]	04.71- 03.78	110178	14 36					
		04.71- 03.78	110759	14 35					
		01.71- 07.73	110178	14 36					
		05.72- 05.73	110759	14 35					
Transit 1.7 FT100	[EY]	04.71- 03.78	110178	14 36					
		05.72- 03.78	110759	14 35					
Transit 2.0	[4RC]	11.77- 12.95	111086	14 65					

**STARTERS & ALTERNATORS**



	[N6T]	10.88- 09.91	111086	14 65					
		10.88- 09.91	111364	14 55		AT 10.88- 09.91	111030	12 1.4	
		10.88- 09.91	111368	14 70					
	[NAT]	11.85- 09.91	111086	14 65		11.85- 02.89	110336	12 0.75	
		11.85- 09.91	111364	14 55					
		11.85- 09.91	111368	14 70		AT 08.86- 09.91	111030	12 1.4	
	[NAV]	11.85- 09.91	111086	14 65		11.85- 02.89	110336	12 0.75	
		11.85- 09.91	111364	14 55					
		11.85- 09.91	111368	14 70		AT 08.86- 09.91	111030	12 1.4	
	[NBA]	09.91- 10.94	111741	14 70					
	[NCA]	09.91- 10.94	111741	14 70					
	[NSF]	11.94-	113529	14 120		11.94-	111030	12 1.4	
	[NSG]	11.94-	113529	14 120		11.94-	111030	12 1.4	
Transit 2.0 i	[NCA]	09.91- 10.94	111741	14 70		AT 09.91- 10.94	111030	12 1.4	
Transit 2.0 CNG	[NSH]	06.94- 03.00	113529	14 120		06.94- 03.00	111030	12 1.4	
Transit 2.0 Diesel Di	[ABFA]	08.00-	113298	14 105		08.00-	112821	12 2.2	
						08.00-	115870	12 2.1 A49	
	[D3FA]	08.00-	113298	14 105		08.00-	112821	12 2.2	
						08.00-	115870	12 2.1 A49	
	[F3FA]	08.00-	113298	14 105		08.00-	112821	12 2.2	
						08.00-	115870	12 2.1 A49	
Transit 2.0 TDCi	[FIFA]	08.02-	113298	14 105		08.02-	112821	12 2.2	
						08.02-	115870	12 2.1 A49	
Transit 2.2 TDCi	[CV24]	05.14-	115576*	14 150		05.14-	116065*	12 2.5	
	[CVF5]	05.14-	115461*	14 150		05.14-	113959	12 2.0	
		05.14-	116061	14 150 A49		05.14-	115510	12 2.0 A49	
					A25	05.14-	115986	12 2.5	
	[CVR5]	05.14-	115576*	14 150		05.14-	116065*	12 2.5	
	[CVRA]	10.11-	115576*	14 150		10.11-	116065*	12 2.5	
	[CVRB]	10.11-	115576*	14 150		10.11-	116065*	12 2.5	
	[CVRC]	10.11-	115576*	14 150		10.11-	116065*	12 2.5	
	[CY14]	05.14-	115461*	14 150		05.14-	113959	12 2.0	
		05.14-	116061	14 150 A49		05.14-	115510	12 2.0 A49	
	[CYF5]	05.14-	115461*	14 150		05.14-	113959	12 2.0	
		05.14-	115576*	14 150		A25	05.14-	115986	12 2.5
		05.14-	116061	14 150 A49		05.14-	115510	12 2.0 A49	
	[CYFA]	10.11-	115461*	14 150		10.11-	113959	12 2.0	
		10.11-	116061	14 150 A49		10.11-	115510	12 2.0 A49	
					A25	10.11-	115986	12 2.5	
	[CYFB]	10.11-	115461*	14 150		10.11-	113959	12 2.0	
		10.11-	116061	14 150 A49		10.11-	115510	12 2.0 A49	
					A25	10.11-	115986	12 2.5	
	[CYFC]	10.11-	115461*	14 150		10.11-	113959	12 2.0	
		10.11-	116061	14 150 A49		10.11-	115510	12 2.0 A49	
					A25	10.11-	115986	12 2.5	
	[CYFD]	10.11-	115461*	14 150		10.11-	113959	12 2.0	
		10.11-	116061	14 150 A49		10.11-	115510	12 2.0 A49	
					A25	10.11-	115986	12 2.5	
	[CYFG]	05.14-	115461*	14 150		05.14-	113959	12 2.0	
		05.14-	116061	14 150 A49		05.14-	115510	12 2.0 A49	
					A25	05.14-	115986	12 2.5	
	[CYRA]	10.11-	115576*	14 150		10.11-	116065*	12 2.5	
	[CYRB]	10.11-	115576*	14 150		10.11-	116065*	12 2.5	
	[DRF5]	05.14-	115461*	14 150		05.14-	113959	12 2.0	
		05.14-	115576*	14 150		05.14-	115510	12 2.0 A49	
		05.14-	116061	14 150 A49		A25	05.14-	115986	12 2.5
	[DRFA]	10.11-	115461*	14 150		10.11-	113959	12 2.0	
		10.11-	116061	14 150 A49		10.11-	115510	12 2.0 A49	
					A25	10.11-	115986	12 2.5	
	[DRFB]	10.11-	115461*	14 150		10.11-	113959	12 2.0	
		10.11-	116061	14 150 A49		10.11-	115510	12 2.0 A49	
					A25	10.11-	115986	12 2.5	
	[DRFC]	10.11-	115461*	14 150		10.11-	113959	12 2.0	
		10.11-	116061	14 150 A49		10.11-	115510	12 2.0 A49	
					A25	10.11-	115986	12 2.5	
	[DRFD]	10.11-	115461*	14 150		10.11-	113959	12 2.0	
		10.11-	116061	14 150 A49		10.11-	115510	12 2.0 A49	
					A25	10.11-	115986	12 2.5	
	[DRFE]	10.11-	115461*	14 150		10.11-	113959	12 2.0	
		10.11-	116061	14 150 A49		10.11-	115510	12 2.0 A49	
				A25	10.11-	115986	12 2.5		
[DRFF]	05.14-	115461*	14 150		05.14-	113959	12 2.0		
	05.14-	115576*	14 150		05.14-	115510	12 2.0 A49		
	05.14-	116061	14 150 A49		A25	05.14-	115986	12 2.5	
[DRFG]	05.14-	115461*	14 150		05.14-	113959	12 2.0		
	05.14-	115576*	14 150		05.14-	115510	12 2.0 A49		
	05.14-	116061	14 150 A49		A25	05.14-	115986	12 2.5	
[DRR5]	05.14-	115576*	14 150		05.14-	116065*	12 2.5		
[DRRA]	10.11-	115576*	14 150		10.11-	116065*	12 2.5		
[DRRB]	10.11-	115576*	14 150		10.11-	116065*	12 2.5		
[DRRC]	10.11-	115576*	14 150		10.11-	116065*	12 2.5		
[P8FA]	04.06-	115499	14 150 A49		07.06-	115510	12 2.0 A49		
	07.06-	113958	14 150		07.06-	113959	12 2.0		
[P8FB]	04.06-	115499	14 150 A49		07.06-	115510	12 2.0 A49		
	07.06-	113958	14 150		07.06-	113959	12 2.0		
[PGFA]	10.07-	113958	14 150		10.07-	113959	12 2.0		
	10.07-	115499	14 150 A49		10.07-	115510	12 2.0 A49		
[PGFB]	10.07-	113958	14 150		10.07-	113959	12 2.0		
	10.07-	115499	14 150 A49		10.07-	115510	12 2.0 A49		
[QVFA]	04.06-	115499	14 150 A49		07.06-	115510	12 2.0 A49		
	07.06-	113958	14 150		07.06-	113959	12 2.0		
[QWFA]	04.06-	115499	14 150 A49		07.06-	115510	12 2.0 A49		
	07.06-	113958	14 150		07.06-	113959	12 2.0		
[SRFA]	10.08-	113958	14 150		10.08-	113959	12 2.0		
	10.08-	115499	14 150 A49		10.08-	115510	12 2.0 A49		

## STARTERS & ALTERNATORS

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	[SRFB]	10.08-	113958	14 150		10.08-	113959	12 2.0	
		10.08-	115499	14 150 A49		10.08-	115510	12 2.0	A49
	[SRFC]	10.08-	113958	14 150		10.08-	113959	12 2.0	
		10.08-	115499	14 150 A49		10.08-	115510	12 2.0	A49
	[SRFD]	10.08-	113958	14 150		10.08-	113959	12 2.0	
		10.08-	115499	14 150 A49		10.08-	115510	12 2.0	A49
	[SRFE]	10.08-	113958	14 150		10.08-	113959	12 2.0	
		10.08-	115499	14 150 A49		10.08-	115510	12 2.0	A49
	[UHFA]	10.07-	113958	14 150		10.07-	113959	12 2.0	
		10.07-	115499	14 150 A49		10.07-	115510	12 2.0	A49
	[UHFB]	10.07-	113958	14 150		10.07-	113959	12 2.0	
		10.07-	115499	14 150 A49		10.07-	115510	12 2.0	A49
	[UHFC]	10.07-	113958	14 150		10.07-	113959	12 2.0	
		10.07-	115499	14 150 A49		10.07-	115510	12 2.0	A49
	[USF6]	05.14-	115461*	14 150		05.14-	113959	12 2.0	
		05.14-	116061	14 150 A49		05.14-	115510	12 2.0	A49
					A25	05.14-	115986	12 2.5	
	[USR6]	05.14-	115576*	14 150		05.14-	116065*	12 2.5	
	[USRA]	09.11-	115576*	14 150		09.11-	116065*	12 2.5	
	[USRB]	09.11-	115576*	14 150		09.11-	116065*	12 2.5	
	[UYR6]	05.14-	115576*	14 150		05.14-	116065*	12 2.5	
Transit 2.2 TDCi 4x4	[CV24]	05.14-	115576*	14 150		05.14-	116065*	12 2.5	
	[CVR5]	05.14-	115576*	14 150		05.14-	116065*	12 2.5	
	[CY24]	05.14-	115576*	14 150		05.14-	116065*	12 2.5	
	[CYR5]	05.14-	115576*	14 150		05.14-	116065*	12 2.5	
	[CYRB]	10.11-	115576*	14 150		A25 10.11-	116065*	12 2.5	
	[CYRC]	10.11-	115576*	14 150		10.11-	116065*	12 2.5	
Transit 2.2 TDCi Custom	[CVFF]	12.12-	115461*	14 150		12.12-	113959	12 2.0	
		12.12-	116061	14 150 A49		12.12-	115510	12 2.0	A49
					A25	12.12-	115986	12 2.5	
	[CYF4]	12.12-	115461*	14 150		12.12-	113959	12 2.0	
		12.12-	116061	14 150 A49		12.12-	115510	12 2.0	A49
					A25	12.12-	115986	12 2.5	
	[CYFF]				A25	12.12-	115986	12 2.5	
	[DRF4]	12.12-	115461*	14 150		12.12-	113959	12 2.0	
		12.12-	116061	14 150 A49		12.12-	115510	12 2.0	A49
					A25	12.12-	115986	12 2.5	
	[DRFF]				A25	12.12-	115986	12 2.5	
	[DRFG]				A25	12.12-	115986	12 2.5	
Transit 2.2 TDCi RWD	[USRA, USRB]	10.11-	115576*	14 150		10.11-	113959	12 2.0	
						10.11- 08.14	116065*	12 2.5	
Transit 2.2 TDCi Tourneo	[PGFA]	10.07-	113958	14 150		10.07-	113959	12 2.0	
		10.07-	115499	14 150 A49		10.07-	115510	12 2.0	A49
	[PGFB]	10.07-	113958	14 150		10.07-	113959	12 2.0	
		10.07-	115499	14 150 A49		10.07-	115510	12 2.0	A49
	[QVFA]	07.06-	113958	14 150		07.06-	113959	12 2.0	
		07.06-	115499	14 150 A49		07.06-	115510	12 2.0	A49
	[QWFA]	07.06-	113958	14 150		07.06-	113959	12 2.0	
		07.06-	115499	14 150 A49		07.06-	115510	12 2.0	A49
	[SRFA]	10.08-	113958	14 150		10.08-	113959	12 2.0	
		10.08-	115499	14 150 A49		10.08-	115510	12 2.0	A49
	[SRFB]	10.08-	113958	14 150		10.08-	113959	12 2.0	
		10.08-	115499	14 150 A49		10.08-	115510	12 2.0	A49
	[SRFC]	10.08-	113958	14 150		10.08-	113959	12 2.0	
		10.08-	115499	14 150 A49		10.08-	115510	12 2.0	A49
	[SRFD]	10.08-	113958	14 150		10.08-	113959	12 2.0	
		10.08-	115499	14 150 A49		10.08-	115510	12 2.0	A49
	[SRFE]	10.08-	113958	14 150		10.08-	113959	12 2.0	
		10.08-	115499	14 150 A49		10.08-	115510	12 2.0	A49
Transit 2.3 16V	[E5FA]	04.01-	113621	14 115		04.01-	111030	12 1.4	
	[E5FC]	04.01-	113621	14 115		04.01-	111030	12 1.4	
	[GZFA]					07.06-	113906	12 1.2	
	[GZFB]					07.06-	113906	12 1.2	
	[GZFC]					07.06-	113906	12 1.2	
Transit 2.3 CNG CNG	[GZFA]					04.06- 08.14	113906	12 1.2	
Transit 2.3 LPG	[GZFA]					04.06- 08.14	113906	12 1.2	
Transit 2.3 FT 100		11.71- 03.78	110178	14 36					
		05.72- 03.78	110759	14 35					
Transit 2.4 TDE	[DOFA]	07.01-	113544	14 95		07.01-	115870	12 2.1	A49
		07.01-	113913	14 110		11.01-	112821	12 2.2	
		11.01-	113285	14 75					
Transit 2.4 Diesel Di	[D2FA]	01.00-	113544	14 95		01.00-	115870	12 2.1	A49
		01.00-	113913	14 110		03.00-	112821	12 2.2	
		03.00-	113285	14 75					
	[D2FB]	01.00-	113913	14 110					
	[D2FE]	01.00-	113544	14 95		01.00-	115870	12 2.1	A49
		01.00-	113913	14 110		03.00-	112821	12 2.2	
		03.00-	113285	14 75					
	[D4FA]	01.00-	113544	14 95		01.00-	115870	12 2.1	A49
		01.00-	113913	14 110		03.00-	112821	12 2.2	
		03.00-	113285	14 75					
	[F4FA]	01.00-	113544	14 95		01.00-	115870	12 2.1	A49
		01.00-	113913	14 110		03.00-	112821	12 2.2	
		03.00-	113285	14 75					
Transit 2.4 Diesel	[4AA]	01.77- 05.84	110759	14 35		01.77- 05.84	110461	12 2.8	
			111185	14 43 A47					
		RHD	110178	14 36					
Transit 2.4 TD 4x4	[F4FA]	08.00-	113913	14 110					
Transit 2.4 TDCi	[H9FA]	03.04-	113285	14 75		03.04-	112821	12 2.2	
		03.04-	113544	14 95		03.04-	115870	12 2.1	A49
	[H9FB]	07.06-	114064	14 150		07.06-	113959	12 2.0	
						07.06-	115510	12 2.0	A49
	[H9FD]	07.06-	114064	14 150		07.06-	113959	12 2.0	
						04.06-	115510	12 2.0	A49
	[JXFA]	07.06-	114064	14 150		07.06-	113959	12 2.0	
						04.06-	115510	12 2.0	A49

## STARTERS & ALTERNATORS





	[JXFC]	04.06-	114064	14 150		04.06-	113959	12 2.0
	[PHFA]	07.06-	114064	14 150		04.06-	115510	12 2.0 A49
	[PHFC]	07.06-	114064	14 150		07.06-	113959	12 2.0
						07.06-	115510	12 2.0 A49
Transit 2.4 TDCi 4x4	[H9FB]	11.06-	114064	14 150		07.06-	113959	12 2.0
						11.06-	115510	12 2.0 A49
Transit 2.4 TDDi	[D4FA]	08.00-08.03	113913	14 110				
Transit 2.4 TDE	[DOFA]	07.01-	113544	14 95		07.01-	115870	12 2.1 A49
		07.01-	113913	14 110		11.01-	112821	12 2.2
		11.01-	113285	14 75				
	[FXFA]	03.04-	113285	14 75		03.04-	112821	12 2.2
		03.04-	113544	14 95		03.04-	115870	12 2.1 A49
Transit 2.5 Diesel Di	[4BC]	05.91-08.94	115890	14 70 A49		08.91-10.96	110461	12 2.8
		08.91-07.97	111623	14 70		10.96-	112251	12 2.3
		08.91-07.97	111742	14 70				
		08.97-	111797	14 95				
	[4CC]	05.91-08.94	115890	14 70 A49		08.91-10.96	110461	12 2.8
		08.91-07.97	111623	14 70		10.96-	112251	12 2.3
		08.91-07.97	111742	14 70				
		08.97-	111797	14 95				
	[4DA]	05.91-08.94	115890	14 70 A49		09.91-10.96	110461	12 2.8
		09.91-07.97	111623	14 70		10.96-	112251	12 2.3
		09.91-07.97	111742	14 70				
	[4ED]	05.99-03.00	111797	14 95		05.99-03.00	112251	12 2.3
	[4FA]	05.91-03.00	115890	14 70 A49		08.91-10.96	110461	12 2.8
		08.91-07.97	111623	14 70		10.96-	112251	12 2.3
		08.91-07.97	111742	14 70				
		08.97-	111797	14 95				
	[4FB]	06.94-03.00	115890	14 70 A49		07.94-10.96	110461	12 2.8
		07.94-07.97	111623	14 70		10.96-	112251	12 2.3
		07.94-07.97	111742	14 70				
		08.97-	111797	14 95				
	[4FC]	06.94-03.00	115890	14 70 A49		07.94-10.96	110461	12 2.8
		07.94-07.97	111623	14 70		10.96-	112251	12 2.3
		07.94-07.97	111742	14 70				
		08.97-	111797	14 95				
	[4FD]	08.91-07.97	111623	14 70		04.97-	112251	12 2.3
		08.91-07.97	111742	14 70		06.94-03.00	110461	12 2.8
		06.94-03.00	115890	14 70 A49				
		08.97-	111797	14 95				
	[4GA]	10.92-08.94	115890	14 70 A49		10.92-10.96	110461	12 2.8
		11.92-07.97	111623	14 70		10.96-	112251	12 2.3
		11.92-07.97	111742	14 70				
		08.97-	111797	14 95				
	[4GB]	10.92-08.94	115890	14 70 A49		08.94-10.96	110461	12 2.8
		08.94-07.97	111623	14 70		10.96-08.00	112251	12 2.3
		08.94-07.97	111742	14 70				
		08.97-08.00	111797	14 95				
	[4GC]	10.92-08.94	115890	14 70 A49		08.94-10.96	110461	12 2.8
		08.94-07.97	111623	14 70		10.96-	112251	12 2.3
		08.94-07.97	111742	14 70				
		08.97-08.00	111797	14 95				
	[4HB]	06.94-07.97	111623	14 70		06.94-10.96	110461	12 2.8
		06.94-07.97	111742	14 70		10.96-	112251	12 2.3
		06.94-03.00	115890	14 70 A49				
		08.97-	111797	14 95				
	[4HC]	06.94-07.97	111623	14 70		06.94-03.00	110461	12 2.8
		06.94-07.97	111742	14 70				
		06.94-03.00	115890	14 70 A49				
		08.97-	111797	14 95				
Transit 2.5 Diesel	[4AB]	10.83-02.86	110759	14 35		10.83-08.91	110461	12 2.8
		01.86-08.91	110607	14 70				
		01.86-08.91	111754	14 70				
	[4BA]	02.86-08.91	110607	14 70		02.86-08.91	110461	12 2.8
		02.86-08.91	111754	14 70				
	[4CA]	02.86-08.91	110607	14 70		02.86-08.91	110461	12 2.8
		02.86-08.91	111754	14 70				
	[4ED]	08.97-	111797	14 95		10.96-	112251	12 2.3
Transit 2.5 DTi	[4HC]	07.94-07.97	111623	14 70				
		07.94-07.97	111742	14 70				
		07.94-03.00	115890	14 70 A49				
		08.97-	111797	14 95				
Transit 2.5 TD	[4EA]	05.91-08.94	115890	14 70 A49		05.91-08.94	110461	12 2.8
		09.91-08.94	111623	14 70				
		09.91-08.94	111742	14 70				
	[4EB]	05.91-03.00	115890	14 70 A49		07.94-10.96	110461	12 2.8
		07.94-07.97	111623	14 70		10.96-	112251	12 2.3
		07.94-07.97	111742	14 70				
		08.97-08.00	111797	14 95				
	[4EC]	08.91-07.97	111623	14 70		08.91-08.94	110461	12 2.8
		08.91-07.97	111742	14 70		10.96-08.00	112251	12 2.3
		07.94-03.00	115890	14 70 A49				
		07.97-	111797	14 95				
	[4GA]	10.92-07.97	111623	14 70		10.92-10.96	110461	12 2.8
		10.92-07.97	111742	14 70		10.96-	112251	12 2.3
		10.92-03.00	115890	14 70 A49				
		08.97-	111797	14 95				
	[4GB]	10.92-03.00	115890	14 70 A49		06.94-10.96	110461	12 2.8
		06.94-07.97	111623	14 70		10.96-	112251	12 2.3
		06.94-07.97	111742	14 70				
		08.97-	111797	14 95				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

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	[4GC]	10.92- 03.00 06.94- 07.97 06.94- 07.97 08.97-	115890 111623 111742 111797	14 70 14 70 14 70 14 95	A49	06.94- 10.96 10.96-	110461 112251	12 2.8 12 2.3
	[4GD]	06.94- 07.97 06.94- 07.97 06.94- 03.00 08.97-	111623 111742 115890 111797	14 70 14 70 14 70 14 95	A49	06.94- 03.00	110461	12 2.8
	[4GE]	06.94- 07.97 06.94- 07.97 06.94- 03.00 08.97-	111623 111742 115890 111797	14 70 14 70 14 70 14 95	A49	06.94- 03.00	110461	12 2.8
	[4GF]	06.94- 07.97 06.94- 07.97 06.94- 03.00 08.97-	111623 111742 115890 111797	14 70 14 70 14 70 14 95	A49	06.94- 03.00	110461	12 2.8
	[4HA]	10.98-	111797	14 95		10.98-	112251	12 2.3
	[4HD]	10.98-	111797	14 95		10.98-	112251	12 2.3
Transit 2.5 TDi	[4EB]	06.94- 03.00 09.95- 07.97 09.95- 07.97 08.97-	115890 111623 111742 111797	14 70 14 70 14 70 14 95	A49	09.95- 10.96 10.96-	110461 112251	12 2.8 12 2.3
	[4EC]	06.94- 03.00 09.95- 07.97 09.95- 07.97 08.97-	115890 111623 111742 111797	14 70 14 70 14 70 14 95	A49	06.94- 03.00	110461	12 2.8
Transit 2.9 i	[BRT]					01.91-	110842	12 1.4
Transit 3.2 TDCi	[SAFA]	09.07-	114064	14 150		09.07- 09.07-	113959 115510	12 2.0 12 2.0
	[SAFB]	09.07-	114064	14 150		09.07- 09.07-	113959 115510	12 2.0 12 2.0
Transit Connect 1.5 TDCi	[XUGA]	08.15-	114724	14 150		08.15- 08.15- 08.15-	113908 115684 116062	12 1.2 12 2.0 12 1.2
	[XVGA]	05.15-	114724	14 150		05.15- 05.15- 05.15-	113908 115684 116062	12 1.2 12 2.0 12 1.2
	[XVGB]	05.15-	114724	14 150		05.15- 05.15- 05.15-	113908 115684 116062	12 1.2 12 2.0 12 1.2
	[XVGC]	05.15-	114724	14 150		05.15- 05.15- 05.15-	113908 115684 116062	12 1.2 12 2.0 12 1.2
	[XWGA]	05.15-	114724	14 150		05.15- 05.15- 05.15-	113908 115684 116062	12 1.2 12 2.0 12 1.2
	[XWGB]	05.15-	114724	14 150		05.15- 05.15- 05.15-	113908 115684 116062	12 1.2 12 2.0 12 1.2
Transit Connect 1.6 EcoBoost	[JQGA]					11.13-	116050	12 1.4
Transit Connect 1.6 TDCi	[T1GA]	09.13-	114724	14 150		09.13- 09.13-	113908 116062	12 1.2 12 1.2
	[TZGA]	09.13-	114724	14 150		09.13- A25 09.13- 09.13-	113908 115684 116062	12 1.2 12 2.0 12 1.2
	[TZGB]	09.13-	114724	14 150		09.13- A25 09.13- 09.13-	113908 115684 116062	12 1.2 12 2.0 12 1.2
	[UBGA]	09.13-	114724	14 150		09.13- A25 09.13- 09.13- 09.13-	113908 115684 115684 116062	12 1.2 12 2.0 12 2.0 12 1.2
Transit Connect 1.8 16V	[EYPA]	06.02- AC 06.02-	113710 113710	14 125 14 125		09.02-	112235	12 1.4
	[EYPC]	06.02- AC 06.02-	113710 113710	14 125 14 125		06.02-	112235	12 1.4
	[EYPD]	06.02-	113710	14 125		06.02-	112235	12 1.4
Transit Connect 1.8 16V LPG	[EYPC]	06.02-	113710	14 125		06.02-	112235	12 1.4
Transit Connect 1.8 TD	[HCPA]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[HCPB]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[P9PA]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[P9PB]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[P9PC]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[P9PD]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[R3PA]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[RWPE]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[RWPF]	06.02-	113710	14 125		06.02-	113910	12 1.4
Transit Connect 1.8 TDCi	[HCPA]	09.02-	113710	14 125		06.02-	113910	12 1.4
	[HCPB]					06.02-	113910	12 1.4
	[P9PA]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[P9PB]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[P9PC]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[P9PD]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[R3PA]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[RWPE]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[RWPF]	06.02-	113710	14 125		06.02-	113910	12 1.4
Transit Connect 1.8 TDCi DPF	[RWPA]	08.06-	113710	14 125		08.06-	113910	12 1.4
	[RWPC]	08.06-	113710	14 125		08.06-	113910	12 1.4
	[RWPD]	08.06-	113710	14 125		08.06-	113910	12 1.4
Transit Connect 1.8 TDDi	[BHPA]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[P7PA]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[P7PB]	06.02-	113710	14 125		06.02-	113910	12 1.4
	[R2PA]	06.02-	113710	14 125		06.02-	113910	12 1.4
Transit Courier 1.0 EcoBoost	[SFCA]					02.14-	115555	12 1.0
	[SFCB]					02.14-	115555	12 1.0

## STARTERS & ALTERNATORS



	[SFCC]					02.14-	115555	12	1.0	
	[SFCD]					02.14-	115555	12	1.0	
Transit Courier 1.5 TDCi	[UGCA]	02.14-	114724	14	150	02.14-	113905	12	1.4 A49	
	[UGCB]	02.14-	114724	14	150	02.14-	113905	12	1.4 A49	
	[XVCA]	05.15-	114724	14	150	05.15-	113905	12	1.4 A49	
	[XVCB]	05.15-	114724	14	150	05.15-	113905	12	1.4 A49	
	[XVCC]	05.15-	114724	14	150	05.15-	113905	12	1.4 A49	
Transit Courier 1.6 TDCi	[T3CA]	02.14-	114724	14	150	02.14-	113905	12	1.4 A49	
	[T3CB]	02.14-	114724	14	150	02.14-	113905	12	1.4 A49	
	[T3CC]	02.14-	114724	14	150	02.14-	113905	12	1.4 A49	
Various models						01.71- 01.82	110336	12	0.75	
						04.72- 12.86	110461	12	2.8	
						01.71-	110462	12	2.8	
						01.76- 01.88	110831	12	0.8	
						01.86- 12.94	110842	12	1.4	
						05.81- 01.82	110998	24	5.2	
						07.85- 02.92	111030	12	1.4	
Windstar 3.0 V6						10.98-	111906	12	1.1	
						03.95- 02.99	112584	12	1.4	
PASSENGER CARS US							03.95- 01.00	112586	12	1.4
300 4.3							01.63- 01.63	110225	12	
Aerostar 2.3						01.63- 01.63	110224	12	1.3	
		01.86- 01.91	112842	14	75	01.86- 01.87	112963	12	1.4	
		01.86- 01.90	111252	14	75					
Aerostar 2.8		01.86- 01.88	112834	14	145					
Aerostar 3.0						01.86- 01.86	112016	12		
		01.97- 01.97	111199	14	95					
		01.86- 01.88	112834	14	145					
		01.86- 01.91	112842	14	75					
Aerostar 4.0		01.86- 01.91	111252	14	75					
		01.92- 01.97	111199	14	95	01.96- 01.96	111844	12	1.4	
Aspire 1.3						01.94- 01.97	110807	12	0.85	
						01.94- 01.97	110808	12	0.85	
Aspire 1.3 SE						01.94- 01.95	110807	12	0.85	
						01.94- 01.95	110808	12	0.85	
Bronco 2.8		01.84- 01.85	110237	14	60	01.84- 01.85	112016	12		
Bronco 2.9		01.86- 01.90	110237	14	60	01.86- 01.90	112016	12		
Bronco 3.3						01.73- 01.74	110226	12		
Bronco 4.7						01.66- 01.68	110225	12		
						01.66- 01.68	110224	12	1.3	
Bronco 4.9		01.87- 01.91	112835	14	65	01.92- 01.93	111183	12	1.4	
		01.80- 01.91	110237	14	60	01.83- 01.91	112965	12		
		01.80- 01.91	110238	14	70	01.80- 01.82	110225	12		
Bronco 5.0		01.92- 01.96	112842	14	75	01.92- 01.96	111183	12	1.4	
		01.77- 01.91	110237	14	60	01.85- 01.91	112965	12		
		01.80- 01.91	110238	14	70	01.69- 01.84	110225	12		
						01.69- 01.77	110224	12	1.3	
Bronco 5.8		01.91-	111199	14	95	01.92- 01.96	111183	12	1.4	
		01.91-	111220	14	105	01.86- 01.91	112965	12		
		01.92- 01.96	112842	14	75	01.80- 01.91	110225	12		
		01.78- 01.91	110237	14	60					
		01.80- 01.91	110238	14	70					
		01.86- 01.91	112835	14	65					
Bronco 6.6		01.78- 01.79	110237	14	60					
Club 2.4						01.62- 01.64	110226	12		
Club 2.8						01.62- 01.67	110226	12		
Club 4.3						01.63- 01.64	110225	12		
						01.63- 01.64	110224	12	1.3	
Contour 2.0						01.97- 01.00	112235	12	1.4	
						01.97- 01.00	112340	12	1.4	
Contour 2.0 GL						01.95- 01.98	112235	12	1.4	
						01.95- 01.98	112340	12	1.4	
Contour 2.0 LX						01.95- 01.98	112235	12	1.4	
						01.95- 01.98	112340	12	1.4	
Contour 2.0 SE						01.98- 01.98	112340	12	1.4	
						01.98- 01.98	112235	12	1.4	
Contour 2.0 Sport						01.96- 01.96	112235	12	1.4	
						01.96- 01.96	112340	12	1.4	
Contour 2.5		01.98- 01.00	112939	14	130	01.98- 01.00	111374	12	1.5	
Contour 2.5 GL		01.95- 01.98	112939	14	130	01.95- 01.98	111374	12	1.5	
Contour 2.5 LX		01.95- 01.98	112939	14	130	01.95- 01.98	111374	12	1.5	
Contour 2.5 SE		01.95- 01.98	112939	14	130	01.95- 01.98	111374	12	1.5	
Contour 2.5 Sport		01.96- 01.97	112939	14	130	01.96- 01.97	111374	12	1.5	
Contour 2.5 SVT		01.98- 01.00	112939	14	130	01.98- 01.00	111374	12	1.5	
Country 3.9						01.65- 01.70	110225	12		
						01.65- 01.70	110224	12	1.3	
Country 4.3						01.63- 01.64	110225	12		
						01.63- 01.64	110224	12	1.3	
Country 4.7						01.63- 01.67	110225	12		
						01.63- 01.67	110224	12	1.3	
Country 5.0						01.68- 01.72	110225	12		
						01.68- 01.72	110224	12	1.3	
Country 5.8						01.65- 01.67	110226	12		
						01.69- 01.74	110225	12		
Country 6.4						01.65- 01.71	110226	12		
Country 6.6		01.71- 01.74	110238	14	70	01.71- 01.74	110228	12		
		01.71- 01.74	110237	14	60					
Country 7.0						01.65- 01.70	110226	12		
						01.69- 01.73	110229	12		
						01.69- 01.73	110228	12		
Country 7.5		01.72- 01.74	110238	14	70	01.72- 01.74	110229	12		
		01.72- 01.74	110237	14	60					
Country Squire 4.3						01.63- 01.64	110224	12	1.3	
						01.63- 01.64	110225	12		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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Country Squire 4.7					01.63- 01.67	110224	12	1.3
					01.63- 01.67	110225	12	
Country Squire 5.0	01.87- 01.91	112835	14	65	01.90- 01.91	111183	12	1.4
	01.87- 01.91	112914	14	100	01.68- 01.79	110225	12	
	01.79- 01.79	110238	14	70	01.68- 01.72	110224	12	1.3
	01.79- 01.79	110237	14	60				
Country Squire 5.0 LX	01.87- 01.91	112835	14	65	01.90- 01.91	111183	12	1.4
	01.87- 01.91	112914	14	100				
Country Squire 5.8	01.79- 01.79	110237	14	60	01.64- 01.66	110226	12	
	01.79- 01.79	110238	14	70	01.69- 01.79	110225	12	
Country Squire 6.4					01.68- 01.71	110226	12	
Country Squire 6.6	01.71- 01.76	110237	14	60	01.71- 01.76	110228	12	
	01.71- 01.76	110238	14	70				
Country Squire 7.0					01.66- 01.69	110226	12	
					01.69- 01.73	110228	12	
					01.69- 01.73	110229	12	
Country Squire 7.5	01.72- 01.76	110237	14	60	01.72- 01.76	110229	12	
	01.72- 01.76	110238	14	70				
Crown Victoria 4.6	01.99- 01.02	112942	14	130	01.96- 01.02	112646	12	1.4
	01.99- 01.02	112947	14	135	01.92- 01.95	112592	12	1.4
	01.96- 01.02	112943	14	130				
	01.92- 01.95	112927	14	130				
	01.92- 01.95	112921	14	95				
	01.93- 01.95	112932	14	130				
Crown Victoria 4.6 LX	01.96- 01.98	112943	14	130	01.96- 01.98	112646	12	1.4
	01.92- 01.95	112927	14	130	01.92- 01.95	112592	12	1.4
	01.93- 01.95	112932	14	130				
	01.92- 01.95	112921	14	95				
Crown Victoria 4.6 Police Interceptor	01.96- 01.98	112943	14	130	01.96- 01.98	112646	12	1.4
	01.93- 01.95	112927	14	130	01.93- 01.95	112592	12	1.4
	01.93- 01.95	112921	14	95				
	01.93- 01.95	112932	14	130				
Crown Victoria 4.6 S	01.96- 01.98	112943	14	130	01.96- 01.98	112646	12	1.4
	01.92- 01.95	112927	14	130	01.92- 01.95	112592	12	1.4
	01.93- 01.95	112932	14	130				
	01.92- 01.95	112921	14	95				
Crown Victoria 4.6	01.99- 01.02	112942	14	130	01.96- 01.02	112646	12	1.4
	01.96- 01.02	112943	14	130				
	01.99- 01.02	112947	14	135				
Crown Victoria 4.6 LX	01.97- 01.98	112943	14	130	01.97- 01.98	112646	12	1.4
Crown Victoria 4.6 Police Interceptor	01.96- 01.98	112943	14	130	01.96- 01.98	112646	12	1.4
	01.97- 01.98	112947	14	135				
Crown Victoria 4.6 S	01.97- 01.98	112947	14	135	01.96- 01.98	112646	12	1.4
	01.96- 01.98	112943	14	130				
Crown Victoria 5.0	01.87- 01.91	112914	14	100				
	01.87- 01.91	112835	14	65				
Crown Victoria 5.0 LX	01.87- 01.91	112914	14	100				
	01.87- 01.91	112835	14	65				
Crown Victoria 5.0 S	01.87- 01.91	112914	14	100				
	01.87- 01.91	112835	14	65				
Crown Victoria 5.8	01.87- 01.91	112914	14	100				
Crown Victoria 5.8 LX	01.87- 01.91	112914	14	100				
Crown Victoria 5.8 S	01.87- 01.91	112914	14	100				
Custom 3.9					01.68- 01.72	110225	12	
					01.68- 01.72	110224	12	1.3
Custom 3.9 500					01.68- 01.72	110225	12	
					01.68- 01.72	110224	12	1.3
Custom 4.3					01.64- 01.64	110225	12	
					01.64- 01.64	110224	12	1.3
Custom 4.7					01.65- 01.67	110224	12	1.3
					01.65- 01.67	110225	12	
Custom 5.0					01.68- 01.72	110225	12	
					01.68- 01.72	110224	12	1.3
Custom 5.0 500					01.68- 01.72	110225	12	
					01.68- 01.72	110224	12	1.3
Custom 5.8					01.65- 01.66	110226	12	
					01.69- 01.72	110225	12	
Custom 5.8 500	01.75- 01.77	110237	14	60	01.69- 01.77	110225	12	
	01.75- 01.77	110238	14	70	01.75- 01.77	110228	12	
Custom 6.4					01.68- 01.71	110226	12	
Custom 6.4 500					01.68- 01.71	110226	12	
Custom 6.6	01.71- 01.72	110237	14	60	01.71- 01.72	110228	12	
	01.71- 01.72	110238	14	70				
Custom 6.6 500	01.71- 01.77	110238	14	70	01.71- 01.77	110228	12	
	01.71- 01.77	110237	14	60				
Custom 7.0					01.66- 01.70	110226	12	
					01.69- 01.72	110229	12	
					01.69- 01.72	110228	12	
Custom 7.0 500					01.69- 01.73	110229	12	
					01.69- 01.73	110228	12	
					01.68- 01.70	110226	12	
Custom 7.5 500	01.73- 01.76	110238	14	70	01.73- 01.76	110229	12	
	01.73- 01.76	110237	14	60				
E 5.4 Super Duty	01.97- 01.02	112940	14	95	01.97- 01.02	112646	12	1.4
E 5.4 Super Duty	01.97- 01.99	112940	14	95	01.97- 01.99	112646	12	1.4
E 5.8 Super Duty	01.96- 01.96	111200	14	130				
	01.96- 01.96	111199	14	95				
E 6.8 Super Duty	01.97- 01.02	112940	14	95	01.97- 01.02	112646	12	1.4
					01.97- 01.02	112592	12	1.4
E 7.3 Turbo Super Duty	01.96- 01.02	111200	14	130	01.96- 01.00	112276	12	2.5
E 100 2.8					01.68- 01.70	110226	12	
E 100 2.8 Club					01.68- 01.70	110226	12	
E 100 3.9					01.68- 01.74	110225	12	
					01.68- 01.74	110224	12	1.3

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E 100 3.9 Club						01.68- 01.74	110225	12
						01.68- 01.74	110224	12 1.3
E 100 4.9	01.72- 01.83	110237	14 60			01.72- 01.82	110225	12
	01.77- 01.83	110238	14 70			01.83- 01.83	112965	12
	01.80- 01.83	112914	14 100			01.72- 01.79	110224	12 1.3
E 100 4.9 Club	01.77- 01.82	110238	14 70			01.74- 01.82	110225	12
	01.74- 01.82	110237	14 60			01.74- 01.79	110224	12 1.3
	01.80- 01.82	112914	14 100					
E 100 4.9	01.82- 01.82	112914	14 100			01.82- 01.82	110225	12
	01.82- 01.82	110238	14 70					
	01.82- 01.82	110237	14 60					
E 100 5.0	01.79- 01.83	110238	14 70			01.68- 01.83	110225	12
	01.79- 01.83	110237	14 60			01.68- 01.75	110224	12 1.3
	01.79- 01.83	112914	14 100					
E 100 5.0 Club	01.79- 01.82	110237	14 60			01.68- 01.82	110225	12
	01.79- 01.82	112914	14 100			01.68- 01.74	110224	12 1.3
	01.79- 01.82	110238	14 70					
E 100 5.8	01.75- 01.83	110237	14 60			01.75- 01.83	110225	12
	01.75- 01.83	110238	14 70			01.75- 01.79	110224	12 1.3
	01.80- 01.83	112914	14 100					
E 100 5.8 Club	01.75- 01.82	110238	14 70			01.75- 01.82	110225	12
	01.75- 01.82	110237	14 60			01.75- 01.79	110224	12 1.3
	01.80- 01.82	112914	14 100					
E 100 7.5	01.78- 01.78	110238	14 70					
	01.78- 01.78	110237	14 60					
E 150 4.2	01.97- 01.03	111199	14 95			01.97- 01.02	111183	12 1.4
	01.97- 01.03	111200	14 130					
E 150 4.2 Club	01.97- 01.98	111199	14 95			01.97- 01.98	111183	12 1.4
	01.97- 01.98	111200	14 130					
E 150 4.6	01.03-	112927	14 130			01.97- 01.02	112646	12 1.4
	01.97- 01.02	112940	14 95					
E 150 4.6 Club	01.97- 01.98	112940	14 95			01.97- 01.98	112646	12 1.4
E 150 4.9	01.77- 01.91	110238	14 70			01.83- 01.91	112965	12
	01.75- 01.91	110237	14 60			01.75- 01.82	110225	12
	01.80- 01.91	112914	14 100			01.75- 01.79	110224	12 1.3
	01.87- 01.91	112835	14 65					
E 150 4.9 Club	01.75- 01.91	110237	14 60			01.92-	111844	12 1.4
	01.87- 01.91	112835	14 65			01.83- 01.91	112965	12
	01.80- 01.91	112914	14 100			01.75- 01.82	110225	12
	01.77- 01.91	110238	14 70			01.75- 01.79	110224	12 1.3
E 150 4.9 Super	01.80- 01.91	112914	14 100			01.83- 01.91	112965	12
	01.77- 01.91	110237	14 60			01.77- 01.82	110225	12
	01.77- 01.91	110238	14 70			01.77- 01.79	110224	12 1.3
	01.87- 01.91	112835	14 65					
E 150 4.9	01.82- 01.88	110237	14 60			01.82- 01.82	110225	12
	01.82- 01.88	110238	14 70			01.83- 01.88	112965	12
	01.82- 01.88	112914	14 100					
	01.88- 01.88	112835	14 65					
E 150 4.9 Super	01.83- 01.84	112914	14 100			01.83- 01.84	112965	12
	01.83- 01.84	110238	14 70					
	01.83- 01.84	110237	14 60					
E 150 5.0	01.79- 01.91	110238	14 70			01.86- 01.91	112965	12
	01.75- 01.91	110237	14 60			01.75- 01.85	110225	12
	01.79- 01.91	112914	14 100			01.75- 01.75	110224	12 1.3
	01.86- 01.91	112835	14 65					
E 150 5.0 Club	01.79- 01.91	110237	14 60			01.86- 01.91	112965	12
	01.79- 01.91	112914	14 100			01.79- 01.85	110225	12
	01.79- 01.91	110238	14 70					
	01.86- 01.91	112835	14 65					
E 150 5.0 Super	01.79- 01.91	110238	14 70			01.86- 01.91	112965	12
	01.79- 01.91	110237	14 60			01.79- 01.85	110225	12
	01.79- 01.91	112914	14 100					
	01.86- 01.91	112835	14 65					
E 150 5.4	01.03-	112927	14 130			01.97- 01.02	112646	12 1.4
	01.97- 01.02	112940	14 95					
E 150 5.4 Club	01.97- 01.98	112940	14 95			01.97- 01.98	112646	12 1.4
E 150 5.8	01.80- 01.91	112914	14 100			01.75- 01.91	110225	12
	01.88- 01.91	112835	14 65			01.88- 01.91	112965	12
	01.75- 01.91	110237	14 60			01.75- 01.87	110224	12 1.3
	01.75- 01.91	110238	14 70					
	01.88- 01.91	111252	14 75					
E 150 5.8 Club	01.88- 01.91	112835	14 65			01.92-	111844	12 1.4
	01.88- 01.91	111252	14 75			01.75- 01.91	110225	12
	01.80- 01.91	112914	14 100			01.88- 01.91	112965	12
	01.75- 01.91	110237	14 60			01.75- 01.87	110224	12 1.3
	01.75- 01.91	110238	14 70					
E 150 5.8 Super	01.88- 01.91	112835	14 65			01.88- 01.91	112965	12
	01.88- 01.91	111252	14 75			01.77- 01.91	110225	12
	01.80- 01.91	112914	14 100			01.77- 01.87	110224	12 1.3
	01.77- 01.91	110237	14 60					
	01.77- 01.91	110238	14 70					
E 150 6.9	01.84- 01.84	110238	14 70			01.84- 01.84	112267	12 2.5
	01.84- 01.84	110237	14 60					
	01.84- 01.84	112914	14 100					
E 150 7.5	01.80- 01.80	112914	14 100			01.76- 01.79	110229	12
	01.76- 01.80	110238	14 70					
	01.76- 01.80	110237	14 60					
E 150 7.5 Club	01.76- 01.79	110238	14 70			01.76- 01.79	110229	12
	01.76- 01.79	110237	14 60					
E 150 7.5 Super	01.79- 01.79	110238	14 70					
	01.79- 01.79	110237	14 60					
	01.79- 01.79	112914	14 100					
E 200 2.8						01.68- 01.70	110226	12
E 200 2.8 Club						01.68- 01.70	110226	12
E 200 3.9						01.68- 01.74	110225	12
						01.68- 01.74	110224	12 1.3

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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E 200 3.9 Chateau					01.71- 01.72	110225	12	
					01.71- 01.72	110224	12 1.3	
E 200 3.9 Club					01.68- 01.74	110225	12	
					01.68- 01.74	110224	12 1.3	
E 200 3.9 Custom					01.71- 01.72	110225	12	
					01.71- 01.72	110224	12 1.3	
E 200 4.9		01.72- 01.74	110237	14 60	01.72- 01.74	110225	12	
					01.72- 01.74	110224	12 1.3	
E 200 4.9 Club		01.74- 01.74	110237	14 60	01.74- 01.74	110225	12	
					01.74- 01.74	110224	12 1.3	
E 200 5.0					01.68- 01.74	110224	12 1.3	
					01.68- 01.74	110225	12	
E 200 5.0 Chateau					01.71- 01.72	110225	12	
					01.71- 01.72	110224	12 1.3	
E 200 5.0 Club					01.68- 01.74	110225	12	
					01.68- 01.74	110224	12 1.3	
E 200 5.0 Custom					01.71- 01.72	110224	12 1.3	
					01.71- 01.72	110225	12	
E 250 4.2		01.97- 01.03	111199	14 95	01.97- 01.02	111183	12 1.4	
		01.97- 01.03	111200	14 130				
E 250 4.2 Super		01.97- 01.98	111199	14 95	01.97- 01.98	111183	12 1.4	
		01.97- 01.98	111200	14 130				
E 250 4.6		01.97- 01.98	112940	14 95	01.97- 01.98	112646	12 1.4	
E 250 4.6 Super		01.98- 01.98	112940	14 95	01.98- 01.98	112646	12 1.4	
E 250 4.9		01.80- 01.91	112914	14 100	01.83- 01.91	112965	12	
		01.75- 01.91	110237	14 60	01.75- 01.82	110225	12	
		01.77- 01.91	110238	14 70	01.75- 01.79	110224	12 1.3	
		01.87- 01.91	112835	14 65				
E 250 4.9 Club		01.80- 01.91	112914	14 100	01.83- 01.91	112965	12	
		01.77- 01.91	110237	14 60	01.77- 01.80	110225	12	
		01.77- 01.91	110238	14 70	01.77- 01.79	110224	12 1.3	
		01.87- 01.91	112835	14 65				
E 250 4.9 HD		01.91- 01.91	110238	14 70	01.91- 01.91	112965	12	
E 250 4.9 Super		01.78- 01.91	110238	14 70	01.83- 01.91	112965	12	
		01.80- 01.91	112914	14 100	01.78- 01.82	110225	12	
		01.78- 01.91	110237	14 60				
		01.87- 01.91	112835	14 65				
E 250 4.9		01.82- 01.84	110237	14 60	01.82- 01.82	110225	12	
		01.82- 01.84	110238	14 70	01.83- 01.84	112965	12	
		01.82- 01.84	112914	14 100				
E 250 4.9 Club		01.85-	110238	14 70				
		01.85-	112914	14 100				
		01.85-	110237	14 60				
E 250 4.9 Super		01.85-	110237	14 60				
		01.85-	110238	14 70				
		01.85-	112914	14 100				
E 250 5.0		01.79- 01.91	112914	14 100	01.86- 01.91	112965	12	
		01.75- 01.91	110237	14 60	01.75- 01.85	110225	12	
		01.79- 01.91	110238	14 70	01.75- 01.75	110224	12 1.3	
		01.86- 01.91	112835	14 65				
E 250 5.0 Club		01.79- 01.80	110238	14 70	01.79- 01.80	110225	12	
		01.79- 01.80	110237	14 60				
		01.79- 01.80	112914	14 100				
E 250 5.0 Super		01.79- 01.91	110238	14 70	01.79- 01.84	110225	12	
		01.79- 01.91	110237	14 60	01.86- 01.91	112965	12	
		01.79- 01.91	112914	14 100				
		01.86- 01.91	112835	14 65				
E 250 5.4		01.03-	112927	14 130	01.97- 01.02	112646	12 1.4	
		01.97- 01.02	112940	14 95				
E 250 5.4 Super		01.97- 01.98	112940	14 95	01.97- 01.98	112646	12 1.4	
E 250 5.4		01.03-	112927	14 130	01.97- 01.02	112646	12 1.4	
		01.97- 01.02	112940	14 95				
E 250 5.4 Super		01.97- 01.98	112940	14 95	01.97- 01.98	112646	12 1.4	
E 250 5.8		01.80- 01.91	112914	14 100	01.88- 01.91	112965	12	
		01.75- 01.91	110237	14 60	01.75- 01.91	110225	12	
		01.75- 01.91	110238	14 70	01.75- 01.87	110224	12 1.3	
		01.88- 01.91	112835	14 65				
		01.88- 01.91	111252	14 75				
E 250 5.8 Club		01.75- 01.91	110237	14 60	01.75- 01.91	110225	12	
		01.80- 01.91	112914	14 100	01.88- 01.91	112965	12	
		01.75- 01.91	110238	14 70	01.75- 01.87	110224	12 1.3	
		01.88- 01.91	112835	14 65				
		01.88- 01.91	111252	14 75				
E 250 5.8 HD		01.91- 01.91	110238	14 70	01.91- 01.91	110225	12	
		01.91- 01.91	112842	14 75	01.91- 01.91	112965	12	
E 250 5.8 Super		01.77- 01.91	110238	14 70	01.88- 01.91	112965	12	
		01.77- 01.91	110237	14 60	01.77- 01.91	110225	12	
		01.80- 01.91	112914	14 100	01.77- 01.87	110224	12 1.3	
		01.88- 01.91	112835	14 65				
		01.88- 01.91	111252	14 75				
E 250 6.6		01.80- 01.80	110238	14 70				
		01.80- 01.80	110237	14 60				
		01.80- 01.80	112914	14 100				
E 250 6.6 Club		01.80- 01.82	110238	14 70				
		01.80- 01.82	110237	14 60				
		01.80- 01.82	112914	14 100				
E 250 6.6 Super		01.80- 01.80	110237	14 60				
		01.80- 01.80	112914	14 100				
		01.80- 01.80	110238	14 70				
E 250 6.8		01.97- 01.97	112940	14 95	01.97- 01.97	112646	12 1.4	
E 250 6.8 Super		01.97- 01.97	112940	14 95	01.97- 01.97	112646	12 1.4	
E 250 6.9 Club		01.83- 01.87	110238	14 70	01.83- 01.87	112267	12 2.5	
		01.83- 01.87	110237	14 60				
		01.83- 01.87	112914	14 100				

## STARTERS & ALTERNATORS





E 250 6.9 Super	01.83- 01.84	110238	14	70	01.83- 01.84	112267	12	2.5
	01.83- 01.84	110237	14	60				
	01.83- 01.84	112914	14	100				
E 250 7.3 Club	01.88- 01.91	112914	14	100	01.88- 01.91	112267	12	2.5
	01.88- 01.91	112835	14	65				
	01.88- 01.91	110238	14	70				
E 250 7.5	01.75- 01.79	110238	14	70	01.75- 01.79	110229	12	
	01.75- 01.79	110237	14	60				
E 250 7.5 Club	01.80- 01.91	112914	14	100	01.75- 01.79	110229	12	
	01.75- 01.91	110237	14	60				
	01.75- 01.91	110238	14	70				
	01.88- 01.91	112835	14	65				
	01.88- 01.91	111252	14	75				
E 250 7.5 Super	01.78- 01.84	110237	14	60	01.80- 01.84	112914	14	100
	01.80- 01.84	112914	14	100				
	01.78- 01.84	110238	14	70				
E 300 2.8					01.69- 01.70	110226	12	
E 300 2.8 Club					01.69- 01.70	110226	12	
E 300 3.9					01.68- 01.73	110224	12	1.3
					01.68- 01.73	110225	12	
E 300 3.9 Chateau					01.71- 01.72	110225	12	
					01.71- 01.72	110224	12	1.3
E 300 3.9 Club					01.68- 01.74	110225	12	
					01.68- 01.74	110224	12	1.3
E 300 3.9 Custom					01.71- 01.72	110225	12	
					01.71- 01.72	110224	12	1.3
E 300 4.9	01.72- 01.74	110237	14	60	01.72- 01.74	110225	12	
E 300 4.9 Club	01.72- 01.72	110237	14	60	01.72- 01.72	110224	12	1.3
E 300 5.0					01.68- 01.74	110225	12	
					01.68- 01.74	110224	12	1.3
E 300 5.0 Chateau					01.71- 01.72	110225	12	
					01.71- 01.72	110224	12	1.3
E 300 5.0 Club					01.68- 01.74	110225	12	
					01.68- 01.74	110224	12	1.3
E 300 5.0 Custom					01.71- 01.72	110225	12	
					01.71- 01.72	110224	12	1.3
E 350 4.9	01.77- 01.91	110238	14	70	01.83- 01.91	112965	12	
	01.75- 01.91	110237	14	60				
	01.79- 01.91	112914	14	100				
	01.87- 01.91	112835	14	65				
E 350 4.9 Super	01.78- 01.91	110238	14	70	01.83- 01.91	112965	12	
	01.78- 01.91	110237	14	60				
	01.79- 01.91	112914	14	100				
	01.87- 01.91	112835	14	65				
E 350 4.9	01.83- 01.84	110237	14	60	01.83- 01.84	112965	12	
	01.83- 01.84	110238	14	70				
	01.83- 01.84	112914	14	100				
E 350 4.9 Super	01.85-	110237	14	60	01.85-	110238	14	70
	01.85-	110238	14	70				
	01.85-	112914	14	100				
E 350 5.0	01.79- 01.82	112914	14	100	01.75- 01.82	110225	12	
	01.75- 01.82	110237	14	60				
	01.79- 01.82	110238	14	70				
E 350 5.0 Super	01.79- 01.80	112914	14	100	01.79- 01.80	110225	12	
	01.79- 01.80	110237	14	60				
	01.79- 01.80	110238	14	70				
E 350 5.4	01.03-	112927	14	130	01.97- 01.02	112646	12	1.4
	01.97- 01.02	112940	14	95				
E 350 5.4 HD Club	01.97- 01.99	112940	14	95	01.97- 01.99	112646	12	1.4
E 350 5.4 Super	01.97- 01.99	112940	14	95	01.97- 01.99	112646	12	1.4
E 350 5.4	01.03-	112927	14	130	01.97- 01.02	112646	12	1.4
	01.97- 01.02	112940	14	95				
E 350 5.4 Super	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12	1.4
E 350 5.8	01.88- 01.91	112835	14	65	01.75- 01.91	110225	12	
	01.88- 01.91	111252	14	75				
	01.75- 01.91	110237	14	60				
	01.75- 01.91	110238	14	70				
	01.80- 01.91	112914	14	100				
E 350 5.8 Super	01.88- 01.91	112835	14	65	01.88- 01.91	112965	12	
	01.88- 01.91	111252	14	75				
	01.78- 01.91	110237	14	60				
	01.78- 01.91	110238	14	70				
	01.80- 01.91	112914	14	100				
E 350 6.6	01.80- 01.82	110237	14	60	01.80- 01.82	112914	14	100
	01.80- 01.82	112914	14	100				
	01.80- 01.82	110238	14	70				
E 350 6.6 Super	01.80- 01.82	112914	14	100	01.80- 01.82	110238	14	70
	01.80- 01.82	110237	14	60				
	01.80- 01.82	110238	14	70				
E 350 6.8	01.01- 01.01	112927	14	130	01.97- 01.02	112646	12	1.4
	01.97- 01.02	112940	14	95				
E 350 6.8 HD Club	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12	1.4
E 350 6.8 Super	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12	1.4
E 350 6.9	01.83- 01.87	110238	14	70	01.83- 01.87	112267	12	2.5
	01.83- 01.87	110237	14	60				
	01.83- 01.87	112914	14	100				
E 350 6.9 Super	01.83- 01.87	110238	14	70	01.83- 01.87	112267	12	2.5
	01.83- 01.87	110237	14	60				
	01.83- 01.87	112914	14	100				
E 350 7.3	01.88- 01.94	110238	14	70	01.88- 01.94	112267	12	2.5
	01.88- 01.94	112914	14	100				
	01.88- 01.94	112835	14	65				
E 350 7.3 HD Club					01.92- 01.94	112267	12	2.5

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**FORD** *Continued*

E 350 7.3 Super	01.88- 01.94	110238	14	70	01.88- 01.94	112267	12	2.5
	01.88- 01.94	112914	14	100				
	01.88- 01.94	112835	14	65				
E 350 7.3 Turbo	01.95- 01.03	111200	14	130	01.95- 01.00	112276	12	2.5
E 350 7.3 Turbo HD Club	01.95- 01.98	111200	14	130	01.95- 01.98	112276	12	2.5
E 350 7.3 Turbo Super	01.95- 01.98	111200	14	130	01.95- 01.98	112276	12	2.5
E 350 7.5	01.80- 01.91	112914	14	100	01.75- 01.79	110229	12	
	01.87- 01.91	112835	14	65				
	01.75- 01.91	110237	14	60				
	01.75- 01.91	110238	14	70				
	01.87- 01.91	111252	14	75				
E 350 7.5 Super	01.80- 01.91	112914	14	100				
	01.88- 01.91	112835	14	65				
	01.78- 01.91	110237	14	60				
	01.78- 01.91	110238	14	70				
	01.88- 01.91	111252	14	75				
E 450 5.4	01.03- 01.03	112927	14	130				
	01.03- 01.03	112940	14	95				
E 450 6.8	01.03- 01.03	112927	14	130				
	01.03- 01.03	112940	14	95				
E 450 7.3 Turbo	01.03- 01.03	111200	14	130				
E Series 4.9	01.86- 01.89	112835	14	65				
E Series 5.0	01.88- 01.92	112842	14	75				
	01.93-	111199	14	95				
	01.92- 01.93	111200	14	130				
Econoline 2.4					01.61- 01.64	110226	12	
Econoline 2.8					01.62- 01.67	110226	12	
Econoline 3.9					01.67- 01.67	110224	12	1.3
					01.67- 01.67	110225	12	
Escape 2.0	01.01- 01.03	112958	14	110	01.03- 01.03	112235	12	1.4
					01.01- 01.03	112340	12	1.4
Escape 3.0	01.01- 01.03	112961	14	110	01.01- 01.03	111374	12	1.5
Escort 1.6	01.81- 01.82	110237	14	60				
Escort 1.6 GL	01.83- 01.85	110237	14	60				
Escort 1.6 GLX	01.83- 01.84	110237	14	60				
Escort 1.6 GT	01.83- 01.85	110237	14	60				
Escort 1.6 L	01.83- 01.85	110237	14	60				
Escort 1.6 GL	01.83- 01.83	110237	14	60				
Escort 1.6 L	01.83- 01.83	110237	14	60				
Escort 2.0	01.98- 01.02	111199	14	95	01.02- 01.02	112340	12	1.4
Escort 2.0 LX	01.98- 01.98	111199	14	95				
Escort 2.0 Sport	01.98- 01.98	111199	14	95				
Excursion 5.4	01.00- 01.02	112927	14	130	01.00- 01.02	112608	12	1.4
Excursion 6.0 Turbo					01.03- 01.05	113703	12	3.6
Excursion 6.8	01.00- 01.02	112927	14	130	01.00- 01.02	112608	12	1.4
Excursion 7.3 Turbo	01.00- 01.02	112949	14	110	01.00- 01.00	112276	12	2.5
EXP 1.6	01.82- 01.85	110237	14	60				
Expedition 4.6					01.99- 01.02	112608	12	1.4
					01.97- 01.98	112646	12	1.4
Expedition 5.4					01.99- 01.02	112608	12	1.4
					01.97- 01.98	112646	12	1.4
Explorer 4.0	01.97- 01.03	112946	14	130	01.91- 01.98	112030#	12	1.4
	01.91- 01.01	111199	14	95	01.91- 01.93	111844	12	1.4
	01.97- 01.01	111200	14	130				
Explorer 4.0 Sport	01.01- 01.03	112946	14	130				
Explorer 4.0 Sport Trac	01.01- 01.03	112946	14	130				
Explorer 4.0	01.02- 01.02	112946	14	130				
Explorer 4.6	01.02- 01.03	112942	14	130				
Explorer 5.0	01.96- 01.01	112946	14	130				
F 100 3.8					01.82- 01.83	110225	12	
F 100 3.9					01.65- 01.74	110225	12	
					01.65- 01.74	110224	12	1.3
F 100 4.2	01.81- 01.82	110237	14	60	01.81- 01.82	110225	12	
	01.81- 01.82	110238	14	70				
F 100 4.9	01.77- 01.83	110238	14	70	01.65- 01.82	110225	12	
	01.77- 01.83	110237	14	60	01.65- 01.79	110224	12	1.3
					01.83- 01.83	112965	12	
F 100 4.9 Super Cab	01.77- 01.79	110238	14	70	01.77- 01.79	110225	12	
	01.77- 01.79	110237	14	60	01.77- 01.79	110224	12	1.3
F 100 4.9	01.82- 01.82	110237	14	60	01.82- 01.82	110225	12	
	01.82- 01.82	110238	14	70				
F 100 5.0	01.77- 01.83	110238	14	70	01.69- 01.83	110225	12	
	01.69- 01.83	110237	14	60	01.69- 01.78	110224	12	1.3
F 100 5.8	01.77- 01.81	110237	14	60	01.66- 01.67	110226	12	
	01.77- 01.81	110238	14	70	01.81- 01.81	110225	12	
					01.77- 01.79	110228	12	
F 100 5.8 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110228	12	
	01.77- 01.79	110238	14	70				
F 100 5.9					01.68- 01.76	110226	12	
F 100 6.4	01.74- 01.76	110237	14	60	01.68- 01.76	110226	12	
F 100 6.6	01.77- 01.79	110237	14	60	01.77- 01.79	110228	12	
	01.77- 01.79	110238	14	70				
F 100 6.6 Super Cab	01.77- 01.78	110238	14	70	01.77- 01.78	110228	12	
	01.77- 01.78	110237	14	60				
F 100 7.5	01.79- 01.79	110238	14	70	01.73- 01.77	110229	12	
	01.73- 01.79	110237	14	60				
F 150 4.2	01.97- 01.03	111199	14	95	01.97- 01.00	111183	12	1.4
	01.97- 01.03	111200	14	130				
F 150 4.2 Heritage	01.04-	111200	14	130				
F 150 4.2 Super Cab	01.97- 01.97	111199	14	95	01.97- 01.97	111183	12	1.4
	01.97- 01.97	111200	14	130				
F 150 4.6	01.97- 01.02	112940	14	95	01.98- 01.02	112608	12	1.4
					01.97- 01.98	112646	12	1.4
					01.97- 01.97	112592	12	1.4
F 150 4.6 Super Cab	01.97- 01.00	112940	14	95	01.97- 01.00	112646	12	1.4
					01.97- 01.00	112592	12	1.4

## STARTERS & ALTERNATORS



F 150 4.9	01.75- 01.91	110237	14	60	01.83- 01.91	112965	12
	01.77- 01.91	110238	14	70	01.75- 01.82	110225	12
	01.87- 01.91	112835	14	65	01.75- 01.79	110224	12 1.3
F 150 4.9 Super Cab	01.77- 01.91	110238	14	70	01.83- 01.91	112965	12
	01.77- 01.91	110237	14	60	01.77- 01.82	110225	12
	01.87- 01.91	112835	14	65	01.77- 01.79	110224	12 1.3
F 150 4.9	01.82- 01.85	110237	14	60	01.82- 01.85	112965	12
	01.82- 01.85	110238	14	70			
F 150 4.9 Super Cab	01.84- 01.85	110237	14	60	01.84- 01.85	112965	12
	01.84- 01.85	110238	14	70			
F 150 5.0	01.75- 01.91	110237	14	60	01.92- 01.96	111844	12 1.4
	01.79- 01.91	110238	14	70	01.85- 01.91	112965	12
	01.92- 01.96	111252	14	75	01.75- 01.85	110225	12
	01.92- 01.96	112842	14	75	01.75- 01.78	110224	12 1.3
F 150 5.0 Super Cab	01.77- 01.91	110237	14	60	01.85- 01.91	112965	12
	01.77- 01.91	110238	14	70	01.77- 01.85	110225	12
	01.92- 01.96	111252	14	75	01.77- 01.79	110224	12 1.3
	01.92- 01.96	112842	14	75			
F 150 5.4	01.97- 01.02	112940	14	95	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130	01.97- 01.98	112646	12 1.4
F 150 5.4 Harley-Davidson Edition	01.01-	112940	14	95			
F 150 5.4 Super Cab	01.97- 01.98	112940	14	95	01.97- 01.98	112646	12 1.4
F 150 5.4 Super Harley-Davidson Edition					01.02- 01.03	112608	12 1.4
F 150 5.4 Super Lightning	01.99- 01.02	112940	14	95	01.99- 01.02	112608	12 1.4
F 150 5.4	01.98- 01.02	112940	14	95	01.00- 01.02	112608	12 1.4
					01.98- 01.98	112646	12 1.4
F 150 5.8	01.77- 01.91	110238	14	70	01.92- 01.96	111844	12 1.4
	01.77- 01.91	110237	14	60	01.88- 01.91	110225	12
	01.88- 01.96	111252	14	75	01.84- 01.91	112965	12
	01.88- 01.96	112842	14	75	01.77- 01.79	110228	12
	01.88- 01.91	112835	14	65			
F 150 5.8 Lightning	01.93- 01.95	111199	14	95			
F 150 5.8 Super Cab	01.77- 01.91	110237	14	60	01.88- 01.91	110225	12
	01.77- 01.91	110238	14	70	01.84- 01.91	112965	12
	01.88- 01.96	112842	14	75	01.77- 01.79	110228	12
	01.88- 01.96	111252	14	75			
	01.88- 01.91	112835	14	65			
F 150 5.9	01.75- 01.76	110237	14	60	01.75- 01.76	110226	12
F 150 6.4	01.75- 01.76	110237	14	60	01.75- 01.76	110226	12
F 150 6.6	01.77- 01.79	110237	14	60	01.77- 01.79	110228	12
	01.77- 01.79	110238	14	70			
F 150 6.6 Super Cab	01.77- 01.79	110237	14	60	01.77- 01.79	110228	12
	01.77- 01.79	110238	14	70			
F 150 6.9	01.84- 01.84	110238	14	70	01.84- 01.84	110627	12 2.5
	01.84- 01.84	110237	14	60	01.84- 01.84	112267	12 2.5
F 150 7.5	01.78- 01.79	110238	14	70	01.75- 01.77	110229	12
	01.75- 01.79	110237	14	60			
F 150 7.5 Super Cab	01.77- 01.79	110238	14	70	01.77- 01.79	110229	12
	01.77- 01.79	110237	14	60			
F 250 3.9					01.65- 01.74	110224	12 1.3
					01.65- 01.74	110225	12
F 250 4.2	01.98- 01.98	111199	14	95	01.98- 01.98	111183	12 1.4
	01.98- 01.98	111200	14	130			
F 250 4.2 Super Cab	01.97- 01.97	111200	14	130	01.97- 01.97	111183	12 1.4
	01.97- 01.97	111199	14	95			
F 250 4.6	01.97- 01.99	112940	14	95	01.97- 01.99	112646	12 1.4
					01.97- 01.99	112592	12 1.4
F 250 4.6 Super Cab	01.97- 01.99	112940	14	95	01.97- 01.99	112592	12 1.4
					01.97- 01.99	112646	12 1.4
F 250 4.9	01.77- 01.91	110238	14	70	01.65- 01.82	110225	12
	01.77- 01.91	110237	14	60	01.65- 01.79	110224	12 1.3
	01.87- 01.91	112835	14	65	01.83- 01.91	112965	12
F 250 4.9 Super Cab	01.77- 01.91	110238	14	70	01.83- 01.91	112965	12
	01.77- 01.91	110237	14	60	01.77- 01.82	110225	12
	01.87- 01.91	112835	14	65	01.77- 01.79	110224	12 1.3
F 250 4.9	01.82- 01.85	110237	14	60	01.82- 01.82	110225	12
	01.82- 01.85	110238	14	70	01.84- 01.85	112965	12
F 250 5.0	01.79- 01.91	110238	14	70	01.85- 01.91	112965	12
	01.72- 01.91	110237	14	60	01.72- 01.85	110225	12
	01.92- 01.96	111252	14	75	01.72- 01.78	110224	12 1.3
	01.92- 01.96	112842	14	75			
F 250 5.0 Super Cab	01.77- 01.83	110238	14	70	01.77- 01.83	110225	12
	01.77- 01.83	110237	14	60	01.77- 01.79	110224	12 1.3
	01.92- 01.96	111252	14	75			
F 250 5.4	01.97- 01.99	112940	14	95	01.99- 01.99	112608	12 1.4
					01.97- 01.98	112646	12 1.4
F 250 5.4 Super Cab	01.97- 01.99	112940	14	95	01.99- 01.99	112608	12 1.4
	01.99- 01.99	112927	14	130	01.97- 01.98	112646	12 1.4
F 250 5.4 Super Duty	01.99- 01.02	112940	14	95	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130			
F 250 5.4	01.97- 01.99	112940	14	95	01.99- 01.99	112608	12 1.4
					01.97- 01.98	112646	12 1.4
F 250 5.4 Super Cab	01.97- 01.97	112940	14	95	01.97- 01.97	112646	12 1.4
F 250 5.8	01.77- 01.91	110238	14	70	01.66- 01.67	110226	12
	01.77- 01.91	110237	14	60	01.88- 01.91	110225	12
	01.88- 01.97	111252	14	75	01.84- 01.91	112965	12
	01.88- 01.97	112842	14	75	01.77- 01.79	110228	12
	01.88- 01.91	112835	14	65			
F 250 5.8 Super Cab	01.77- 01.91	110238	14	70	01.85- 01.91	110225	12
	01.77- 01.91	110237	14	60	01.85- 01.91	112965	12
	01.88- 01.97	112842	14	75	01.77- 01.79	110228	12
	01.88- 01.97	111252	14	75			
	01.88- 01.91	112835	14	65			
F 250 5.9				01.68- 01.76	110226	12	
F 250 6.4	01.74- 01.76	110237	14	60	01.68- 01.76	110226	12

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**FORD** *Continued*

F 250 6.6	01.77- 01.82	110238	14	70	01.77- 01.79	110228	12
	01.77- 01.82	110237	14	60			
F 250 6.6 Super Cab	01.77- 01.82	110238	14	70	01.77- 01.79	110228	12
	01.77- 01.82	110237	14	60			
F 250 6.8 Super Duty	01.99- 01.02	112940	14	95	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130			
F 250 6.9	01.83- 01.87	110238	14	70	01.85- 01.87	110627	12 2.5
	01.83- 01.87	110237	14	60	01.83- 01.87	112267	12 2.5
F 250 6.9 Super Cab	01.83- 01.87	110237	14	60	01.85- 01.87	110627	12 2.5
	01.83- 01.87	110238	14	70	01.83- 01.87	112267	12 2.5
F 250 7.3	01.94- 01.94	111200	14	130	01.94- 01.94	112276	12 2.5
	01.88- 01.93	110238	14	70	01.88- 01.94	112267	12 2.5
	01.88- 01.93	110237	14	60	01.88- 01.94	110627	12 2.5
F 250 7.3 Super Cab	01.88- 01.93	112835	14	65			
	01.94- 01.94	111200	14	130	01.94- 01.94	112276	12 2.5
	01.88- 01.93	110238	14	70	01.88- 01.94	112267	12 2.5
F 250 7.3 Turbo	01.88- 01.93	110237	14	60	01.88- 01.94	110627	12 2.5
	01.88- 01.93	112835	14	65			
	01.93- 01.97	111200	14	130	01.94- 01.97	112276	12 2.5
F 250 7.3 Turbo Super Cab	01.93- 01.97	111200	14	130	01.93- 01.94	110627	12 2.5
					01.93- 01.93	112267	12 2.5
					01.94- 01.97	112276	12 2.5
F 250 7.3 Turbo Super Duty	01.99- 01.02	112949	14	110	01.99- 01.00	112276	12 2.5
F 250 7.5	01.73- 01.91	110237	14	60	01.73- 01.78	110229	12
	01.78- 01.91	110238	14	70			
	01.88- 01.96	111252	14	75			
	01.88- 01.91	112835	14	65			
F 250 7.5 Super Cab	01.77- 01.91	110237	14	60	01.77- 01.79	110229	12
	01.77- 01.91	110238	14	70			
	01.88- 01.96	111252	14	75			
	01.88- 01.91	112835	14	65			
F 350 3.9					01.65- 01.74	110225	12
					01.65- 01.74	110224	12 1.3
F 350 4.9	01.77- 01.91	110237	14	60	01.65- 01.82	110225	12
	01.77- 01.91	110238	14	70	01.65- 01.79	110224	12 1.3
	01.87- 01.91	112835	14	65	01.83- 01.91	112965	12
F 350 4.9 Super Cab	01.79- 01.80	110238	14	70	01.79- 01.80	110225	12
	01.79- 01.80	110237	14	60			
F 350 4.9	01.82- 01.85	110237	14	60	01.82- 01.82	110225	12
	01.82- 01.85	110238	14	70	01.84- 01.85	112965	12
F 350 5.0	01.79- 01.80	110238	14	70	01.72- 01.80	110225	12
	01.72- 01.80	110237	14	60	01.72- 01.78	110224	12 1.3
F 350 5.0 Super Cab	01.79- 01.80	110237	14	60	01.79- 01.80	110225	12
	01.79- 01.80	110238	14	70			
F 350 5.4 Super Duty	01.99- 01.02	112940	14	95	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130			
F 350 5.8	01.77- 01.91	110238	14	70	01.66- 01.67	110226	12
	01.77- 01.91	110237	14	60	01.85- 01.91	110225	12
	01.88- 01.97	111252	14	75	01.85- 01.91	112965	12
	01.88- 01.97	112842	14	75	01.77- 01.79	110228	12
	01.88- 01.91	112835	14	65			
F 350 5.8 Super Cab	01.77- 01.80	110238	14	70	01.77- 01.79	110228	12
	01.77- 01.80	110237	14	60			
	01.95- 01.97	111199	14	95			
F 350 5.9	01.76-	110237	14	60	01.68- 01.76	110226	12
F 350 6.4	01.74- 01.76	110237	14	60	01.68- 01.76	110226	12
F 350 6.6	01.77- 01.82	110238	14	70	01.77- 01.79	110228	12
	01.77- 01.82	110237	14	60			
F 350 6.6 Super Cab	01.77- 01.80	110238	14	70	01.77- 01.79	110228	12
	01.77- 01.80	110237	14	60			
F 350 6.8 Super Duty	01.99- 01.02	112940	14	95	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130			
F 350 6.9	01.83- 01.87	110238	14	70	01.85- 01.87	110627	12 2.5
	01.83- 01.87	110237	14	60	01.83- 01.87	112267	12 2.5
F 350 7.3	01.94- 01.94	111200	14	130	01.88- 01.94	110627	12 2.5
	01.88- 01.93	110238	14	70	01.94- 01.94	112276	12 2.5
	01.88- 01.93	110237	14	60	01.88- 01.94	112267	12 2.5
F 350 7.3 Super Cab	01.88- 01.93	112835	14	65			
	01.94- 01.94	111200	14	130	01.88- 01.94	110627	12 2.5
	01.88- 01.93	112835	14	65	01.94- 01.94	112276	12 2.5
F 350 7.3 Turbo	01.88- 01.93	110238	14	70	01.88- 01.94	112267	12 2.5
	01.88- 01.93	110237	14	60			
	01.93- 01.97	111200	14	130	01.93- 01.94	110627	12 2.5
F 350 7.3 Turbo Super Cab	01.93- 01.97	111200	14	130	01.94- 01.97	112276	12 2.5
					01.93- 01.93	112267	12 2.5
					01.93- 01.94	110627	12 2.5
F 350 7.3 Turbo Super Duty	01.99- 01.02	112949	14	110	01.99- 01.00	112276	12 2.5
F 350 7.5	01.79- 01.91	110238	14	70	01.73- 01.78	110229	12
	01.73- 01.91	110237	14	60			
	01.88- 01.96	111252	14	75			
	01.88- 01.91	112835	14	65			
F 350 7.5 Super Cab	01.77- 01.91	110237	14	60	01.77- 01.79	110229	12
	01.77- 01.91	110238	14	70			
	01.88- 01.96	111252	14	75			
	01.88- 01.91	112835	14	65			
F 450 6.8 Super Duty	01.99- 01.02	112940	14	95	01.99- 01.02	112608	12 1.4
F 450 7.3 Super Duty	01.99- 01.02	112927	14	130			
	01.93- 01.94	111200	14	130	01.90- 01.94	112267	12 2.5
F 450 7.3 Turbo Super Duty	01.90- 01.92	110238	14	70	01.90- 01.94	110627	12 2.5
	01.90- 01.92	110237	14	60			
F 450 7.3 Turbo Super Duty	01.94- 01.02	112949	14	110	01.94- 01.00	112276	12 2.5

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F 450 7.5 Super Duty	01.90- 01.94	111252	14	75			
	01.90-	110238	14	70			
	01.90-	110237	14	60			
	01.90-	112835	14	65			
	01.90-	112842	14	75			
F 53 7.5	01.88- 01.91	110238	14	70			
	01.88- 01.91	112835	14	65			
	01.88- 01.91	110237	14	60			
	01.88- 01.96	111252	14	75			
F 550 6.8 Super Duty	01.99- 01.02	112940	14	95	01.99- 01.02	112608	12 1.4
	01.99- 01.02	112927	14	130			
F 550 7.3 Turbo Super Duty	01.99- 01.02	112949	14	110	01.01- 01.02	111844	12 1.4
					01.99- 01.00	112276	12 2.5
F 59 7.3	01.88- 01.93	110237	14	60	01.89- 01.94	112267	12 2.5
	01.88- 01.93	110238	14	70	01.94- 01.94	112276	12 2.5
	01.88- 01.93	112835	14	65			
	01.94- 01.94	111200	14	130			
F 59 7.3 Turbo	01.93- 01.96	111200	14	130	01.94- 01.96	112276	12 2.5
					01.93- 01.93	112267	12 2.5
Fairlane 2.8					01.63- 01.66	110226	12
Fairlane 3.3					01.65- 01.68	110226	12
Fairlane 3.3 500					01.68- 01.68	110226	12
Fairlane 3.6					01.62- 01.63	110225	12
Fairlane 4.1					01.69- 01.69	110225	12
Fairlane 4.1 500					01.69- 01.70	110225	12
Fairlane 4.3					01.62- 01.64	110225	12
Fairlane 4.7					01.64- 01.68	110225	12
Fairlane 4.7 500					01.64- 01.68	110224	12 1.3
					01.68- 01.68	110225	12
Fairlane 5.0					01.68- 01.68	110224	12 1.3
					01.68- 01.69	110225	12
Fairlane 5.0 500					01.68- 01.69	110224	12 1.3
					01.68- 01.70	110224	12 1.3
Fairlane 5.8	01.89- 01.99	112993	14	130	01.68- 01.70	110225	12
	01.89- 01.99	112994	14	100	01.69- 01.69	110224	12 1.3
Fairlane 5.8 500					01.69- 01.70	110225	12
					01.69- 01.70	110224	12 1.3
Fairlane 6.4					01.66- 01.69	110226	12
Fairlane 6.4 500					01.68- 01.69	110226	12
Fairlane 7.0	01.89- 01.99	112993	14	130	01.66- 01.69	110226	12
	01.89- 01.99	112994	14	100			
Fairlane 7.0 500					01.70- 01.70	110229	12
					01.68- 01.69	110226	12
Fairmont 2.3	01.78- 01.82	110238	14	70	01.78- 01.82	112963	12 1.4
	01.78- 01.83	110237	14	60			
	01.73- 01.76	110239	14	90			
Fairmont 2.3 Futura	01.78- 01.83	110238	14	70	01.78- 01.83	112963	12 1.4
	01.78- 01.83	110237	14	60			
Fairmont 3.3	01.79- 01.82	112914	14	100			
	01.78- 01.82	110237	14	60			
	01.78- 01.82	110238	14	70			
Fairmont 3.3 Futura	01.78- 01.83	110238	14	70			
	01.78- 01.83	110237	14	60			
	01.80- 01.83	112914	14	100			
Fairmont 4.2	01.80- 01.82	110238	14	70	01.80- 01.82	110225	12
	01.80- 01.82	110237	14	60			
	01.80- 01.82	112914	14	100			
Fairmont 4.2 Futura	01.80- 01.81	112914	14	100	01.80- 01.81	110225	12
	01.80- 01.81	110237	14	60			
	01.80- 01.81	110238	14	70			
Fairmont 5.0	01.78- 01.82	110239	14	90	01.78- 01.79	110225	12
	01.78- 01.79	110238	14	70			
	01.78- 01.79	110237	14	60			
	01.78- 01.79	112914	14	100			
Fairmont 5.0 Futura	01.78- 01.79	110238	14	70	01.78- 01.79	110225	12
	01.78- 01.79	110237	14	60			
	01.78- 01.79	112914	14	100			
Falcon 2.4					01.61- 01.64	110226	12
Falcon 2.4 Delivery					01.61- 01.64	110226	12
Falcon 2.8					01.61- 01.69	110226	12
Falcon 2.8 Delivery					01.61- 01.65	110226	12
Falcon 2.8 Futura					01.69- 01.69	110226	12
Falcon 3.3					01.66- 01.70	110225	12
Falcon 3.3 Futura					01.68- 01.70	110225	12
Falcon 4.1					01.70- 01.70	110225	12
Falcon 4.1 Futura					01.70- 01.70	110225	12
Falcon 4.3					01.63- 01.64	110225	12
Falcon 4.3 Delivery					01.63- 01.64	110225	12
Falcon 4.7					01.64- 01.68	110225	12
					01.64- 01.68	110224	12 1.3
Falcon 4.7 Delivery					01.65- 01.65	110225	12
					01.65- 01.65	110224	12 1.3
Falcon 4.7 Futura					01.68- 01.68	110225	12
					01.68- 01.68	110224	12 1.3
Falcon 5.0					01.68- 01.70	110225	12
					01.68- 01.70	110224	12 1.3
Falcon 5.0 Futura					01.68- 01.70	110225	12
					01.68- 01.70	110224	12 1.3
Festiva 1.3 GL					01.91- 01.93	110808	12 0.85
					01.91- 01.93	110807	12 0.85
Festiva 1.3 L					01.88- 01.93	110807	12 0.85
					01.88- 01.93	110808	12 0.85
Festiva 1.3 L Plus					01.90- 01.90	110807	12 0.85
					01.90- 01.90	110808	12 0.85

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**FORD** *Continued*

Festiva 1.3 LX					01.88- 01.92	110807	12	0.85
					01.88- 01.92	110808	12	0.85
Fiesta 1.6	01.78- 01.80	111289	14	70				
Focus 2.0	02.08-	115750	14	150				
Focus 2.0 LE	01.00- 01.00	112959	14	110	01.00- 01.00	112235	12	1.4
Focus 2.0 LX	01.00- 01.02	112959	14	110	01.00- 01.02	112235	12	1.4
Focus 2.0 S2	01.01- 01.02	112958	14	110	01.01- 01.02	112235	12	1.4
Focus 2.0 SE	01.00- 01.02	112959	14	110	01.00- 01.02	112235	12	1.4
Focus 2.0 Street	01.01- 01.02	112958	14	110	01.01- 01.02	112235	12	1.4
Focus 2.0 SVT	01.02- 01.02	112958	14	110	01.02- 01.02	112235	12	1.4
Focus 2.0 ZTS	01.00- 01.02	112958	14	110	01.00- 01.02	112235	12	1.4
Focus 2.0 ZTW	01.02- 01.02	112958	14	110	01.02- 01.02	112235	12	1.4
Focus 2.0 ZX3	01.00- 01.02	112958	14	110	01.00- 01.02	112235	12	1.4
Focus 2.0 ZX5	01.02- 01.02	112958	14	110	01.02- 01.02	112235	12	1.4
Galaxie 3.9					01.65- 01.67	110225	12	
					01.65- 01.67	110224	12	1.3
Galaxie 3.9 500					01.68- 01.72	110225	12	
					01.68- 01.72	110224	12	1.3
Galaxie 4.3					01.64- 01.64	110225	12	
					01.64- 01.64	110224	12	1.3
Galaxie 4.7					01.63- 01.67	110225	12	
					01.63- 01.67	110224	12	1.3
Galaxie 5.0 500	01.72- 01.72	110237	14	60	01.68- 01.72	110225	12	
					01.68- 01.72	110224	12	1.3
Galaxie 5.0 500 XL					01.68- 01.70	110225	12	
					01.68- 01.70	110224	12	1.3
Galaxie 5.8					01.65- 01.66	110226	12	
Galaxie 5.8 500					01.69- 01.74	110225	12	
Galaxie 5.8 500 XL					01.69- 01.70	110225	12	
Galaxie 6.4					01.65- 01.67	110226	12	
Galaxie 6.4 500					01.68- 01.71	110226	12	
Galaxie 6.4 500 XL					01.68- 01.70	110226	12	
Galaxie 6.6 500	01.71- 01.74	110237	14	60	01.71- 01.74	110228	12	
	01.71- 01.74	110238	14	70				
Galaxie 7.0					01.65- 01.67	110226	12	
Galaxie 7.0 500					01.69- 01.73	110229	12	
					01.69- 01.73	110228	12	
					01.68- 01.69	110226	12	
Galaxie 7.0 500 XL					01.68- 01.69	110226	12	
					01.69- 01.70	110228	12	
					01.69- 01.70	110229	12	
Galaxie 7.5 500	01.73- 01.74	110237	14	60	01.73- 01.74	110229	12	
	01.73- 01.74	110238	14	70				
Gran Torino 4.1	01.72- 01.74	110238	14	70	01.72- 01.74	110225	12	
	01.72- 01.74	110237	14	60				
Gran Torino 4.1 Elite	01.74- 01.74	110237	14	60	01.74- 01.74	110225	12	
	01.74- 01.74	110238	14	70				
Gran Torino 5.0	01.72- 01.74	110237	14	60	01.72- 01.74	110224	12	1.3
	01.72- 01.74	110238	14	70	01.72- 01.74	110225	12	
Gran Torino 5.0 Brougham	01.74- 01.74	110237	14	60	01.74- 01.74	110225	12	
	01.74- 01.74	110238	14	70	01.74- 01.74	110224	12	1.3
Gran Torino 5.0 Sport	01.72- 01.74	110237	14	60	01.72- 01.74	110224	12	1.3
	01.72- 01.74	110238	14	70	01.72- 01.74	110225	12	
Gran Torino 5.0 Squire	01.72- 01.74	110237	14	60	01.72- 01.74	110224	12	1.3
	01.72- 01.74	110238	14	70	01.72- 01.74	110225	12	
Gran Torino 5.8	01.72- 01.76	110237	14	60	01.72- 01.76	110225	12	
	01.72- 01.76	110238	14	70	01.72- 01.76	110224	12	1.3
Gran Torino 5.8 Brougham	01.74- 01.76	110237	14	60	01.74- 01.76	110225	12	
	01.74- 01.76	110238	14	70	01.74- 01.76	110224	12	1.3
Gran Torino 5.8 Elite	01.74- 01.74	110237	14	60	01.74- 01.74	110225	12	
	01.74- 01.74	110238	14	70	01.74- 01.74	110224	12	1.3
Gran Torino 5.8 Sport	01.72- 01.76	110237	14	60	01.72- 01.76	110225	12	
	01.72- 01.76	110238	14	70	01.72- 01.76	110224	12	1.3
Gran Torino 5.8 Squire	01.72- 01.76	110238	14	70	01.72- 01.76	110225	12	
	01.72- 01.76	110237	14	60	01.72- 01.76	110224	12	1.3
Gran Torino 6.6	01.72- 01.76	110238	14	70	01.72- 01.76	110229	12	
	01.72- 01.76	110237	14	60	01.72- 01.76	110228	12	
Gran Torino 6.6 Brougham	01.74- 01.76	110238	14	70	01.74- 01.76	110229	12	
	01.74- 01.76	110237	14	60	01.74- 01.76	110228	12	
Gran Torino 6.6 Elite	01.74- 01.74	110238	14	70	01.74- 01.74	110229	12	
	01.74- 01.74	110237	14	60	01.74- 01.74	110228	12	
Gran Torino 6.6 Sport	01.72- 01.75	110238	14	70	01.72- 01.75	110229	12	
	01.72- 01.75	110237	14	60	01.72- 01.75	110228	12	
Gran Torino 6.6 Squire	01.72- 01.76	110237	14	60	01.72- 01.76	110229	12	
	01.72- 01.76	110238	14	70	01.72- 01.76	110228	12	
Gran Torino 7.0	01.72- 01.73	110237	14	60	01.72- 01.73	110229	12	
	01.72- 01.73	110238	14	70				
Gran Torino 7.0 Sport	01.72- 01.73	110237	14	60	01.72- 01.73	110229	12	
	01.72- 01.73	110238	14	70				
Gran Torino 7.0 Squire	01.72- 01.73	110237	14	60	01.72- 01.73	110229	12	
	01.72- 01.73	110238	14	70				
Gran Torino 7.5	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12	
	01.74- 01.76	110238	14	70				
Gran Torino 7.5 Brougham	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12	
	01.74- 01.76	110238	14	70				
Gran Torino 7.5 Elite	01.74- 01.74	110237	14	60	01.74- 01.74	110229	12	
	01.74- 01.74	110238	14	70				
Gran Torino 7.5 Sport	01.74- 01.75	110237	14	60	01.74- 01.75	110229	12	
	01.74- 01.75	110238	14	70				
Gran Torino 7.5 Squire	01.74- 01.76	110237	14	60	01.74- 01.76	110229	12	
	01.74- 01.76	110238	14	70				
Granada 2.3	01.81- 01.82	110237	14	60	01.81- 01.82	112963	12	1.4
Granada 3.3	01.75- 01.82	110237	14	60	01.75- 01.77	110226	12	
	01.75- 01.82	110238	14	70				
Granada 3.3 Ghia	01.77- 01.77	110237	14	60	01.77- 01.77	110226	12	
	01.77- 01.77	110238	14	70				





Granada 4.1	01.75- 01.80	110237	14	60	01.75- 01.80	110225	12
	01.75- 01.80	110238	14	70			
Granada 4.1 Ghia	01.75- 01.77	110237	14	60	01.75- 01.77	110225	12
	01.75- 01.77	110238	14	70			
Granada 4.2	01.80- 01.81	110237	14	60			
	01.80- 01.81	110238	14	70			
Granada 5.0	01.75- 01.80	110238	14	70	01.75- 01.80	110225	12
	01.75- 01.80	110237	14	60	01.75- 01.80	110224	12 1.3
Granada 5.0 Ghia	01.75- 01.77	110237	14	60	01.75- 01.77	110224	12 1.3
	01.75- 01.77	110238	14	70	01.75- 01.77	110225	12
Granada 5.8	01.75- 01.77	110238	14	70	01.75- 01.77	110225	12
	01.75- 01.77	110237	14	60			
Granada 5.8 Ghia	01.75- 01.77	110237	14	60	01.75- 01.77	110225	12
	01.75- 01.77	110238	14	70			
LTD 2.3	01.83- 01.86	110237	14	60	01.83- 01.86	112963	12 1.4
LTD 2.3 Brougham	01.83- 01.86	110237	14	60	01.83- 01.86	112963	12 1.4
LTD 2.3	01.83- 01.85	110237	14	60	01.83- 01.85	112963	12 1.4
LTD 2.3 Brougham	01.83- 01.85	110237	14	60	01.83- 01.85	112963	12 1.4
LTD 3.3	01.83- 01.83	110238	14	70			
	01.83- 01.83	110237	14	60			
LTD 3.3 Brougham	01.83- 01.83	110238	14	70			
	01.83- 01.83	110237	14	60			
LTD 4.2	01.81- 01.82	110238	14	70			
	01.81- 01.82	110237	14	60			
LTD 4.2 Crown Victoria	01.81- 01.82	112914	14	100			
	01.81- 01.82	110238	14	70			
LTD 4.2 S	01.81- 01.82	110237	14	60			
	01.81- 01.82	112914	14	100			
LTD 4.7					01.67- 01.68	110225	12
					01.67- 01.68	110224	12 1.3
LTD 5.0	01.71- 01.85	110237	14	60	01.68- 01.82	110225	12
	01.77- 01.82	110238	14	70	01.68- 01.72	110224	12 1.3
	01.79- 01.85	112914	14	100			
LTD 5.0 Brougham	01.71- 01.85	110237	14	60	01.71- 01.77	110225	12
	01.77- 01.77	110238	14	70	01.71- 01.72	110224	12 1.3
LTD 5.0 Country Squire	01.84- 01.85	112914	14	100			
	01.80- 01.86	110237	14	60			
	01.80- 01.86	112914	14	100			
LTD 5.0 Crown Victoria	01.80- 01.82	110238	14	70	01.80- 01.82	110225	12
	01.80- 01.86	110237	14	60			
	01.80- 01.86	112914	14	100			
LTD 5.0 Landau	01.77- 01.79	110237	14	60	01.77- 01.79	110225	12
	01.77- 01.79	110238	14	70			
	01.79- 01.79	112914	14	100			
LTD 5.0 LX	01.85- 01.85	110237	14	60			
	01.85- 01.85	112914	14	100			
LTD 5.0 S	01.80- 01.82	112914	14	100	01.77- 01.82	110225	12
	01.77- 01.82	110238	14	70			
	01.77- 01.82	110237	14	60			
LTD 5.8	01.75- 01.82	110237	14	60	01.69- 01.82	110225	12
	01.75- 01.82	110238	14	70	01.75- 01.79	110228	12
	01.80- 01.82	112914	14	100			
LTD 5.8 Brougham	01.75- 01.77	110238	14	70	01.71- 01.77	110225	12
	01.75- 01.77	110237	14	60	01.75- 01.77	110228	12
LTD 5.8 Country Squire	01.80- 01.86	110238	14	70			
	01.80- 01.86	110237	14	60			
	01.80- 01.86	112914	14	100			
LTD 5.8 Crown Victoria	01.80- 01.82	110238	14	70	01.80- 01.82	110225	12
	01.80- 01.82	110237	14	60			
	01.80- 01.86	112914	14	100			
LTD 5.8 Landau	01.75- 01.79	110237	14	60	01.75- 01.78	110228	12
	01.75- 01.79	110238	14	70	01.79- 01.79	110225	12
	01.79- 01.79	112914	14	100			
LTD 5.8 S	01.77- 01.82	110238	14	70	01.77- 01.82	110225	12
	01.77- 01.82	110237	14	60	01.77- 01.79	110228	12
	01.80- 01.82	112914	14	100			
LTD 5.8 Squire	01.77- 01.77	110238	14	70	01.77- 01.77	110225	12
	01.77- 01.77	110237	14	60	01.77- 01.77	110228	12
LTD 6.4				01.68- 01.71	110226	12	
LTD 6.4 Brougham				01.71- 01.71	110226	12	
LTD 6.6	01.77- 01.78	110237	14	60	01.71- 01.78	110228	12
	01.77- 01.78	110238	14	70			
LTD 6.6 Brougham	01.77- 01.77	110238	14	70	01.71- 01.77	110228	12
	01.77- 01.77	110237	14	60			
LTD 6.6 Landau	01.75- 01.78	110238	14	70	01.75- 01.78	110228	12
	01.75- 01.78	110237	14	60			
LTD 6.6 S	01.77- 01.78	110237	14	60	01.77- 01.78	110228	12
	01.77- 01.78	110238	14	70			
LTD 6.6 Squire	01.77- 01.77	110238	14	70	01.77- 01.77	110228	12
	01.77- 01.77	110237	14	60			
LTD 7.0					01.69- 01.73	110229	12
					01.69- 01.73	110228	12
					01.68- 01.69	110226	12
LTD 7.0 Brougham					01.71- 01.73	110229	12
					01.71- 01.73	110228	12
LTD 7.5	01.72- 01.78	110238	14	70	01.72- 01.78	110228	12
	01.72- 01.78	110237	14	60			
LTD 7.5 Brougham	01.72- 01.76	110238	14	70	01.72- 01.76	110228	12
	01.72- 01.76	110237	14	60			
LTD 7.5 Landau	01.75- 01.78	110238	14	70	01.75- 01.78	110228	12
	01.75- 01.78	110237	14	60			
M 400 5.9	01.73- 01.73	110237	14	60	01.73- 01.73	110226	12

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**FORD** *Continued*

M 450 5.9	01.74- 01.75	110237	14	60	01.74- 01.75	110226	12
Maverick 3.3	01.77- 01.77	110237	14	60	01.70- 01.77	110226	12
Maverick 4.1	01.76- 01.77	110237	14	60	01.70- 01.77	110225	12
Maverick 5.0	01.77- 01.77	110237	14	60	01.71- 01.77	110225	12
					01.71- 01.76	110224	12 1.3
Mustang 2.3	01.74- 01.86	110237	14	60	01.82- 01.86	112963	12 1.4
	01.74- 01.81	110238	14	70	01.74- 01.78	110230	12
Mustang 2.3 2+2	01.74- 01.78	110237	14	60	01.74- 01.78	110230	12
	01.74- 01.78	110238	14	70			
Mustang 2.3 Ghia	01.74- 01.82	110237	14	60	01.82- 01.82	112963	12 1.4
	01.74- 01.81	110238	14	70	01.74- 01.78	110230	12
Mustang 2.3 L	01.84- 01.84	110237	14	60	01.84- 01.84	112963	12 1.4
Mustang 2.3 LX	01.87- 01.93	111252	14	75	01.85- 01.93	112963	12 1.4
	01.87- 01.90	112835	14	65	01.92- 01.93	113222	12 1.4
	01.85- 01.86	110237	14	60	01.91- 01.93	112600	12 1.4
Mustang 2.3 Mach I	01.74- 01.78	110237	14	60	01.74- 01.78	110230	12
	01.74- 01.78	110238	14	70			
Mustang 2.3 Turbo	01.75- 01.86	110237	14	60	01.92- 01.93	113222	12 1.4
	01.79- 01.79	110238	14	70	01.83- 01.83	112963	12 1.4
Mustang 2.3 Turbo Ghia	01.79- 01.79	110238	14	70	01.92- 01.93	113222	12 1.4
	01.79- 01.79	110237	14	60			
Mustang 2.3 Turbo GT	01.84- 01.84	110237	14	60	01.84- 01.84	112963	12 1.4
Mustang 2.3 Turbo L	01.84- 01.84	110237	14	60	01.84- 01.84	112963	12 1.4
Mustang 2.3 Turbo SVO	01.84- 01.86	110237	14	60	01.84- 01.86	112963	12 1.4
Mustang 2.8	01.74- 01.79	110238	14	70	01.65- 01.65	110226	12
	01.74- 01.79	110237	14	60	01.74- 01.78	110230	12
Mustang 2.8 2+2	01.74- 01.78	110238	14	70	01.74- 01.78	110230	12
	01.74- 01.78	110237	14	60			
Mustang 2.8 Ghia	01.74- 01.79	110238	14	70	01.74- 01.78	110230	12
	01.74- 01.79	110237	14	60			
Mustang 2.8 Mach I	01.74- 01.78	110237	14	60	01.74- 01.78	110230	12
	01.74- 01.78	110238	14	70			
Mustang 3.3	01.79- 01.82	110238	14	70	01.65- 01.70	110226	12
	01.79- 01.82	110237	14	60			
Mustang 3.3 Ghia	01.79- 01.82	110237	14	60			
	01.79- 01.82	110238	14	70			
Mustang 3.3 Grande					01.70- 01.70	110226	12
Mustang 3.8	01.94- 01.02	112933	14	130	01.99- 01.02	111183	12 1.4
Mustang 4.1					01.69- 01.73	110225	12
Mustang 4.1 Grande					01.70- 01.73	110225	12
Mustang 4.1 Mach I					01.71- 01.71	110225	12
Mustang 4.2	01.80- 01.82	110238	14	70	01.80- 01.82	110225	12
	01.80- 01.82	110237	14	60			
Mustang 4.2 Ghia	01.80- 01.82	110238	14	70	01.80- 01.82	110225	12
	01.80- 01.82	110237	14	60			
Mustang 4.6 Bullitt	01.01- 01.01	112954	14	105	01.01- 01.01	112646	12 1.4
	01.01- 01.01	112943	14	130			
Mustang 4.6 Cobra	01.96- 01.02	112943	14	130	01.96- 01.02	112646	12 1.4
	01.99- 01.00	112954	14	105	01.96- 01.98	112592	12 1.4
Mustang 4.6 GT	01.96- 01.03	112943	14	130	01.96- 01.02	112646	12 1.4
	01.99- 01.03	112954	14	105	01.96- 01.98	112592	12 1.4
Mustang 4.6 Mach 1	01.03- 01.03	112943	14	130			
	01.03- 01.03	112954	14	105			
Mustang 4.6 Super Cobra	01.03- 01.03	112943	14	130			
	01.03- 01.03	112954	14	105			
Mustang 4.7					01.64- 01.68	110224	12 1.3
					01.64- 01.68	110225	12
Mustang 5.0	01.75- 01.85	110237	14	60	01.68- 01.83	110225	12
	01.75- 01.85	110238	14	70	01.68- 01.73	110224	12 1.3
	01.84- 01.85	112914	14	100			
Mustang 5.0 Cobra	01.93- 01.94	111252	14	75			
Mustang 5.0 Cobra SVT	01.95- 01.95	112933	14	130			
Mustang 5.0 Ghia	01.75- 01.82	110237	14	60	01.75- 01.82	110225	12
	01.75- 01.82	110238	14	70			
Mustang 5.0 Grande					01.70- 01.73	110224	12 1.3
					01.70- 01.73	110225	12
Mustang 5.0 GT	01.94- 01.95	112933	14	130			
	01.87- 01.93	111252	14	75			
	01.86- 01.91	112835	14	65			
	01.84- 01.85	110237	14	60			
	01.84- 01.85	110238	14	70			
Mustang 5.0 GTS	01.84- 01.95	112933	14	130			
Mustang 5.0 L	01.84- 01.84	110238	14	70			
	01.84- 01.84	110237	14	60			
Mustang 5.0 LX	01.87- 01.93	111252	14	75			
	01.86- 01.91	112835	14	65			
	01.85- 01.85	110238	14	70			
	01.85- 01.85	110237	14	60			
Mustang 5.0 Mach I	01.75- 01.78	110237	14	60	01.70- 01.78	110225	12
	01.75- 01.78	110238	14	70	01.70- 01.73	110224	12 1.3
Mustang 5.8	01.72- 01.73	110237	14	60	01.69- 01.73	110224	12 1.3
	01.72- 01.73	110238	14	70	01.69- 01.73	110225	12
	01.74- 01.77	110239	14	90			
Mustang 5.8 Boss 351					01.71- 01.71	110224	12 1.3
					01.71- 01.71	110225	12
Mustang 5.8 Cobra R					01.95-	111183	12 1.4
Mustang 5.8 Grande	01.72- 01.73	110237	14	60	01.70- 01.73	110224	12 1.3
	01.72- 01.73	110238	14	70	01.70- 01.73	110225	12
Mustang 5.8 Mach I	01.72- 01.73	110237	14	60	01.70- 01.73	110225	12
	01.72- 01.73	110238	14	70	01.70- 01.73	110224	12 1.3
Mustang 6.4					01.67- 01.69	110226	12
Mustang 7.0					01.68- 01.70	110226	12
					01.70- 01.71	110229	12
Mustang 7.0 Boss 429					01.69- 01.69	110229	12
Mustang 7.0 Grande					01.70- 01.71	110229	12
					01.70- 01.70	110226	12



Mustang 7.0 Mach I						01.70- 01.71	110229	12
						01.70- 01.70	110226	12
P 100 2.8						01.65- 01.67	110226	12
P 350 3.9						01.68- 01.72	110225	12
						01.68- 01.72	110224	12 1.3
P 350 4.9		01.75- 01.76	110237	14 60		01.68- 01.74	110225	12
						01.68- 01.74	110224	12 1.3
P 350 5.0		01.72- 01.76	110237	14 60		01.72- 01.76	110225	12
						01.72- 01.76	110224	12 1.3
P 350 5.9		01.73- 01.73	110237	14 60		01.73- 01.73	110226	12
P 350 6.4		01.72- 01.73	110237	14 60		01.72- 01.73	110226	12
P 350 6.6		01.76-	110237	14 60				
P 400 5.0		01.75-	110237	14 60				
P 400 6.6		01.75-	110237	14 60				
P 500 5.0		01.75-	110237	14 60				
P 500 6.6		01.75-	110237	14 60				
Pinto 1.6						01.71- 01.73	110230	12
Pinto 2.0						01.71- 01.74	110230	12
Pinto 2.3		01.74- 01.80	110237	14 60		01.74- 01.79	110230	12
						01.74- 01.80	110238	14 70
Pinto 2.8		01.75- 01.79	110238	14 70		01.75- 01.79	110230	12
						01.75- 01.79	110237	14 60
Probe 2.0						01.97- 01.97	110810	12 1.4
Probe 2.0 SE						01.93- 01.96	110810	12 1.4
Probe 2.2 GL		01.89- 01.92	110664	14 70		01.89- 01.92	110810	12 1.4
Probe 2.2 LX		01.89- 01.89	110664	14 70		01.89- 01.89	110810	12 1.4
Probe 2.2 Turbo GT		01.89- 01.92	110664	14 70		01.89- 01.92	110810	12 1.4
Probe 2.5 GT		01.93- 01.97	111315	14 90		01.93- 01.97	111311	12 1.7
Ranch 3.9						01.68- 01.69	110224	12 1.3
						01.68- 01.69	110225	12
Ranch 4.7						01.68- 01.68	110224	12 1.3
						01.68- 01.68	110225	12
Ranch 5.0						01.68- 01.72	110224	12 1.3
						01.68- 01.72	110225	12
Ranch 5.8						01.69- 01.74	110225	12
Ranch 6.4						01.68- 01.71	110226	12
Ranch 6.6		01.71- 01.76	110238	14 70		01.71- 01.76	110228	12
						01.71- 01.76	110237	14 60
Ranch 7.0						01.69- 01.73	110229	12
						01.69- 01.73	110228	12
						01.68- 01.69	110226	12
Ranch 7.0 Police Cruiser						01.70- 01.70	110226	12
Ranch 7.5		01.73- 01.76	110237	14 60		01.73- 01.76	110229	12
						01.73- 01.76	110238	14 70
Ranch Wagon 3.9						01.65- 01.67	110225	12
						01.65- 01.67	110224	12 1.3
Ranch Wagon 4.3						01.63- 01.64	110225	12
						01.63- 01.64	110224	12 1.3
Ranch Wagon 4.7						01.63- 01.67	110225	12
						01.63- 01.67	110224	12 1.3
Ranch Wagon 5.8						01.65- 01.66	110226	12
Ranch Wagon 6.4						01.65- 01.67	110226	12
Ranch Wagon 7.0						01.64- 01.66	110226	12
Ranchero 4.1						01.69- 01.71	110226	12
Ranchero 4.1 500						01.70- 01.73	110225	12
Ranchero 4.1 GT						01.71- 01.72	110225	12
Ranchero 4.1 Squire						01.70- 01.73	110225	12
Ranchero 5.0 500		01.77- 01.79	110237	14 60		01.70- 01.79	110225	12
						01.77- 01.79	110238	14 70
						01.70- 01.77	110224	12 1.3
Ranchero 5.0 GT		01.73- 01.79	110237	14 60		01.73- 01.79	110225	12
						01.73- 01.79	110238	14 70
						01.73- 01.79	110224	12 1.3
Ranchero 5.0 Squire		01.77- 01.79	110238	14 70		01.70- 01.79	110225	12
						01.77- 01.79	110237	14 60
						01.70- 01.77	110224	12 1.3
Ranchero 5.8						01.69- 01.71	110225	12
						01.69- 01.71	110224	12 1.3
Ranchero 5.8 500		01.75- 01.79	110237	14 60		01.70- 01.79	110225	12
						01.75- 01.79	110238	14 70
						01.70- 01.74	110224	12 1.3
						01.75- 01.77	110228	12
Ranchero 5.8 GT		01.75- 01.79	110238	14 70		01.69- 01.74	110224	12 1.3
						01.69- 01.79	110225	12
						01.75- 01.77	110228	12
Ranchero 5.8 Squire		01.75- 01.79	110237	14 60		01.70- 01.74	110224	12 1.3
						01.75- 01.79	110238	14 70
						01.70- 01.79	110225	12
						01.75- 01.77	110228	12
Ranchero 6.4						01.67- 01.69	110226	12
Ranchero 6.4 GT						01.68- 01.69	110226	12
Ranchero 6.6 500		01.72- 01.78	110237	14 60		01.72- 01.77	110228	12
						01.72- 01.78	110238	14 70
Ranchero 6.6 GT		01.72- 01.78	110238	14 70		01.72- 01.77	110228	12
						01.72- 01.78	110237	14 60
Ranchero 6.6 Squire		01.72- 01.78	110238	14 70		01.72- 01.77	110228	12
						01.72- 01.78	110237	14 60
Ranchero 7.0						01.70- 01.71	110229	12
						01.68- 01.68	110226	12
Ranchero 7.0 500		01.72- 01.73	110238	14 70		01.70- 01.73	110229	12
						01.72- 01.73	110237	14 60
Ranchero 7.0 GT		01.72- 01.73	110238	14 70		01.70- 01.73	110229	12
						01.72- 01.73	110237	14 60
Ranchero 7.0 Squire		01.72- 01.73	110238	14 70		01.70- 01.73	110229	12
						01.72- 01.73	110237	14 60
Ranchero 7.5 500		01.74- 01.76	110237	14 60		01.74- 01.76	110229	12
						01.74- 01.76	110238	14 70
Ranchero 7.5 GT		01.74- 01.76	110237	14 60		01.74- 01.76	110229	12
						01.74- 01.76	110238	14 70
Ranchero 7.5 Squire		01.74- 01.76	110237	14 60		01.74- 01.76	110229	12
						01.74- 01.76	110238	14 70

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**FORD** *Continued*

Ranger 2.0	01.83- 01.88	110237	14 60	01.83- 01.88	112963	12 1.4
Ranger 2.2	01.83- 01.84	110237	14 60	01.83- 01.84	110578#	12 2.0
Ranger 2.3	01.83- 01.90	110237	14 60	01.83- 01.90	112963	12 1.4
	01.97- 01.97	111199	14 95	01.91- 01.97	113222	12 1.4
Ranger 2.3 Super	01.86- 01.91	110237	14 60	01.86- 01.91	112963	12 1.4
	01.92- 01.97	111199	14 95	01.92- 01.97	113222	12 1.4
Ranger 2.3 Turbo	01.85- 01.87	110237	14 60	01.85- 01.87	112963	12 1.4
Ranger 2.5	01.98- 01.01	111199	14 95	01.98- 01.01	112600	12 1.4
Ranger 2.5 Super	01.98- 01.98	111199	14 95	01.98- 01.98	112600	12 1.4
Ranger 2.8	01.83- 01.85	110237	14 60	01.83- 01.85	112016	12
Ranger 2.9	01.86- 01.91	110237	14 60	01.86- 01.91	112016	12
Ranger 2.9 Super	01.86- 01.91	110237	14 60	01.86- 01.91	112016	12
Ranger 3.0	01.97- 01.03	111199	14 95			
	01.91- 01.96	112842	14 75			
Ranger 3.0 Edge	01.05-	111199	14 95			
Ranger 3.0 Super	01.97- 01.98	111199	14 95			
	01.91- 01.96	112842	14 75			
Ranger 3.0 XL	01.05-	111199	14 95			
Ranger 3.0 XLT	01.05-	111199	14 95			
Ranger 3.0	01.99- 01.03	111199	14 95			
Ranger 4.0	01.98- 01.00	111199	14 95	01.90- 01.97	112030#	12 1.4
	01.98- 01.03	111200	14 130			
Ranger 4.0 Super	01.98- 01.98	111199	14 95	01.90- 01.97	112030#	12 1.4
	01.98- 01.98	111200	14 130			
Sunliner 4.3				01.64- 01.64	110224	12 1.3
				01.64- 01.64	110225	12
Taurus 3.0	01.99- 01.02	112944#	14 130			
	01.99- 01.00	112936	14 130			
	01.86- 01.86	110238	14 70			
	01.86- 01.86	112914	14 100			
Taurus 3.0 G	01.96- 01.98	112944#	14 130	01.96- 01.98	112584	12 1.4
	01.96- 01.98	112936	14 130			
Taurus 3.0 GL	01.96- 01.98	112936	14 130	01.92- 01.98	112584	12 1.4
	01.96- 01.98	112944#	14 130	01.92- 01.95	112586	12 1.4
	01.87- 01.91	110238	14 70			
	01.87- 01.91	112914	14 100			
Taurus 3.0 L	01.87- 01.91	110238	14 70	01.92- 01.92	112584	12 1.4
	01.87- 01.91	112914	14 100	01.92- 01.92	112586	12 1.4
	01.96- 01.98	112936	14 130	01.92- 01.98	112584	12 1.4
Taurus 3.0 LX	01.96- 01.98	112944#	14 130	01.92- 01.95	112586	12 1.4
	01.96- 01.98	112936	14 130			
	01.87- 01.91	110238	14 70			
	01.87- 01.91	112914	14 100			
Taurus 3.0 MT5	01.87- 01.88	110238	14 70			
	01.87- 01.88	112914	14 100			
Taurus 3.0 SE				01.95- 01.95	112584	12 1.4
				01.95- 01.95	112586	12 1.4
Taurus 3.0 SHO				01.92- 01.95	112586	12 1.4
Taurus 3.0	01.99- 01.00	112944#	14 130			
	01.99- 01.00	112936	14 130			
Taurus 3.0 GL	01.96- 01.98	112936	14 130	01.93- 01.98	112584	12 1.4
	01.96- 01.98	112944#	14 130	01.93- 01.94	112586	12 1.4
Taurus 3.0 SE	01.93- 01.94	112931	14 130	01.95- 01.95	112584	12 1.4
				01.95- 01.95	112586	12 1.4
Taurus 3.2 SHO				01.93- 01.95	112584	12 1.4
Taurus 3.8 GL				01.91- 01.95	112584	12 1.4
				01.90- 01.95	112586	12 1.4
Taurus 3.8 L				112286	12 1.7	
				01.91- 01.92	112584	12 1.4
Taurus 3.8 LX				01.90- 01.92	112586	12 1.4
				01.91- 01.95	112584	12 1.4
Taurus 3.8 SE				01.90- 01.95	112586	12 1.4
				01.95- 01.95	112584	12 1.4
Tempo 3.0 GL				01.95- 01.95	112586	12 1.4
				01.92- 01.94	112584	12 1.4
Tempo 3.0 GLS				01.92- 01.94	112586	12 1.4
				01.92- 01.92	112584	12 1.4
Tempo 3.0 LX				01.92- 01.92	112586	12 1.4
				01.92- 01.94	112584	12 1.4
Thunderbird 2.3 Turbo	01.87- 01.87	111252	14 75	01.92- 01.94	112586	12 1.4
	01.83- 01.86	110237	14 60	01.83- 01.88	112963	12 1.4
Thunderbird 2.3 Turbo Sport	01.87-	111252	14 75			
Thunderbird 3.3	01.80- 01.82	110238	14 70			
	01.80- 01.82	110237	14 60			
Thunderbird 3.8	01.88- 01.92	112835	14 65	01.89- 01.96	111183	12 1.4
Thunderbird 3.8 LX	01.94- 01.97	112933	14 130	01.89- 01.96	111183	12 1.4
	01.89- 01.93	111252	14 75			
Thunderbird 3.8 Super SC	01.88- 01.92	112835	14 65			
Thunderbird 4.2	01.80- 01.81	110238	14 70	01.89- 01.96	111183	12 1.4
	01.80- 01.81	110237	14 60	01.80- 01.81	110225	12
Thunderbird 4.6 LX	01.94- 01.96	112927	14 130	01.89- 01.96	111183	12 1.4
				01.97- 01.97	112646	12 1.4
Thunderbird 5.0	01.94- 01.97	112592	12 1.4			
	01.77- 01.88	110237	14 60	01.77- 01.81	110225	12
Thunderbird 5.0 LX	01.77- 01.81	110238	14 70			
	01.79- 12.79	112914	14 100			
Thunderbird 5.0 Sport	01.87- 01.92	112835	14 65			
	01.87- 01.88	112835	14 65			
Thunderbird 5.8	01.77- 01.79	110238	14 70	01.77- 01.79	110228	12
	01.77- 01.79	110237	14 60	01.77- 01.79	110225	12
	01.79- 12.79	112914	14 100			
Thunderbird 6.4				01.65- 01.68	110226	12
Thunderbird 6.6	01.77- 01.78	110238	14 70	01.72- 01.78	110228	12
	01.77- 01.78	110237	14 60			



Thunderbird 7.0					01.66- 01.67	110226	12
					01.68- 01.73	110229	12
Thunderbird 7.5		01.72- 01.76	110238	14 70	01.72- 01.76	110229	12
		01.71- 01.86	110237	14 60			
		01.74-	110239	14 90			
Torino 3.3					01.68- 01.68	110226	12
Torino 4.1					01.69- 01.74	110225	12
Torino 4.1 500					01.71- 01.71	110225	12
Torino 4.1 Squire					01.69- 01.69	110225	12
Torino 5.0					01.68- 01.74	110225	12
					01.68- 01.74	110224	12 1.3
Torino 5.0 500					01.71- 01.71	110225	12
					01.71- 01.71	110224	12 1.3
Torino 5.0 Brougham					01.70- 01.71	110225	12
					01.70- 01.71	110224	12 1.3
Torino 5.0 GT					01.68- 01.71	110224	12 1.3
					01.68- 01.71	110225	12
Torino 5.0 Squire					01.69- 01.71	110224	12 1.3
					01.69- 01.71	110225	12
Torino 5.8		01.75- 01.76	110238	14 70	01.75- 01.76	110228	12
		01.75- 01.76	110237	14 60	01.69- 01.76	110224	12 1.3
					01.69- 01.76	110225	12
Torino 5.8 500					01.71- 01.71	110225	12
					01.71- 01.71	110224	12 1.3
Torino 5.8 Brougham					01.70- 01.71	110225	12
					01.70- 01.71	110224	12 1.3
Torino 5.8 GT					01.69- 01.71	110225	12
					01.69- 01.71	110224	12 1.3
Torino 5.8 Squire					01.69- 01.71	110225	12
					01.69- 01.71	110224	12 1.3
Torino 6.4					01.68- 01.69	110226	12
Torino 6.4 GT					01.68- 01.69	110226	12
Torino 6.4 Squire					01.69- 01.69	110226	12
Torino 6.6					01.72- 01.76	110229	12
					01.72- 01.76	110228	12
Torino 7.0		01.72- 01.73	110238	14 70	01.70- 01.73	110229	12
		01.72- 01.73	110237	14 60	01.69- 01.69	110226	12
Torino 7.0 500					01.71- 01.71	110229	12
Torino 7.0 Brougham					01.70- 01.71	110229	12
Torino 7.0 Cobra					01.70- 01.71	110229	12
					01.69- 01.69	110226	12
Torino 7.0 GT					01.70- 01.71	110229	12
					01.68- 01.69	110226	12
Torino 7.0 Squire					01.70- 01.71	110229	12
Torino 7.0 Super Cobra Jet					01.70- 01.71	110229	12
Torino 7.5		01.73- 01.76	110237	14 60	01.73- 01.76	110229	12
		01.73- 01.76	110238	14 70			
Various models					01.71	110224	12 1.3
					01.82	110225	12
					AT 01.65-	110227	12
					3.0, 4.0, AT 01.92- 01.93	111844	12 1.4
					01.91- 01.97	112600	12 1.4
					01.70- 01.76	110229	12
					01.78-	110230	12
					01.85-	112267	12 2.5
					01.95- 01.98	112276	12 2.5
						113703	12 3.6
					01.90- 01.91	111183	12 1.4
					02.92- 01.99	112592	12 1.4
Victoria 4.3					01.63- 01.64	110225	12
					01.63- 01.64	110224	12 1.3
Windstar 3.0		01.99- 01.00	112951	14 105	01.95- 01.00	112586	12 1.4
		01.99- 12.99	112956	14 130	01.95- 01.98	112584	12 1.4
		01.95- 01.98	112936	14 130			
Windstar 3.8		01.99- 01.03	112956	14 130	01.95- 01.03	112586	12 1.4
					01.95- 01.95	112584	12 1.4
ZX2 2.0					01.02- 01.03	112340	12 1.4
<b>PASSENGER CARS AO</b>							
Courier 1.8 Diesel	[RTK]	01.91-	111356	14 55			
Focus 1.8 FlexFuel	[Q0DD]	12.05-	114065	14 120	12.05-	113906	12 1.2
					12.05-	113907	12 1.2
		12.05-	114065	14 120	12.05-	113906	12 1.2
					12.05-	113907	12 1.2
Mondeo 1.8 4x4	[RKA]				03.94- 03.98	112235	12 1.4
Ranger 2.2 TDDi	[GBVAJQJ]	11.11-	115576*	14 150			
Ranger 2.5 TDDi	[WLAA]	10.05-	112352	14 70	10.05-	113702	12 2.2
Transit 2.4	[D2FE]	10.00- 03.06	113913	14 110			
Transit 2.4 TDDi	[D4FA]	08.00- 08.03	113913	14 110			
<b>TRUCKS EU</b>							
0609 4.2	[90/5AA-Dover]	05.81-	111289	14 70			
0709 4.2	[90/5AA-Dover]	05.81-	111289	14 70			
0712 6.2	[7AA/380CID]	05.81-	111289	14 70			
0713 6.2	[130/7AA-Dover]	05.81-	111289	14 70			
	[7AA/380CID]	05.81-	111289	14 70			
0809 4.2	[90/5AA-Dover]	05.81-	111289	14 70			
0811 5.9		05.81-	111289	14 70			
0812 6.2	[130/7AA-Dover]	01.80- 05.81	110759	14 35			
		05.81-	111289	14 70			
	[7AA/380CID]	01.80- 05.81	110759	14 35			
		05.81-	111289	14 70			
0813 6.2	[130/7AA-Dover]	05.81-	111289	14 70			
	[7AA/380CID]	05.81-	111289	14 70			
0913 6.2	[130/7AA-Dover]	05.81-	111289	14 70	01.82- 01.96	113380	12 2.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**FORD** *Continued*

0915 5.9	[150/6CA-Dover]	05.81-	110116	28 35	01.82- 01.96	110998	24 5.2
		05.81-	111146	28 55	01.82- 01.96	113380	12 2.8
		05.81-	111289	14 70			
		04.82- 11.87	112747	28 55			
1013 6.2	[130/7AA-Dover]	05.81-	110116	28 35			
		05.81-	111146	28 55			
		05.81-	111289	14 70			
		04.82- 11.87	112747	28 55			
1113 6.2	[130/7AA-Dover]	05.81-	111289	14 70			
1115 6.0	[150/6CA-Dover]	05.81-	110116	28 35	01.82- 06.94	110998	24 5.2
		05.81-	111146	28 55	01.82- 01.96	113380	12 2.8
		05.81-	111289	14 70			
		04.82- 11.87	112747	28 55			
1215 5.9	[150/6CA-Dover]	05.81-	111289	14 70	01.82- 01.96	113380	12 2.8
1315 6.0	[150/6CA-Dover]	05.81-	110116	28 35	01.82- 06.94	110998	24 5.2
		05.81-	111146	28 55	05.81-	113378	
		05.81-	111289	14 70	01.82- 06.94	113380	12 2.8
		04.82- 11.87	112747	28 55			
1515 6.0	[150/6CA-Dover]	05.81-	110116	28 35	01.82- 06.94	110998	24 5.2
		05.81-	111146	28 55	01.82- 06.94	113380	12 2.8
		05.81-	111289	14 70			
		04.82- 11.87	112747	28 55			
2115 6.0	[150/6CA-Dover]	05.81-	110116	28 35	01.82- 06.94	110998	24 5.2
2220 9.6	[F6L413]	05.81-	111146	28 55	01.82- 06.94	113380	12 2.8
		05.81-	111146	28 55			
		05.81-	111289	14 70			
		04.82- 11.87	112747	28 55			
2420 9.6	[F6L413]	10.82- 03.84	111146	28 55	04.82- 03.84	114437	24 5.4
2817 9.6	[F6L413]	10.82- 08.87	111146	28 55	04.82- 08.87	114437	24 5.4
		04.82- 12.99	111146	28 55	04.82- 12.99	114437	24 5.4
3020 9.6	[F6L413]	04.82- 12.99	111146	28 55			
		04.82- 12.99	112747	28 55	04.82- 12.99	114437	24 5.4
3220 9.6	[F6L413]	04.82- 08.87	111146	28 55			
		04.82- 08.87	112747	28 55	04.82- 08.87	114437	24 5.4
4028 10.0	[LTA]	02.86- 12.99	111146	28 55			
2820 S 9.6	[F6L413]	12.84- 08.87	111146	28 55	12.84- 08.87	114437	24 5.4
Cargo	[4 cyl]	05.81- 03.82	111146	28 55	05.81-	110465	12 2.8
		05.81- 01.82	111289	14 70			
		04.82- 11.87	112747	28 55			
		05.81- 03.82	111146	28 55	05.81- 06.94	110465	12 2.8
	[6 cyl]	05.81- 01.82	111289	14 70	05.81- 06.94	113380	12 2.8
		04.82- 11.87	112747	28 55			
Various models					05.81-	113380	12 2.8
					08.82-	110534	24 5.4
<b>TRUCKS US</b>							
B600 6.1					01.92- 01.94	112603	12 1.5
B600 7.0					01.92- 01.95	112603	12 1.5
B700 6.1					01.92- 01.94	112603	12 1.5
B700 7.0					01.92- 01.95	112603	12 1.5
B800 6.1					01.92- 01.94	112603	12 1.5
B800 7.0					01.92- 01.95	112603	12 1.5
F 600 5.9	[Cummins]	01.91- 01.92	112994	14 100	01.92- 01.99	112253	12 2.5
		01.92- 01.96	112993	14 130			
		01.97- 01.99	112834	14 145			
F 600 6.6					01.82- 01.88	113125	12
F 600 7.8					01.82- 01.88	113125	12
F 700 5.9	[Cummins]	01.92- 01.96	112993	14 130	01.92- 01.99	112253	12 2.5
		01.92- 01.96	112994	14 100			
		01.97- 01.99	112834	14 145			
F 700 6.6					01.82- 01.88	113125	12
F 700 7.8					01.82- 01.88	113125	12
F 800 5.9	[Cummins]	01.92- 01.96	112993	14 130	01.92- 01.99	112253	12 2.5
		01.92- 01.96	112994	14 100			
		01.97- 01.99	112834	14 145			
F 800 6.6					01.82- 01.88	113125	12
F 900 5.9	[Cummins]	01.92- 01.96	112993	14 130	01.92- 01.99	112253	12 2.5
		01.92- 01.96	112994	14 100			
		01.97- 01.99	112834	14 145			
F 900 6.6					01.82- 01.88	113125	12
F 900 7.8					01.82- 01.88	113125	12
L 6000 5.9	[Cummins]	01.92- 01.99	112253	12 2.5			
		01.82- 01.88	113125	12			
L 6000 6.6					01.82- 01.88	113125	12
L 6000 7.8					01.82- 01.88	113125	12
L 6000	[Caterpillar 3176]	01.90- 01.98	112089	12			
	[Caterpillar 3406]	01.86- 01.99	112089	12			
	[Cummins]	01.84- 01.99	112089	12			
L 7000 5.9	[Cummins]	01.97- 01.99	112834	14 145	01.92- 01.99	112253	12 2.5
L 7000 6.6					01.82- 01.88	113125	12
L 7000 7.8					01.82- 01.88	113125	12
L 7000	[Caterpillar 3176]	01.90- 01.98	112089	12			
	[Caterpillar 3406]	01.86- 01.99	112089	12			
	[Cummins]	01.84- 01.99	112089	12			
L 8000 5.9	[Cummins]	01.97- 01.99	112834	14 145	01.92- 01.99	112253	12 2.5
L 8000 6.6					01.82- 01.88	113125	12
L 8000 7.8					01.82- 01.88	113125	12
L 8000	[Caterpillar 3176]	01.90- 01.98	112089	12			
	[Caterpillar 3406]	01.86- 01.99	112089	12			
	[Cummins]	01.84- 01.99	112089	12			
L 9000 5.9	[Cummins]	01.97- 01.99	112834	14 145	01.92- 01.99	112253	12 2.5
L 9000 6.6					01.82- 01.88	113125	12
L 9000 7.8					01.82- 01.88	113125	12
L 9000	[Caterpillar 3176]	01.90- 01.98	112089	12			
	[Caterpillar 3406]	01.86- 01.99	112089	12			
	[Cummins]	01.84- 01.99	112089	12			
Various models 6.0					01.92- 01.95	112603	12 1.5
					Escort 6.0 01.03-	113703	12 3.6

## STARTERS & ALTERNATORS





Various models 6.1						01.92- 01.99	112603	12	1.5
Various models		01.91- 01.98	112996	14	115				
			113739	14	130				
		01.95- 01.99	112834	14	145				
<b>AGRICULTURE</b>									
1320	[3-77]	01.87- 01.98	113562	14	40	01.87- 01.98	111703	12	2.0
						01.87- 01.98	112177	12	1.7
1520	[3-81]	01.87- 01.97	113562	14	40	01.87- 01.98	111703	12	2.0
						01.87- 01.98	112177	12	1.7
1530	[3-81]	01.96- 01.98	113562	14	40	01.96- 01.98	112177	12	1.7
1620	[3-81]	01.91- 01.97	113562	14	40	01.76- 01.79	112177	12	1.7
						01.92- 01.97	111703	12	2.0
1630	[3-81]	01.96- 01.98	113562	14	40	01.97- 01.99	112177	12	1.7
1710							112177	12	2.0
						01.83- 01.87	112177	12	1.7
1715	[3-81]	01.93- 01.97	113562	14	40	01.93- 01.97	112177	12	1.7
1720	[3-91]	01.87- 01.02	113562	14	40	01.87- 01.02	112177	12	1.7
1725	[3-81]	01.96- 01.98	113562	14	40	01.96- 01.98	112177	12	1.7
1910						01.84- 01.88	110552	12	1.2
1920	[4-122]	01.87- 01.02	113562	14	40	01.88- 01.98	113696	12	2.0
1925	[3-91]	01.96- 01.98	113562	14	40	01.96- 01.98	112177	12	1.7
2000	[158CID.]	09.71- 02.72	111289	14	70	01.69- 12.74	110462	12	2.8
2120	[4-139]	01.87- 01.02	113562	14	40				
2600			111185	14	43				
		01.88-	111740	14	70				
		01.88-	111739	14	55				
		01.88-	111363	14	45				
3000	[175CID]	04.68- 12.74	110484			04.68- 12.74	110462	12	2.8
3415	[4-135]	01.93- 01.02	113562	14	40	01.93- 01.98	113696	12	2.0
3600	[175CID]	01.75- 12.81	111185	14	43	01.75- 12.81	110462	12	2.8
		01.75- 12.81	111363	14	45				
		01.75- 12.81	111739	14	55				
		01.88-	111740	14	70				
3610	[192CID]	01.81- 01.96	111739	14	55	01.81- 01.96	110462	12	2.8
		01.88- 01.96	111363	14	45				
3910						01.82- 01.84	110462	12	2.8
4000	[201CID]	01.68- 12.75	110484			01.68- 12.75	110462	12	2.8
4100	[183CID]	01.75- 12.81	111185	14	43	01.75- 12.81	110462	12	2.8
		01.88-	111363	14	45				
		01.88-	111739	14	55				
		01.88-	111740	14	70				
4110		01.88- 01.89	111363	14	45				
		01.88- 01.89	111739	14	55	01.81- 01.89	110462	12	2.8
4130		06.90- 06.05	111363	14	45				
		06.90- 06.05	111739	14	55	06.90- 06.05	110462	12	2.8
4600	[201CID]	01.75- 12.78	111185	14	43	01.75- 12.78	110462	12	2.8
		01.88-	111363	14	45				
		01.88-	111739	14	55				
		01.88-	111740	14	70				
4610		01.88- 01.89	111363	14	45				
		01.81- 01.89	111739	14	55	01.81- 01.89	110462	12	2.8
4830						06.90- 06.05	110462	12	2.8
5000	[256CID]	01.68- 01.71	110484			01.68- 12.77	110462	12	2.8
5600	[233CID]					01.75- 12.77	110462	12	2.8
5610	[256CID]					01.81- 12.91	110462	12	2.8
5640		01.92- 01.97	112718	14	100				
						01.92- 01.97	110462	12	2.8
6600	[256CID]	01.75- 01.81	111185	14	43	01.75- 01.81	110462	12	2.8
		01.88-	111363	14	45				
		01.88-	111739	14	55				
		01.88-	111740	14	70				
6610	[401CID]	01.81- 01.96	111739	14	55	01.81- 01.96	110462	12	2.8
		01.81- 01.91	111740	14	70				
		01.88- 01.96	111363	14	45				
6640		01.92- 01.97	112718	14	100				
						01.92- 01.97	110462	12	2.8
6700		01.88-	111740	14	70				
		01.88-	111739	14	55				
		01.88-	111363	14	45				
7600			111185	14	43				
		01.88-	111740	14	70				
		01.88-	111739	14	55				
		01.88-	111363	14	45				
7610		06.90- 06.05	111363	14	45				
		06.90- 06.05	111739	14	55	06.90- 06.05	110462	12	2.8
7700			111185	14	43				
		01.88-	111740	14	70				
		01.88-	111739	14	55				
		01.88-	111363	14	45				
7710		01.87- 01.91	111740	14	70				
7740		01.92- 01.97	112718	14	100	01.92- 01.97	110462	12	2.8
						01.86- 01.97	112074	12	3.1
7810		06.90- 06.05	111740	14	70	06.90- 06.05	110462	12	2.8
						01.96- 06.05	112074	12	3.1
7840		01.92- 01.97	112718	14	100	01.92- 01.97	110462	12	2.8
						01.96- 01.97	112074	12	3.1
8210		01.82- 01.91	110170	14	72				
						06.90- 06.05	110462	12	2.8
8240		01.92- 01.96	112718	14	100	01.92- 01.96	110462	12	2.8
						01.96- 01.96	112074	12	3.1
8340		01.92- 01.97	112718	14	100	01.92- 01.97	110462	12	2.8
						01.96- 01.97	112074	12	3.1
8600	[401CID]	01.75- 12.76	111185	14	43	01.75- 12.76	110462	12	2.8
		01.88-	111363	14	45				
		01.88-	111739	14	55				
		01.88-	111740	14	70				

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



**FORD** *Continued*

8630		06.90- 06.05	111363	14	45	06.90- 06.05	116137*	12	2.8	A49
		06.90- 06.05	111739	14	55	06.90- 06.05	110462	12	2.8	
8670		01.94- 12.97	112996	14	115					
8700			111185	14	43	A47				
		01.88-	111739	14	55					
8730						06.90- 06.05	116137*	12	2.8	A49
						06.90- 06.05	110462	12	2.8	
8770		01.94- 12.97	112996	14	115					
8830						06.90- 06.05	110462	12	2.8	
8870		01.94- 12.97	112996	14	115					
8970		01.94- 12.97	112996	14	115					
9280		01.94- 12.97	112996	14	115					
9480		01.94- 12.97	112996	14	115					
9680		01.94- 12.97	112996	14	115					
9700		01.88-	111739	14	55					
		01.77- 01.79	111185	14	43	A47	01.77- 01.79	110462	12	2.8
9880		01.94- 12.97	112996	14	115					
TW 10						01.79- 01.82	110462	12	2.8	
TW 15		01.83- 01.87	110170	14	72					
						01.83- 01.87	110462	12	2.8	
TW 20		01.79- 01.82	110170	14	72					
						01.79- 01.82	110462	12	2.8	
TW 25		01.83- 01.89	110170	14	72					
						01.83- 01.89	110462	12	2.8	
TW 30						01.79- 01.82	110462	12	2.8	
TW 35		01.83- 01.89	110170	14	72					
						01.83- 01.89	110462	12	2.8	
Various models		01.65-	110484				111300	12	1.4	
		01.87- 01.02	113562	14	40		01.86- 12.88	113125	12	
		01.86- 01.92	111713	14	105					
<b>MARINE</b>										
Various models			111510	28	55			111213	12	
								112090	24	5.2
<b>Ford Australia</b>										
<b>PASSENGER CARS AO</b>										
Focus 2.0		05.05- 03.09	115750	14	150					
<b>Ford USA</b>										
<b>PASSENGER CARS US</b>										
Ranger 2.3						01.91- 12.95	113222	12	1.4	
<b>Freightliner</b>										
<b>TRUCKS US</b>										
C 112	[Caterpillar]					01.96- 01.07	112089	12		
	[Cummins]					01.96- 01.07	112089	12		
C 120	[Caterpillar]					01.96- 01.07	112089	12		
	[Cummins]					01.96- 01.07	112089	12		
C112		01.99- 01.04	112824	14	145					
		01.96- 01.98	112996	14	115		01.99- 01.07	112089	12	
C120		01.96- 12.98	112996	14	115					
		01.99- 01.04	112824	14	145					
FC80 5.9		01.98- 01.01	112824	14	145					
FC80 8.3		01.98- 01.01	112824	14	145					
FL112		01.98- 01.03	112824	14	145		01.85- 01.03	112089	12	
						01.89- 01.92	113153	12		
FL120		01.98- 01.03	112824	14	145		01.86- 01.92	113153	12	
FL50		01.98- 01.04	112824	14	145					
		01.94- 12.97	112996	14	115					
		01.98-	114430	14	175					
		01.98-	115793	14	130					
FL60		01.98- 01.04	112824	14	145					
		01.94- 12.97	112996	14	115					
		01.98-	114430	14	175					
FL70		01.98- 01.05	112824	14	145					
		01.94- 12.97	112996	14	115					
		01.98-	114430	14	175					
FL80		01.98- 01.04	112824	14	145					
		01.94- 12.97	112996	14	115					
		01.98-	114430	14	175					
FLC112		01.98- 01.03	112824	14	145		01.85- 01.03	112089	12	
		01.89- 12.92	112996	14	115		01.86- 01.92	113153	12	
FLC120		01.98- 01.03	112824	14	145		01.85- 01.03	112089	12	
						01.86- 01.92	113153	12		
FLD112		01.98- 01.03	112824	14	145		01.93- 01.07	112089	12	
		01.93- 12.97	112996	14	115					
FLD120		01.98- 01.03	112824	14	145		01.93- 01.07	112089	12	
		01.93- 12.97	112996	14	115					
M2		01.03- 01.04	112824	14	145		01.03- 01.07	112089	12	
Various models 6.7								115565	12	3.0
<b>GAZ</b>										
<b>PASSENGER CARS AO</b>										
Gazelle 2.1 TD	[GAZ-560]					01.03- 12.06	115397	12	2.0	
						01.03- 12.06	115500	12	2.0	A49
<b>TRUCKS EU</b>										
33081 4.7	[D245.7]							113356	24	3.5
Gazel 2.4 TD Euro 2	[4CT190-1]					01.07-	115515	12	2.0	A49
<b>Gehl</b>										
<b>INDUSTRY</b>										
5640 6640 4840 4640E			114786	14	80					
5640E	[4TNV98]							114874	12	3.0
6640E	[4TNV98]							114874	12	3.0
CTL70 Terrain Loader	[Isuzu]		115432	14	50					
V270	[4TNV98]							114874	12	3.0
Various models Diesel	[4TNE106]							114098	12	3.0

## STARTERS & ALTERNATORS



GEO										
PASSENGER CARS US										
Metro 1.0		01.89- 01.97	111279	14	50		01.89- 01.97	111310	12	0.8
		01.89- 01.94	110967	14	50					
Metro 1.0 LSI		01.89- 01.95	110967	14	50		01.89- 01.96	111310	12	0.8
		01.89- 01.96	111279	14	50					
Metro 1.0 XFI		01.90- 01.94	110967	14	50		01.90- 01.94	111310	12	0.8
		01.90- 01.94	111279	14	50					
Metro 1.3		01.95-	111279	14	50					
Metro 1.3 LSI		01.95- 01.97	111279	14	50		01.95- 01.97	111310	12	0.8
Prizm 1.6		01.93-	111579	14	70					
		01.93-	112860#	14	80					
		01.89- 01.91	110682	14	70					
Prizm 1.6 LSI		01.93- 01.97	111579	14	70		01.93- 01.95	110713	12	1.0
		01.93- 01.95	112860#	14	80					
		01.90- 01.92	110682	14	70					
Prizm 1.8		01.95-	112860#	14	80					
		01.95-	111579	14	70					
Prizm 1.8 LSI		01.93- 01.97	111579	14	70		01.93- 01.95	110713	12	1.0
		01.93- 01.95	112860#	14	80					
Tracker 1.6		01.89- 01.97	111279	14	50		01.89- 01.97	110394	12	0.85
							01.89- 01.95	111586	12	1.4
Tracker 2.0 4x4	[J20A]						AT 11.98- 06.03	114225	12	1.6
Ginaf										
TRUCKS EU										
2120 N 5.9	[F4AE0681A]	09.03-	113188	28	70		09.03-	112498	24	4.0
		09.03-	114296	28	90					
		09.03-	115484	28	70	A49				
		09.03-	115489	28	90	A49				
GMC										
PASSENGER CARS EU										
Various models								112912	12	1.6
								112240	12	1.7
PASSENGER CARS US										
1000 Series 3.8		01.64- 01.65	110075	14	60					
1500 Series 3.8		01.64- 01.65	110075	14	60					
C15/C1500 3.8		01.66- 01.66	110075	14	60					
C15/C1500 4.1		01.66- 01.71	110075	14	60		01.73- 01.84	110216	12	1.4
		01.72- 01.72	110233	14	63					
		01.72- 01.84	110505	14	75					
C15/C1500 4.1 Big Ten		01.77- 01.80	110505	14	75		01.77- 01.80	110216	12	1.4
C15/C1500 4.1 Suburban		01.68- 01.71	110075	14	60		01.73- 01.80	110216	12	1.4
		01.72- 01.72	110233	14	63					
		01.72- 01.80	110505	14	75					
C15/C1500 4.3		01.85- 01.86	110233	14	63		01.85- 01.86	110216	12	1.4
		01.85- 01.86	110505	14	75					
C15/C1500 4.6		01.67- 01.67	110075	14	60		01.67- 01.67	111277	12	
C15/C1500 4.8		01.66- 01.71	110075	14	60		01.73- 01.80	110216	12	1.4
		01.73- 01.80	110505	14	75					
C15/C1500 4.8 Big Ten		01.78- 01.80	110505	14	75		01.78- 01.80	110216	12	1.4
C15/C1500 4.8 Suburban		01.73- 01.74	110505	14	75		01.73- 01.74	110216	12	1.4
		01.68- 01.71	110075	14	60					
C15/C1500 4.8		01.74- 01.74	110505	14	75		01.74- 01.74	110216	12	1.4
C15/C1500 4.8 Suburban		01.74- 01.74	110505	14	75		01.74- 01.74	110216	12	1.4
C15/C1500 5.0		01.93- 01.96	112639	14	100/105		01.68- 01.71	111277	12	
		01.68- 01.71	110075	14	60		01.76- 01.86	110216	12	1.4
		01.72- 01.86	110505	14	75		01.85- 01.86	111034	12	1.2
		01.86- 01.86	110508	14	78					
		01.85- 01.86	110471	14	94					
		01.72- 01.72	110233	14	63					
C15/C1500 5.0 Big Ten		01.78- 01.80	110505	14	75		01.78- 01.80	110216	12	1.4
C15/C1500 5.0 Suburban		01.93- 01.96	112639	14	100/105		01.76- 01.86	110216	12	1.4
		01.72- 01.86	110505	14	75		01.85- 01.86	111034	12	1.2
		01.83- 01.86	110471	14	94		01.68- 01.71	111277	12	
		01.72- 01.72	110233	14	63					
		01.68- 01.71	110075	14	60					
C15/C1500 5.4		01.67- 01.68	110075	14	60		01.67- 01.68	111258	12	
C15/C1500 5.4 Suburban		01.68- 01.68	110075	14	60		01.68- 01.68	111258	12	
C15/C1500 5.7		01.72- 01.72	110233	14	63		01.71- 01.72	111258	12	
		01.87- 01.89	112629	14	100/105		01.72- 01.86	110216	12	1.4
		01.72- 01.86	110505	14	75					
		01.69- 01.71	110075	14	60					
C15/C1500 5.7 Big Ten		01.77- 01.80	110505	14	75		01.77- 01.80	110216	12	1.4
		01.87- 01.89	112629	14	100/105					
C15/C1500 5.7 Suburban		01.72- 01.86	110505	14	75		01.72- 01.86	110216	12	1.4
		01.87- 01.89	112629	14	100/105		01.72- 01.72	111258	12	
		01.72- 01.72	110233	14	63					
		01.69- 01.71	110075	14	60					
C15/C1500 5.7		01.78- 01.81	110505	14	75					
		01.87- 01.89	112629	14	100/105					
C15/C1500 5.7 Suburban		01.78- 01.81	110505	14	75					
		01.87- 01.89	112629	14	100/105					
C15/C1500 5.7		01.74- 01.74	110505	14	75		01.74- 01.74	110216	12	1.4
		01.87- 01.89	112629	14	100/105					
C15/C1500 5.7 Suburban		01.74- 01.74	110505	14	75		01.74- 01.74	110216	12	1.4
		01.87- 01.89	112629	14	100/105					
C15/C1500 6.2		01.82- 01.86	110233	14	63					
		01.82- 01.86	110505	14	75					
C15/C1500 6.2 Suburban		01.84- 01.84	110492	14	108					
		01.84- 01.84	110471	14	94					
		01.82- 01.86	110233	14	63					
		01.82- 01.86	110505	14	75					
C15/C1500 6.5		01.68- 01.69	110075	14	60					
C15/C1500 6.5 Suburban		01.68- 01.69	110075	14	60					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**GMC** Continued

C15/C1500 6.6	01.72- 01.72	110233	14 63	01.72- 01.72	111277	12
	01.72- 01.80	110505	14 75	01.76- 01.80	110216	12 1.4
	01.70- 01.71	110075	14 60			
C15/C1500 6.6 Big Ten	01.80- 01.80	110505	14 75	01.80- 01.80	110216	12 1.4
C15/C1500 6.6 Suburban	01.70- 01.72	110075	14 60			
C15/C1500 7.4	01.73- 01.80	110505	14 75	01.73- 01.80	110216	12 1.4
C15/C1500 7.4 Big Ten	01.77- 01.80	110505	14 75	01.77- 01.80	110216	12 1.4
C15/C1500 7.4 Suburban	01.73- 01.80	110505	14 75	01.73- 01.80	110216	12 1.4
C1500 4.3	01.98- 01.98	112893	14 140	01.98- 01.98	112912	12 1.6
	01.88- 01.88	110500	14 100/105	01.88- 01.88	111034	12 1.2
	01.88- 01.88	112640	14 100/105			
C1500 4.3 Sierra	01.93- 01.96	112639	14 100/105	01.89- 01.97	111034	12 1.2
	01.90- 01.95	112338	14 105			
	01.89- 01.95	110500	14 100/105			
	01.89- 01.89	112640	14 100/105			
C1500 4.3 Sierra XC	01.93- 01.96	112639	14 100/105	01.89- 01.97	111034	12 1.2
	01.89- 01.95	110500	14 100/105			
	01.90- 01.95	112338	14 105			
	01.89- 01.89	112640	14 100/105			
C1500 5.0	01.98- 01.99	112893	14 140	01.98- 01.99	112912	12 1.6
	01.88- 01.88	112640	14 100/105	01.88- 01.88	110216	12 1.4
	01.88- 01.88	110500	14 100/105			
C1500 5.0 Sierra	01.96- 01.97	112893	14 140	01.92- 01.97	111034	12 1.2
	01.93- 01.96	112639	14 100/105	01.89- 01.95	110216	12 1.4
	01.90- 01.95	112338	14 105			
	01.89- 01.95	110500	14 100/105			
C1500 5.0 Sierra XC	01.96- 01.97	112893	14 140	01.92- 01.97	111034	12 1.2
	01.93- 01.96	112639	14 100/105	01.89- 01.95	110216	12 1.4
	01.90- 01.95	112338	14 105			
	01.89- 01.95	110500	14 100/105			
C1500 5.7	01.98- 01.99	112893	14 140	01.98- 01.99	112912	12 1.6
	01.87- 01.89	112629	14 100/105	01.88- 01.88	110216	12 1.4
	01.88- 01.88	112640	14 100/105			
	01.88- 01.88	110500	14 100/105			
C1500 5.7 Sierra	01.96- 01.97	112893	14 140	01.96- 01.97	112912	12 1.6
	01.93- 01.96	112639	14 100/105	01.94- 01.97	112240	12 1.7
	01.89- 01.95	110500	14 100/105	01.89- 01.95	110216	12 1.4
	01.87- 01.89	112629	14 100/105			
C1500 5.7 Sierra XC	01.96- 01.97	112893	14 140	01.96- 01.97	112912	12 1.6
	01.93- 01.96	112639	14 100/105	01.89- 01.95	110216	12 1.4
	01.89- 01.95	110500	14 100/105	01.94- 01.95	112240	12 1.7
	01.87- 01.89	112629	14 100/105			
C1500 5.7 Suburban	01.96- 01.99	112893	14 140	01.96- 01.99	112240	12 1.7
	01.87- 01.89	112629	14 100/105	01.92- 01.95	110216	12 1.4
	01.93- 01.96	112639	14 100/105			
	01.92- 01.95	110500	14 100/105			
C1500 6.2	01.88- 01.88	112640	14 100/105			
	01.88- 01.88	110500	14 100/105			
	01.89- 01.93	112640	14 100/105	01.89- 01.93	112341	12 2.5
C1500 6.2 Sierra	01.89- 01.93	110500	14 100/105			
	01.89- 01.93	112640	14 100/105	01.89- 01.93	112341	12 2.5
C1500 6.2 Sierra XC	01.89- 01.93	110500	14 100/105			
	01.89- 01.93	110500	14 100/105	01.89- 01.93	112341	12 2.5
C1500 6.5 Sierra	01.94- 01.95	110500	14 100/105	01.94- 01.95	112341	12 2.5
	01.94- 01.95	112639	14 100/105			
C1500 6.5 Sierra XC	01.94- 01.95	110500	14 100/105	01.94- 01.95	112341	12 2.5
	01.94- 01.95	112639	14 100/105			
C1500 6.5 Turbo	01.98- 01.98	112893	14 140	01.98- 01.98	112341	12 2.5
C1500 6.5 Turbo Sierra	01.97- 01.97	112893	14 140	01.94- 01.97	112341	12 2.5
	01.94- 01.97	110500	14 100/105			
	01.94- 01.96	112639	14 100/105			
C1500 6.5 Turbo Sierra XC	01.97- 01.97	112893	14 140	01.94- 01.97	112341	12 2.5
	01.94- 01.97	110500	14 100/105			
	01.94- 01.96	112639	14 100/105			
C1500 6.5 Turbo Suburban	01.94- 01.99	110500	14 100/105	01.94- 01.99	112341	12 2.5
	01.94- 01.96	112639	14 100/105			
C25/C2500 3.8	01.66- 01.66	110075	14 60			
C25/C2500 4.1	01.66- 01.71	110075	14 60	01.73- 01.84	110216	12 1.4
	01.72- 01.72	110233	14 63			
	01.72- 01.84	110505	14 75			
C25/C2500 4.1 Suburban	01.68- 01.71	110075	14 60	01.73- 01.74	110216	12 1.4
	01.72- 01.72	110233	14 63			
	01.72- 01.74	110505	14 75			
C25/C2500 4.3	01.85- 01.86	110233	14 63	01.85- 01.86	110216	12 1.4
	01.85- 01.86	110505	14 75			
C25/C2500 4.6	01.67- 01.67	110075	14 60	01.67- 01.67	111277	12
C25/C2500 4.8	01.66- 01.72	110075	14 60	01.73- 01.86	110216	12 1.4
	01.73- 01.86	110505	14 75			
C25/C2500 4.8 Suburban	01.73- 01.86	110505	14 75	01.73- 01.86	110216	12 1.4
	01.68- 01.72	110075	14 60			
C25/C2500 4.8	01.74- 01.74	110505	14 75	01.74- 01.74	110216	12 1.4
	01.93- 01.96	112639	14 100/105	01.68- 01.71	111277	12
	01.68- 01.71	110075	14 60	01.85- 01.86	111034	12 1.2
	01.72- 01.86	110505	14 75	01.77- 01.86	110216	12 1.4
C25/C2500 5.0	01.72- 01.72	110233	14 63			
	01.85- 01.86	110471	14 94			
	01.72- 01.86	110505	14 75	01.77- 01.86	110216	12 1.4
	01.68- 01.71	110075	14 60			
C25/C2500 5.0 Suburban	01.72- 01.86	110505	14 75	01.77- 01.86	110216	12 1.4
	01.68- 01.71	110075	14 60	01.68- 01.71	111277	12
	01.84- 01.86	110471	14 94	01.84- 01.86	111034	12 1.2
	01.72- 01.72	110233	14 63			
C25/C2500 5.4	01.67- 01.68	110075	14 60	01.67- 01.68	111258	12
C25/C2500 5.4 Suburban	01.68- 01.68	110075	14 60	01.68- 01.68	111258	12

## STARTERS & ALTERNATORS



C25/C2500 5.7	01.72- 01.86	110505	14	75		01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105		01.71- 01.72	111258	12	
	01.69- 01.71	110075	14	60					
	01.83- 01.86	110471	14	94					
	01.72- 01.72	110233	14	63					
C25/C2500 5.7 Suburban	01.72- 01.86	110505	14	75		01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105		01.71- 01.72	111258	12	
	01.72- 01.72	110233	14	63					
	01.69- 01.71	110075	14	60					
C25/C2500 5.7 Suburban	01.80- 01.80	110505	14	75					
	01.87- 01.89	112629	14	100/105					
C25/C2500 5.7	01.74- 01.74	110505	14	75		01.74- 01.74	110216	12	1.4
	01.87- 01.89	112629	14	100/105					
C25/C2500 6.2	01.82- 01.86	110233	14	63					
	01.82- 01.86	110505	14	75					
C25/C2500 6.2 Suburban	01.82- 01.86	110233	14	63					
	01.84- 01.84	110471	14	94					
	01.84- 01.84	110492	14	108					
	01.82- 01.86	110505	14	75					
C25/C2500 6.5	01.68- 01.69	110075	14	60					
C25/C2500 6.5 Suburban	01.68- 01.69	110075	14	60					
C25/C2500 6.6	01.72- 01.72	110233	14	63		01.71- 01.72	111277	12	
	01.72- 01.79	110505	14	75		01.76- 01.79	110216	12	1.4
	01.70- 01.71	110075	14	60					
C25/C2500 6.6 Suburban	01.78- 01.80	110505	14	75		01.78- 01.80	110216	12	1.4
	01.70- 01.72	110075	14	60					
C25/C2500 7.4	01.85- 01.86	110233	14	63		01.73- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94					
	01.73- 01.86	110505	14	75					
C25/C2500 7.4 Suburban	01.85- 01.86	110233	14	63		01.74- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94					
	01.74- 01.86	110505	14	75					
C2500 4.3	01.88- 01.88	110500	14	100/105		01.88- 01.88	111034	12	1.2
	01.88- 01.88	112640	14	100/105					
C2500 4.3 Sierra	01.90- 01.95	112338	14	105		01.89- 01.95	111034	12	1.2
	01.89- 01.95	110500	14	100/105					
	01.93- 01.95	112639	14	100/105					
	01.89- 01.89	112640	14	100/105					
	01.89- 01.93	112338	14	105		01.89- 01.93	111034	12	1.2
C2500 4.3 Sierra XC	01.89- 01.93	110500	14	100/105					
	01.93- 01.93	112639	14	100/105					
	01.89- 01.89	112640	14	100/105					
	01.99- 01.99	112893	14	140		01.99- 01.99	112240	12	1.7
C2500 5.0	01.88- 01.88	112640	14	100/105		01.88- 01.88	110216	12	1.4
	01.88- 01.88	110500	14	100/105					
	01.96- 01.97	112893	14	140		01.97- 01.97	112912	12	1.6
C2500 5.0 Sierra	01.93- 01.96	112639	14	100/105		01.92- 01.96	111034	12	1.2
	01.89- 01.95	110500	14	100/105		01.89- 01.95	110216	12	1.4
	01.90- 01.95	112338	14	105					
	01.89- 01.89	112640	14	100/105					
	01.96- 01.97	112893	14	140		01.97- 01.97	112912	12	1.6
C2500 5.0 Sierra XC	01.93- 01.96	112639	14	100/105		01.92- 01.96	111034	12	1.2
	01.90- 01.95	112338	14	105		01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105					
	01.89- 01.89	112640	14	100/105					
	01.99- 01.00	112893	14	140		01.99- 01.00	112912	12	1.6
C2500 5.7	01.87- 01.89	112629	14	100/105		01.99- 01.00	112240	12	1.7
	01.88- 01.88	112640	14	100/105		01.88- 01.88	110216	12	1.4
	01.88- 01.88	110500	14	100/105					
	01.96- 01.98	112893	14	140		01.96- 01.98	112912	12	1.6
C2500 5.7 Sierra	01.87- 01.89	112629	14	100/105		01.94- 01.98	112240	12	1.7
	01.93- 01.96	112639	14	100/105		01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105					
	01.89- 01.93	112640	14	100/105					
	01.96- 01.98	112893	14	140		01.96- 01.98	112912	12	1.6
C2500 5.7 Sierra XC	01.87- 01.89	112629	14	100/105		01.89- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105		01.94- 01.95	112240	12	1.7
	01.89- 01.95	110500	14	100/105					
	01.89- 01.93	112640	14	100/105					
	01.96- 01.99	112893	14	140		01.96- 01.99	112240	12	1.7
C2500 5.7 Suburban	01.87- 01.89	112629	14	100/105		01.92- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105					
	01.92- 01.95	110500	14	100/105					
	01.92- 01.95	112338	14	105					
	01.88- 01.88	112640	14	100/105					
C2500 6.2	01.88- 01.88	110500	14	100/105					
C2500 6.2 Sierra	01.89- 01.93	112640	14	100/105		01.89- 01.93	112341	12	2.5
	01.89- 01.93	110500	14	100/105					
	01.89- 01.93	110500	14	100/105		01.89- 01.93	112341	12	2.5
C2500 6.2 Sierra XC	01.89- 01.93	110500	14	100/105					
	01.89- 01.93	112640	14	100/105					
C2500 6.5 Sierra	01.94- 01.95	110500	14	100/105		01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105					
C2500 6.5 Sierra XC	01.94- 01.95	110500	14	100/105		01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105					
C2500 6.5 Turbo	01.99- 01.00	112893	14	140		01.99- 01.00	112341	12	2.5
	01.92- 01.98	110500	14	100/105		01.92- 01.98	112341	12	2.5
	01.93- 01.96	112639	14	100/105					
C2500 6.5 Turbo Sierra	01.92- 01.98	112640	14	100/105					
	01.93- 01.98	110500	14	100/105		01.93- 01.98	112341	12	2.5
	01.93- 01.96	112639	14	100/105					
C2500 6.5 Turbo Sierra XC	01.94- 01.99	110500	14	100/105		01.94- 01.99	112341	12	2.5
	01.94- 01.96	112639	14	100/105					
C2500 6.5 Turbo Suburban	01.94- 01.99	110500	14	100/105					
	01.94- 01.96	112639	14	100/105					
C2500 7.4	01.99- 01.00	112893	14	140		01.99- 01.00	112240	12	1.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

GMC Continued

C2500 7.4 Sierra	01.96- 01.98	112893	14 140	01.94- 01.98	112240	12 1.7
	01.93- 01.96	112639	14 100/105	01.91- 01.95	110216	12 1.4
	01.94- 01.95	110500	14 100/105			
	01.91- 01.93	110984	14 100/105			
C2500 7.4 Sierra XC	01.96- 01.98	112893	14 140	01.94- 01.98	112240	12 1.7
	01.93- 01.96	112639	14 100/105	01.91- 01.95	110216	12 1.4
	01.94- 01.95	110500	14 100/105			
	01.91- 01.93	110984	14 100/105			
C2500 7.4 Suburban	01.96- 01.99	112893	14 140	01.94- 01.99	112240	12 1.7
	01.93- 01.96	112639	14 100/105	01.92- 01.95	110216	12 1.4
	01.94- 01.95	110500	14 100/105			
	01.92- 01.93	110984	14 100/105			
C35/C3500 4.1	01.67- 01.71	110075	14 60	01.73- 01.80	110216	12 1.4
	01.72- 01.72	110233	14 63			
	01.72- 01.80	110505	14 75			
C35/C3500 4.6	01.67- 01.67	110075	14 60	01.67- 01.67	111277	12
C35/C3500 4.8	01.67- 01.72	110075	14 60	01.73- 01.86	110216	12 1.4
	01.73- 01.86	110505	14 75			
C35/C3500 4.8	01.74- 01.74	110505	14 75	01.74- 01.74	110216	12 1.4
C35/C3500 5.0	01.68- 01.71	110075	14 60	01.68- 01.71	111277	12
	01.86- 01.86	110471	14 94	01.78- 01.86	110216	12 1.4
	01.72- 01.86	110505	14 75			
	01.86- 01.86	110508	14 78			
C35/C3500 5.4	01.72- 01.72	110233	14 63			
C35/C3500 5.4	01.67- 01.68	110075	14 60	01.67- 01.68	111258	12
	01.69- 01.71	110075	14 60	01.71- 01.72	111258	12
C35/C3500 5.7	01.87- 01.89	112629	14 100/105	01.72- 01.86	110216	12 1.4
	01.72- 01.86	110505	14 75			
	01.83- 01.86	110471	14 94			
	01.72- 01.72	110233	14 63			
C35/C3500 5.7	01.74- 01.74	110505	14 75	01.74- 01.74	110216	12 1.4
	01.87- 01.89	112629	14 100/105			
C35/C3500 6.2	01.82- 01.86	110233	14 63			
	01.82- 01.86	110505	14 75			
C35/C3500 6.5	01.68- 01.69	110075	14 60			
C35/C3500 6.6	01.72- 01.72	110233	14 63	01.71- 01.72	111277	12
	01.72- 01.79	110505	14 75	01.76- 01.79	110216	12 1.4
	01.70- 01.71	110075	14 60			
C35/C3500 7.4	01.85- 01.86	110233	14 63	01.73- 01.86	110216	12 1.4
	01.85- 01.86	110471	14 94			
	01.73- 01.86	110505	14 75			
C3500 5.7	01.98- 01.00	112893	14 140	01.98- 01.00	112912	12 1.6
	01.87- 01.89	112629	14 100/105	01.88- 01.88	110216	12 1.4
	01.88- 01.88	112640	14 100/105			
	01.88- 01.88	110500	14 100/105			
C3500 5.7 Sierra	01.96- 01.97	112893	14 140	01.96- 01.97	112912	12 1.6
	01.87- 01.89	112629	14 100/105	01.89- 01.97	112240	12 1.7
	01.93- 01.96	112639	14 100/105	01.89- 01.95	110216	12 1.4
	01.89- 01.95	110500	14 100/105			
	01.89- 01.93	112640	14 100/105			
C3500 5.7 Sierra XC	01.96- 01.97	112893	14 140	01.96- 01.97	112912	12 1.6
	01.87- 01.89	112629	14 100/105	01.89- 01.95	110216	12 1.4
	01.93- 01.96	112639	14 100/105	01.94- 01.95	112240	12 1.7
	01.89- 01.95	110500	14 100/105			
	01.89- 01.93	112640	14 100/105			
C3500 6.2	01.88- 01.88	112640	14 100/105			
	01.88- 01.88	110500	14 100/105			
C3500 6.2 Sierra	01.89- 01.93	112640	14 100/105	01.89- 01.93	112341	12 2.5
	01.89- 01.93	110500	14 100/105			
C3500 6.2 Sierra XC	01.89- 01.93	112640	14 100/105	01.89- 01.93	112341	12 2.5
	01.89- 01.93	110500	14 100/105			
C3500 6.5 Turbo	01.98- 01.00	112893	14 140	01.98- 01.00	112341	12 2.5
C3500 6.5 Turbo HD Chassis Cab	01.01- 01.02	112850	14 105	01.01- 01.02	112341	12 2.5
C3500 6.5 Turbo Sierra	01.97- 01.97	112893	14 140	01.92- 01.97	112341	12 2.5
	01.92- 01.97	112640	14 100/105			
	01.92- 01.97	110500	14 100/105			
	01.93- 01.96	112639	14 100/105			
C3500 6.5 Turbo Sierra XC	01.97- 01.97	112893	14 140	01.92- 01.97	112341	12 2.5
	01.92- 01.97	110500	14 100/105			
	01.93- 01.96	112639	14 100/105			
C3500 7.4	01.98- 01.00	112893	14 140	01.98- 01.00	112240	12 1.7
	01.88- 01.88	110984	14 100/105	01.88- 01.88	110216	12 1.4
C3500 7.4 Sierra	01.96- 01.97	112893	14 140	01.94- 01.97	112240	12 1.7
	01.93- 01.96	112639	14 100/105	01.89- 01.95	110216	12 1.4
	01.94- 01.95	110500	14 100/105			
	01.89- 01.93	110984	14 100/105			
C3500 7.4 Sierra XC	01.96- 01.97	112893	14 140	01.94- 01.97	112240	12 1.7
	01.93- 01.96	112639	14 100/105	01.89- 01.95	110216	12 1.4
	01.94- 01.95	110500	14 100/105			
	01.89- 01.93	110984	14 100/105			
C3500 8.1 HD Chassis Cab	01.01- 01.02	112853	14 130	01.01- 01.02	112240	12 1.7
	01.01- 01.02	112850	14 105			
Caballero 3.3	01.78- 01.79	110233	14 63	01.78- 01.79	110414	12
	01.78- 01.79	110505	14 75			
Caballero 3.8	01.80- 01.84	110235	14 80	01.80- 01.82	110414	12
	01.80- 01.84	110233	14 63			
	01.78- 01.84	110505	14 75			
Caballero 4.3	01.85- 01.87	110471	14 94			
	01.85- 01.87	110233	14 63			
Caballero 4.4	01.80- 01.82	110505	14 75	01.80- 01.82	110414	12
	01.80- 01.82	110235	14 80			
Caballero 5.0	01.84- 01.87	110471	14 94	01.78- 01.83	110414	12
	01.78- 01.87	110505	14 75			
Caballero 5.7	01.78- 01.79	110505	14 75	01.78- 01.79	111258	12
				01.78- 01.79	110216	12 1.4

## STARTERS & ALTERNATORS



Caballero 5.7	01.83- 01.84	110471	14	94			
	01.83- 01.84	110508	14	78			
	01.83- 01.83	110235	14	80			
	01.83- 01.83	110505	14	75			
Envoy 4.2					01.02- 01.03	112905	12 1.6
Envoy 4.2 XL					01.02- 01.03	112905	12 1.6
Envoy 5.3 XL	01.03- 01.03	112853	14	130	01.03- 01.03	112902	12 1.2
Envoy 5.3 XUV	01.04-	112853	14	130			
G1000 Series 3.8	01.64- 01.66	110075	14	60			
G15/G1500 3.8	01.67- 01.67	110075	14	60			
G15/G1500 3.8 Rally	01.68- 01.69	110075	14	60			
G15/G1500 3.8 Vandura	01.68- 01.69	110075	14	60			
G15/G1500 4.1	01.83- 01.84	110505	14	75	01.83- 01.84	110216	12 1.4
	01.83- 01.84	110508	14	78			
	01.67- 01.67	110075	14	60			
G15/G1500 4.1 Rally	01.72- 01.84	110505	14	75	01.77- 01.84	110216	12 1.4
	01.83- 01.84	110508	14	78			
	01.68- 01.71	110075	14	60			
	01.72- 01.72	110233	14	63			
G15/G1500 4.1 Vandura	01.68- 01.71	110075	14	60	01.76- 01.84	110216	12 1.4
	01.72- 01.72	110233	14	63			
	01.72- 01.84	110505	14	75			
	01.83- 01.84	110508	14	78			
G15/G1500 4.3	01.98- 01.98	112893	14	140	01.98- 01.98	112912	12 1.6
G15/G1500 4.3 Rally	01.87- 01.93	110500	14	100/105	01.91- 01.93	111034	12 1.2
	01.87- 01.93	112640	14	100/105	01.85- 01.90	110216	12 1.4
	01.91-	112629	14	100/105			
	01.93- 01.93	112639	14	100/105			
	01.85- 01.90	110233	14	63			
	01.87- 01.90	110471	14	94			
	01.85- 01.90	110505	14	75			
G15/G1500 4.3 Savana	01.96- 01.97	112893	14	140	01.96- 01.97	111034	12 1.2
	01.91-	112629	14	100/105	01.96- 01.97	112241	12 1.5
	01.96- 01.96	112639	14	100/105	01.96- 01.97	112912	12 1.6
G15/G1500 4.3 Vandura	01.87- 01.95	112640	14	100/105	01.91- 01.95	111034	12 1.2
	01.87- 01.95	110500	14	100/105	01.85- 01.90	110216	12 1.4
	01.91-	112629	14	100/105			
	01.93- 01.95	112639	14	100/105			
	01.85- 01.90	110233	14	63			
	01.87- 01.90	110471	14	94			
	01.85- 01.90	110505	14	75			
	01.96- 01.96	112639	14	100/105			
G15/G1500 4.6	01.67- 01.67	110075	14	60			
G15/G1500 5.0	01.94-	111711	14	105	01.70- 01.86	110216	12 1.4
	01.94- 01.96	112639	14	100/105	01.70- 01.71	111258	12
	01.83- 01.86	110505	14	75	01.98- 01.98	112912	12 1.6
	01.83- 01.86	110471	14	94	01.94-	111034	12 1.2
	01.70- 01.71	110075	14	60			
	01.98- 01.98	112893	14	140			
G15/G1500 5.0 Rally	01.92- 01.93	111711	14	105	01.92- 01.93	111034	12 1.2
	01.93- 01.93	112639	14	100/105	01.77- 01.91	110216	12 1.4
	01.87- 01.91	112640	14	100/105	01.68- 01.69	111258	12
	01.87- 01.91	110500	14	100/105			
	01.72- 01.86	110505	14	75			
	01.83- 01.86	110471	14	94			
	01.68- 01.69	110075	14	60			
	01.72- 01.72	110233	14	63			
G15/G1500 5.0 Savana	01.96- 01.96	112639	14	100/105	01.96- 01.97	111034	12 1.2
					01.96- 01.97	112240	12 1.7
					01.96- 01.97	112912	12 1.6
G15/G1500 5.0 Vandura	01.72- 01.86	110505	14	75	01.92- 01.95	111034	12 1.2
	01.72- 01.72	110233	14	63	01.77- 01.91	110216	12 1.4
	01.92- 01.95	111711	14	105	01.68- 01.69	111258	12
	01.93- 01.95	112639	14	100/105			
	01.87- 01.91	112640	14	100/105			
	01.87- 01.91	110500	14	100/105			
	01.83- 01.86	110471	14	94			
G15/G1500 5.4	01.67- 01.67	110075	14	60			
G15/G1500 5.7	01.87- 01.91	112629	14	100/105	01.71- 01.71	111258	12
	01.94- 01.95	112639	14	100/105	01.71- 01.98	112240	12 1.7
	01.71- 01.71	110075	14	60			
	01.98- 01.98	112893	14	140			
	01.94- 01.95	111711	14	105			
G15/G1500 5.7 Rally	01.87- 01.93	110500	14	100/105	01.72- 01.93	110216	12 1.4
	01.87- 01.93	112640	14	100/105	01.72- 01.86	112240	12 1.7
	01.87- 01.91	112629	14	100/105	01.72- 01.72	111258	12
	01.93- 01.93	112639	14	100/105			
	01.72- 01.86	110505	14	75			
	01.72- 01.72	110233	14	63			
G15/G1500 5.7 Savana	01.96- 01.97	112893	14	140	01.96- 01.97	112240	12 1.7
	01.87- 01.91	112629	14	100/105			
	01.96- 01.96	112639	14	100/105			
G15/G1500 5.7 Vandura	01.72- 01.81	110505	14	75	01.72- 01.81	110216	12 1.4
	01.87- 01.91	112629	14	100/105	01.72- 01.81	112240	12 1.7
	01.72- 01.72	110233	14	63	01.72- 01.72	111258	12
G15/G1500 6.6 Rally	01.79- 01.79	110505	14	75	01.79- 01.79	110216	12 1.4
G15/G1500 6.6 Vandura	01.76- 01.76	110505	14	75	01.76- 01.76	110216	12 1.4
G15/G1500 7.4 Rally	01.79- 01.79	110505	14	75	01.79- 01.79	110216	12 1.4
					01.79- 01.79	112240	12 1.7
G25/G2500 3.8	01.67- 01.67	110075	14	60			
G25/G2500 3.8 Rally	01.68- 01.69	110075	14	60			
G25/G2500 3.8 Vandura	01.68- 01.69	110075	14	60			
G25/G2500 4.1	01.67- 01.67	110075	14	60			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**GMC** *Continued*

G25/G2500 4.1 Rally	01.72- 01.84	110505	14 75	01.79- 01.84	110216	12 1.4	
	01.83- 01.84	110508	14 78				
	01.68- 01.71	110075	14 60				
	01.72- 01.72	110233	14 63				
G25/G2500 4.1 Vandura	01.68- 01.71	110075	14 60	01.78- 01.84	110216	12 1.4	
	01.72- 01.72	110233	14 63				
	01.72- 01.84	110505	14 75				
	01.83- 01.84	110508	14 78				
G25/G2500 4.3	01.98- 01.98	112893	14 140	01.98- 01.98	112912	12 1.6	
	01.91-	112629	14 100/105				
G25/G2500 4.3 Rally	01.85- 01.90	110233	14 63	01.91- 01.95	111034	12 1.2	
	01.91-	112629	14 100/105				
	01.85- 01.90	110505	14 75	01.85- 01.90	110216	12 1.4	
	01.87- 01.95	112640	14 100/105				
	01.87- 01.95	110500	14 100/105				
	01.93- 01.95	112639	14 100/105				
G25/G2500 4.3 Vandura	01.87- 01.95	112640	14 100/105	01.91- 01.95	111034	12 1.2	
	01.87- 01.95	110500	14 100/105				
	01.91-	112629	14 100/105	01.85- 01.90	110216	12 1.4	
	01.93- 01.95	112639	14 100/105				
	01.85- 01.90	110233	14 63				
	01.87- 01.90	110471	14 94				
G25/G2500 4.6	01.67- 01.67	110075	14 60				
	01.74- 01.78	110505	14 75	01.74- 01.78	110216	12 1.4	
G25/G2500 4.8 Rally	01.74- 01.78	110505	14 75	01.74- 01.78	110216	12 1.4	
	01.98- 01.98	112893	14 140	01.70- 01.71	110216	12 1.4	
G25/G2500 4.8 Vandura	01.72- 01.72	110233	14 63	01.70- 01.71	111258	12	
	01.72- 01.72	110505	14 75				
	01.70- 01.71	110075	14 60	01.98- 01.98	112912	12 1.6	
	01.73- 01.86	110505	14 75				
G25/G2500 5.0 Rally	01.83- 01.86	110471	14 94	01.77- 01.91	110216	12 1.4	
	01.68- 01.69	110075	14 60				
	01.92- 01.95	111711	14 105	01.92- 01.95	111034	12 1.2	
	01.93- 01.95	112639	14 100/105				
	01.87- 01.91	112640	14 100/105	01.68- 01.69	111258	12	
	01.87- 01.91	110500	14 100/105				
	G25/G2500 5.0 Savana	01.96- 01.96	112639	14 100/105	01.96- 01.97	111034	12 1.2
					01.96- 01.97	112912	12 1.6
G25/G2500 5.0 Vandura	01.92- 01.95	111711	14 105	01.77- 01.91	110216	12 1.4	
	01.93- 01.95	112639	14 100/105				
	01.87- 01.91	112640	14 100/105	01.92- 01.95	111034	12 1.2	
	01.87- 01.91	110500	14 100/105				
	01.73- 01.86	110505	14 75	01.68- 01.69	111258	12	
	01.83- 01.86	110471	14 94				
G25/G2500 5.4	01.67- 01.67	110075	14 60				
	01.98- 01.98	112893	14 140	01.71- 01.71	111258	12	
G25/G2500 5.7	01.87- 01.91	112629	14 100/105	01.71- 01.98	112240	12 1.7	
	01.71- 01.71	110075	14 60				
	01.87- 01.91	112629	14 100/105				
G25/G2500 5.7 Rally	01.72- 01.86	110505	14 75	01.72- 01.94	110216	12 1.4	
	01.72- 01.72	110233	14 63				
	01.71- 01.71	110075	14 60	01.71- 01.95	112240	12 1.7	
	01.80- 01.86	110499	14 100/105				
	01.80- 01.86	110508	14 78	01.71- 01.72	111258	12	
	01.80- 01.86	112448	14 100				
	01.94- 01.95	111711	14 105				
	01.93- 01.95	112639	14 100/105				
	01.87- 01.93	112640	14 100/105				
	01.87- 01.93	110500	14 100/105				
	01.72- 01.86	110505	14 75				
01.83- 01.85	110471	14 94					
01.72- 01.72	110233	14 63					
G25/G2500 5.7 Savana	01.70- 01.71	110075	14 60				
	01.96- 01.97	112893	14 140	01.96- 01.97	112240	12 1.7	
	01.87- 01.91	112629	14 100/105				
01.96- 01.96	112639	14 100/105					
G25/G2500 5.7 Vandura	01.94- 01.95	111711	14 105	01.70- 01.95	112240	12 1.7	
	01.87- 01.91	112629	14 100/105				
	01.93- 01.95	112639	14 100/105	01.72- 01.94	110216	12 1.4	
	01.87- 01.93	112640	14 100/105				
	01.87- 01.93	110500	14 100/105	01.70- 01.72	111258	12	
	01.72- 01.86	110505	14 75				
	01.83- 01.85	110471	14 94				
	01.72- 01.72	110233	14 63				
01.70- 01.71	110075	14 60					
G25/G2500 6.2 Rally	01.83- 01.90	110233	14 63	01.91- 01.93	112341	12 2.5	
	01.83- 01.90	110505	14 75				
	01.91- 01.93	110984	14 100/105				
G25/G2500 6.2 Vandura	01.91- 01.93	110984	14 100/105	01.91- 01.93	112341	12 2.5	
	01.83- 01.90	110233	14 63				
	01.83- 01.90	110505	14 75				
G25/G2500 6.5 Rally	01.94- 01.95	110500	14 100/105	01.94- 01.95	112341	12 2.5	
	01.94- 01.95	112639	14 100/105				
G25/G2500 6.5 Vandura	01.94- 01.95	110500	14 100/105	01.94- 01.95	112341	12 2.5	
	01.94- 01.95	112639	14 100/105				
G25/G2500 6.5 Turbo	01.98- 01.98	112893	14 140	01.98- 01.98	112341	12 2.5	
G25/G2500 6.5 Turbo Cargo	01.97-	112893	14 140	01.97-	112341	12 2.5	
G25/G2500 6.5 Turbo Savana	01.96- 01.96	112893	14 140	01.96- 01.96	112341	12 2.5	
	01.96- 01.96	112639	14 100/105				
G25/G2500 6.5 Turbo XT	01.97-	112893	14 140	01.97-	112341	12 2.5	
G25/G2500 6.6 Rally	01.75- 01.80	110505	14 75	01.75- 01.80	110216	12 1.4	
G25/G2500 6.6 Vandura	01.75- 01.80	110505	14 75	01.75- 01.80	110216	12 1.4	
G25/G2500 7.4 Rally	01.75- 01.76	110505	14 75	01.75- 01.76	110216	12 1.4	
G35/G3500 4.1 Rally	01.71- 01.71	110075	14 60	01.75- 01.76	112240	12 1.7	
	01.72- 01.72	110233	14 63				
	01.72- 01.74	110505	14 75				

## STARTERS & ALTERNATORS



G35/G3500 4.1 Vandura	01.72- 01.84	110505	14 75	01.78- 01.84	110216	12 1.4
	01.71- 01.71	110075	14 60			
	01.72- 01.72	110233	14 63			
	01.83- 01.84	110508	14 78			
G35/G3500 4.3	01.92- 01.95	111711	14 105	01.92- 01.95	111034	12 1.2
	01.93- 01.96	112639	14 100/105			
	01.91-	112629	14 100/105			
G35/G3500 4.3 Rally	01.95- 01.96	111711	14 105	01.95- 01.96	111034	12 1.2
	01.91-	112629	14 100/105			
	01.95- 01.96	112639	14 100/105			
G35/G3500 4.3 Savana	01.96- 01.96	112893	14 140	01.96- 01.96	111034	12 1.2
	01.91-	112629	14 100/105			
	01.96- 01.96	112639	14 100/105			
G35/G3500 4.3 Special	01.96- 01.96	111711	14 105	01.96- 01.96	111034	12 1.2
	01.91-	112629	14 100/105			
	01.96- 01.96	112639	14 100/105			
G35/G3500 4.3 Vandura	01.87- 01.96	112640	14 100/105	01.91- 01.96	111034	12 1.2
	01.87- 01.96	110500	14 100/105			
	01.91-	112629	14 100/105	01.85- 01.90	110216	12 1.4
	01.93- 01.96	112639	14 100/105			
	01.85- 01.90	110233	14 63			
	01.87- 01.90	110471	14 94			
	01.85- 01.90	110505	14 75			
	01.74- 01.78	110505	14 75	01.74- 01.78	110216	12 1.4
01.76- 01.78	110505	14 75				
G35/G3500 4.8 Rally	01.76- 01.78	110505	14 75	01.76- 01.78	110216	12 1.4
G35/G3500 4.8 Vandura	01.76- 01.78	110505	14 75	01.76- 01.78	110216	12 1.4
G35/G3500 5.0 Vandura	01.81- 01.81	110505	14 75	01.81- 01.81	110216	12 1.4
G35/G3500 5.4	01.67- 01.67	110075	14 60			
G35/G3500 5.7	01.94- 01.96	111711	14 105	01.74- 01.94	110216	12 1.4
	01.87- 01.91	112629	14 100/105			
	01.93- 01.96	112639	14 100/105	01.71- 01.98	112240	12 1.7
	01.87- 01.93	110500	14 100/105			
	01.87- 01.93	112640	14 100/105	01.71- 01.71	111258	12
	01.84- 01.88	110471	14 94			
	01.74- 01.86	110505	14 75			
	01.71- 01.71	110075	14 60			
	01.98- 01.98	112893	14 140			
	G35/G3500 5.7 Rally	01.94- 01.96	111711	14 105	01.71- 01.96	112240
01.87- 01.91		112629	14 100/105			
01.93- 01.96		112639	14 100/105	01.72- 01.94	110216	12 1.4
01.87- 01.93		112640	14 100/105			
01.87- 01.93		110500	14 100/105	01.71- 01.72	111258	12
01.72- 01.86		110505	14 75			
01.72- 01.72		110233	14 63			
01.71- 01.71		110075	14 60			
G35/G3500 5.7 Savana	01.96- 01.97	112893	14 140	01.96- 01.97	112240	12 1.7
	01.87- 01.91	112629	14 100/105			
	01.96- 01.96	112639	14 100/105			
G35/G3500 5.7 Special	01.96- 01.97	112893	14 140	01.96- 01.97	112240	12 1.7
	01.87- 01.91	112629	14 100/105			
	01.96- 01.96	112639	14 100/105			
G35/G3500 5.7 Vandura	01.87- 01.91	112629	14 100/105	01.71- 01.96	112240	12 1.7
	01.72- 01.72	110233	14 63			
	01.72- 01.86	110505	14 75	01.72- 01.94	110216	12 1.4
	01.71- 01.71	110075	14 60			
	01.94- 01.96	111711	14 105	01.71- 01.72	111258	12
	01.93- 01.96	112639	14 100/105			
	01.87- 01.93	110500	14 100/105			
01.87- 01.93	112640	14 100/105				
G35/G3500 6.2	01.91- 01.93	110984	14 100/105	01.91- 01.93	112341	12 2.5
	01.83- 01.90	110233	14 63			
	01.83- 01.90	110505	14 75			
G35/G3500 6.2 Rally	01.91- 01.93	110984	14 100/105	01.91- 01.93	112341	12 2.5
	01.83- 01.90	110233	14 63			
	01.83- 01.90	110505	14 75			
G35/G3500 6.2 Vandura	01.91- 01.93	110984	14 100/105	01.91- 01.93	112341	12 2.5
	01.83- 01.90	110233	14 63			
	01.83- 01.90	110505	14 75			
G35/G3500 6.5	01.94- 01.96	110500	14 100/105	01.94- 01.96	112341	12 2.5
	01.94- 01.96	112639	14 100/105			
G35/G3500 6.5 Rally	01.94- 01.96	110500	14 100/105	01.94- 01.96	112341	12 2.5
	01.94- 01.96	112639	14 100/105			
G35/G3500 6.5 Vandura	01.94- 01.96	110500	14 100/105	01.94- 01.96	112341	12 2.5
	01.94- 01.96	112639	14 100/105			
G35/G3500 6.5 Turbo	01.98- 01.98	112893	14 140	01.98- 01.98	112341	12 2.5
G35/G3500 6.5 Turbo Savana	01.96- 01.97	112893	14 140	01.96- 01.97	112341	12 2.5
	01.96- 01.96	112639	14 100/105			
G35/G3500 6.5 Turbo Special	01.96- 01.96	112893	14 140	01.96- 01.96	112341	12 2.5
	01.96- 01.96	112639	14 100/105			
G35/G3500 6.6	01.76- 01.80	110505	14 75	01.76- 01.80	110216	12 1.4
G35/G3500 6.6 Rally	01.75- 01.80	110505	14 75	01.75- 01.80	110216	12 1.4
G35/G3500 6.6 Vandura	01.75- 01.80	110505	14 75	01.75- 01.80	110216	12 1.4
G35/G3500 7.4	01.94- 01.96	111711	14 105	01.76- 01.98	112240	12 1.7
	01.93- 01.96	112639	14 100/105			
	01.88- 01.93	110984	14 100/105	01.76- 01.94	110216	12 1.4
	01.98- 01.98	112893	14 140			
	01.76- 01.79	110505	14 75			
G35/G3500 7.4 Rally	01.94- 01.96	111711	14 105	01.89- 01.96	112240	12 1.7
	01.93- 01.96	112639	14 100/105			
	01.89- 01.93	110984	14 100/105	01.89- 01.94	110216	12 1.4
G35/G3500 7.4 Savana	01.96- 01.97	112893	14 140	01.96- 01.97	112240	12 1.7
	01.96- 01.96	112639	14 100/105			
G35/G3500 7.4 Special	01.96- 01.96	112893	14 140	01.96- 01.96	112240	12 1.7
	01.96- 01.96	112639	14 100/105			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

GMC Continued

G35/G3500 7.4 Vandura	01.94- 01.96	111711	14	105	01.89- 01.96	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.89- 01.94	110216	12	1.4
	01.89- 01.93	110984	14	100/105				
Jimmy 4.1	01.70- 01.71	110075	14	60	01.73- 01.82	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.82	110505	14	75				
Jimmy 4.3	01.98- 01.00	112665	14	100	01.01- 01.01	112241	12	1.5
	01.96-	111712	14	105	01.95- 01.01	112240	12	1.7
	01.95- 01.96	112639	14	100/105	01.95- 01.95	111034	12	1.2
	01.94- 01.95	112613	14	105				
Jimmy 4.3 Envoy	01.98- 01.01	112665	14	100	01.98- 01.01	112240	12	1.7
					01.99- 01.01	112241	12	1.5
Jimmy 4.3 SLS					01.02-	112240	12	1.7
Jimmy 4.8	01.73- 01.73	110505	14	75	01.73- 01.73	110216	12	1.4
Jimmy 5.0	01.72- 01.72	110233	14	63	01.70- 01.71	111277	12	
	01.72- 01.87	110505	14	75	01.77- 01.87	110216	12	1.4
	01.70- 01.71	110075	14	60	01.70- 01.70	111258	12	
	01.87- 01.87	110500	14	100/105				
	01.83- 01.87	110471	14	94				
Jimmy 5.7	01.87- 01.87	112640	14	100/105				
	01.73- 01.91	110505	14	75	01.73- 01.91	110216	12	1.4
	01.93- 01.96	112639	14	100/105	01.70- 01.72	111258	12	
	01.70- 01.72	110075	14	60				
	01.87- 01.91	110471	14	94				
Jimmy 6.2	01.87- 01.91	110984	14	100/105				
	01.88- 01.93	112338	14	105				
	01.82- 01.90	110233	14	63	01.90- 01.91	112341	12	2.5
	01.82- 01.90	110471	14	94				
Jimmy 6.6	01.82- 01.90	110505	14	75				
	01.82- 01.86	110492	14	108				
	01.91- 01.91	110984	14	100/105				
Jimmy 7.4	01.75- 01.79	110505	14	75	01.75- 01.79	110216	12	1.4
Jimmy 7.4	01.73- 01.76	110505	14	75	01.73- 01.76	110216	12	1.4
K15/K1500 3.8	01.66- 01.69	110075	14	60				
K15/K1500 4.1	01.66- 01.71	110075	14	60	01.73- 01.84	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.84	110505	14	75				
K15/K1500 4.1 Suburban	01.68- 01.71	110075	14	60	01.73- 01.80	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.80	110505	14	75				
K15/K1500 4.3	01.85- 01.86	110233	14	63	01.85- 01.86	110216	12	1.4
	01.85- 01.86	110505	14	75				
K15/K1500 4.6	01.67- 01.67	110075	14	60	01.67- 01.67	111277	12	
K15/K1500 4.8	01.66- 01.67	110075	14	60	01.75- 01.80	110216	12	1.4
	01.75- 01.80	110505	14	75				
K15/K1500 5.0	01.68- 01.70	110075	14	60	01.68- 01.70	111277	12	
	01.76- 01.86	110505	14	75	01.76- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94	01.85- 01.86	111034	12	1.2
K15/K1500 5.0 Suburban	01.72- 01.85	110505	14	75	01.85- 01.85	111034	12	1.2
	01.83- 01.85	110471	14	94	01.76- 01.85	110216	12	1.4
	01.68- 01.71	110075	14	60	01.68- 01.71	111277	12	
	01.72- 01.72	110233	14	63				
K15/K1500 5.4	01.67- 01.68	110075	14	60	01.67- 01.68	111258	12	
K15/K1500 5.4 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	111258	12	
K15/K1500 5.7	01.72- 01.86	110505	14	75	01.72- 01.86	110216	12	1.4
	01.84- 01.86	110471	14	94	01.72- 01.72	111258	12	
	01.87- 01.89	112629	14	100/105				
	01.72- 01.72	110233	14	63				
	01.69- 01.71	110075	14	60				
K15/K1500 5.7 Suburban	01.72- 01.86	110505	14	75	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.70- 01.72	111258	12	
	01.69- 01.71	110075	14	60				
	01.85- 01.86	110471	14	94				
K15/K1500 6.2	01.72- 01.72	110233	14	63				
	01.82- 01.86	110233	14	63				
	01.85- 01.86	110471	14	94				
K15/K1500 6.2 Suburban	01.85- 01.86	110492	14	108				
	01.82- 01.86	110505	14	75				
	01.82- 01.86	110233	14	63				
	01.84- 01.86	110471	14	94				
K15/K1500 6.5	01.84- 01.86	110492	14	108				
	01.82- 01.86	110505	14	75				
	01.68- 01.69	110075	14	60				
K15/K1500 6.5 Suburban	01.93- 01.96	112639	14	100/105				
K15/K1500 6.6	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
K15/K1500 6.6 Suburban	01.75- 01.79	110505	14	75	01.75- 01.79	110216	12	1.4
	01.70- 01.72	110075	14	60				
K15/K1500 7.4	01.76- 01.80	110505	14	75	01.76- 01.80	110216	12	1.4
K1500 4.3	01.88- 01.88	112640	14	100/105	01.88- 01.88	111034	12	1.2
	01.88- 01.88	110500	14	100/105				
K1500 4.3 Sierra	01.98- 01.98	112893	14	140	01.98- 01.98	112912	12	1.6
	01.93- 01.96	112639	14	100/105	01.89- 01.97	111034	12	1.2
	01.89- 01.95	110500	14	100/105	01.89- 01.89	112241	12	1.5
	01.90- 01.95	112338	14	105				
	01.89- 01.89	112640	14	100/105				
K1500 4.3 Sierra XC	01.98- 01.98	112893	14	140	01.98- 01.98	112912	12	1.6
	01.93- 01.96	112639	14	100/105	01.89- 01.97	111034	12	1.2
	01.89- 01.95	110500	14	100/105				
	01.90- 01.95	112338	14	105				
K1500 5.0	01.89- 01.89	112640	14	100/105				
	01.99- 01.99	112893	14	140	01.99- 01.99	112240	12	1.7
	01.88- 01.88	112640	14	100/105	01.88- 01.88	110216	12	1.4
	01.88- 01.88	110500	14	100/105				

## STARTERS & ALTERNATORS



K1500 5.0 Sierra	01.96- 01.98	112893	14	140	01.91- 01.98	111034	12	1.2
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105				
	01.91- 01.93	112338	14	105				
	01.89- 01.90	112640	14	100/105				
K1500 5.0 Sierra XC	01.96- 01.98	112893	14	140	01.91- 01.98	111034	12	1.2
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105				
	01.91- 01.93	112338	14	105				
	01.89- 01.90	112640	14	100/105				
K1500 5.7	01.99- 01.99	112893	14	140	01.99- 01.99	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.99- 01.99	112240	12	1.7
	01.88- 01.88	112640	14	100/105	01.88- 01.88	110216	12	1.4
	01.88- 01.88	110500	14	100/105				
K1500 5.7 Sierra	01.96- 01.98	112893	14	140	01.96- 01.98	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.93- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105				
	01.89- 01.92	112640	14	100/105				
K1500 5.7 Sierra XC	01.96- 01.98	112893	14	140	01.96- 01.98	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.89- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.89- 01.95	110500	14	100/105				
	01.89- 01.92	112640	14	100/105				
K1500 5.7 Suburban	01.96- 01.99	112893	14	140	01.96- 01.99	112240	12	1.7
	01.87- 01.89	112629	14	100/105				
	01.93- 01.96	112639	14	100/105				
	01.92- 01.95	110500	14	100/105				
	01.92- 01.95	112338	14	105				
K1500 6.2	01.88- 01.88	112640	14	100/105				
	01.88- 01.88	110500	14	100/105				
K1500 6.2 Sierra	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
	01.89- 01.93	110500	14	100/105				
K1500 6.2 Sierra XC	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
	01.89- 01.93	110500	14	100/105				
K1500 6.5 Sierra	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105				
K1500 6.5 Sierra XC	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5
	01.94- 01.95	112639	14	100/105				
K1500 6.5 Turbo Sierra	01.94- 01.96	112639	14	100/105	01.94- 01.98	112341	12	2.5
	01.94- 01.98	110500	14	100/105				
	01.98- 01.98	112893	14	140				
K1500 6.5 Turbo Sierra XC	01.94- 01.96	112639	14	100/105	01.94- 01.98	112341	12	2.5
	01.94- 01.98	110500	14	100/105				
	01.97- 01.98	112893	14	140				
K1500 6.5 Turbo Suburban	01.96- 01.99	112893	14	140	01.96- 01.99	112341	12	2.5
	01.94- 01.96	112639	14	100/105				
	01.94- 01.95	110500	14	100/105				
K25/K2500 4.1	01.67- 01.71	110075	14	60	01.73- 01.80	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.80	110505	14	75				
K25/K2500 4.1 Suburban	01.68- 01.71	110075	14	60	01.73- 01.74	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.72- 01.74	110505	14	75				
K25/K2500 4.3	01.85- 01.85	110233	14	63	01.85- 01.85	110216	12	1.4
	01.85- 01.85	110505	14	75				
K25/K2500 4.6	01.67- 01.67	110075	14	60	01.67- 01.67	111277	12	
K25/K2500 4.8	01.67- 01.72	110075	14	60	01.73- 01.86	110216	12	1.4
	01.73- 01.86	110505	14	75				
K25/K2500 4.8 Suburban	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.68- 01.72	110075	14	60				
	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
K25/K2500 5.0	01.68- 01.70	110075	14	60	01.68- 01.70	111277	12	
	01.77- 01.78	110505	14	75	01.77- 01.78	110216	12	1.4
	01.72- 01.78	110505	14	75	01.77- 01.78	110216	12	1.4
K25/K2500 5.0 Suburban	01.72- 01.72	110233	14	63	01.68- 01.71	111277	12	
	01.68- 01.71	110075	14	60				
	01.67- 01.68	110075	14	60	01.67- 01.68	111258	12	
K25/K2500 5.4 Suburban	01.68- 01.68	110075	14	60	01.68- 01.68	111258	12	
	01.72- 01.86	110505	14	75	01.72- 01.86	110216	12	1.4
K25/K2500 5.7	01.84- 01.86	110471	14	94	01.72- 01.72	111258	12	
	01.87- 01.89	112629	14	100/105				
	01.72- 01.72	110233	14	63				
	01.69- 01.71	110075	14	60				
K25/K2500 5.7 Suburban	01.72- 01.86	110505	14	75	01.72- 01.86	110216	12	1.4
	01.87- 01.89	112629	14	100/105	01.72- 01.72	111258	12	
	01.72- 01.72	110233	14	63				
	01.69- 01.71	110075	14	60				
K25/K2500 6.2	01.85- 01.86	110471	14	94				
	01.85- 01.86	110492	14	108				
	01.82- 01.86	110233	14	63				
	01.82- 01.86	110505	14	75				
K25/K2500 6.2 Suburban	01.82- 01.86	110233	14	63				
	01.84- 01.86	110471	14	94				
	01.84- 01.86	110492	14	108				
	01.82- 01.86	110505	14	75				
K25/K2500 6.5	01.68- 01.69	110075	14	60				
K25/K2500 6.5 Suburban	01.93- 01.96	112639	14	100/105				
K25/K2500 6.6	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
K25/K2500 7.4	01.73- 01.78	110505	14	75	01.73- 01.78	110216	12	1.4
K25/K2500 7.4 Suburban	01.77- 01.77	110505	14	75	01.77- 01.77	110216	12	1.4
	01.88- 01.88	112640	14	100/105	01.88- 01.88	111034	12	1.2
K2500 4.3	01.88- 01.88	110500	14	100/105				
	01.88- 01.88	110500	14	100/105				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

GMC Continued

K2500 4.3 Sierra	01.90- 01.95	112338	14	105	01.89- 01.95	111034	12	1.2								
	01.89- 01.95	110500	14	100/105												
	01.93- 01.95	112639	14	100/105												
	01.89- 01.89	112640	14	100/105												
K2500 4.3 Sierra XC	01.89- 01.93	110500	14	100/105	01.89- 01.93	111034	12	1.2								
	01.90- 01.93	112338	14	105												
	01.93- 01.93	112639	14	100/105												
	01.89- 01.89	112640	14	100/105												
K2500 5.0	01.98- 01.99	112893	14	140	01.98- 01.99	112912	12	1.6								
	01.88- 01.88	110500	14	100/105					01.88- 01.88	110216	12	1.4				
	01.88- 01.88	112640	14	100/105												
K2500 5.0 Sierra	01.89- 01.95	110500	14	100/105	01.91- 01.95	111034	12	1.2								
	01.93- 01.95	112639	14	100/105					01.89- 01.95	110216	12	1.4				
	01.91- 01.93	112338	14	105												
	01.89- 01.90	112640	14	100/105												
K2500 5.0 Sierra XC	01.89- 01.95	110500	14	100/105	01.89- 01.95	110216	12	1.4								
	01.93- 01.95	112639	14	100/105					01.91- 01.95	111034	12	1.2				
	01.91- 01.93	112338	14	105												
	01.89- 01.90	112640	14	100/105												
K2500 5.7	01.98- 01.00	112893	14	140	01.98- 01.00	112912	12	1.6								
	01.87- 01.89	112629	14	100/105					01.88- 01.88	110216	12	1.4				
	01.88- 01.88	112640	14	100/105												
	01.88- 01.88	110500	14	100/105												
K2500 5.7 Sierra	01.96- 01.97	112893	14	140	01.96- 01.97	112912	12	1.6								
	01.87- 01.89	112629	14	100/105					01.93- 01.97	112240	12	1.7				
	01.93- 01.96	112639	14	100/105									01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105												
	01.89- 01.92	112640	14	100/105												
K2500 5.7 Sierra XC	01.96- 01.97	112893	14	140	01.96- 01.97	112912	12	1.6								
	01.87- 01.89	112629	14	100/105					01.89- 01.95	110216	12	1.4				
	01.93- 01.96	112639	14	100/105												
	01.89- 01.95	110500	14	100/105												
	01.89- 01.92	112640	14	100/105												
K2500 5.7 Suburban	01.96- 01.99	112893	14	140	01.96- 01.99	112240	12	1.7								
	01.87- 01.89	112629	14	100/105												
	01.93- 01.96	112639	14	100/105												
	01.92- 01.95	110500	14	100/105												
	01.89- 01.95	112338	14	105												
K2500 6.2	01.88- 01.88	112640	14	100/105												
	01.88- 01.88	110500	14	100/105												
K2500 6.2 Sierra	01.89- 01.93	110500	14	100/105	01.89- 01.93	112341	12	2.5								
	01.89- 01.93	112640	14	100/105												
K2500 6.2 Sierra XC	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5								
	01.89- 01.93	110500	14	100/105												
K2500 6.5 Sierra	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5								
	01.94- 01.95	112639	14	100/105												
K2500 6.5 Sierra XC	01.94- 01.95	110500	14	100/105	01.94- 01.95	112341	12	2.5								
	01.94- 01.95	112639	14	100/105												
K2500 6.5 Turbo	01.98- 01.00	112893	14	140	01.98- 01.00	112341	12	2.5								
K2500 6.5 Turbo Sierra	01.92- 01.97	110500	14	100/105	01.92- 01.97	112341	12	2.5								
	01.93- 01.96	112639	14	100/105												
	01.92- 01.94	112640	14	100/105												
K2500 6.5 Turbo Sierra XC	01.92- 01.97	110500	14	100/105	01.92- 01.97	112341	12	2.5								
	01.93- 01.96	112639	14	100/105												
K2500 6.5 Turbo Suburban	01.96- 01.99	112893	14	140	01.96- 01.99	112341	12	2.5								
	01.94- 01.96	112639	14	100/105												
	01.94- 01.95	110500	14	100/105												
K2500 7.4	01.98- 01.00	112893	14	140	01.98- 01.00	112240	12	1.7								
K2500 7.4 Sierra	01.96- 01.97	112893	14	140	01.91- 01.97	112240	12	1.7								
	01.93- 01.96	112639	14	100/105					01.91- 01.95	110216	12	1.4				
	01.94- 01.95	110500	14	100/105												
	01.91- 01.93	110984	14	100/105												
K2500 7.4 Sierra XC	01.96- 01.97	112893	14	140	01.94- 01.97	112240	12	1.7								
	01.93- 01.96	112639	14	100/105					01.91- 01.95	110216	12	1.4				
	01.94- 01.95	110500	14	100/105												
	01.91- 01.93	110984	14	100/105												
K2500 7.4 Suburban	01.96- 01.99	112893	14	140	01.94- 01.99	112240	12	1.7								
	01.93- 01.96	112639	14	100/105					01.94- 01.95	110216	12	1.4				
	01.94- 01.95	110500	14	100/105												
	01.92- 01.93	110984	14	100/105												
K35/K3500 4.1	01.68- 01.71	110075	14	60	01.73- 01.75	110216	12	1.4								
	01.72- 01.72	110233	14	63												
	01.72- 01.75	110505	14	75												
K35/K3500 4.8	01.68- 01.72	110075	14	60	01.73- 01.86	110216	12	1.4								
	01.73- 01.86	110505	14	75												
K35/K3500 4.8	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4								
K35/K3500 5.0	01.68- 01.71	110075	14	60	01.68- 01.71	111277	12									
	01.72- 01.73	110505	14	75												
	01.72- 01.72	110233	14	63												
K35/K3500 5.4	01.67- 01.68	110075	14	60	01.67- 01.68	111258	12									
K35/K3500 5.7	01.72- 01.86	110505	14	75	01.72- 01.86	110216	12	1.4								
	01.87- 01.89	112629	14	100/105					01.72- 01.72	111258	12					
	01.72- 01.72	110233	14	63												
	01.69- 01.71	110075	14	60												
	01.84- 01.86	110471	14	94												
K35/K3500 5.7	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4								
	01.87- 01.89	112629	14	100/105												
K35/K3500 6.2	01.82- 01.86	110233	14	63												
	01.85- 01.86	110471	14	94												
	01.85- 01.86	110492	14	108												
	01.82- 01.86	110505	14	75												
	01.68- 01.69	110075	14	60												
K35/K3500 6.6	01.70- 01.71	110075	14	60	01.77- 01.80	110216	12	1.4								
	01.77- 01.80	110505	14	75												

## STARTERS & ALTERNATORS



K35/K3500 7.4	01.73- 01.86	110505	14	75	01.73- 01.86	110216	12	1.4
	01.85- 01.86	110471	14	94				
	01.85- 01.86	110233	14	63				
K3500 5.7	01.98- 01.00	112893	14	140	01.98- 01.00	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.99- 01.00	112240	12	1.7
	01.88- 01.88	112640	14	100/105	01.88- 01.88	110216	12	1.4
	01.88- 01.88	110500	14	100/105				
K3500 5.7 Sierra	01.96- 01.97	112893	14	140	01.96- 01.97	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.93- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.89- 01.95	110500	14	100/105				
	01.89- 01.92	112640	14	100/105				
K3500 5.7 Sierra XC	01.96- 01.97	112893	14	140	01.96- 01.97	112912	12	1.6
	01.87- 01.89	112629	14	100/105	01.89- 01.95	110216	12	1.4
	01.93- 01.96	112639	14	100/105				
	01.89- 01.95	110500	14	100/105				
	01.89- 01.92	112640	14	100/105				
K3500 6.2	01.88- 01.88	110500	14	100/105				
	01.88- 01.88	112640	14	100/105				
K3500 6.2 Sierra	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
	01.89- 01.93	110500	14	100/105				
K3500 6.2 Sierra XC	01.89- 01.93	112640	14	100/105	01.89- 01.93	112341	12	2.5
	01.89- 01.93	110500	14	100/105				
K3500 6.5 Turbo	01.98- 01.00	112893	14	140	01.98- 01.00	112341	12	2.5
K3500 6.5 Turbo Sierra	01.92- 01.97	110500	14	100/105	01.92- 01.97	112341	12	2.5
	01.93- 01.96	112639	14	100/105				
	01.92- 01.94	112640	14	100/105				
K3500 6.5 Turbo Sierra XC	01.93- 01.97	110500	14	100/105	01.93- 01.97	112341	12	2.5
	01.93- 01.96	112639	14	100/105				
K3500 7.4	01.98- 01.00	112893	14	140	01.98- 01.00	112240	12	1.7
	01.88- 01.88	110984	14	100/105	01.88- 01.88	110216	12	1.4
K3500 7.4 Sierra	01.96- 01.97	112893	14	140	01.94- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
	01.89- 01.93	110984	14	100/105				
K3500 7.4 Sierra XC	01.96- 01.97	112893	14	140	01.94- 01.97	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.89- 01.95	110216	12	1.4
	01.94- 01.95	110500	14	100/105				
	01.89- 01.93	110984	14	100/105				
P15/P1500 3.8	01.67- 01.69	110075	14	60				
P15/P1500 4.1	01.68- 01.72	110075	14	60	01.73- 01.74	110216	12	1.4
	01.73- 01.74	110505	14	75				
P15/P1500 4.6	01.67- 01.67	110075	14	60				
P15/P1500 4.8	01.75- 01.80	110505	14	75	01.75- 01.80	110216	12	1.4
	01.67- 01.67	110075	14	60				
P15/P1500 7.4	01.79- 01.79	110505	14	75	01.79- 01.79	110216	12	1.4
P25/P2500 4.1	01.72- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
	01.66- 01.70	110075	14	60				
	01.72- 01.72	110233	14	63				
P25/P2500 4.6	01.67- 01.67	110075	14	60				
P25/P2500 4.8	01.73- 01.89	110505	14	75	01.73- 01.89	110216	12	1.4
	01.67- 01.72	110075	14	60				
P25/P2500 5.0	01.68- 01.69	110075	14	60	01.68- 01.69	111258	12	
P25/P2500 5.7	01.73- 01.86	110505	14	75	01.73- 01.89	110216	12	1.4
	01.70- 01.72	110075	14	60	01.70- 01.72	111258	12	
	01.87- 01.89	110984	14	100/105				
P25/P2500 6.2	01.82- 01.89	110233	14	63	01.89- 01.89	112341	12	2.5
	01.82- 01.89	110505	14	75				
P25/P2500 7.4	01.93- 01.96	112639	14	100/105				
P35/P3500 3.9 Turbo	01.89- 01.91	110471	14	94				
P35/P3500 4.1	01.73- 01.74	110505	14	75	01.73- 01.74	110216	12	1.4
	01.66- 01.72	110075	14	60				
P35/P3500 4.3	01.93- 01.96	112639	14	100/105	01.90- 01.95	111034	12	1.2
					01.96- 01.99	112240	12	1.7
P35/P3500 4.6	01.67- 01.67	110075	14	60				
P35/P3500 4.8	01.73- 01.89	110505	14	75	01.73- 01.89	110216	12	1.4
	01.67- 01.72	110075	14	60				
P35/P3500 5.0	01.68- 01.69	110075	14	60	01.68- 01.69	111258	12	
P35/P3500 5.7	01.93- 01.96	112639	14	100/105	01.73- 01.95	110216	12	1.4
	01.73- 01.86	110505	14	75	01.70- 01.72	111258	12	
	01.70- 01.72	110075	14	60	01.94- 01.99	112240	12	1.7
	01.87- 01.93	110984	14	100/105				
P35/P3500 6.2	01.82- 01.93	110233	14	63	01.89- 01.93	112341	12	2.5
	01.82- 01.93	110505	14	75				
P35/P3500 6.5	01.94- 01.96	112639	14	100/105	01.94- 01.99	112341	12	2.5
	01.94- 01.97	110500	14	100/105				
P35/P3500 6.5 Turbo					01.98- 01.99	112341	12	2.5
P35/P3500 7.4 [L19]	01.96-	111090	14	105				
	01.96- 01.96	112639	14	100/105				
	01.93- 01.96	112639	14	100/105	01.73- 01.95	110216	12	1.4
	01.73- 01.86	110505	14	75	01.94- 01.99	112240	12	1.7
	01.89- 01.93	110502	14	100/105				
	01.87- 01.89	110984	14	100/105				
	01.85- 01.86	110233	14	63				
	01.85- 01.85	110499	14	100/105				
01.85- 01.85	110471	14	94					
P35/P3500 7.4 Motor Home	01.94- 01.97	111090	14	105				
	01.74- 01.74	110505	14	75	01.74- 01.74	110216	12	1.4
PB1000 2.5	01.64- 01.65	110075	14	60				
PB1000 3.8	01.63- 01.63	110075	14	60				
PB15 3.8	01.66- 01.66	110075	14	60				
PB15 4.1	01.66- 01.66	110075	14	60				
PB15 4.8	01.66- 01.66	110075	14	60				
PB25 3.8	01.66- 01.66	110075	14	60				
PB25 4.1	01.66- 01.66	110075	14	60				
PB25 4.8	01.66- 01.66	110075	14	60				

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

GMC Continued

PB2500 3.8	01.63- 01.63	110075	14	60			
R1500 4.3	01.87- 01.87	110471	14	94	01.87- 01.87	110216	12 1.4
	01.87- 01.87	112640	14	100/105			
	01.87- 01.87	110500	14	100/105			
	01.87- 01.87	110233	14	63			
R1500 5.0	01.87- 01.87	110500	14	100/105	01.87- 01.87	110216	12 1.4
	01.87- 01.87	112640	14	100/105			
	01.87- 01.87	110471	14	94			
	01.87- 01.87	110505	14	75			
R1500 5.0 Suburban	01.87- 01.87	110471	14	94	01.87- 01.87	110216	12 1.4
	01.87- 01.87	112640	14	100/105			
	01.87- 01.87	110500	14	100/105			
	01.87- 01.87	110505	14	75			
R1500 5.7	01.87- 01.87	110471	14	94	01.87- 01.87	110216	12 1.4
	01.87- 01.87	110984	14	100/105			
	01.87- 01.87	110505	14	75			
	01.87- 01.89	112629	14	100/105			
R1500 5.7 Suburban	01.87- 01.91	110505	14	75	01.87- 01.91	110216	12 1.4
	01.87- 01.91	110471	14	94			
	01.87- 01.91	110984	14	100/105			
	01.87- 01.89	112629	14	100/105			
R1500 6.2	01.87- 01.87	110233	14	63			
	01.87- 01.87	110471	14	94			
	01.87- 01.87	110505	14	75			
R1500 6.2 Suburban	01.91- 01.91	110984	14	100/105	01.91- 01.91	112341	12 2.5
	01.87- 01.90	110233	14	63			
	01.87- 01.90	110471	14	94			
	01.87- 01.90	110505	14	75			
R2500 4.3	01.87- 01.87	110471	14	94	01.87- 01.87	110216	12 1.4
	01.87- 01.87	112640	14	100/105			
	01.87- 01.87	110500	14	100/105			
	01.87- 01.87	110233	14	63			
R2500 4.8	01.87- 01.88	110505	14	75	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110508	14	78			
R2500 5.0	01.87- 01.87	110500	14	100/105	01.87- 01.87	110216	12 1.4
	01.87- 01.87	112640	14	100/105			
	01.87- 01.87	110505	14	75			
	01.87- 01.87	110471	14	94			
R2500 5.7	01.87- 01.89	110984	14	100/105	01.87- 01.89	110216	12 1.4
	01.87- 01.89	110471	14	94			
	01.87- 01.89	110505	14	75			
	01.87- 01.89	112629	14	100/105			
R2500 5.7 Suburban	01.87- 01.91	110471	14	94	01.87- 01.91	110216	12 1.4
	01.87- 01.91	110984	14	100/105			
	01.87- 01.91	110505	14	75			
	01.87- 01.89	112629	14	100/105			
R2500 6.2	01.87- 01.89	110471	14	94			
	01.87- 01.89	110233	14	63			
	01.87- 01.89	110505	14	75			
R2500 6.2 Suburban	01.87- 01.90	110233	14	63	01.91- 01.91	112341	12 2.5
	01.87- 01.90	110471	14	94			
	01.87- 01.90	110505	14	75			
	01.91- 01.91	110984	14	100/105			
R2500 7.4	01.87- 01.89	110471	14	94	01.87- 01.89	110216	12 1.4
	01.87- 01.89	110233	14	63			
	01.87- 01.89	110505	14	75			
R2500 7.4 Suburban	01.88- 01.91	110984	14	100/105	01.87- 01.91	110216	12 1.4
	01.87- 01.91	110471	14	94			
	01.87- 01.91	110233	14	63			
	01.87- 01.91	110505	14	75			
R3500 4.8	01.87- 01.88	110508	14	78	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110505	14	75			
R3500 5.7	01.87- 01.91	110471	14	94	01.87- 01.91	110216	12 1.4
	01.87- 01.91	110984	14	100/105			
	01.87- 01.91	110505	14	75			
	01.87- 01.89	112629	14	100/105			
R3500 6.2	01.91- 01.91	110984	14	100/105	01.91- 01.91	112341	12 2.5
	01.87- 01.90	110233	14	63			
	01.87- 01.90	110471	14	94			
	01.87- 01.90	110505	14	75			
R3500 7.4	01.87- 01.91	110233	14	63	01.87- 01.91	110216	12 1.4
	01.87- 01.91	110471	14	94			
	01.87- 01.91	110505	14	75			
S15 1.9	01.82- 01.85	110505	14	75			
S15 1.9 Jimmy	01.83- 01.84	110505	14	75			
S15 2.0	01.83- 01.84	110233	14	63			
	01.83- 01.84	110471	14	94			
	01.83- 01.84	110505	14	75			
S15 2.0 Jimmy	01.83- 01.84	110233	14	63			
	01.83- 01.84	110471	14	94			
	01.83- 01.84	110505	14	75			
S15 2.2	01.84- 01.85	110471	14	94	01.84- 01.85	111683	12 2.0
	01.84- 01.85	110508	14	78			
S15 2.5	01.85- 01.90	110505	14	75			
	01.85- 01.90	110471	14	94			
S15 2.5 Jimmy	01.85- 01.88	110505	14	75			
	01.85- 01.88	110471	14	94			
S15 2.8	01.82- 01.85	110505	14	75	01.84- 01.90	111034	12 1.2
	01.84- 01.85	110471	14	94			
S15 2.8 Jimmy	01.83- 01.85	110505	14	75	01.84- 01.89	111034	12 1.2
	01.83- 01.85	110471	14	94			
S15 4.3	01.88- 01.90	110500	14	100/105	01.88- 01.90	111034	12 1.2
	01.88- 01.90	112338	14	105			

## STARTERS & ALTERNATORS



S15 4.3 Jimmy	01.91- 01.94	110500	14	100/105	01.88- 01.94	111034	12	1.2
	01.93- 01.94	112639	14	100/105				
	01.91- 01.94	110985	14	100/105				
	01.88- 01.90	112338	14	105				
Safari 2.5	01.85- 01.90	110505	14	75	01.85- 01.90	110221	12	1.2
	01.85- 01.90	110471	14	94				
Safari 4.3	01.85- 01.85	110233	14	63	01.99- 01.03	112241	12	1.5
	01.85- 01.85	110471	14	94				
	01.85- 01.85	110505	14	75				
	01.98- 12.00	112665	14	100				
	01.94- 01.94	111223	14	105				
	01.93- 01.94	112639	14	100/105				
	01.90- 01.94	111711	14	105				
	01.87- 01.89	112337	14	105				
Safari 4.3 XT	01.01- 01.03	112850	14	105	01.90- 01.92	110216	12	1.4
	01.94- 01.94	111223	14	105				
	01.93- 01.96	112639	14	100/105				
	01.90- 01.96	111711	14	105				
Savana 4.3 1500	01.96- 01.00	112893	14	140	01.99- 01.02	112241	12	1.5
	01.01- 01.02	112853	14	130				
Savana 4.3 2500	01.99- 01.00	112893	14	140	01.99- 01.00	112912	12	1.6
	01.03-	112853	14	130				
Savana 5.0 1500	01.01- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
	01.97- 01.00	112893	14	140				
Savana 5.0 2500	01.01- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
	01.99- 01.00	112893	14	140				
Savana 5.3 1500	01.03-	112853	14	130				
Savana 5.3 2500	01.03-	112853	14	130				
Savana 5.7 1500	01.99- 01.01	112893	14	140	01.99- 01.02	112240	12	1.7
	01.02- 01.02	112853	14	130				
Savana 5.7 2500	01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
	01.99- 01.01	112893	14	140				
Savana 5.7 3500	01.02- 01.02	112853	14	130	01.99- 01.02	112240	12	1.7
	01.99- 01.01	112893	14	140				
Savana 6.0 2500	01.03-	112853	14	130				
Savana 6.0 3500	01.03-	112853	14	130				
Savana 6.5 Turbo 2500 [L65]	01.01-	112853	14	130				
	01.96- 12.99	112893	14	140				
Savana 6.5 Turbo 3500 [L65]	01.99- 01.02	112893	14	140				
Savana 7.4 3500	01.99- 01.00	112893	14	140	01.99- 01.00	112240	12	1.7
Savana 8.1 3500	01.01- 01.02	112853	14	130	01.01- 01.02	112240	12	1.7
Savana 2500 4.3	01.96-	111712	14	105				
Sierra 4.3	01.96-	111712	14	105				
Sierra 4.3 1500	01.99- 01.03	112853	14	130	01.00- 01.02	112241	12	1.5
	01.99- 01.02	112850	14	105				
Sierra 4.3 AWD	01.96-	111712	14	105	01.99- 01.99	111034	12	1.2
Sierra 4.8 1500	01.99- 01.03	112853	14	130	01.99- 01.03	112902	12	1.2
	01.99- 01.02	112850	14	105				
Sierra 5.3 1500	01.99- 01.03	112853	14	130	01.99- 01.03	112902	12	1.2
	01.99- 01.02	112850	14	105				
Sierra 5.3 2500	01.99- 01.00	112853	14	130	01.99- 01.00	112902	12	1.2
	01.99- 01.00	112850	14	105				
Sierra 5.3 1500	01.02-	112853	14	130				
	01.02-	112850	14	105				
Sierra 6.0 1500 HD	01.01- 01.03	112853	14	130	01.01- 01.03	112906	12	1.7
	01.01- 01.02	112850	14	105				
Sierra 6.0 1500 HD SLE	01.05-	112853	14	130	01.05-	112240	12	1.7
Sierra 6.0 1500 HD SLT	01.05-	112853	14	130	01.05-	112240	12	1.7
Sierra 6.0 2500	01.99- 01.03	112853	14	130	01.99- 01.03	112240	12	1.7
	01.99- 01.02	112850	14	105				
	01.03- 01.03	112906	12	1.7				
Sierra 6.0 2500 HD	01.00- 01.02	112898	12	1.6				
	01.01- 01.03	112240	12	1.7				
Sierra 6.0 3500	01.01- 01.02	112850	14	105	01.01- 01.03	112906	12	1.7
	01.01- 01.03	112853	14	130				
Sierra 6.0 C3	01.01- 01.03	112853	14	130	01.01- 01.03	112906	12	1.7
	01.01- 01.02	112850	14	105				
Sierra 6.0 Denali	01.01- 01.01	112853	14	130	01.01- 01.01	112240	12	1.7
	01.01- 01.01	112850	14	105				
Sierra 6.0 2500	01.02- 01.03	112853	14	130	01.02- 01.03	112240	12	1.7
	01.02- 01.03	112850	14	105				
Sierra 6.6 Turbo 2500 HD	01.01- 01.03	112853	14	130	01.01- 01.03	112906	12	1.7
	01.01- 01.02	112850	14	105				
Sierra 6.6 Turbo 3500	01.01- 01.03	112853	14	130	01.01- 01.03	112906	12	1.7
	01.01- 01.02	112850	14	105				
Sierra 8.1 2500 HD	01.01- 01.03	112853	14	130	01.01- 01.02	112240	12	1.7
	01.01- 01.02	112850	14	105				
Sierra 8.1 3500	01.01- 01.03	112853	14	130	01.01- 01.02	112240	12	1.7
	01.01- 01.02	112850	14	105				
Sierra 1500 6.0 CLASSIC SLE	01.07-	112240	12	1.7				
Sierra 1500 6.0 CLASSIC SLT	01.07-	112240	12	1.7				
Sierra 1500 6.0 SLE [L76]	01.07-	112240	12	1.7				
	01.06-	112240	12	1.7				
Sierra 1500 6.0 SLT [L76]	01.07-	112240	12	1.7				
	01.06-	112240	12	1.7				
SIERRA 1500 HD 6.0 Classic SLE	01.07-	112240	12	1.7				
SIERRA 1500 HD 6.0 Classic SLT	01.07-	112240	12	1.7				
SIERRA 1500 HD 6.0 SLE	01.06-	112240	12	1.7				
SIERRA 1500 HD 6.0 SLT	01.06-	112240	12	1.7				
SIERRA 2500 6.0	01.02-	112240	12	1.7				
SIERRA 2500 6.0	01.02-	112240	12	1.7				
SIERRA 2500 HD 6.0 Classic SL	01.07-	112240	12	1.7				
SIERRA 2500 HD 6.0 Classic SLE	01.07-	112240	12	1.7				
SIERRA 2500 HD 6.0 Classic SLT	01.07-	112240	12	1.7				
SIERRA 2500 HD 6.0 Classic WT	01.07-	112240	12	1.7				
SIERRA 2500 HD 6.0 SL	01.06-	112240	12	1.7				

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





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Sierra 2500 HD 6.0 SLE					01.06-	112240	12	1.7
Sierra 2500 HD 6.0 SLT					01.06-	112240	12	1.7
Sierra 2500 HD 6.0 WT					01.06-	112240	12	1.7
Sierra 2500 HD 6.0					01.02-	112240	12	1.7
Sierra 2500 HD 6.0					01.02-	112240	12	1.7
SIERRA 3500 6.0 Classic SL					01.07-	112240	12	1.7
SIERRA 3500 6.0 Classic SLE					01.07-	112240	12	1.7
SIERRA 3500 6.0 Classic SLT					01.07-	112240	12	1.7
SIERRA 3500 6.0 Classic WT					01.07-	112240	12	1.7
SIERRA 3500 6.0 SL					01.06-	112240	12	1.7
SIERRA 3500 6.0 SLE					01.06-	112240	12	1.7
SIERRA 3500 6.0 SLT					01.06-	112240	12	1.7
SIERRA 3500 6.0 WT					01.06-	112240	12	1.7
Sierra 3500 6.0					01.03-	112240	12	1.7
Sierra 3500 HD 6.0 SLE					01.07-	112240	12	1.7
Sierra 3500 HD 6.0 SLT					01.07-	112240	12	1.7
Sierra 3500 HD 6.0 WT					01.07-	112240	12	1.7
Sierra Denali 6.0					01.05-	112240	12	1.7
SIERRA DENALI 6.0 Classic					01.07-	112240	12	1.7
Sonoma 2.2	01.94- 01.98	112614	14	105	01.94- 01.98	112911	12	1.6
Sonoma 2.5	01.91- 01.93	110499	14	100/105				
	01.91- 01.93	112448	14	100				
	01.90- 01.93	112338	14	105				
Sonoma 2.8	01.90- 01.93	112338	14	105	01.91- 01.93	111034	12	1.2
Sonoma 2.8 GT					01.92- 01.92	111034	12	1.2
Sonoma 4.3	01.96-	111712	14	105	01.91- 01.03	112240	12	1.7
	01.93- 01.96	112639	14	100/105	01.98- 01.03	112241	12	1.5
	01.91- 01.95	110500	14	100/105	01.91- 01.95	111034	12	1.2
	01.94- 01.95	112613	14	105				
	01.91- 01.95	110985	14	100/105				
Sonoma 4.3 GT	01.92- 01.92	110500	14	100/105	01.92- 01.92	111034	12	1.2
Sprint 5.0	01.73-	110505	14	75				
	01.72-	110233	14	63				
	01.71-	110075	14	60				
Sprint 6.6	01.72-	110233	14	63				
	01.71-	110075	14	60				
Spsprint 4.1	01.72- 01.77	110505	14	75	01.75- 01.77	110216	12	1.4
	01.72- 01.72	110233	14	63				
	01.71- 01.71	110075	14	60				
Spsprint 4.1 Custom	01.72- 01.77	110505	14	75	01.75- 01.77	110216	12	1.4
	01.72- 01.72	110233	14	63				
Spsprint 5.0	01.77- 01.77	110505	14	75	01.77- 01.77	110216	12	1.4
Spsprint 5.0 Custom	01.77- 01.77	110505	14	75	01.77- 01.77	110216	12	1.4
Spsprint 5.7	01.72- 01.77	110505	14	75	01.72- 01.72	110216	12	1.4
	01.72- 01.72	110233	14	63	01.71- 01.72	111258	12	
	01.71- 01.71	110075	14	60				
Spsprint 5.7 Custom	01.72- 01.77	110505	14	75	01.72- 01.72	110216	12	1.4
	01.72- 01.72	110233	14	63	01.72- 01.72	111258	12	
Spsprint 6.6	01.74- 01.76	110505	14	75	01.76- 01.76	110216	12	1.4
Spsprint 6.6 Custom	01.74- 01.76	110505	14	75	01.76- 01.76	110216	12	1.4
Spsprint 7.4	01.73- 01.74	110505	14	75				
	01.93- 01.96	112639	14	100/105				
	01.71-	110075	14	60				
Spsprint 7.4 Custom	01.73- 01.75	110505	14	75				
	01.93- 01.96	112639	14	100/105				
	01.72-	110233	14	63				
Syclone 4.3 Turbo	01.91- 01.91	110985	14	100/105	01.91- 01.91	111034	12	1.2
Truck 4.7	01.91- 01.91	110500	14	100/105				
	01.55- 01.55	110505	14	75				
Truck 5.5	01.58- 01.59	110505	14	75				
Truck 5.7	01.57- 01.57	110505	14	75				
Typhoon 4.3 Turbo	01.92- 01.93	110500	14	100/105	01.92- 01.93	111034	12	1.2
	01.93- 01.93	112639	14	100/105				
V1500 4.3	01.87- 01.87	110500	14	100/105	01.87- 01.87	110216	12	1.4
	01.87- 01.87	112640	14	100/105				
	01.87- 01.87	110471	14	94				
	01.87- 01.87	110233	14	63				
V1500 5.0	01.87- 01.87	112640	14	100/105	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110500	14	100/105				
	01.87- 01.87	110471	14	94				
	01.87- 01.87	110505	14	75				
V1500 5.7	01.87- 01.87	110505	14	75	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110984	14	100/105				
	01.87- 01.87	110471	14	94				
	01.87- 01.89	112629	14	100/105				
V1500 5.7 Suburban	01.91- 01.91	112338	14	105	01.87- 01.90	110216	12	1.4
	01.91- 01.91	110500	14	100/105				
	01.87- 01.89	112629	14	100/105				
	01.87- 01.90	110471	14	94				
	01.87- 01.90	110984	14	100/105				
V1500 6.2	01.87- 01.87	110233	14	63				
	01.87- 01.87	110471	14	94				
	01.87- 01.87	110505	14	75				
V1500 6.2 Suburban	01.91- 01.91	110984	14	100/105				
	01.87- 01.90	110233	14	63				
	01.87- 01.90	110471	14	94				
	01.87- 01.90	110505	14	75				
V2500 4.8	01.87- 01.87	110505	14	75	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110508	14	78				
V2500 5.7	01.87- 01.87	110984	14	100/105	01.87- 01.87	110216	12	1.4
	01.87- 01.87	110471	14	94				
	01.87- 01.87	110505	14	75				
	01.87- 01.89	112629	14	100/105				

## STARTERS & ALTERNATORS



V2500 5.7 Suburban	01.91- 01.91	110500	14 100/105	01.87- 01.90	110216	12 1.4
	01.91- 01.91	112338	14 105			
	01.87- 01.89	112629	14 100/105			
	01.87- 01.90	110505	14 75			
	01.87- 01.90	110471	14 94			
	01.87- 01.90	110984	14 100/105			
V2500 6.2	01.87- 01.87	110233	14 63			
	01.87- 01.87	110471	14 94			
	01.87- 01.87	110505	14 75			
V2500 6.2 Suburban	01.91- 01.91	110984	14 100/105			
	01.87- 01.90	110471	14 94			
	01.87- 01.90	110233	14 63			
	01.87- 01.90	110505	14 75			
V3500 4.8	01.87- 01.88	110505	14 75	01.87- 01.88	110216	12 1.4
	01.87- 01.88	110508	14 78			
V3500 5.7	01.87- 01.91	110505	14 75	01.87- 01.91	110216	12 1.4
	01.87- 01.91	110471	14 94			
	01.87- 01.91	110984	14 100/105			
	01.87- 01.89	112629	14 100/105			
V3500 6.2	01.91- 01.91	110984	14 100/105	01.91- 01.91	112341	12 2.5
	01.87- 01.90	110233	14 63			
	01.87- 01.90	110471	14 94			
	01.87- 01.90	110505	14 75			
V3500 7.4	01.87- 01.91	110471	14 94	01.87- 01.91	110216	12 1.4
	01.87- 01.91	110233	14 63			
	01.87- 01.91	110505	14 75			
Yukon 4.8	01.00- 01.03	112853	14 130	01.00- 01.02	112902	12 1.2
	01.00- 01.02	112850	14 105			
Yukon 5.3	01.00- 01.03	112853	14 130	01.00- 01.02	112902	12 1.2
	01.00- 01.02	112850	14 105			
Yukon 5.3 XL 1500	01.00- 01.03	112853	14 130	01.00- 01.03	112902	12 1.2
Yukon 5.3 XL 2500	01.00- 01.00	112853	14 130	01.00- 01.00	112902	12 1.2
Yukon 5.3	01.02- 01.03	112853	14 130	01.02- 01.02	112902	12 1.2
	01.02- 01.02	112850	14 105			
Yukon 5.3 XL 1500	01.02- 01.03	112853	14 130	01.02- 01.03	112902	12 1.2
	01.02- 01.02	112850	14 105			
Yukon 5.7	01.96- 01.00	112893	14 140	01.99- 01.00	112912	12 1.6
	01.96-	111712	14 105	01.92- 01.00	112240	12 1.7
	01.93- 01.96	112639	14 100/105	01.92- 01.94	110216	12 1.4
	01.92- 01.95	110500	14 100/105			
	01.92- 01.94	112338	14 105			
Yukon 5.7 Denali	01.99- 01.00	112893	14 140	01.99- 01.00	112240	12 1.7
				01.99- 01.00	112912	12 1.6
Yukon 5.7 SLE				01.99-	112240	12 1.7
Yukon 5.7 SLT				01.99-	112240	12 1.7
Yukon 6.0 Denali	01.01-	112853	14 130			
	01.02-	112850	14 105			
Yukon 6.0 Denali XL	01.01-	112853	14 130			
	01.01-	112850	14 105			
Yukon 6.0 XL 2500	01.00- 01.03	112853	14 130	01.00- 01.03	112906	12 1.7
	01.00- 01.03	112850	14 105			
Yukon 6.0 XL 2500 SLE	01.05-	112853	14 130			
Yukon 6.0 XL 2500 SLT	01.05-	112853	14 130			
Yukon 6.5 Turbo	01.99- 01.99	112893	14 140	01.94- 01.99	112341	12 2.5
	01.94- 01.97	110500	14 100/105			
	01.96-	111712	14 105			
	01.94- 01.96	112639	14 100/105			
Yukon 8.1 XL 2500	01.01- 01.03	112853	14 130	01.01- 01.02	112240	12 1.7
Yukon 8.1 XL 2500 SLE	01.05-	112853	14 130			
Yukon 8.1 XL 2500 SLT	01.05-	112853	14 130			
2.2				01.99- 01.00	112900	12 1.4
2.2				01.00- 01.02	112900	12 1.4
3.8	01.63- 01.67	110075	14 60			
4.1	01.66- 01.67	110075	14 60			
4.3	01.98- 01.00	112665	14 100	01.99- 01.02	112241	12 1.5
				01.99- 01.02	112240	12 1.7
4.8	01.66- 01.67	110075	14 60			
5.0	01.76- 01.76	110505	14 75	01.76- 01.76	110216	12 1.4
5.0 Custom	01.76- 01.76	110505	14 75	01.76- 01.76	110216	12 1.4
5.4	01.67- 01.67	110075	14 60			
<b>PASSENGER CARS AO</b>						
Jimmy 4.3 4x4	01.93- 01.96	112639	14 100/105			
Suburban 5.7	[L05]	01.96-	111712	14 105		
Suburban 6.5 TDi	[L56]	01.96-	111712	14 105		
Suburban 6.5 TDi AWD	[L56]	01.96-	111712	14 105		
<b>Gmeinder</b>						
<b>MISCELLANEOUS</b>						
Various models				01.71- 12.80	110531	24 6.6
<b>Goldoni</b>						
<b>AGRICULTURE</b>						
25 1.0 Diesel	[12LD475]	11.90- 12.91	111662	14 33	11.90- 12.91	112034 12 1.7
35 1.3 Diesel	[8LD665.2]	03.91-	111662	14 33		
50 1.9 Diesel	[11LD626]	11.90-	111662	14 33		
60 2.0 Diesel	[VM-RA 394]	11.90-	110077	14 50		
		11.90-	110641	14 33		
149 0.6	[RF140]				06.84- 06.99	112034 12 1.7
238 1.6 Diesel		01.77-	111662	14 33		
245 1.9 Diesel	[11LD 625.3]	01.89-	111662	14 33		
718 0.7	[7LD665]				01.74- 06.82	113268 12 1.6
938 1.7 Diesel	[5LD 825.2]	09.88- 04.90	111662	14 33		
1038 1.7 Diesel		01.80- 12.85	111662	14 33		
1055 1.8 Diesel	[VM-RA 394]	03.87- 04.90	110641	14 33		
3050 1.8 Diesel	[VM-RA 394]	04.86- 06.91	110641	14 33		
3050 2.1 Diesel	[VM-HR 394]	06.91-	112768	14 55		
3070 2.1 Diesel	[VM-HR 394]	06.91-	112768	14 55		
	[VM-RA 394]	06.90- 06.91	110641	14 33		

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O.E.M. names and numbers are used for reference purposes only.



**GOLDONI Continued**

3445 1.9 Diesel	[11LD 625.3]	10.88-	111662	14 33					
40 B 1.6 Diesel	[11LD 535.3]	06.91-	111662	14 33					
50 B 1.9 Diesel	[11LD 626.3]	06.91-	111662	14 33					
55 B 2.0 Diesel	[VM-HR 394HP]	09.91-	112768	14 55					
933 DT 1.3 Diesel	[8LD665.2]	09.88-	111662	14 33					
945 DT 1.9 Diesel	[11LD 625.3]	04.90-	111662	14 33					
945 RS 1.9 Diesel	[11LD 625.3]	04.90-	111662	14 33					
Cingolato C45 2.0 Diesel	[VM-RA 394]	04.91-	110641	14 33					
		04.91-	112768	14 55					
Cingolato C60 3.0 Diesel	[VM-SUN 3105]	04.91-	110641	14 33					
		04.91-	112768	14 55					
FC90D 0.4	[6LD..]				04.91- 02.92	112034	12 1.7		
Various models					01.74- 06.82	113268	12 1.6		
						113381	12 2.5		
						112171	12 1.1		
						116013	12 1.8		
						115470	12 1.8	A49	
						115423	12 3.0		
					01.74-	112034	12 1.7		
					04.82-	110813	12 2.7		
					06.91-	110844	12 2.2		
<b>Grasshopper</b>									
<b>AGRICULTURE</b>									
722d	[Kubota]					114686	12 1.3		
<b>INDUSTRY</b>									
722d	[Kubota]					114686	12 1.3		
<b>Gravely</b>									
<b>AGRICULTURE</b>									
						114674	12 0.6		
<b>Great Wall</b>									
<b>PASSENGER CARS AO</b>									
Steed 5 Pick-Up 2.4	[4G69S4N]				01.12-	110811	12 1.2		
Steed 5 Pick-Up 2.4 4x4	[4G69S4N]				01.12-	110811	12 1.2		
<b>Halla</b>									
<b>FORK LIFTS</b>									
Various Forklift	[Perkins]					115674	24 5.0		
<b>Hanomag</b>									
<b>INDUSTRY</b>									
22C 4.1					02.80- 12.95	112670	24 4.0		
33C 5.8	[A6.354.4]				07.80- 07.95	112670	24 4.0		
44 C 7.2	[D943..]				02.80- 07.92	111003	24 5.4		
55C 10.8	[D963B]				01.81- 03.96	111003	24 5.4		
55C 9.5	[D962B]				02.80- 03.96	111003	24 5.4		
600 D 9.5	[D962K]				02.80- 03.96	111003	24 5.4		
66 C 10.8 Turbo	[D963A..]				02.80- 03.96	111003	24 5.4		
700 D 10.8 Turbo	[D963A..]				04.80- 03.96	111003	24 5.4		
77 C 10.8 Turbo	[D963A..]				02.80- 03.96	111003	24 5.4		
<b>Harley Davidson</b>									
<b>MOTOR BIKES</b>									
Various models 1.0					01.79- 01.84	111919			
Various models 1.2					01.75- 01.80	111836	12 0.8		
Various models 1.3					01.94- 01.06	111839	12 1.2		
					01.89- 01.90	111837	12 1.0		
					01.79- 01.88	111836	12 0.8		
Various models 1.4					01.94- 01.06	111839	12 1.2		
					01.94-	114688	12 2.0		
<b>Hattat Tarim</b>									
<b>AGRICULTURE</b>									
A-Series						113655	12 3.0	MA	
						114388	12 3.2	IS	
<b>Hatz</b>									
<b>MARINE</b>									
Various models					06.81-	112173	12 2.7		
						114677	12 2.0		
<b>MOTORS</b>									
Engine 0.3	[1D20]				04.89-	114106	12 1.6		
Engine 0.4	[1D30]				04.89-	114106	12 1.6		
	[1D40]				04.89-	114106	12 1.6		
Engine	[1D81]					113982	12 2.0		
Stationnaires 0.5 74	[1D60]				04.89- 08.90	112040	12 1.5		
Stationnaires 0.6	[E785]				01.60- 12.79	112542	12 1.35		
	[E785]				01.60- 12.79	112542	12 1.35		
Stationnaires 0.7 73	[1D80]				04.89- 08.90	112040	12 1.5		
Stationnaires 1.4	[2L30..]				03.77- 12.89	112173	12 2.7		
Stationnaires 2.3			111226	14 55					
Stationnaires 2.4			111226	14 55					
Stationnaires 2.8 50	[4L30C]				03.77- 02.89	112173	12 2.7		
Stationnaires 2.8 51	[4L30S]				03.77- 02.89	112173	12 2.7		
Stationnaires 3.3			111226	14 55					
Stationnaires 4.3			111226	14 55					
Stationnaires	[2G30]				01.87-	112034	12 1.7		
	[2G40]				03.89-	112034	12 1.7		
Various models						114677	12 2.0		
						114398	24 4.0		
						115324	12 1.9		
						114117	12 1.0		
						114276	12 1.0		
<b>Hillman</b>									
<b>PASSENGER CARS EU</b>									
Various models					01.64- 01.73	111103	12 0.8		
<b>Hino</b>									
<b>TRUCKS EU</b>									
EM100 Diesel						114344	24 6.0		
EP100 Diesel						114344	24 6.0		
FD1J	[J07C]				01.99-	114436	24 5.0		
FE1J	[J06C]					114436	24 5.0		

**STARTERS & ALTERNATORS**



	[J07C]				01.99-	114436	24	5.0
KK-FC1	[J06C]				01.99-	114436	24	5.0
Trucks Diesel	[750]	01.89-	114423	28 55		114345	24	6.0
Trucks Diesel 12.9	[K13C]					114345	24	6.0
	[K13D]					114345	24	6.0
Trucks Diesel 13.3	[EK100]	01.89-	114414	28 55		114345	24	6.0
Trucks Diesel 16.3	[EF550]	01.89-	114414	28 55		114345	24	6.0
Trucks Diesel 19.7	[F20C]					114345	24	6.0
Trucks Diesel 6.0	[W06E]	01.89-	114423	28 55	01.89-	114441	24	5.5
Trucks Diesel 7.4	[H07D]	01.89-	114423	28 55				
Trucks Diesel 8.0	[J08C]	01.89-	114423	28 55				
Various models					01.84-	114017	24	5.5
					01.84-	114337	24	4.5
					01.84-	114421	24	6.0
<b>TRUCKS AO</b>								
EM100 Diesel						114344	24	6.0
EP100 Diesel						114344	24	6.0
Various models					01.84-	114017	24	5.5
					01.84-	114337	24	4.5
					01.84-	114421	24	6.0
<b>MOTORS</b>								
Various models	[W04]					113130	24	4.5
	[W06]					113130	24	4.5
<b>Hitachi</b>								
<b>AGRICULTURE</b>								
Zaxis 135US	[4BG1TC]					114324	24	4.5
Zaxis 200 Forester	[6BG1T]	01.99-	113886	28 50				
Zaxis 250 Forester	[6BG1T]	01.99-	113886	28 50				
<b>INDUSTRY</b>								
Various models			115633	28 40				
ZAX15	[Isuzu 4HK1/ I4HK1T]					114659	24	5.0
ZX200-3	[Isuzu 4HK1/ I4HK1T]					114659	24	5.0
ZX230	[Isuzu 4HK1/ I4HK1T]					114659	24	5.0
ZX240	[Isuzu 4HK1/ I4HK1T]					114659	24	5.0
<b>Holden</b>								
<b>PASSENGER CARS AO</b>								
Astra 1.8	[Z18XER]	04.07-	114431	14 120				
Astra 2.0 Turbo	[Z20LET]	06.02-	112416	14 100	06.02-	111848	12	1.0
		06.02-	115619	14 120				
Captiva 3.2 AWD		12.08-	114235	14 120				
Captiva 3.2 Executive 4WD		12.06-	114235	14 120				
Commodore 5.0		10.90- 08.97	114413	14 85				
Vectra 2.2	[Z22SE]	04.02-	112416	14 100				
		04.02-	115619	14 120				
Zafira 2.2	[Z22SE]	07.00- 02.06	113352	14 120				
<b>Honda</b>								
<b>PASSENGER CARS EU</b>								
Accord 1.6 i	[D16B6]	10.98-	112073	14 80				
Accord 1.8 i	[F18A3]				AT 02.96-	111442	12	1.4
					02.96-	112214	12	1.6
	[F18B2]	10.98-	112073	14 80	10.98-	112217	12	1.0
Accord 2.0	[F20B3]				09.93- 12.97	112214	12	1.6
	[F20B6]	12.99-	112073	14 80				
	[K20A6]	AC 02.03-	114272	14 100	02.03-	113821	12	1.6
	[R20A3]	07.08-	115836*	14 105	07.08-	114389	12	1.1
Accord 2.0 4WD	[K20A6]	02.03-	114272	14 100				
Accord 2.0 16V	[F20A2]				01.90-	112214	12	1.6
	[F20A6]				01.90-	112214	12	1.6
Accord 2.0 i 16V	[B20A8]	10.87- 12.89	111578	14 60				
	[F20A4]				01.90-	112214	12	1.6
	[F20A7]				01.92- 09.93	112214	12	1.6
	[F20A8]				01.90- 02.93	112214	12	1.6
	[F20Z1]				AT 03.93-	111442	12	1.4
					03.93-	112214	12	1.6
	[F20Z3]				03.93-	112214	12	1.6
Accord 2.0 i	[F20B3]				09.93- 02.98	112214	12	1.6
	[F20B5]	02.98-	112073	14 80				
	[F20B6]	10.98-	112073	14 80	10.98-	112217	12	1.0
	[F20Z2]				03.93-	112214	12	1.6
	[R20A4]	07.08-	115836*	14 105	07.08-	114389	12	1.1
Accord 2.0 i LS	[F20Z1]				AT 02.96-	111442	12	1.4
Accord 2.0 TD	[20T2N]	02.99-	112073	14 80				
Accord 2.0 TDi	[20T2N]				04.96- 10.00	113361	12	1.7
Accord 2.2 Type-R	[H22A7]	09.98-	112073	14 80				
Accord 2.2 i 16V	[F22A3]				01.90-	112214	12	1.6
	[F22A7]				01.91-	112214	12	1.6
	[F22A8]				01.91- 12.93	112214	12	1.6
Accord 2.2 i	[F22B5]				09.93- 02.98	112214	12	1.6
Accord 2.2 i-VTEC	[F22Z2]				AT 02.96-	111442	12	1.4
Accord 2.2 DTDi	[N22A1]	01.04-	114208	14 120	01.04-	115327	12	2.0
Accord 2.2 i-DTEC	[N22B1]	07.08-	115983*	14 130	07.08-	115779*	12	
	[N22B2]	07.08-	115983*	14 130	07.08-	115779*	12	
Accord 2.3	[F23A1]	01.01- 12.02	112073	14 80				
	[F23Z5]	11.00-	112073	14 80				
Accord 2.3 i	[H23A3]				AT 03.93-	111442	12	1.4
					03.93-	112214	12	1.6
Accord 2.4	[K24A]	AC 02.03-	114272	14 100	02.03- 01.05	113821	12	1.6
	[K24A3]	02.03-	114272	14 100	02.03-	113821	12	1.6
Accord 2.4 Euro	[K24A3]	06.03-	114272	14 100				
Accord 2.4 VTEC	[K24A8]	04.06- 07.08	114272	14 100				
Accord 3.0 V6 24V	[J30A1]				02.98- 01.02	113392	12	1.6
Civic 1.2	[D12B1]	12.83- 10.87	110927	14 55	12.83- 10.87	110312	12	1.0
					01.85- 10.87	111442	12	1.4
	[ZA2]	12.83- 10.87	110927	14 55	12.83- 10.87	110312	12	1.0
Civic 1.3	[D13B1]	10.87- 12.89	111578	14 60	10.87- 12.89	110312	12	1.0
	[D13B2]	10.87- 09.91	111578	14 60	10.87- 09.91	110312	12	1.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**HONDA** Continued

	[EV2]	10.83- 10.87	110927	14 55		10.83- 10.87	110312	12 1.0	
						10.83- 10.87	111442	12 1.4	
Civic 1.3 16V	[D13B2]					10.91-	110312	12 1.0	
Civic 1.4	[D14A1]	10.87- 09.91	111578	14 60		10.87- 09.91	110312	12 1.0	
	[D14Z5]	02.01- 09.05	113954	14 70		02.01- 09.05	114816	12 0.8	
	[L13A7]	01.06-	114841	14 80		01.06-	115598	12 0.7	
Civic 1.4 16V	[D14A2]	01.95- 04.97	112349	14 70		01.95- 04.97	110312	12 1.0	
	[D14A7]					04.98-	112217	12 1.0	
	[D14A8]					04.98-	112217	12 1.0	
	[D14A1]					10.87- 09.91	110312	12 1.0	
Civic 1.4 i 16V	[D14Z5]	02.01- 09.05	113954	14 70		02.01- 09.05	111442	12 1.4	
Civic 1.4 i S S	[D14Z5]					02.01- 09.05	114816	12 0.8	
	[D14Z6]	02.01- 09.05	113954	14 70		02.01- 09.05	111442	12 1.4	
Civic 1.4 i	[D14A2]					02.01- 09.05	114816	12 0.8	
	[D14A3]	11.95-	112349	14 70		09.94- 01.97	111442	12 1.4	
	[D14A4]	11.95- 02.01	112349	14 70		11.95- 02.01	110249	12 0.8	
						11.95- 02.01	110312	12 1.0	
	[D14A5]	09.95- 02.01	112349	14 70		09.95- 02.01	111442	12 1.4	
	[D14A6]					09.94- 01.97	111442	12 1.4	
	[D14A7]	09.95- 02.01	112349	14 70		09.95- 02.01	111442	12 1.4	
	[D14A8]					09.94- 01.97	111442	12 1.4	
	[D14Z1]					11.95- 02.01	110249	12 0.8	
	[D14Z2]	11.95-	112349	14 70		11.95- 02.01	110249	12 0.8	
						11.95- 02.01	110312	12 1.0	
	[D14Z3]	11.95-	112349	14 70		09.95- 01.97	111442	12 1.4	
	[D14Z4]	11.95- 02.01	112349	14 70		09.94- 01.97	111442	12 1.4	
						11.95- 02.01	110249	12 0.8	
						11.95- 02.01	110312	12 1.0	
		[D14Z6]	02.01- 09.05	113954	14 70		02.01- 09.05	114816	12 0.8
	Civic 1.5	[EW2]	10.83- 10.87	110927	14 55		10.83- 10.87	110312	12 1.0
Civic 1.5 4WD	[EW2]	01.85- 10.87	110927	14 55		01.85- 10.87	110312	12 1.0	
Civic 1.5 GL	[EW2]	10.83- 10.87	110927	14 55		10.83- 10.87	110249	12 0.8	
Civic 1.5 GT	[EW3]	01.85- 10.87	110927	14 55		10.83- 10.87	110312	12 1.0	
						01.85- 10.87	110249	12 0.8	
						01.85- 10.87	110312	12 1.0	
Civic 1.5 16V	[D15Z8]	07.97-	113035	14 75		01.85- 10.87	111442	12 1.4	
Civic 1.5 GTi	[EW4]	03.86- 10.87	110927	14 55		07.97-	112217	12 1.0	
						03.86- 10.87	110249	12 0.8	
						03.86- 10.87	110312	12 1.0	
Civic 1.5 i 16V	[D15B2]	10.87- 01.92	111578	14 60		03.86- 10.87	111442	12 1.4	
		10.91- 11.95	111285	14 70		10.87- 11.95	110312	12 1.0	
	[D15Z1]	10.91-	111285	14 70		10.91-	110312	12 1.0	
	[D15Z2]	10.91- 11.95	111285	14 70		10.91- 11.95	110312	12 1.0	
Civic 1.5 i	[D15B2]	10.88- 09.91	111578	14 60		AT 10.88- 09.91	111442	12 1.4	
		10.91-	111285	14 70		AT 10.88- 09.91	110312	12 1.0	
	[D15B7]	01.94-	111285	14 70		01.94-	110312	12 1.0	
	[D15Z1]	10.91-	111285	14 70		10.91-	110312	12 1.0	
	[D15Z3]					09.94- 01.97	111442	12 1.4	
	[D15Z6]					11.95-	110312	12 1.0	
Civic 1.6	[D16V1]	02.01- 09.05	113954	14 70		02.01- 09.05	115554	12 1.0	
	[D16Y6]	01.96- 04.00	112349	14 70		01.96- 04.00	111442	12 1.4	
	[D16Z9]	01.94-	111285	14 70		01.94- 01.96	111442	12 1.4	
Civic 1.6 16V	[D16A7]	09.87- 09.91	111578	14 60		09.87- 09.91	110312	12 1.0	
	[D16A9]					09.87- 09.91	110312	12 1.0	
	[D16B2]					01.97- 02.01	112217	12 1.0	
	[D16W4]					04.98- 02.01	112217	12 1.0	
	[D16Z6]	10.91-	111285	14 70		10.91-	111442	12 1.4	
	[D16Z7]					10.91- 11.95	110312	12 1.0	
						11.87- 09.91	110312	12 1.0	
Civic 1.6 16V 4x4	[D16A6]					10.91-	111442	12 1.4	
Civic 1.6 16V ESi	[D16Z6]	10.91-	111285	14 70		10.87- 09.91	110312	12 1.0	
Civic 1.6 i 16V	[D16A6]	10.89- 09.91	111578	14 60		10.87- 09.91	110312	12 1.4	
	[D16A7]	06.88- 09.91	111578	14 60		09.87- 09.91	110312	12 1.0	
	[D16Z2]	06.88- 09.91	111578	14 60		10.87- 09.91	110312	12 1.0	
Civic 1.6 i 16V 4WD	[D16A6]	01.88-	111578	14 60		01.88-	110312	12 1.0	
Civic 1.6 i 16V 4WD						12.89- 06.95	111442	12 1.4	
						01.88- 09.91	110312	12 1.0	
						12.89- 06.95	111442	12 1.4	
Civic 1.6 i	[D16V1]	02.01- 12.05	113954	14 70		02.01- 12.05	115554	12 1.0	
	[D16Y7]	01.94- 03.00	111285	14 70		01.94- 03.00	110312	12 1.0	
	[D16Z2]	06.88- 09.91	111578	14 60		10.87- 09.91	110312	12 1.0	
Civic 1.6 i GL	[D16A6]	06.88- 09.91	111578	14 60		10.87- 09.91	110312	12 1.0	
Civic 1.6 i LS	[D16Y3]					09.94- 01.97	111442	12 1.4	
Civic 1.6 i SR	[D16Y2]					09.94- 01.97	111442	12 1.4	
Civic 1.6 i-VTEC	[B16A1]					10.87- 09.91	110312	12 1.0	
	[D16Y6]	10.98- 02.01	111285	14 70		11.95- 02.01	110312	12 1.0	
	[D16Y8]	10.98- 03.00	111285	14 70		11.95- 02.01	110312	12 1.0	
Civic 1.6 i-DTEC	[N16A1]	02.13-	115983*	14 130		02.13-	115779*	12	
Civic 1.7	[D17A6]	02.01- 09.05	113954	14 70					
Civic 1.7 i	[D17A5]	05.01- 12.05	113954	14 70					
	[D17A8]	05.01- 12.05	113954	14 70					
	[D17A9]	05.01- 12.05	113954	14 70					
Civic 1.7 CTDi	[4EE-2]	01.02-	112271	14 100					
Civic 1.8	[R18A2]	01.06-	115661	14 90		01.06-	114389	12 1.1	
	[R18Z1]	11.10-	115661	14 90		11.10-	114389	12 1.1	
Civic 1.8 16V	[B18C4]					04.98-	112217	12 1.0	
Civic 2.0 Type R	[K20Z4]	09.06-	114272	14 100					
Civic 2.0 i Sport	[K20A3]					01.04- 09.05	115637	12 1.0	
Civic 2.0 Diesel	[20T2N]					04.98- 02.01	113361	12 1.7	
						04.98- 02.01	113928	12 1.7	
	[20T2R]					01.97- 02.01	113928	12 1.7	
Civic 2.0 TDic	[20T2N]	04.98- 02.01	114386	14 90		04.98- 02.01	113361	12 1.7	
						04.98- 02.01	113928	12 1.7	
Civic 2.2 CTDi	[N22A2]	01.06-	114208	14 120		01.06-	115627	12 2.0	
Civic 2.2 DTEC	[N22B4]	02.12-	115983*	14 130		02.12-	115779*	12	

## STARTERS & ALTERNATORS



Civic CRX 1.6 i 16V Targa	[D16Y8]	03.92-	111285	14	70	03.92-	111442	12	1.4
	[D16Z6]	03.92- 12.98	111285	14	70	03.92- 12.98	111442	12	1.4
Concerto 1.4	[D14A1]					10.89- 10.92	110312	12	1.0
Concerto 1.5 i 16V	[D15B2]	08.89- 03.95	111578	14	60	08.89- 03.95	110312	12	1.0
						AT 08.89- 03.95	111442	12	1.4
Concerto 1.6 16V	[D16Z1]	08.89- 03.95	111578	14	60	08.89- 03.95	110312	12	1.0
Concerto 1.6 i 16V	[D16A8]	08.89- 03.95	111578	14	60	08.89- 03.95	110312	12	1.0
	[D16Z2]	08.89- 03.95	111578	14	60	08.89- 03.95	110312	12	1.0
CR-V 1.6 i-DTEC	[N16A1]	10.13-	115983*	14	130				
CR-V 2.0	[K20A4]	01.02- 09.06	113712	14	90	07.02- 09.06	115637	12	1.0
CR-V 2.0 16V	[B20B]	10.95- 01.99	115865	14	95	01.95- 12.01	113629	12	1.2
						AT 10.95- 01.99	114226	12	1.1
	[B20Z1]	01.99- 02.02	115865	14	95	01.99-	113629	12	1.2
CR-V 2.0 i-VTEC	[R20A2]	01.07-	115836*	14	105	01.07-	114389	12	1.1
CR-V 2.2 CTDi	[N22A2]	02.05-	114208	14	120	02.05- 09.06	115327	12	2.0
						02.05- 09.06	115627	12	2.0
CR-V 2.2 DTEC 4WD	[N22B4]	10.12-	115983*	14	130				
CR-V 2.2 i CTDi	[N22A2]	01.07-	114208	14	120	01.07-	115627	12	2.0
		01.07-	115983*	14	130				
CR-V 2.2 i-DTEC	[N22B3]	01.07-	115983*	14	130	01.07-	115779*	12	
CR-V 2.4 i-VTEC 4x4	[K24Z1]	10.06-	114272	14	100				
CR-V 2.4 VTEC	[K24A1]	03.02- 09.06	113712	14	90	03.02- 09.06	115637	12	1.0
CR-V 2.4 VTEC 4WD	[K24Z1]	09.09-	114272	14	100				
	[K24Z4]	09.09-	114272	14	100				
CRX 1.5 i	[EW3]	10.83- 11.86	110927	14	55	10.83- 11.86	110249	12	0.8
CRX 1.6 i 16V	[D16A]					10.87- 05.88	110312	12	1.0
	[D16A6]					10.87- 05.88	110312	12	1.0
	[D16A9]	10.87- 02.92	111578	14	60	10.87- 02.92	110312	12	1.0
	[D16Z5]	10.87- 02.92	111578	14	60	10.87- 02.92	110312	12	1.0
CRX 1.6 i	[ZC1]	03.86- 10.87	110927	14	55	03.86- 10.87	110312	12	1.0
FR-V 1.7	[D17A2]	02.05-	113954	14	70				
FR-V 1.8	[R18A1]	01.07-	115661	14	90	01.07-	114389	12	1.1
FR-V 2.0	[K20A9]	02.05-	113712	14	90	02.05-	115637	12	1.0
FR-V 2.2 i CTDi	[N22A1]	07.05-	114208	14	120	07.05-	115327	12	2.0
Integra 1.5	[D15A1]	10.85- 08.89	110927	14	55	01.86- 01.88	110249	12	0.8
						01.86- 01.88	110312	12	1.0
						10.85- 08.89	111442	12	1.4
Integra 1.6	[D16A3]					01.86- 01.88	110249	12	0.8
						01.86- 01.88	110312	12	1.0
						03.86- 08.89	111442	12	1.4
Jazz 1.2	[L12A1]	03.02- 07.08	114841	14	80	03.02- 12.05	115362	12	0.7
						03.02- 07.08	115598	12	0.7
Jazz 1.2 45	[ER2]					02.84- 10.86	110312	12	1.0
Jazz 1.2 55	[ER4]					09.84- 10.86	110312	12	1.0
Jazz 1.2 56	[ER1]					10.83- 10.86	110312	12	1.0
Jazz 1.4	[L13A1]	03.02-	114841	14	80	03.02- 12.05	115362	12	0.7
						03.02-	115598	12	0.7
Legend 2.5 i	[C25A1]	01.86- 12.87	111578	14	60				
		01.88-	111609	14	70				
	[C25A2]	01.86- 12.87	111578	14	60				
Legend 2.7 i 24V	[C27A1]	01.88- 12.90	111609	14	70				
Logo 1.3 i	[D13B7]	03.99-	112349	14	70	03.99- 03.02	110249	12	0.8
		AT 03.99- 03.02	113035	14	75				
Mobilio 1.5		12.01- 10.08	114841	14	80				
Prelude 2.0	[B20A3]	A11 04.87- 01.92	111609	14	70				
	[B20A4]	A11 04.87- 01.92	111609	14	70				
Prelude 2.0 i 16V	[F20A4]					02.92-	112214	12	1.6 ND, MS
Prelude 2.0 i 16V EX	[B20A1]	A11 04.87- 01.92	111609	14	70				
	[B20A5]	A11 04.87- 01.92	111609	14	70				
	[B20A7]	A11 10.87- 12.90	111609	14	70				
	[B20A9]	A11 04.87- 01.92	111609	14	70				
Prelude 2.2 16V	[H22A2]					10.96- 10.00	113409	12	1.6
	[H22A5]					AT 10.96-	113409	12	1.6
Prelude 2.3 i 16V	[H23A2]					02.92-	112214	12	1.6 ND, MS
Shuttle 2.2 16V	[F22B8]					10.94- 02.98	113024	12	1.6
Shuttle 2.3 16V	[F23A7]					01.98- 05.01	113398	12	1.6
Stream 2.0 16V	[K20A1]	01.01-	113712	14	90	05.01-	115637	12	1.0
<b>PASSENGER CARS US</b>									
Accord 1.6	[EF1]	01.76- 01.78	110248	14	40				
Accord 1.6 LX	[EF1]	01.78- 01.78	110248	14	40				
Accord 1.8	[EK1]	01.79- 01.80	110248	14	40				
		01.81- 01.82	110248	14	40				
Accord 1.8 DX	[EK1]	01.79- 01.80	110248	14	40				
Accord 1.8 LX	[EK1]	01.79- 01.82	110248	14	40				
Accord 1.8 SE		01.81- 01.81	110248	14	40				
Accord 2.2 10TH Anniversary	[F22A1]					01.93- 01.93	112214	12	1.6
						01.93- 01.93	113024	12	1.6
Accord 2.2 25TH Anniversary EDI	[F22B2]					01.96- 01.96	113398	12	1.6
Accord 2.2 DX	[F22A1]					01.90- 01.93	112214	12	1.6
						01.90- 01.93	113024	12	1.6
	[F22B2]					01.94- 01.97	113024	12	1.6
Accord 2.2 EX	[F22A1]					01.90- 01.91	112214	12	1.6
						01.90- 01.91	113024	12	1.6
	[F22A4]					01.90- 01.91	112214	12	1.6
						01.90- 01.91	113024	12	1.6
	[F22A6]					01.91- 01.93	112214	12	1.6
						01.91- 01.93	113024	12	1.6
Accord 2.2 EX-R	[F22B1]					01.94- 01.97	113024	12	1.6
						01.91- 01.91	113024	12	1.6
						01.91- 01.91	112214	12	1.6
Accord 2.2 LX	[F22A1]					01.90- 01.93	112214	12	1.6
						01.90- 01.93	113024	12	1.6
Accord 2.2 SE	[F22B2]					01.94- 01.97	113024	12	1.6
	[F22A6]					01.91- 01.93	112214	12	1.6
						01.91- 01.93	113024	12	1.6

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

HONDA Continued

	[F22B2]				01.97- 01.97	113398	12	1.6
Accord 2.4 DX	[K24A4]				01.03- 01.05	113821	12	1.6
Accord 2.4 EX	[K24A4]				01.03- 01.05	113821	12	1.6
Accord 2.4 LX	[K24A4]				01.03- 01.05	113821	12	1.6
Accord 3.0 EX	[J30A1]				01.98- 01.02	113392	12	1.6
Accord 3.0 LX	[J30A1]				01.98- 01.02	113392	12	1.6
Civic 1.3		01.85-	110927	14	55			
Civic 1.3 1300		01.87-	110927	14	55			
Civic 1.3 DX	[D13A2]	01.87- 01.87	110927	14	55	01.87- 01.87	110312	12 1.0
	[EV1]	01.84- 01.86	110927	14	55	01.87- 01.87	110249	12 0.8
						01.84- 01.86	110312	12 1.0
						01.84- 01.86	110249	12 0.8
Civic 1.5						01.88- 01.91	110312	12 1.0
		01.88- 01.91	111578	14	60	01.88- 01.91	111442	12 1.4
						01.88- 01.91	110249	12 0.8
Civic 1.5 1500		01.85- 01.87	110927	14	55	01.85- 01.87	110312	12 1.0
						01.85- 01.87	110249	12 0.8
						01.85- 01.87	111442	12 1.4
Civic 1.5 1500 DX		01.84- 01.87	110927	14	55	01.84- 01.88	110249	12 0.8
						01.84- 01.88	111442	12 1.4
		01.88- 01.88	111578	14	60	01.84- 01.88	110312	12 1.0
Civic 1.5 1500 GL		01.84- 01.84	110927	14	55	01.84- 01.84	111442	12 1.4
						01.84- 01.84	110312	12 1.0
						01.84- 01.84	110249	12 0.8
Civic 1.5 1500 S						01.84- 01.87	111442	12 1.4
		01.84- 01.87	110927	14	55	01.84- 01.87	110312	12 1.0
						01.84- 01.87	110249	12 0.8
Civic 1.5 1500 SI						01.86- 01.87	111442	12 1.4
		01.86- 01.87	110927	14	55	01.86- 01.87	110312	12 1.0
Civic 1.5 CVCC	[ED2]	01.75- 01.76	110138	14	40			
	[ED3]	01.76- 01.79	110138	14	40			
	[ED4]	01.77- 01.79	110138	14	40			
Civic 1.5 CX	[D15B8]	01.92- 01.95	111285	14	70	01.92- 01.95	110249	12 0.8
						01.92- 01.95	110312	12 1.0
		01.89- 01.91	111578	14	60	01.89- 01.91	110249	12 0.8
						01.89- 01.91	111442	12 1.4
						01.89- 01.91	110312	12 1.0
Civic 1.5 Del Sol S	[D15B7]	01.93- 01.95	111285	14	70	01.93- 01.95	110249	12 0.8
						01.93- 01.95	110312	12 1.0
Civic 1.5 DX	[D15B2]	01.88- 01.91	111578	14	60	01.88- 01.91	110249	12 0.8
						01.88- 01.91	110312	12 1.0
						01.88- 01.91	111442	12 1.4
	[D15B7]	01.92- 01.95	111285	14	70	01.92- 01.95	110249	12 0.8
						01.92- 01.95	110312	12 1.0
Civic 1.5 GL	[EW1]	01.86- 01.86	110927	14	55	01.86- 01.86	111442	12 1.4
						01.86- 01.86	110249	12 0.8
						01.86- 01.86	110312	12 1.0
Civic 1.5 LX	[D15B2]	01.88- 01.91	111578	14	60	01.88- 01.91	111442	12 1.4
						01.88- 01.91	110249	12 0.8
						01.88- 01.91	110312	12 1.0
	[D15B7]	01.92- 01.95	111285	14	70	01.92- 01.95	110249	12 0.8
						01.92- 01.95	110312	12 1.0
Civic 1.5 SE		01.88- 01.88	111578	14	60	01.88- 01.88	110249	12 0.8
						01.88- 01.88	111442	12 1.4
						01.88- 01.88	110312	12 1.0
Civic 1.5 VX	[D15Z1]	01.92- 01.95	111285	14	70	01.92- 01.95	110249	12 0.8
						01.92- 01.95	110312	12 1.0
Civic 1.6 4WD	[D16A6]	01.88- 01.91	111578	14	60	01.88- 01.91	110312	12 1.0
						01.88- 01.91	111442	12 1.4
Civic 1.6 CX	[D16Y7]	01.96- 01.00	113035	14	75	01.96- 01.98	110312	12 1.0
Civic 1.6 Del Sol S	[D16Y7]	01.96- 01.97	113035	14	75	01.96- 01.97	110312	12 1.0
Civic 1.6 Del Sol SI	[D16Y8]	01.96- 01.97	113035	14	75	01.96- 01.97	110312	12 1.0
	[D16Z6]	01.93- 01.95	111285	14	70	01.93- 01.95	110312	12 1.0
Civic 1.6 DX	[D16Y7]	01.96- 01.00	113035	14	75	01.96- 01.98	110312	12 1.0
Civic 1.6 EX	[D16A6]	01.90- 01.91	111578	14	60	01.90- 01.91	110312	12 1.0
						01.90- 01.91	111442	12 1.4
	[D16Y8]	01.96- 01.00	113035	14	75	01.96- 01.98	110312	12 1.0
	[D16Z6]	01.92- 01.95	111285	14	70	01.92- 01.95	110312	12 1.0
Civic 1.6 HX	[D16Y5]	01.96- 01.00	113035	14	75	01.96- 01.97	110312	12 1.0
Civic 1.6 LX	[D16Y7]	01.96- 01.00	113035	14	75	01.96- 01.98	110312	12 1.0
Civic 1.6 SI	[B16A2]	01.99- 01.00	113035	14	75			
	[D16A6]	01.89- 01.91	111578	14	60	01.89- 01.91	110312	12 1.0
						01.89- 01.91	111442	12 1.4
	[D16Z6]	01.92- 01.95	111285	14	70	01.92- 01.95	110312	12 1.0
Civic 1.6 GX	[D16B5]	01.98- 01.00	113035	14	75			
Civic 1.7		01.01- 04.06	115661	14	90			
Civic 1.8 DX	[R18A1]					01.06-	114137	12 1.2
Civic 1.8 Flexfuel		11.06-	115661	14	90	11.06-	114389	12 1.1
Civic 1.8 GX	[R18A4]					01.06-	114137	12 1.2
Civic 2.0	[K20Z4]	01.08-	115661	14	90	01.08-	114389	12 1.1
CR-V 2.0 EX	[B20B4]					01.98- 01.98	113629	12 1.2
	[B20Z2]					01.99- 01.01	113629	12 1.2
CR-V 2.0 LX	[B20B4]					01.98- 01.98	113629	12 1.2
	[B20Z2]					01.99- 01.01	113629	12 1.2
CR-V 2.0 SE	[B20Z2]					01.00- 01.01	113629	12 1.2
CR-V 2.4 EX	[K24A1]	01.02- 01.03	113712	14	90			
CR-V 2.4 LX	[K24A1]	01.02- 01.03	113712	14	90			
CRX 1.3 1300		01.84-	110927	14	55			
CRX 1.5	[D15B2]	01.91- 01.91	111578	14	60	01.91- 01.91	110249	12 0.8
						01.91- 01.91	110312	12 1.0
						01.91- 01.91	111442	12 1.4
CRX 1.5 1500		01.84- 01.87	110927	14	55	01.84- 01.87	111442	12 1.4
						01.84- 01.87	110312	12 1.0
						01.84- 01.87	110249	12 0.8

## STARTERS & ALTERNATORS



CRX 1.5 1500 HF		01.88- 01.89	111578	14	60	01.85- 01.89	110312	12	1.0
		01.85- 01.87	110927	14	55	01.85- 01.89	111442	12	1.4
CRX 1.5 1500 SI						01.85- 01.89	110249	12	0.8
						01.85- 01.87	111442	12	1.4
CRX 1.5 DX	[D15B2]	01.88- 01.90	111578	14	60	01.88- 01.90	110249	12	0.8
						01.88- 01.90	110312	12	1.0
CRX 1.5 HF	[D15B6]					01.88- 01.90	111442	12	1.4
		01.90- 01.91	111578	14	60	01.90- 01.91	111442	12	1.4
CRX 1.5 HF	[D15B6]					01.90- 01.91	110249	12	0.8
						01.90- 01.91	110312	12	1.0
CRX 1.6 SI	[D16A6]	01.88- 01.91	111578	14	60	01.88- 01.91	110312	12	1.0
						01.88- 01.91	111442	12	1.4
Odyssey 2.2 EX	[F22B6]					01.95- 01.97	113024	12	1.6
Odyssey 2.2 LX	[F22B6]					01.95- 01.97	113024	12	1.6
Odyssey 3.5 Cargo	[J35A1]					01.99- 01.01	113392	12	1.6
Odyssey 3.5 EX	[J35A1]					01.99- 01.01	113392	12	1.6
Odyssey 3.5 LX	[J35A1]					01.99- 01.01	113392	12	1.6
Passport 3.2 EX	[6VD1]	01.98- 01.00	113563	14	90	01.94- 01.02	113402	12	1.4
Passport 3.2 LX	[6VD1]	01.98- 01.00	113563	14	90	01.94- 01.02	113402	12	1.4
Prelude 1.8	[EK1]	01.79- 01.82	110248	14	40				
Prelude 2.0 2.0 S		01.88- 01.90	111609	14	70				
Prelude 2.0 2.0 SI	[B20A5]	01.91- 01.91	111609	14	70				
		01.88- 01.90	111609	14	70				
Prelude 2.0 2.0 SI 4WS		01.88- 01.89	111609	14	70				
Prelude 2.0 SE		01.91- 01.91	111609	14	70				
Prelude 2.0 SR		01.90- 01.90	111609	14	70				
Prelude 2.1 SI 4WS	[B21A1]	01.90- 01.91	111609	14	70				
Prelude 2.1 SI ALB	[B21A1]	01.90- 01.91	111609	14	70				
Prelude 2.1 SI	[B21A1]	01.90-	111609	14	70				
Prelude 2.2	[H22A4]					01.97- 01.98	112214	12	1.6
						01.97- 01.98	113409	12	1.6
Prelude 2.2 S	[F22A1]					01.92- 01.96	112214	12	1.6
						01.92- 01.96	113024	12	1.6
Prelude 2.2 SH	[H22A4]					01.97- 01.98	112214	12	1.6
						01.97- 01.98	113409	12	1.6
Prelude 2.2 VTEC	[H22A1]					01.93- 01.96	112214	12	1.6
						01.93- 01.96	113024	12	1.6
Prelude 2.3 4WS						01.93- 01.94	112214	12	1.6
						01.93- 01.94	113024	12	1.6
Prelude 2.3 SE	[H23A1]					01.95- 01.95	112214	12	1.6
						01.95- 01.95	113024	12	1.6
Prelude 2.3 SI	[H23A1]					01.92- 01.96	112214	12	1.6
						01.92- 01.96	113024	12	1.6
Prelude 2.3 SI 4WS	[H23A1]					01.92- 01.92	112214	12	1.6
						01.92- 01.92	113024	12	1.6
S2000 2.0	[F20C1]					01.00- 01.01	113630	12	1.2
S2000 2.2	[F22C1]					01.04- 01.05	113630	12	1.2
Wagovan 1.5	[D15A2]	01.87- 01.87	110927	14	55	01.87- 01.87	110249	12	0.8
						01.87- 01.87	110312	12	1.0
						01.87- 01.87	111442	12	1.4
	[EW1]	01.84- 01.85	110927	14	55	01.84- 01.85	111442	12	1.4
						01.84- 01.85	110249	12	0.8
						01.84- 01.85	110312	12	1.0
		01.86- 01.86	110927	14	55	01.86- 01.86	111442	12	1.4
						01.86- 01.86	110312	12	1.0
						01.86- 01.86	110249	12	0.8
<b>PASSENGER CARS AO</b>									
Accord 2.4	[K24A8]	09.06-	114272	14	100				
Accord 2.4 VTEC E	[K24A2]	09.03- 09.05	114272	14	100	01.03- 09.05	113821	12	1.6
Accord 2.4 VTEC T	[K24A1]	09.03-	114272	14	100	09.03- 01.05	113821	12	1.6
Accord 3.0 VTEC	[J30A1]					10.98- 01.02	113392	12	1.6
	[J30A2]					10.01- 01.02	113392	12	1.6
Airwave 1.5	[L15A2]	06.04-	114841	14	80				
Airwave 1.5 iDSi MDS 4WD	[L15A2]	06.04-	114841	14	80				
Civic 1.6	[R16A1]	09.05- 09.05	113954	14	70	09.05-	114389	12	1.1
		09.05-	115661	14	90				
Civic 1.6 4WD	[D16A]	01.88- 12.92	111578	14	60	01.88- 12.92	110312	12	1.0
						01.88- 12.92	111442	12	1.4
	[D16A7]	01.88- 12.92	111578	14	60	01.88- 12.92	110312	12	1.0
						01.88- 12.92	111442	12	1.4
Civic 1.8	[R18A1]	09.05-	113954	14	70	09.05- 09.05	114389	12	1.1
		09.05- 02.12	115661	14	90				
	[R18Z1]	02.12-	115983*	14	130				
	[R18Z4]	02.12-	115983*	14	130				
		01.06-	115661	14	90				
Concerto 1.6	[D16A9]	10.89- 10.92	111578	14	60	10.89- 10.92	110312	12	1.0
CR-V 2.0	[B20Z1]	04.99- 02.02	115865	14	95	04.99- 02.02	113629	12	1.2
CR-V 2.4	[K24A1]					04.07-	115637	12	1.0
Fit 1.3	[L13A1]	05.03-	114841	14	80	05.03- 12.05	115362	12	0.7
						05.03-	115598	12	0.7
Fit 1.5	[L15A2]	10.04-	114841	14	80				
		05.03-	114841	14	80				
Jazz 1.4	[L13A5]	04.05- 07.08	114841	14	80	04.05- 07.08	115362	12	0.7
Jazz 1.5	[L15A]	04.02-	114841	14	80				
<b>MOTOR BIKES</b>									
ATC250 0.2						01.87- 01.87	111921	12	0.6
GL1100 1.0 Gold Wing						01.75- 01.83	113538	12	0.6
GL1800 1.8 Goldwing		01.01- 12.04	114116	14	75				
GXC530							114375	12	0.6
TRX250 0.2						01.87- 01.87	111921	12	0.6
TRX250						01.97-	111927	12	0.6
						01.87- 01.87	111921	12	0.6
TRX300						01.88- 01.00	111921	12	0.6
						01.93- 01.07	111926	12	0.6
TRX400FW 0.4						01.95- 12.02	114715	12	0.6

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





**HONDA Continued**

TRX450ES 0.4					01.95- 12.02	114715	12	0.6
TRX450S 0.4					01.95- 12.02	114715	12	0.6
Various		01.90-	113997	14 40				
VF750						114104	12	
VFR750						114104	12	
<b>MARINE</b>								
BF135			115803	14 55				
BF150			115803	14 55				
BF75						114855	12	1.2
BF90						114855	12	1.2
Various models						115525	12	1.2
<b>INDUSTRY</b>								
GX340 Small engine						113671	12	
GX390 Small engine						113671	12	
Various models 9.9						113723	12	0.4
Various models	[GD411, QXE4]					115993	12	1.4
<b>MOTORS</b>								
GX2700AE2						113723	12	0.4
GX340 0.5						113231	12	0.5
GX340DE33						112246	12	0.6
GX390 0.5						113231	12	0.5
GX610						113594	12	0.6
GX620						113594	12	0.6
GX640 0.6						115465	12	0.7
GX670	[24 HP]					113732	12	1.0
GXV340						115406	12	0.8
GXV390 0.5						115406	12	0.8
GXV390SE33						112246	12	0.6
GXV610						113594	12	0.6
GXV620						113594	12	0.6
<b>Hough</b>								
<b>AGRICULTURE</b>								
Various models					01.89-	112668	12	2.5
<b>Howo</b>								
<b>TRUCKS EU</b>								
Various models						114435	24	7.5
<b>MARINE</b>								
WD615						114327	24	5.5
<b>Huerlimann</b>								
<b>AGRICULTURE</b>								
100DT	[1000.4WT]		115689	14 80				
55DT	[1000.3W]		115689	14 80				
70DT	[1000.3WT]		115689	14 80				
75DT	[1000.4W]		115689	14 80				
90DT	[1000.4WT]		115689	14 80				
Various models					03.79-	110530	12	3.0
<b>Hummer</b>								
<b>PASSENGER CARS EU</b>								
Hummer 6.5 Diesel					GM Diesel 01.94-	113435	24	4.5
Hummer 6.5 TD					GM Diesel 01.94-	113435	24	4.5
Hummer H3 3.5	[L52]	04.05-	113777	14 145				
<b>PASSENGER CARS US</b>								
Various models 6.2 Diesel	[GM]				01.94-	113435	24	4.5
Various models 6.5 Diesel	[GM]				Military 01.82- 01.88	113435	24	4.5
<b>Hyster</b>								
<b>FORK LIFTS</b>								
150	[6.354]				01.72- 01.77	110491	12	1.4
					01.63- 12.77	110569	12	
125 150	[F245]				01.68- 01.84	110491	12	1.4
20 25 30	[4.107]				01.69- 12.76	110506	12	
	[4.108]				01.73- 12.76	110506	12	
30 40 50	[3.152]				01.71- 12.77	110468	12	
	[4.203]				01.71- 12.78	110472	12	
					01.71- 12.78	112175	12	3.0
40 60	[4.154]				01.72- 12.78	110506	12	
					01.72- 12.78	110573	12	2.0
					01.72- 12.78	112175	12	3.0
60 70 80 100	[4.203]				01.69- 12.76	110472	12	
					01.69- 12.76	112175	12	3.0
60 70 80 90	[4.203]				01.69- 12.78	110472	12	
					01.69- 12.78	112175	12	3.0
Various models 4.3	[GM Vortec]					115985	12	1.6
Various models			113694	14 70		113985	12	2.7
			113691	14 70	01.72-	110491	12	1.4
			115520	14 105		111273	12	2.7
			111495	14 40		110573	12	2.0
					01.63- 01.84	110569	12	
						111041	12	2.8
					01.61- 01.69	110506	12	
					01.70- 01.96	113172	12	2.0
						112175	12	3.0
						111049	12	
					01.70- 01.88	112268	12	2.8
					01.79-	110449	12	3.6
<b>Hyundai</b>								
<b>PASSENGER CARS EU</b>								
Accent 1.3	[G4E-A]	01.00-	111309	14 75	01.00-	113659	12	0.9
		01.00-	113657	14 90	01.00-	110315	12	0.9
	[G4EH]	08.02-	113657	14 90	07.94- 07.99	110479	12	0.9
		10.94-	111309	14 75	A13 07.94- 07.99	110315	12	0.9
		10.94-	111405	14 90	AT 10.94-	110958	12	0.9
					10.94-	110158	12	1.2
					08.02-	113659	12	0.9
Accent 1.3 i12V	[G4EH]	10.94- 07.99	111309	14 75	10.94-	110315	12	0.9
		10.94-	111375	14 75	AT 07.94- 07.99	110958	12	0.9
		10.94- 07.99	111405	14 90	07.94- 07.99	110479	12	0.9



Accent 1.4 GL	[G4EE]	11.05-	113657	14 90		11.05-	113659	12 0.9
Accent 1.5	[G4EB]	01.00-	111309	14 75		01.00-	113659	12 0.9
		01.00-	113657	14 90		01.00-	110315	12 0.9
						A13 01.00-	110479	12 0.9
						AT 01.00-	110958	12 0.9
	[G4EC-G]	09.00-	111309	14 75		09.00-	110315	12 0.9
						A13 09.00-	110479	12 0.9
						AT 09.00-	110958	12 0.9
						01.00-	113638	12 1.4
						09.00-	113659	12 0.9
	[G4EK]	10.94- 07.99	111309	14 75		A13 10.94- 07.99	110315	12 0.9
						AT 10.94- 07.99	110958	12 0.9
						10.94- 07.99	110479	12 0.9
Accent 1.5 16V	[G4FK]	10.94- 01.00	111405	14 90				
Accent 1.5 i 12V	[G4EK]	10.94-	111309	14 75		10.94-	110315	12 0.9
		10.94- 07.99	111405	14 90		07.94- 07.99	110479	12 0.9
						AT 07.94- 07.99	110958	12 0.9
Accent 1.5 i 16V	[G4ER]	10.95-	111405	14 90		10.95-	110315	12 0.9
Accent 1.5 CRDi	[D3-EA]	01.02-	114201	14 100		01.02-	113796	12 1.7
Accent 1.5 CRDi GLS	[D4FA]					11.05-	113797	12 1.7
Accent 1.6	[G4ED-G]	12.02-	113657	14 90		12.02-	113659	12 0.9
	[G4FC]	11.10-	115715	14 90		11.10-	114443	12 0.9
Accent 1.6 GLS	[G4ED]	11.05-	113657	14 90		11.05-	113659	12 0.9
Atos 1.0 i	[G4HC]	02.98-	113518	14 60		02.98-	112322	12 0.8
	[G4HC-E]	03.01-	113518	14 60		03.01-	112322	12 0.8
		03.01-	113791	14 70				
Atos 1.1	[G4HG]	03.04-	113791	14 70		03.04-	112322	12 0.8
Atos Prime 1.0 i	[G4HC]	02.98-	113518	14 60		02.98-	112322	12 0.8
	[G4HC-E]	03.01-	113518	14 60		03.01-	112322	12 0.8
		03.01-	113791	14 70				
Atos Prime 1.1	[G4HD]	06.03-	113791	14 70				
Coupe 1.6 16V	[G4ED-G]	03.02-	113657	14 90		03.02-	113659	12 0.9
		03.02-	114522	14 95				
	[G4GR]	03.98-	111405	14 90				
						05.96- 09.01	110315	12 0.9
						AT 06.00- 09.01	110958	12 0.9
						05.96- 05.00	111307	12 1.2
Coupe 1.6 i 16V	[4G61]	12.96-	111405	14 90		12.96-	111307	12 1.2
Coupe 2.0	[G4GC-G]	08.01-	114522	14 95		03.02-	111307	12 1.2
		03.02-	113657	14 90				
Coupe 2.0 GLS	[G4GC-G]	02.03-	113657	14 90		02.03-	111307	12 1.2
		02.03-	114522	14 95				
Coupe 2.0 16V	[G4DF]	03.01- 01.02	111405	14 90				
		04.02-	113657	14 90				
	[G4GF]	08.96-	111405	14 90		08.96-	111307	12 1.2
Coupe 2.7	[G6BA-G]	01.07-	114522	14 95				
		01.07-	115855	14 120				
Coupe 2.7 V6	[G6BA-G]	03.02-	113652	14 110				
		03.02-	114522	14 95				
		03.02-	115853	14 110				
Elantra 1.5 Diesel	[D4FA]	06.00- 07.06	113328	14 120		06.00- 07.06	113329	12 2.0
Elantra 1.5						01.85- 01.95	110315	12 0.9
						AT 08.91- 01.95	110958	12 0.9
Elantra 1.6	[G4ED-G]	06.00-	111309	14 75		06.00- 03.01	110315	12 0.9
		05.03-	113657	14 90		AT 06.00- 03.01	110958	12 0.9
						06.00-	113659	12 0.9
	[G4FG]	06.11-	114467	14 90		06.11-	114443	12 0.9
	[G4GA]	09.03-	113657	14 90		09.03-	113659	12 0.9
Elantra 1.6 CVT	[G4FC]	06.06-	114467	14 90		06.06-	114892	12 0.9
Elantra 1.6 CRDi	[D4FB]	11.05- 12.11	114495	14 120		11.05- 12.11	113797	12 1.7
Elantra 1.8	[G4BB]	06.00-	111309	14 75		06.00-	111307	12 1.2
	[G4GB]	11.02-	113657	14 90		11.02-	111307	12 1.2
Elantra 2.0	[G4GC]	09.00-	111309	14 75		06.00-	111307	12 1.2
			AC 10.03-	113657	14 90			
		[G4GC-G]	06.00-	111309	14 75		06.00-	111307
Elantra 2.0 CRDi	[D4EA]	04.01-	113328	14 120		04.01-	113329	12 2.0
Excel 1.3	[G4DG]	01.94-	111309	14 75		01.90- 01.95	110479	12 0.9
Galopper 2.5 Diesel Intercooler	[D4BH]	08.98-	113519	14 90		08.98-	111461	12 2.2
						02.97- 09.02	111476	12 2.0
						08.98-	111565	12 2.2
						08.98-	111912	12 2.2
Galopper 2.5 TCI Intercooler	[D4BH]	08.98-	113519	14 90		08.98-	110809	12 2.0
						08.98-	111461	12 2.2
						02.97- 09.02	111476	12 2.0
					08.98-	111565	12 2.2	
Galopper 2.5 TD	[4D56T]					08.91- 07.98	110809	12 2.0
						08.91- 07.98	111461	12 2.2
						08.98-	110809	12 2.0
		[D4BA]	08.98-	113519	14 90		08.98-	111461
						08.98-	111565	12 2.2
Galopper 2.5 TD Intercooler	[4D56T]					A13 08.91- 07.98	111565	12 2.2
						AT 08.91- 07.98	111461	12 2.0
						08.91- 07.98	111476	12 2.0
Galopper 3.0 V6	[6G72]					08.91- 07.98	111241	12 1.2
	[G6AT]	08.98-	111314	14 90		02.97- 08.01	111476	12 2.0
						A13 02.97- 08.01	111565	12 2.2
Genesis 2.0 Turbo	[G4KF]					01.08-	115569	12 1.2
						11.11-	115758	12 1.2
Genesis Coupe 2.0 Turbo	[G4KF]					04.12-	115569	12 1.2
						04.12-	115758	12 1.2
Getz 1.1	[G4HD]	09.02-	113791	14 70 ▲		09.02-	112322	12 0.8
Getz 1.3	[G4E-A]	09.02-	113657	14 90		09.02-	113659	12 0.9
						09.02-	110479	12 0.9
Getz 1.4	[G4EE]	08.05-	113657	14 90		08.05-	113659	12 0.9
Getz 1.5 CRDi	[D3-EA]	03.03-	113863	14 90		03.03-	113796	12 1.7
			114201	14 100				
		[D4FA]	08.05-	113863	14 90		08.05-	113797

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**HYUNDAI** *Continued*

Getz 1.5 CRDi GLS	[D4FA]	08.05-	114201	14 100	08.05-	113796	12 1.7
Getz 1.6	[G4ED-G]	09.02-	113657	14 90	09.02- 09.02-	110479 113659	12 0.9 12 0.9
Grand Santa F. 2.2 CRDi 4X4	[D4HB]	10.15-	115632	14 150	10.15-	115626	12 2.0
Grand Santa Fé 2.2 CRDi	[D4HB]	06.13-	115632	14 150	06.13-	115626	12 2.0
Grandeur 2.2 CRDi	[D4EB]	06.06- 06.06-	114509 115409	14 150 14 120			
Grandeur 2.4 16V	[G4KJ]	01.11-	115603*	14 110	01.11-	115758	12 1.2
Grandeur 2.7	[G6BA]				05.06-	115977	12 1.2
Grandeur 3.3	[G6DB]	04.05-	115737	14 130			
H-1 2.4	[G4CS]	10.97-	111314	14 90	10.97-	110811	12 1.2
H-1 2.5 CRDi	[D4CB]	08.02-	113792	14 110	08.03-	113937	12 2.2
H-1 2.5 CRDi Starex	[D4CB]	06.06- 12.07 06.06- 12.07	112333 113330	14 110 14 75	06.06- 12.07	113445	12 2.2
H-1 2.5 Diesel Starex	[D4BF]	10.97- AC 10.97-	113330 112333	14 75 14 110	10.97- 10.97-	111461 110809	12 2.2 12 2.0
H-1 2.5 TD	[D4BF]	03.00- 09.00 03.00- 09.00 03.00- 09.00	112205 112333 113330	14 90 14 110 14 75	A13 03.00- 09.00 03.00- 09.00	110809 111461 111912	12 2.0 12 2.0 12 2.2
	[D4BH]	09.00-	112205	14 90	09.00- 03.00- 07.03 03.00- 07.03	110809 111476 111565	12 2.0 12 2.0 12 2.2
		AC 09.00-	112333	14 110	A13 09.00-	111912 111461	12 2.2 12 2.2
H-1 / Starex 2.5 CRDi	[D4CB]	12.02- 04.04	113792	14 110	12.02- 04.04	113937	12 2.2
H-1 Cargo 2.5 CRDi	[D4CB]				08.11-	113937	12 2.2
	[D4CB-L]				02.08-	113797	12 1.7
	[D4CB-W]				08.09-	113937	12 2.2
H-1 Starex 2.4	[G4JS]	06.01- 12.06	111314	14 90	06.01- 12.06	110811	12 1.2
H-100 2.4	[G4CS]	01.97- 03.00	111314	14 90	01.97-	110811	12 1.2
H-100 2.5 Diesel	[D4BA]	07.93- 07.93- w/o ABS 07.93- 03.00	111929 113343 113343	14 65 14 65 14 65	07.94- 03.00 07.93- 03.00 07.93- 03.00	111461 111912 110809	12 2.2 12 2.2 12 2.0
	[D4BX]	07.93- 07.93-	111929 113343	14 65 14 65	07.93- 07.93- 12.94	111461 111912	12 2.2 12 2.2
H-100 2.5 TD	[D4BF]	07.93- 03.00 07.93- 03.00	111929 113343	14 65 14 65	07.93- 03.00 07.93- 03.00	111461 111912	12 2.2 12 2.2
H-100 P 2.4	[G4CS]	06.97- 03.00	111314	14 90 ▲	07.93-	110811	12 1.2
H-100 P 2.5 Diesel	[D4BA]	07.93- w/o ABS 07.93- 03.00	111929 113343	14 65 14 65	07.93- 03.00 07.93- 12.94 07.94-	110809 111912 111461	12 2.0 12 2.2 12 2.2
	[D4BX]	07.93-	111929	14 65	07.93- 12.94 07.93- 12.94	111461 111912	12 2.2 12 2.2
i10 1.1	[G4HG]	01.08-	115654	14 70	01.08-	112322	12 0.8
i10 1.1 CRDi	[D3FA]	01.08-	113863	14 90			
i10 1.2	[G4LA]	11.08- 01.10 01.10-	115815 115827	14 70 14 70	11.08-	114821	12 0.9
i20 1.1 CRDi	[D3FA]	03.12-	114495	14 120	03.12-	115729	12 1.6
i20 1.2	[G4LA]	09.08- 04.10 04.10-	115815 115827	14 70 14 70	03.12- 09.08-	114821 114760	12 0.9 12 0.8
i20 1.4	[G4FA]	09.08- 09.08-	114467 115715	14 90 14 90	A25 09.08- 03.12 A25 04.12- 08.12 A25 09.12-	114443 114887* 116026	12 0.9 12 1.4 12 1.4
i20 1.4 CRDi	[D4FC]	08.09-	114495	14 120	08.09- 08.09-	113797 115729	12 1.7 12 1.6
i20 1.6	[G4FC]	09.08- 09.08-	114467 115715	14 90 14 90			
i20 1.6 CRDi	[D4FB]	01.09- 01.09-	113863 114495	14 90 14 120	01.09-	113797	12 1.7
i30 1.4	[G4FA]	10.07- 10.07-	114467 115715	14 90 14 90	A25 10.12- 11.11- A25 11.11- 10.12 10.07-	116026 114443 114887* 114892	12 1.4 12 0.9 12 1.4 12 0.9
	[G4LC]	01.15-	114887*		01.15- A25 01.15- 01.15-	114443 116026 114892	12 0.9 12 1.4 12 0.9
i30 1.4 CRDi	[D4FC]				11.11- 11.11-	113797 115729	12 1.7 12 1.6
i30 1.6	[G4FC]	10.07- 10.07-	114467 115715	14 90 14 90	01.12- A25 10.12- 10.07-	114443 116026 114892	12 0.9 12 1.4 12 0.9
	[G4FG]				A25 06.12- 09.12 10.12- 06.12-	114887* 116026 114443	12 1.4 12 1.4 12 0.9
i30 1.6 GDI	[G4FD]				A25 11.11- 09.12 10.12- 11.11-	114887* 116026 114443	12 1.4 12 1.4 12 0.9
	[G4FG]				A25 11.11- 09.12 10.12- 11.11-	114887* 116026 114443	12 1.4 12 1.4 12 0.9
i30 1.6 CRDi	[D4FB]	10.07- 11.11	114495	14 120	10.07- 10.07-	113797 115729	12 1.7 12 1.6
	[D4FB-5P]				06.12- 06.12-	113797 115729	12 1.7 12 1.6
	[G4LC]				05.13- 05.13-	113797 115729	12 1.7 12 1.6
i30 2.0	[G4GC-G]	10.07-	114857	14 90	10.07-	114820	12 1.2
i30 2.0 CRDi	[D4EA]	10.07- 06.12	115409	14 120	10.07- 06.12	114778	12 2.0
i30 CW 1.4	[G4FA]	10.07- A25 10.07- 06.12 A25 10.07- 06.12	114467 115692 115715	14 90 14 110 14 90	10.07-	114443	12 0.9
i30 CW 1.6	[G4FC]	02.08- 02.08- 06.12	114467 115715	14 90 14 90	02.08- 06.12	114892	12 0.9
i30 CW 1.6 CRDi	[D4FB]	02.08- 06.12	114495	14 120	02.08- 06.12	113797	12 1.7
					02.08- 06.12	115729	12 1.6
i30 CW 2.0	[G4GC-G]	02.08- 06.12	114857	14 90	02.08- 06.12	114820	12 1.2

## STARTERS & ALTERNATORS



i40 1.6 GDi	[G4FD]					A25 03.12- 06.12	114887*	12 1.4	
						07.12-	116026	12 1.4	
						03.12-	114443	12 0.9	
i40 CW 1.6 GDi	[G4FD]					A25 07.11- 06.12	114887*	12 1.4	
						07.11-	114443	12 0.9	
ix20 1.4 CVVT	[D4FA]					A25 11.10- 05.12	114887*	12 1.4	
ix20 1.4 CRDi	[D4FC] [D4FC-M]					06.12-	116026	12 1.4	
						11.10-	115729	12 1.6	
						06.11-	113797	12 1.7	
						06.11-	115729	12 1.6	
ix20 1.6 CVVT	[G4FC]					A25 11.10- 05.12	114887*	12 1.4	
ix20 1.6 CRDi	[D4FB]					06.11-	113797	12 1.7	
						06.11-	115729	12 1.6	
ix35 1.6	[G4FD]	11.10-	115692	14 110		11.10- 09.12	114887*	12 1.4	
						A25 10.12-	116026	12 1.4	
ix35 1.7 CRDi	[D4FD]					11.10-	115446	12 1.7	
ix35 2.0 D-CVVT	[G4KD]	04.10-	115603*	14 110		04.10-	115758	12 1.2	
ix35 2.0 CRDi	[D4HA]	01.10-	115747*	14 150		01.10-	115626	12 2.0	
ix35 2.0 CRDi 4x4	[D4HA]	01.10-	115632	14 150		01.10-	115626	12 2.0	
						01.10-	115747*	14 150	
ix35 2.4 4WD	[G4KE]	07.10- 12.13	114827	14 120		07.10- 12.13	115758	12 1.2	
ix55 3.8 V6 AWD	[G6DA]	01.11-	115737	14 130					
Lantra 1.5 12V	[G4EK]					12.96-	111309	14 75	
						12.96- 09.00	111405	14 90	
						AT 12.96-	110958	12 0.9	
Lantra 1.5 i	[G15B]					10.90- 11.95	110659	14 75	
						10.90- 11.95	112531	14 60	
						10.90- 11.95	110958	12 0.9	
	[G4DJ]						10.90- 11.95	110158	12 1.2
							10.90- 11.95	110315	12 0.9
							10.90- 11.95	110958	12 0.9
Lantra 1.6	[G4GR]	11.95-	111309	14 75		11.95-	111307	12 1.2	
		11.95-	111405	14 90					
Lantra 1.6 16V	[G4G1]					11.95-	111309	14 75	
						11.95-	111405	14 90	
Lantra 1.6 i 16V	[G4CR]					10.90- 11.95	110802	14 75	
						10.90- 11.95	110804	14 90	
Lantra 1.8 16V	[G4GM]					11.95-	111309	14 75	
						11.95-	111405	14 90	
Lantra 1.8 i 16V	[G4CN]					10.90- 11.95	110802	14 75	
						10.90- 11.95	110804	14 90	
Lantra 1.9 Diesel	[DJY]					03.98- 09.00	111070	12 1.7	
						03.98- 09.00	114460	12 1.4	
Lantra 2.0 16V	[G4GF]					08.96-	111309	14 75	
						08.96-	111405	14 90	
Matrix 1.5 CRDi	[D3-EA]	10.01-	114201	14 100		06.01-	113659	12 0.9	
						10.01-	113796	12 1.7	
Matrix 1.5 CRDi VGT	[D4FA]					12.04-	113797	12 1.7	
Matrix 1.6	[G4ED-G]	06.01-	113657	14 90		06.01-	113659	12 0.9	
Matrix 1.8	[G4GB-G]	06.01-	111309	14 75		06.01-	111307	12 1.2	
						06.01-	113657	14 90	
Pony 1.2	[Saturn]					06.74-	110157	12 1.0	
						06.74-	110158	12 1.2	
Pony 1.3	[G13B]					10.85- 09.89	110158	12 1.2	
						10.85- 09.89	110315	12 0.9	
	[G4DG]						10.89- 01.95	110157	12 1.0
							10.89- 01.95	112531	14 60
Pony 1.4	[G4G3]					10.78- 09.85	110157	12 1.0	
						10.78- 09.85	110158	12 1.2	
Pony 1.5	[G15B]					10.85- 01.95	110157	12 1.0	
						10.85- 11.91	110315	12 0.9	
						10.85- 01.95	110479	12 0.9	
	[G4DJ]						AT 10.85- 01.95	110315	12 0.9
							AT 10.85- 01.95	110479	12 0.9
							AT 11.91- 01.95	110958	12 0.9
Pony 1.5 i	[G15B]					10.85- 09.89	110157	12 1.0	
						01.90- 01.95	110479	12 0.9	
						01.90- 01.95	112531	14 60	
	[G4DJ]						AT 10.89- 01.95	110157	12 1.0
							AT 10.89- 01.95	110315	12 0.9
							AT 11.91- 01.95	110958	12 0.9
Porter 2.4	[G4CS]					01.97-	110811	12 1.2	
Porter 2.5 CRDi	[D4CB]					02.03- 04.04	113937	12 2.2	
Santa F, 2.0 CRDi	[D4HA]	05.15-	115747*	14 150		05.15-	115626	12 2.0	
Santa F, 2.2 CRDi	[D4HB]	10.15-	115632	14 150		10.15-	115626	12 2.0	
						10.15-	115747*	14 150	
Santa F, 2.2 CRDi 4WD	[D4HB]	10.15-	115632	14 150		10.15-	115626	12 2.0	
						10.15-	115747*	14 150	
Santa F, 2.4						09.12-	115758	12 1.2	
Santa F, 2.4 CCVT AWD						09.12-	115758	12 1.2	
Santa Fe 2.0	[G4BP]	08.00- 09.02	113517	14 110		08.01-	113521	12 1.2	
						08.01-	113328	14 120	
						AT 08.01-	113638	12 1.4	
Santa Fe 2.0 CRDi	[D4EA]	08.01-	113328	14 120		08.01-	113329	12 2.0	
						08.01-	113517	14 110	
Santa Fe 2.0 CRDi 4WD	[D4HA]	12.10-	115747*	14 150		12.10-	115626	12 2.0	
						12.10-	115747*	14 150	
Santa Fe 2.0 CRDi 4WD	[D4EA]	04.01-	113328	14 120		04.01-	113329	12 2.0	
						04.01-	113517	14 110	
Santa Fe 2.0 CRDi 4x4	[D4HA]	09.12-	115747*	14 150		09.12-	115626	12 2.0	
						09.12-	115747*	14 150	
Santa Fe 2.2 CRDi	[D4HB]	01.09-	115632	14 150		01.09-	115626	12 2.0	
Santa Fe 2.2 CRDi 4WD	[D4HB]	01.09-	115747*	14 150		01.09-	115626	12 2.0	
						01.09-	115632	14 150	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**HYUNDAI** *Continued*

Santa Fé 2.2 CRDi 4x4	[D4HB]	01.09-	115632	14 150	01.09-	115626	12 2.0			
		01.09-	115747*	14 150	01.09-	115634	12 1.8			
Santa Fé 2.4	[G4KE] [G4KJ]				11.10-	115758	12 1.2			
					09.12-	115758	12 1.2			
Santa Fé 2.4 4x4	[G4KE]				07.10-	115758	12 1.2			
Santa Fé 2.4 16V	[G4JS-G]	02.00- 09.02	113517	14 110	02.00-	113521	12 1.2			
Santa Fé 2.4 16V 4WD	[G4JS-G]	02.00- 09.02	113517	14 110	02.00-	113521	12 1.2			
Santa Fé 2.7	[G6BA] [G6EA]	03.06-	115737	14 130	AT 03.06-	115977	12 1.2			
		08.04-	115737	14 130						
		08.04-	115855	14 120						
Santa Fé 2.7 4x4	[G6BA]	03.06-	115737	14 130	AT 03.06-	115977	12 1.2			
Santa Fé 2.7 V6 4WD	[G6BA-G]	02.01-	113652	14 110						
		02.01-	114522	14 95						
		02.01-	115853	14 110						
		02.01-	115855	14 120						
Santa Fé 2.7 V6 4WD GLS	[G6EA]	03.06-	115737	14 130	AT 03.06-	115977	12 1.2			
Santa Fé 2.7 V6 4x4	[G6EA]	11.00- 03.06	114522	14 95	AT 11.00- 03.06	115977	12 1.2			
Santa Fé 2.7 V6 GLS	[G6EA]	03.06-	115737	14 130	AT 03.06-	115977	12 1.2			
Santamo 2.0 16V	[G4CP]	05.99- 12.00	110802	14 75	05.99-	110315	12 0.9			
		05.99-	110804	14 90	05.99-	110811	12 1.2			
Santamo 2.0 16V 4WD	[G4CP]	05.99- 12.02	110802	14 75	05.99- 12.02	110315	12 0.9			
		05.99-	110804	14 90	05.99- 12.02	110811	12 1.2			
		05.99-	110804	14 90	05.99- 12.02	110811	12 1.2			
Satellite 2.4 i	[G4CS]	10.97-	111314	14 90	10.97-	110811	12 1.2			
Satellite 2.5 TD	[4D56TC]	10.97-	112333	14 110						
Scoupe 1.5 i Turbo	[G4EK-TC]	01.90- 04.95	111309	14 75	04.91-	110315	12 0.9			
Scoupe 1.5 i	[G15B]	02.90-	110659	14 75	02.90- 06.92	110157	12 1.0			
		02.90-	112531	14 60	02.90- 06.92	110315	12 0.9			
	[G4DJ]	02.90-	110659	14 75	PS 02.90- 10.91	110315	12 0.9			
		02.90-	112531	14 60	02.90-	110479	12 0.9			
	[G4EK]	04.92-	111375	14 75	AT 11.91-	110958	12 0.9			
					04.92-	110315	12 0.9			
Solaris 1.6	[G4FC]	11.10-	114467	14 90	AT 04.92-	110958	12 0.9			
					11.10-	115715	14 90	04.92-	110479	12 0.9
								11.10-	114443	12 0.9
Sonata 1.8 i	[4G62]				08.88- 05.89	110158	12 1.2			
					05.89- 10.93	110811	12 1.2			
	06.88- 06.93				111305	12 1.2				
	Only G4CM				07.93- 06.98	111305	12 1.2			
[G4CM]	05.93- 06.98	110811	12 1.2							
				AT 10.01- 11.04	113638	12 1.4				
Sonata 2.0	[G4JP-EG]				04.01-	113521	12 1.2			
					01.09-	115758	12 1.2			
					01.09-	115603*	14 110			
Sonata 2.0 GLSi	[G4KD]	07.08- 12.10	114827	14 120	07.08- 12.10	115569	12 1.2			
Sonata 2.0 16V	[G4JP-G]	06.98-	112327	14 100	06.98- 10.01	113521	12 1.2			
					AT 06.98- 10.01	113638	12 1.4			
Sonata 2.0 i 16V	[G4CP-D]	01.91- 10.93	110804	14 90	01.91- 10.93	110811	12 1.2			
					Only G4CP	09.90- 06.93	111305	12 1.2		
					06.96-	110811	12 1.2			
Sonata 2.0 i	[G4CP]	06.94- 06.98	110802	14 75	05.89- 06.98	110811	12 1.2			
					Only G4CP	06.88- 08.98	111305	12 1.2		
	[G4CP-U]				09.88- 05.89	110158	12 1.2			
					01.91- 10.93	110158	12 1.2			
[G4CP-U]	01.91- 10.93	110811	12 1.2							
				01.08-	115569	12 1.2				
Sonata 2.0 VVTi GLS	[G4KD]	01.08-	114827	14 120	01.08-	115758	12 1.2			
Sonata 2.0 CRDi	[D4EA]	02.06-	115409	14 120						
Sonata 2.4	[G4KC]	01.05- 12.09	112327	14 100	01.05- 12.09	115569	12 1.2			
		06.08- 12.09	114827	14 120	01.05- 12.09	115758	12 1.2			
		01.09-	115603*	14 110	06.08- 12.09	114827				
		06.08-	114827	14 120						
Sonata 2.4 16V	[G4BS]				AT 03.98- 10.01	113638	12 1.4			
Sonata 2.4 i	[G4CS]				01.89- 01.93	111305	12 1.2			
Sonata 2.5 V6 24V	[G6BV-G]	06.98- 10.01	113652	14 110						
		06.98- 10.01	114522	14 95						
		06.98- 10.01	115853	14 110						
Sonata 2.5 V6	[G6AV]	08.98- 09.01	113652	14 110	AT 08.98- 09.01	113020	12 1.2			
		08.98- 09.01	114522	14 95						
Sonata 2.7 i V6	[G6BA]	10.01- 05.05	114522	14 95	10.01- 05.05	113020	12 1.2			
Sonata 2.7 V6	[G6BA] [G6BA-G]	11.02- 11.04	115855	14 120	11.02- 11.04	111307	12 1.2			
		10.01- 11.04	114522	14 95						
		10.01- 11.04	115853	14 110						
		10.01- 11.04	115855	14 120						
Sonata 3.0 i V6	[G6AT]		111406	14 110	01.91- 10.93	111241	12 1.2			
Sonata 3.3	[G6DB]	01.05-	115737	14 130						
Starex 2.4	[G4CS]	06.97-	111314	14 90	06.97-	110811	12 1.2			
Starex 2.4 4WD	[G4CS]	02.98-	111314	14 90	02.98-	110811	12 1.2			
Starex 2.5 TD	[D4BF]	06.97-	112205	14 90	06.97-	110809	12 2.0			
		06.97-	112333	14 110	A13 06.97-	111461	12 2.2			
		06.97-	113330	14 75						
Starex 2.5 TD 4WD	[D4BF]	02.98-	112205	14 90	02.98-	110809	12 2.0			
		02.98-	112333	14 110	A13 02.98-	111461	12 2.2			
		02.98-	113330	14 75						
Stellar 1.4	[4G33]				10.83- 08.86	110157	12 1.0			
Stellar 1.6	[G32B]				10.83- 12.91	110157	12 1.0			
Stellar 1.8					03.84- 01.92	110157	12 1.0			
Terracan 2.5 TD	[D4BH]				12.01-	111461	12 2.2			
Terracan 2.9 CRDi	[J3]	12.01-	113331	14 110	11.01- 07.03	114732	12 2.2			
Terracan 3.5 i V6 4WD	[G6CU]				12.01-	111241	12 1.2			
Tiburon 2.0 CVT	[G4GC]				10.06-	114820	12 1.2			
Trajet 2.0	[G4GC-G]	01.04-	112327	14 100	03.04-	113521	12 1.2			
		01.04-	113517	14 110	01.04-	113638	12 1.4			
		01.04-	113657	14 90						



[G4JP-G]	03.00-03.00-03.00-06.07	112327 113517 113657	14 100 14 110 14 90		03.00-AT 03.00-	113521 113638	12 1.2 12 1.4
Trajjet 2.0 CRDi	[D4EA]	04.01-	113328	14 120	04.01-	113329	12 2.0
Trajjet 2.7 V6	[G6BA-G]	09.00-09.00-09.00-	113652 115853 115855	14 110 14 110 14 120			
Tucson 1.6 GDi	[G4FD]				A25 06.15-	116026	12 1.4
Tucson 2.0	[G4GC]	08.04-	113657	14 90	04.04-07.04	111307	12 1.2
Tucson 2.0 4WD	[G4GC]	08.04-	113657	14 90	04.04-07.04	111307	12 1.2
Tucson 2.0 4x4	[G4GC]	07.05-11.10	113657	14 90	07.05-11.10	111307	12 1.2
Tucson 2.0 CRDi	[D4EA]	04.04-	113328	14 120	04.04-	113329	12 2.0
	[D4EA-V]	01.06-	113328	14 120	01.06-	113329	12 2.0
Tucson 2.0 CRDi 4WD	[D4EA]	04.04-	113328	14 120	04.04-	113329	12 2.0
	[D4EA-F]	01.06-	113328	14 120	01.06-	113329	12 2.0
	[D4EA-V]	01.06-	113328	14 120	01.06-	113329	12 2.0
Tucson 2.0 CRDi 4x4	[D4EA]	01.06-	113328	14 120	01.06-	113329	12 2.0
Tucson 2.7 4WD	[G6BA-G]	08.04-08.04-	113652 115855	14 110 14 120	08.04-	113020	12 1.2
Veloster 1.6 GDi	[G4FD]	03.11-03.11-	114467 115715	14 90 14 90	03.11-A25 03.11-06.12 A25 07.12-	114443 114887* 116026	12 0.9 12 1.4 12 1.4
	[G4FJ]				10.12-	114443	12 0.9
Veloster 1.6 MPi	[G4FG]	04.11-A25 04.11-	114467 115715	14 90 14 90	04.11-	114443	12 0.9
XG 2.5 V6	[G6AV]	12.98-12.98-12.05	114522 115853	14 95 14 110			
<b>PASSENGER CARS US</b>							
Accent 1.5	[G4EK]	01.98-01.02-01.98-01.01-01.95-01.96	111309 111405 111309	14 75 14 90 14 75	01.98-01.01-01.98-01.01-01.95-01.96	110158 110958 110158	12 1.2 12 0.9 12 1.2
					01.95-01.96	110958	12 0.9
Accent 1.5 GL		01.97-01.97-01.95-01.97	111405 111309	14 90 14 75	01.95-01.97-01.95-01.97	110158 110958	12 1.2 12 0.9
Accent 1.5 GS		01.97-01.97-01.97-01.97	111309 111405	14 75 14 90	01.97-01.97-01.97-01.97	110158 110958	12 1.2 12 0.9
Accent 1.5 GT		01.96-01.97	111309	14 75	01.96-01.97	110158	12 1.2
					01.96-01.97	110958	12 0.9
Accent 1.5 L		01.95-01.97	111309	14 75	01.95-01.97	110158	12 1.2
					01.95-01.97	110958	12 0.9
Accent 1.6		01.01-01.02	111309	14 75	12.02-	113659	12 0.9
					01.01-01.01	110958	12 0.9
Elantra 1.6		06.91-01.95	110802	14 75	01.92-01.95-01.90-01.95	110811 11305	12 1.2 12 1.2
Elantra 1.6 GL		01.92-01.95	110802	14 75	01.92-01.95-09.95-09.95-	110811 11305 11307	12 1.2 12 1.2 12 1.2
Elantra 1.6 GLS		01.92-01.94	110802	14 75	01.92-01.94	110811	12 1.2
Elantra 1.8	[G4CN]	01.98-01.98-01.95-01.97-01.93-01.95	111405 111405 110802	14 90 14 90 14 75	01.98-01.98-01.93-01.95-01.93-01.95	111307 111305 11307	12 1.2 12 1.2 12 1.2
					01.96-01.97	111307	12 1.2
					01.93-01.95	110811	12 1.2
					01.93-01.95	11305	12 1.2
Elantra 1.8 GL		01.93-01.95	110802	14 75	01.93-01.95	110811	12 1.2
Elantra 1.8 GLS		01.96-01.97-01.93-01.95	111405 110802	14 90 14 75	01.96-01.97-01.93-01.95	111307 110811	12 1.2 12 1.2
Elantra 2.0	[G4CP]	01.99-01.01	111405	14 90	01.99-01.01	111307	12 1.2
Elantra 2.0 GLS	[G4CP]	01.02-01.02-01.03-01.03-01.04-	111309 113657	14 75 14 90	01.02-01.03	111307	12 1.2
Elantra 2.0 GT	[G4CP]	01.02-01.03-01.04-	111309 113657	14 75 14 90	01.02-01.03	111307	12 1.2
Excel 1.5		01.91-01.94-01.91-07.94	110659 111309	14 75 14 75	01.91-01.94-01.91-01.94-PS 01.91-01.94	110158 110157 110315	12 1.2 12 1.0 12 0.9
Excel 1.5 CX		01.93-01.94-01.93-07.94	110659 111309	14 75 14 75	01.93-01.94-01.93-01.94	110158 110958	12 1.2 12 0.9
Excel 1.5 CXL		01.92-01.94-01.92-07.94	110659 111309	14 75 14 75	01.92-01.94-01.92-01.94-01.92-01.94-AT 01.92-01.94	110158 110958 110157 110315	12 1.2 12 0.9 12 1.0 12 0.9
Excel 1.5 GL		01.90-01.94-01.90-07.94	110659 111309	14 75 14 75	01.86-01.94-01.90-01.94-AT 01.90-01.94	110158 110157 110315	12 1.2 12 1.0 12 0.9
Excel 1.5 GLS		01.90-01.91-01.90-01.91	110659 111309	14 75 14 75	01.86-01.91-01.90-01.91-AT 01.90-01.91	110158 110157 110315	12 1.2 12 1.0 12 0.9
Excel 1.5 GS		01.92-01.94-01.92-07.94	110659 111309	14 75 14 75	01.92-01.94-01.92-01.94-AT 01.92-01.94	110158 110958 110157 110315	12 1.2 12 0.9 12 1.0 12 0.9
Excel 1.5 L		01.91-01.92-01.91-01.92	110659 111309	14 75 14 75	01.86-01.92-04.89-01.92-AT 01.91-01.92	110158 110157 110315	12 1.2 12 1.0 12 0.9
Genesis 2.0 CVVT	[G4KF]				06.08-	115569	12 1.2
Grandeur 3.3	[G6DB]	02.07-	115737	14 130			
ix55 3.8 V6 AWD		01.07-	115737	14 130			
Santa Fé 2.4					01.01-01.02	113638	12 1.4
Santa Fé 2.7					01.01-01.02	113020	12 1.2
Scoupe 1.5		02.90-06.92-01.93-01.95	110659 111309	14 75 14 75	01.91-01.95	110158	12 1.2
Scoupe 1.5 LS		01.91-01.92-01.93-01.95	110659 111309	14 75 14 75	01.91-01.95	110158	12 1.2
Scoupe 1.5 Turbo		01.93-01.95	111309	14 75	01.93-01.95	110158	12 1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**HYUNDAI Continued**

Sonata 2.0	[G4CP]	01.98- 01.98	110802	14 75		01.98- 01.98	110811	12 1.2	
		01.98- 01.98	110804	14 90					
		01.92- 01.97	110802	14 75		01.92- 01.97	110811	12 1.2	
		01.92- 01.97	110804	14 90					
Sonata 2.0 GL		01.92- 01.97	110804	14 90		01.92- 01.97	110811	12 1.2	
		01.92- 01.97	110802	14 75					
Sonata 2.0 GLS		01.92- 01.94	110802	14 75		01.92- 01.94	110811	12 1.2	
		01.92- 01.94	110804	14 90					
Sonata 2.4		01.99- 01.03	112327	14 100		01.99- 01.03	113638	12 1.4	
		01.99- 01.03	113521	14 75		01.99- 01.03	113521	12 1.2	
		01.89- 01.91	110811	14 75		01.89- 01.91	110811	12 1.2	
Sonata 2.4 Deluxe		01.89- 01.91	111305	14 75		01.89- 01.91	111305	12 1.2	
		01.89- 01.91	110811	14 75		01.89- 01.91	110811	12 1.2	
Sonata 2.4 GL		01.89- 01.91	110811	14 75		01.89- 01.91	110811	12 1.2	
		01.89- 01.91	110811	14 75		01.89- 01.91	110811	12 1.2	
Sonata 2.4 GLS		01.89- 01.91	110811	14 75		01.89- 01.91	110811	12 1.2	
Sonata 2.4 Sport Deluxe		01.89- 01.89	110659	14 75		01.89- 01.89	110811	12 1.2	
Sonata 2.5		01.99- 01.01	113652	14 110		01.99- 01.01	113020	12 1.2	
Sonata 2.7 GLS						01.02- 01.02	113020	12 1.2	
Sonata 3.0	[G6AT]	01.98- 01.98	111406	14 110					
						01.90- 01.94	111241	12 1.2	
Sonata 3.0 GL		01.95- 01.97	111406	14 110		01.90- 01.94	111241	12 1.2	
Sonata 3.0 GLS		01.95- 01.97	111406	14 110		01.90- 01.94	111241	12 1.2	
Tiburon 1.8		01.97- 01.97	111405	14 90		01.97- 01.97	111307	12 1.2	
Tiburon 2.0	[G4CP]	01.98- 01.01	111405	14 90		01.98- 01.01	111307	12 1.2	
		01.03- 01.03	113657	14 90					
Tiburon 2.0 FX	[G4CP]	01.98- 01.98	111405	14 90		01.98- 01.98	111307	12 1.2	
		01.97- 01.97	111405	14 90		01.97- 01.97	111307	12 1.2	
XG300 3.0						01.01- 01.01	113020	12 1.2	
XG350 3.5						01.02- 01.02	113020	12 1.2	
XG350 3.5 L						01.02- 01.02	113020	12 1.2	
<b>PASSENGER CARS AO</b>									
Accent 1.6	[G4FC]	11.10-	115715	14 90					
		11.10-	115715	14 90		11.10-	114443	12 0.9	
Elantra 1.8		06.00- 07.03	113657	14 90					
Getz 1.5 CRDi GLS	[D4FA]	07.04- 08.05	114201	14 100		07.04- 08.05	113796	12 1.7	
H-1 2.5 Diesel	[D4BH]	06.00- 10.05	112333	14 110		06.00- 10.05	111565	12 2.2	
		06.00- 10.05	113330	14 75		06.00- 10.05	111476	12 2.0	
						06.00- 10.05	111461	12 2.2	
						06.00- 10.05	113445	12 2.2	
H-1 Travel 2.4					02.08-	115569	12 1.2		
i10 1.1	[G4HG]	12.07-	115654	14 70		12.07-	112322	12 0.8	
i20 1.6	[G4FC]	12.08-	115715	14 90					
ix20 1.4	[G4FA]				A25	11.10- 06.12	114887*	12 1.4	
ix35 2.0	[G4KD]	01.10-	115603*	14 110		01.10-	115758	12 1.2	
ix35 2.0 CRDi	[D4HA]	01.12-	115747*	14 150		01.12-	115626	12 2.0	
ix35 2.0 CRDi AWD	[D4HA]	01.12-	115632	14 150		01.12-	115626	12 2.0	
		01.12-	115747*	14 150					
Porter 2.5 TD	[D4BA]					07.94-	110809	12 2.0	
Santa Fé 3.3 Dynamic 4WD	[G6DB]	03.06-	115737	14 130					
Sonata 1.8 GLS	[G4DM]					06.98-	113638	12 1.4	
Sonata 2.0 i	[G4KD]	01.11-	115603*	14 110		01.11-	115758	12 1.2	
Sonata 2.0 VVTi GLS	[G4KA]	05.05-	114827	14 120		05.05-	115669	12 1.2	
						05.05-	115758	12 1.2	
Starex 2.5 CRDi						12.02-	113937	12 2.2	
Stellar 2.0 GSL						06.86- 01.92	110157	12 1.0	
Veloster 1.6	[G4FC]	10.11-	115715	14 90					
<b>TRUCKS EU</b>									
140 3.9	[D4DD]					09.04-	115751	24 5.0	
HD 65 3.9	[D4DD]					09.06-	115751	24 5.0	
HD 72 3.3	[D4AL]					09.06-	115751	24 5.0	
HD 72 3.9	[D4DB]					09.06-	115751	24 5.0	
						09.06-	115751	24 5.0	
<b>INDUSTRY</b>									
360	[6D22.]						112342	24 5.5	
<b>Ikarus</b>									
<b>TRUCKS EU</b>									
200	[MAN-D2866]	08.91-	111842	28 140					
Various models			110544	28 125					
<b>Infiniti</b>									
<b>PASSENGER CARS EU</b>									
I 30 3.0	[VO30DE]	01.97-	111381	14 110					
<b>PASSENGER CARS US</b>									
G20 2.0	[SR20DE]	01.91- 01.96	111264	14 80		01.91- 01.99	111608	12 1.4	
I 30 3.0	[VO30DE]	01.98- 01.99	111381	14 110		01.96- 01.01	111382	12 1.4	
QX4 3.5	[VO35DE]	01.01- 01.02	113420	14 110					
<b>Ingersoll Rand</b>									
<b>MISCELLANEOUS</b>									
VR 1044 5.9	[4BT3.9]					01.99-	112253	12 2.5	
VR 1056 5.9	[4BT3.9]					01.99-	112253	12 2.5	
VR 843 5.9	[4BT3.9]					01.99-	112253	12 2.5	
<b>Innocenti</b>									
<b>PASSENGER CARS EU</b>									
Elba 1.4 i.e.	[146C5.000]					09.94- 12.96	112289	12 0.8	
						09.94- 12.96	112289	12 0.8	
Elba 1.5 i.e.	[149C1.000]	03.92- 08.93	111035	14 65		08.92- 09.94	112289	12 0.8	
Elba 1.6 i.e.	[146D6.000]					09.94- 12.96	112289	12 0.8	
<b>International</b>									
<b>PASSENGER CARS US</b>									
100 4.2		01.74- 01.74	110233	14 63					
		01.74- 01.74	110505	14 75					
100 5.0		01.74- 01.74	110233	14 63		01.74- 01.74	112233	12	
		01.74- 01.74	110505	14 75					
100 5.6		01.74- 01.74	110233	14 63		01.74- 01.74	112233	12	
		01.74- 01.74	110505	14 75					
100 6.4						01.74- 01.74	112233	12	

## STARTERS & ALTERNATORS



150 5.0	01.75- 01.75	110233	14 63	01.75- 01.75	112233	12
	01.75- 01.75	110505	14 75			
150 5.6	01.75- 01.75	110233	14 63	01.75- 01.75	112233	12
	01.75- 01.75	110505	14 75			
150 6.4				01.75- 01.75	112233	12
200 4.2	01.74- 01.74	110233	14 63			
	01.74- 01.74	110505	14 75			
200 5.0	01.74- 01.75	110233	14 63	01.74- 01.75	112233	12
	01.74- 01.75	110505	14 75			
200 5.6	01.74- 01.75	110233	14 63	01.74- 01.75	112233	12
	01.74- 01.75	110505	14 75			
200 6.4				01.74- 01.74	112233	12
1000 3.8 B	01.69- 01.69	110075	14 60			
1000 3.8 C	01.69- 01.69	110075	14 60			
1000 3.8 D	01.69- 01.70	110075	14 60			
1000 3.9 C	01.69- 01.69	110075	14 60			
1000 3.9 D	01.69- 01.70	110075	14 60			
1000 4.4 B	01.68- 01.69	110075	14 60	01.68- 01.69	112233	12
1000 4.4 C	01.68- 01.69	110075	14 60	01.68- 01.69	112233	12
1000 4.4 D	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
1000 5.0 B	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
1000 5.0 C	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
1000 5.0 D	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
1010 3.8	01.71- 01.71	110233	14 63			
	01.71- 01.71	110937	14 200			
	01.71- 01.71	110505	14 75			
1010 4.2	01.72- 01.73	110233	14 63			
	01.72- 01.73	110937	14 200			
	01.72- 01.73	110505	14 75			
1010 5.0	01.72- 01.73	110937	14 200	01.72- 01.73	112233	12
	01.72- 01.73	110233	14 63			
	01.72- 01.73	110505	14 75			
1010 5.7	01.71- 01.73	110233	14 63	01.71- 01.73	112233	12
	01.71- 01.73	110505	14 75			
1010 6.4				01.72- 01.73	112233	12
1100 3.8 B	01.69- 01.69	110075	14 60			
1100 3.8 C	01.69- 01.69	110075	14 60			
1100 3.8 D	01.69- 01.70	110075	14 60			
1100 3.9 D	01.69- 01.70	110075	14 60			
1100 4.4 B	01.68- 01.69	110075	14 60	01.68- 01.69	112233	12
1100 4.4 C	01.68- 01.69	110075	14 60	01.68- 01.69	112233	12
1100 4.4 D	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
1100 5.0 B	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
1100 5.0 C	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
1100 5.0 D	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
1110 3.8	01.71- 01.71	110233	14 63			
	01.71- 01.71	110937	14 200			
	01.71- 01.71	110505	14 75			
1110 4.2	01.72- 01.73	110233	14 63			
	01.72- 01.73	110937	14 200			
	01.72- 01.73	110505	14 75			
1110 5.0	01.72- 01.73	110937	14 200	01.72- 01.73	112233	12
	01.72- 01.73	110233	14 63			
	01.72- 01.73	110505	14 75			
1110 5.7	01.71- 01.73	110233	14 63	01.71- 01.73	112233	12
	01.71- 01.73	110505	14 75			
1110 6.4				01.72- 01.73	112233	12
1200 3.9 D	01.69- 01.70	110075	14 60			
1200 4.4 B	01.68- 01.69	110075	14 60	01.68- 01.69	112233	12
1200 4.4 C	01.68- 01.69	110075	14 60	01.68- 01.69	112233	12
1200 4.4 D	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
1200 5.0 B	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
1200 5.0 C	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
1200 5.0 D	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
1210 3.8	01.71- 01.71	110937	14 200			
	01.71- 01.71	110233	14 63			
	01.71- 01.71	110505	14 75			
1210 4.2	01.72- 01.73	110233	14 63			
	01.72- 01.73	110937	14 200			
	01.72- 01.73	110505	14 75			
1210 5.0	01.72- 01.73	110233	14 63	01.72- 01.73	112233	12
	01.72- 01.73	110937	14 200			
	01.72- 01.73	110505	14 75			
1210 5.7	01.71- 01.73	110233	14 63	01.71- 01.73	112233	12
	01.71- 01.73	110505	14 75			
1210 6.4				01.72- 01.73	112233	12
1300 3.9 D	01.69- 01.70	110075	14 60			
1300 4.4 B	01.68- 01.69	110075	14 60	01.68- 01.69	112233	12
1300 4.4 C	01.68- 01.69	110075	14 60	01.68- 01.69	112233	12
1300 4.4 D	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
1300 5.0 B	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
1300 5.0 C	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
1300 5.0 D	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
1310 3.8	01.71- 01.71	110233	14 63			
	01.71- 01.71	110937	14 200			
	01.71- 01.71	110505	14 75			
1310 4.2	01.72- 01.73	110233	14 63			
	01.72- 01.73	110937	14 200			
	01.72- 01.73	110505	14 75			
1310 5.0	01.72- 01.73	110233	14 63	01.72- 01.73	112233	12
	01.72- 01.73	110937	14 200			
	01.72- 01.73	110505	14 75			
1310 5.0	01.71- 01.72	110233	14 63	01.71- 01.72	112233	12
	01.71- 01.72	110937	14 200			
	01.71- 01.72	110505	14 75			

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





Application list

**INTERNATIONAL** *Continued*

1310 5.7	01.71- 01.73	110233	14 63	01.71- 01.73	112233	12
	01.71- 01.73	110505	14 75			
1310 6.4				01.72- 01.73	112233	12
908B 4.4	01.68- 01.68	110075	14 60	01.68- 01.68	112233	12
908B 5.0	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
908C 4.4	01.68- 01.68	110075	14 60	01.68- 01.68	112233	12
908C 5.0	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
DM10 4.2	01.72- 01.72	110233	14 63			
	01.72- 01.72	110937	14 200			
	01.72- 01.72	110505	14 75			
DM10 5.0	01.72- 01.72	110233	14 63	01.72- 01.72	112233	12
	01.72- 01.72	110937	14 200			
	01.72- 01.72	110505	14 75			
M Series 2.5	01.61- 01.67	110075	14 60	01.61- 01.67	112233	12
M Series 3.6	01.63- 01.65	110075	14 60			
M1100 2.5	01.68- 01.71	110075	14 60	01.68- 01.71	112233	12
M1100 3.2	01.71- 01.71	110233	14 63	01.71- 01.71	112233	12
	01.71- 01.71	110505	14 75			
M1100 3.8	01.69- 01.70	110075	14 60			
M1100 4.2	01.72- 01.72	110233	14 63			
	01.72- 01.72	110505	14 75			
M1100 5.0	01.69- 01.72	110075	14 60	01.69- 01.72	112233	12
M1200 3.8	01.71- 01.71	110233	14 63			
	01.71- 01.71	110505	14 75			
	01.69- 01.70	110075	14 60			
M1200 4.2	01.72- 01.72	110233	14 63			
	01.72- 01.72	110505	14 75			
M1200 4.4	01.68- 01.68	110075	14 60	01.68- 01.68	112233	12
M1200 5.0	01.69- 01.72	110075	14 60	01.69- 01.72	112233	12
M1400 3.8	01.69- 01.69	110075	14 60			
M1400 5.0	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
M800 2.5	01.68- 01.71	110075	14 60	01.68- 01.71	112233	12
M800 2.5 Post office	01.71- 01.71	110233	14 63	01.71- 01.71	112233	12
	01.71- 01.71	110505	14 75			
M800 3.8	01.69- 01.70	110075	14 60			
M800 3.8 Navy	01.69- 01.69	110075	14 60			
M800 3.8 Post office	01.69- 01.70	110075	14 60			
M800 4.2 Post office	01.72- 01.72	110233	14 63			
	01.72- 01.72	110505	14 75			
M800 5.0	01.69- 01.71	110075	14 60	01.69- 01.71	112233	12
M800 5.0 Navy	01.69- 01.69	110075	14 60	01.69- 01.69	112233	12
M800 5.0 Post office	01.69- 01.72	110075	14 60	01.69- 01.72	112233	12
MA1200 3.8	01.71- 01.71	110233	14 63			
	01.71- 01.71	110505	14 75			
	01.69- 01.70	110075	14 60			
MA1200 4.4	01.68- 01.68	110075	14 60	01.68- 01.68	112233	12
MA1200 5.0	01.69- 01.71	110075	14 60	01.69- 01.71	112233	12
MHC1310 4.2	01.74- 01.75	110233	14 63			
	01.74- 01.75	110937	14 200			
	01.74- 01.75	110505	14 75			
MHC1310 5.0	01.74- 01.75	110233	14 63	01.74- 01.75	112233	12
	01.74- 01.75	110937	14 200			
	01.74- 01.75	110505	14 75			
MHC1310 5.0	01.74- 01.75	110233	14 63	01.74- 01.75	112233	12
	01.74- 01.75	110937	14 200			
	01.74- 01.75	110505	14 75			
MS1210 4.2	01.72- 01.75	110233	14 63			
	01.74- 01.75	110937	14 200			
	01.72- 01.75	110505	14 75			
MS1210 5.0	01.74- 01.74	110937	14 200	01.72- 01.74	112233	12
	01.72- 01.74	110233	14 63			
	01.72- 01.74	110505	14 75			
MS1210 5.6	01.75- 01.75	110233	14 63	01.75- 01.75	112233	12
	01.75- 01.75	110505	14 75			
Scout 2.5	01.61- 01.71	110075	14 60	01.61- 01.71	112233	12
Scout 3.2	01.71- 01.80	110233	14 63	01.68- 01.80	112233	12
	01.71- 01.80	110505	14 75			
	01.68- 01.68	110075	14 60			
Scout 3.2 SS2				01.78-	112233	12
Scout 3.2 Terra				01.76- 01.80	112233	12
Scout 3.2	01.76- 01.79	110233	14 63	01.76- 01.79	112233	12
	01.76- 01.79	110505	14 75			
Scout 3.2 Turbo	[6-33T]			01.80- 01.80	112233	12
Scout 3.8	01.71- 01.71	110233	14 63	01.71- 01.71	112233	12
	01.71- 01.71	110505	14 75			
Scout 4.3	01.69- 01.70	110075	14 60	01.69- 01.70	112233	12
Scout 4.4	01.68- 01.68	110075	14 60	01.68- 01.68	112233	12
Scout 5.0	01.71- 01.80	110233	14 63	01.69- 01.80	112233	12
	01.71- 01.80	110505	14 75			
	01.69- 01.70	110075	14 60			
Scout 5.0 SS2	01.78- 01.79	110233	14 63	01.78- 01.79	112233	12
	01.78- 01.79	110505	14 75			
Scout 5.0 Terra	01.76- 01.80	110505	14 75	01.76- 01.80	112233	12
	01.76- 01.80	110233	14 63			
Scout 5.6	01.71- 01.80	110505	14 75	01.71- 01.80	112233	12
	01.71- 01.80	110233	14 63			
Scout 5.6 SS2	01.78- 01.79	110233	14 63	01.78- 01.79	112233	12
	01.78- 01.79	110505	14 75			
Scout 5.6 Terra	01.76- 01.80	110233	14 63	01.76- 01.80	112233	12
	01.76- 01.80	110505	14 75			
Scout 5.7	01.72- 01.74	110505	14 75	01.72- 01.74	112233	12
	01.72- 01.74	110233	14 63			



TRUCKS US							
Various models	01.90-	113739	14	130	01.88- 01.07	112089	12
	01.85- 01.96	110300	28	65			
	08.89-	111232	14	115			
	01.80- 12.94	112989	14	60			
	01.88- 12.94	112993	14	130			
	01.01- 01.07	113579	14	145			
	01.95- 01.07	112834	14	145			
	01.71- 01.78	110504	14	90			
	01.80- 01.89	110801	28	45			
	01.88- 12.96	113432	14	145			
		114351	14	200			
	01.97- 01.00	112824	14	145			
	01.88- 12.92	112994	14	100			
	International Harv.						
AGRICULTURE							
1455 A 6.6	[DT-402]	01.79- 12.96	112160	28	75		
Irmer							
INDUSTRY							
Various models					08.78- 08.82	110536	12 2.7
					07.82-	110512	24 5.4
					04.77-	113464	24 4.0
					01.92-	112555	12 3.1
Iseki							
AGRICULTURE							
234		01.82- 01.84	111042	14	35		
235		01.85- 01.90	111042	14	35		
244		01.82- 01.84	111042	14	35		
245		01.85- 01.90	111042	14	35		
254		01.82- 01.84	111042	14	35		
255		01.85- 01.90	111042	14	35		
265		01.85- 01.90	111042	14	35		
275		01.85- 01.90	111042	14	35		
530			113921	14	40		
			111048	14	40		
2140			111042	14	35		
4451						110933	12 1.4
						111683	12 2.0
SL 3410 3610 3615 3645	[3KC1, 3KR1]				01.85- 01.92	111098	12 1.0
TH185 Compact Tractor	[ISEKI 3112]				01.07-	114860	12 1.1
TM16 Compact Tractor	[ISEKI 3112]				01.07-	114860	12 1.1
TM3215 Compact Tractor	[ISEKI 3112]					114860	12 1.1
TM3245 Compact Tractor	[ISEKI 3112]					114860	12 1.1
TQ13 Compact Tractor	[ISEKI 3112]				01.07-	114860	12 1.1
TQ15 Compact Tractor	[ISEKI 3112]				01.07-	114860	12 1.1
TQ17 Compact Tractor	[ISEKI 3112]				01.07-	114860	12 1.1
TXG237 Compact Tractor	[ISEKI 3112]				01.07-	114860	12 1.1
Various models			114190	14	60		
						110933	12 1.4
Isuzu							
PASSENGER CARS EU							
26 2.0 Diesel					01.81- 01.95	111709	12 2.2
27 2.2 Diesel					01.85- 01.88	111683	12 2.0
					01.85- 01.88	111709	12 2.2
41 2.0 Diesel					01.81- 01.85	110412	12 2.2
					01.81- 01.85	110573	12 2.0
					01.81- 01.85	111709	12 2.2
47 2.2 Diesel					01.85- 01.88	111683	12 2.0
					01.85- 01.88	111709	12 2.2
C190	[4BJ1]				01.85-	111247	24 3.5
Campo 2.2 Diesel	[C223]	04.86- 12.90	110697	14	50	04.86- 12.90	111683 12 2.0
		01.91-	110679	14	60		
Campo 2.2 Diesel 4WD	[C223]	04.86- 12.90	110697	14	50	04.86- 12.90	111683 12 2.0
Campo 2.5 Diesel	[4JA1]	01.83- 12.91	110697	14	50		
Campo 2.5 Diesel 4WD	[4JA1]	01.83- 12.91	110697	14	50	01.83- 12.90	111559 12 2.0
		08.89-	111267	14	50		
D-Max 2.5 Diesel	[4JK1-TC]	01.07-	115683	14	80		
		01.07-	116105*	14	90		
D-Max 2.5 Diesel 4WD	[4JA1-TC]	05.02-	114458	14	60		
D-Max 3.0 Diesel 4WD	[4JH1-TC]	05.02-	114458	14	60		
		05.02-	116107*	14	80		
KB Series							
Midi 2.0	[4ZC1]	06.88-	110679	14	60		
Midi 2.0 4WD	[4ZC1]	09.88-	110679	14	60		
NKR 2.8 Diesel	[4JB1]				01.85- 12.96	111683	12 2.0
Piazza 2.0 Turbo	[4ZC1-T]	06.85- 12.90	110675	14	75		
Rodeo 3.1 TD	[C4JG2]	10.93- 12.97	112228	14	60		
TFR 2.5 Diesel	[4JA1]	01.93-	114371	14	50		
Trooper 2.2 4WD	[C223]	05.84- 07.89	110697	14	50	05.84- 10.88	111683 12 2.0
Trooper 2.2 Diesel	[C223T]				01.83- 12.83	111683	12 2.0
Trooper 2.2 Diesel 4WD	[C223]	11.86- 10.88	110697	14	50	05.84- 10.88	111683 12 2.0
Trooper 2.2 TD	[C223T]	11.86- 10.88	110697	14	50	03.84- 10.88	111683 12 2.0
Trooper 2.3	[4ZD1]	01.86- 10.88	110679	14	60		
Trooper 2.6 i	[4ZE1]	10.87- 01.91	110679	14	60		
Trooper 2.8 TD	[4JB1T]	10.87-	111267	14	50	10.87-	111559 12 2.0
	[4JB1-TC]	10.88-	111267	14	50	10.88-	111559 12 2.0
Trooper 3.0 DTi	[4JX1]	04.00-	112673	14	70		
		01.99-	113698	14	90		
	[4JX1T]	04.00-	112673	14	70		
Trooper 3.1 TD	[4JG2T]	08.91- 07.98	111767	14	80	08.91- 07.98	112083 12 2.8
Trooper 3.2	[6VD1]	08.91- 07.98	113076	14	75		
UBS52 2.2 Diesel					01.84- 01.89	111709	12 2.2
Various models					06.75-	110412	12 2.2
PASSENGER CARS US							
Amigo 2.2	[X22SE]	01.99- 01.00	111426	14	100	01.99- 01.00	111848 12 1.0
		01.98- 01.98	111426	14	100	01.98- 01.98	111848 12 1.0
Amigo 3.2	[6VD1]				01.99- 01.00	113402	12 1.4
					01.98- 01.98	113402	12 1.4

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



**ISUZU** *Continued*

Ascender 5.3		01.03-	112853	14	130				
Hombre 2.2		01.96- 01.97	112614	14	105		01.96- 01.00	112911	12 1.6
Hombre 2.2							01.00- 01.00	112900	12 1.4
Hombre 4.3		01.98- 01.00	112665	14	100		01.97- 01.00	112240	12 1.7
I-Mark 1.6		01.89- 01.89	110679	14	60				
I-Mark 1.8		01.81- 01.84	110248	14	40				
I-Mark 1.8 DLX		01.84- 01.85	110248	14	40				
I-Mark 1.8		01.81- 01.84	110248	14	40				
I-Mark 1.8 DLX		01.84- 01.84	110248	14	40				
Impreza 2.0 Turbo		01.85- 01.89	110675	14	75				
Oasis 2.2 LS							01.96- 01.97	113398	12 1.6
Oasis 2.2 S							01.96- 01.97	113398	12 1.6
Pick Up 2.2		01.81- 01.87	110697	14	50		01.81- 01.87	111683	12 2.0
Pick Up 2.2 Normal cab		01.87- 01.87	110697	14	50		01.87- 01.87	111683	12 2.0
Pick Up 2.2 Turbo		01.86- 01.87	110697	14	50		01.86- 01.87	111683	12 2.0
Pick Up 3.1 Normal cab							01.91- 01.94	112911	12 1.6
Rodeo 2.2	[X22SE]	01.98- 01.01	111426	14	100		01.98- 01.00	111848	12 1.0
Rodeo 2.2 Sport	[X22SE]	01.01- 01.01	111426	14	100				
Rodeo 3.1							01.91- 01.92	111034	12 1.2
							01.91- 01.92	112911	12 1.6
Rodeo 3.2	[6VD1]	01.98- 01.00	113563	14	90		01.98- 01.02	113402	12 1.4
							01.93- 01.97	113402	12 1.4
Rodeo 3.2 Sport	[6VD1]						01.01- 01.04	113402	12 1.4
Trooper 2.2		01.84-	110697	14	50				
Trooper 2.2 Turbo		01.86- 01.87	110697	14	50		01.86- 01.87	111683	12 2.0
Trooper 2.8							01.89- 01.91	112911	12 1.6
Trooper 3.2 LS		01.92- 01.95	113076	14	75		01.92- 01.97	112986	12 1.4
Trooper 3.2 LTD							01.97- 01.97	112986	12 1.4
Trooper 3.2 RS		01.93- 01.95	113076	14	75		01.93- 01.95	112986	12 1.4
Trooper 3.2 S		01.92- 01.97	113076	14	75		01.92- 01.97	112986	12 1.4
Trooper 3.5	[6VE1]						01.98- 01.02	112986	12 1.4
Vehicross 3.5	[6VE1]						01.99- 01.01	112986	12 1.4
<b>PASSENGER CARS AO</b>									
Aska 2.0 Diesel	[4FC1]						04.83- 06.89	110573	12 2.0
D-Max 2.5 Diesel	[4JA1-TC]	10.02-	114458	14	60				
D-Max 2.5 DITD		10.06-	116105*	14	90				
		10.06-	115683	14	80				
D-MAX 3.0 DiTD	[4JH1-TC]	10.02-	114458	14	60				
TFR/TFS Pick-up 2.5 Diesel	[4JA1]						07.94- 08.99	114429	12 2.0
TFR/TFS Pick-up 2.8 Diesel	[4JB1]						10.91-	114429	12 2.0
<b>TRUCKS EU</b>									
150	[4BJ1]						01.82-	111247	24 3.5
250	[4BJ1]						01.82-	111247	24 3.5
ELF 5.0	[4JH1]	01.02-	114428	14	100				
FRR33 Series	[6HH1MTC]							114474	24 5.0
N Series			115630	28	50				
NHR 3.1 Diesel	[4JG2]	01.98-	114373	14	80				
NKR 3.1 Diesel	[4JG2]	01.98-	114373	14	80				
NKR 3.3 Diesel	[4BC2]	07.85- 12.96	111493	28	35		02.86- 12.96	110723	24 3.5
		02.86- 12.96	114426	28	40				
NKR 3.6	[4BE1]	06.87-	111493	28	35		NKR66	113675	24 4.0
		01.90- 01.98	114368	28	25				
NKR 4.3	[4BG1]	01.90- 01.98	114368	28	25				
NKR	[3100]	01.97-	114427	14	100				
NPR 3.3 Diesel	[4BC2]	10.84- 12.95	111493	28	35		10.84- 12.95	110723	24 3.5
		10.84- 12.95	114426	28	40				
NPR 3.9	[4BD1]	10.84- 12.96	111493	28	35		10.84- 12.96	113428	12 2.5
		01.86- 01.90	113412	14	70				
		10.90- 12.97	113413	14	70				
NPR	[4HF1]	01.98-	114014	28	60				
		01.98-	114782	28	50				
		01.98-	116108*	28	50				
	[4HG1]	01.98-	114014	28	60				
		01.98-	116108*	28	50				
	[4HJ1]	01.98-	114014	28	60				
		01.98-	116108*	28	50				
Various models			114366	28	40			114346	24 5.5
								114442	24 6.0
								114474	24 5.0
WFR12 2.0	[4CZ1]	12.85-	110679	14	60				
<b>FORK LIFTS</b>									
C240	[4BJ1]						01.78-	111247	24 3.5
<b>INDUSTRY</b>									
Engine	[4BG1TC]							114324	24 4.5
Various models	[4JH1]		114802	14	60				
<b>MOTORS</b>									
4JB1								114185	24 3.2
Engine 8.4 Diesel	[6SA1]						01.86-	114420	24 5.5
Engine	[3K-C1]	01.83- 01.96	113347	14	20				
	[3K-R1]		113416	28	20				
	[3LB1]		115691	14	20				
	[3LD1]		115691	14	20				
	[6BB1]							110580	24 4.5
	[6BD1T]	01.85-	111051	28	25			113132	12 2.2
								110580	24 4.5
								112649	24 4.5
	[6BF1]							110580	24 4.5
	[6BG1]							110580	24 4.5
	[6WG1T]		115315	28	50				
<b>Iveco</b>									
<b>PASSENGER CARS EU</b>									
29 L 10 2.3 Diesel	[F1AE0481A]	09.02-	113279	14	110		09.02-	112441	12 2.3
		09.02-	114765	14	140		09.02-	115505	12 2.3 A49
	[F1AE0481FA]	05.06- 06.06	113279	14	110		05.06- 06.06	112441	12 2.3
		05.06- 06.06	114306	14	180		05.06- 06.06	115505	12 2.3 A49
		05.06- 06.06	114765	14	140				



29 L 11 2.8 Diesel	[8140.43B]	05.99-	112407	14 90	05.99-	112441	12 2.3
	[8140.43C]	05.99-	112407	14 90	05.99- 09.02	115505	12 2.3 A49
29 L 12 2.3 Diesel	[F1AE0481B]	09.02-	113279	14 110	09.02-	112441	12 2.3
		09.02-	114765	14 140	09.02-	115505	12 2.3 A49
	[F1AE0481GA]	05.06-	113279	14 110	05.06-	112441	12 2.3
		05.06-	114306	14 180	05.06-	115505	12 2.3 A49
29 L 13 2.8 Diesel	[8140.43S]	05.01- 09.04	112407	14 90	05.01- 09.04	112441	12 2.3
					05.01- 09.04	115505	12 2.3 A49
29 L 14 2.3 Diesel	[F1AE0481HA]	05.06-	113279	14 110	05.06-	112441	12 2.3
		05.06-	114306	14 180	05.06-	115505	12 2.3 A49
		05.06-	114765	14 140			
	[F1AE0481M]	01.05- 04.06	113279	14 110	01.05- 04.06	112441	12 2.3
29 L 9 2.8 Diesel	[8140.43R]	11.01- 04.06	112407	14 90	09.04- 04.06	115505	12 2.3 A49
					11.01- 04.06	112441	12 2.3
29 L 9 V 2.8 Diesel	[8140.43R]	11.01- 04.06	112407	14 90	11.01- 04.06	112441	12 2.3
					11.01- 04.06	115505	12 2.3 A49
33 S 11 2.3 Diesel	[F1AE3481A]				03.14-	112441	12 2.3
					03.14-	115505	12 2.3 A49
	[F1AE3481B]				03.14-	112441	12 2.3
33 S 11 3.0	[F1AE3481C]				03.14-	112441	12 2.3
					03.14-	115505	12 2.3 A49
	[F1AE3481C]				03.14-	112441	12 2.3
33 S 11 3.0 Diesel	[F1CE3481D]				03.14-	112441	12 2.3
					03.14-	115505	12 2.3 A49
33 S 11 3.0 Diesel	[F1CE3481K]				03.14-	112441	12 2.3
					03.14-	115505	12 2.3 A49
33 S 11 3.0 Diesel 4x4	[F1CFL411H]				08.15-	112441	12 2.3
					08.15-	115505	12 2.3 A49
33 S 13 2.3	[F1AFL411B]				03.14-	112441	12 2.3
					03.14-	115505	12 2.3 A49
33S11 35S11 35C11 2.3	[F1AFL411A]				03.14-	112441	12 2.3
					03.14-	115505	12 2.3 A49
33S11 35S11 35C11 2.3 Diesel	[F1AE3481A]				03.14-	112441	12 2.3
					03.14-	115505	12 2.3 A49
	[F1AE3481C]				03.14-	112441	12 2.3
					03.14-	115505	12 2.3 A49
33S11 35S11 35C11 3.0 Natural	[F1CFA401A, F1CFA401B]	03.14-	115458	14 150	03.14-	112441	12 2.3
					03.14-	115505	12 2.3 A49
33S11 35S11 35C11 3.0 Diesel	[F1CFL411G]	03.14-	116035*	14 150	03.14-	112441	12 2.3
					03.14-	115505	12 2.3 A49
33S15 35S15 35C15 2.3	[F1AFL411C]				03.14-	112441	12 2.3
					03.14-	115505	12 2.3 A49
35 C 10 2.3 Diesel	[F1AE0481A]	09.02-	113279	14 110	09.02-	112441	12 2.3
		09.02-	114765	14 140	09.02-	115505	12 2.3 A49
	[F1AE0481FA]	05.06-	113279	14 110	05.06-	112441	12 2.3
		05.06-	114306	14 180	05.06-	115505	12 2.3 A49
35 C 11 2.3	[F1AE0481FA]	07.09-	113279	14 110	07.09-	112441	12 2.3
		07.09-	114306	14 180	07.09-	115505	12 2.3 A49
35 C 11 2.3 Diesel	[F1AFL411A]				07.09-	112441	12 2.3
					03.14-	115505	12 2.3 A49
35 C 11 2.8 Diesel	[8140.43C]	05.99-	112407	14 90	05.99- 09.02	112441	12 2.3
					05.99- 03.06	115505	12 2.3 A49
35 C 12 2.3 Diesel	[F1AE0481B]	09.02-	113279	14 110	09.02-	112441	12 2.3
		09.02-	114765	14 140	09.02-	115505	12 2.3 A49
	[F1AE0481GA]	05.06-	113279	14 110	05.06-	112441	12 2.3
		05.06-	114306	14 180	05.06-	115505	12 2.3 A49
35 C 13 2.3	[F1AE0481GA]	05.06-	114765	14 140			
		07.09-	113279	14 110	07.09-	112441	12 2.3
35 C 14 3.0	[F1CCNG]	07.09-	114082	14 180 A49	07.09-	112441	12 2.3
		07.09-	114705	14 140	07.09-	115505	12 2.3 A49
		07.09-	115458	14 150			
35 C 14 3.0 Diesel	[F1CE3481LC]	07.09-	115490	14 140 A49			
		07.09-	116043	14 180			
		07.09-	114082	14 180 A49			
		07.09-	114705	14 140			
35 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06	114705	14 140	09.04- 04.06	112441	12 2.3
		09.04- 04.06	115490	14 140 A49	09.04- 04.06	115505	12 2.3 A49
35 C 15 2.8 Diesel	[8140.43N]	11.01-	112407	14 90	11.01-	112441	12 2.3
					11.01-	115505	12 2.3 A49
35 C 15 3.0 Diesel	[F1CE0481FA]	05.06-	114705	14 140	05.06-	112441	12 2.3
		05.06-	115458	14 150	05.06-	115505	12 2.3 A49
		05.06-	115490	14 140 A49			
35 C 17 3.0	[F1CE0481HA]	07.09-	114705	14 140	07.09-	115505	12 2.3 A49
		07.09-	115490	14 140 A49	07.09-	112441	12 2.3
35 C 17 3.0 Diesel	[F1CE0481B]	01.05- 04.06	114705	14 140	01.05- 04.06	112441	12 2.3
		01.05- 04.06	115490	14 140 A49	01.05- 04.06	115505	12 2.3 A49
35 C 18 3.0 Diesel	[F1CE0481HA]	05.06-	114705	14 140	05.06-	112441	12 2.3
		05.06-	115458	14 150	05.06-	115505	12 2.3 A49
		05.06-	115490	14 140 A49			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

IVECO Continued

35 C 9 2.8 Diesel	[8140.43R]	11.01- 04.06	112407	14 90	11.01- 04.06	112441	12 2.3
	[8140.63]	05.99- 12.01	112407	14 90	11.01- 04.06	115505	12 2.3 A49
35 S 10 2.3 Diesel	[F1AE0481A]	09.02-	113279	14 110	09.02-	112441	12 2.3
		09.02-	114765	14 140	09.02-	115505	12 2.3 A49
	[F1AE0481FA]	05.06-	113279	14 110	05.06-	112441	12 2.3
		05.06-	114306	14 180	05.06-	115505	12 2.3 A49
35 S 11 2.3	[F1AE0481FA]	07.09-	113279	14 110	07.09-	112441	12 2.3
		07.09-	114306	14 180	07.09-	115505	12 2.3 A49
35 S 11 2.8 Diesel	[8140.43C]	05.99-	112407	14 90	05.99-	112441	12 2.3
					05.99-	115505	12 2.3 A49
35 S 12 2.3 Diesel	[F1AE0481B]	09.02- 05.06	113279	14 110	09.02- 05.06	112441	12 2.3
		09.02- 05.06	114765	14 140	09.02- 05.06	115505	12 2.3 A49
	[F1AE0481GA]	05.06-	113279	14 110	05.06-	112441	12 2.3
		05.06-	114306	14 180	05.06-	115505	12 2.3 A49
35 S 13 2.3	[F1AE0481GA]	07.09-	113279	14 110	07.09-	112441	12 2.3
		07.09-	114306	14 180	07.09-	115505	12 2.3 A49
35 S 13 2.8 Diesel	[8140.43S]	05.99- 05.06	112407	14 90	05.99- 05.06	112441	12 2.3
					05.99- 05.06	115505	12 2.3 A49
35 S 14 2.3	[F1AE0481HA]	07.09-	113279	14 110	07.09-	112441	12 2.3
		07.09-	114306	14 180	07.09-	115505	12 2.3 A49
		07.09-	114765	14 140			
35 S 14 2.3 Diesel	[F1AE0481HA]	05.06-	113279	14 110	05.06-	112441	12 2.3
		05.06-	114306	14 180	05.06-	115505	12 2.3 A49
		05.06-	114765	14 140			
35 S 14 3.0	[F1CCNG]	07.09-	114082	14 180 A49	07.09-	112441	12 2.3
		07.09-	114705	14 140	07.09-	115505	12 2.3 A49
		07.09-	115458	14 150			
		07.09-	115490	14 140 A49			
		07.09-	116043	14 180			
35 S 14 3.0	[F1CE3481LC]	07.09-	114705	14 140			
		07.09-	115490	14 140 A49			
35 S 14 3.0 Diesel	[F1CE0481A]	01.04- 05.06	114705	14 140	01.04- 05.06	112441	12 2.3
		01.04- 05.06	115490	14 140 A49	01.04- 05.06	115505	12 2.3
35 S 15 2.8 Diesel	[8140.43N]	11.01-	112407	14 90	11.01-	112441	12 2.3
					11.01-	115505	12 2.3 A49
35 S 17 3.0	[F1CE0481HA]	07.09-	114082	14 180 A49	07.09-	112441	12 2.3
		07.09-	114705	14 140	07.09-	115505	12 2.3 A49
		07.09-	115490	14 140 A49			
		07.09-	116043	14 180			
35 S 17 3.0 Diesel	[F1CE0481B]	01.05- 04.06	114705	14 140	01.05- 04.06	112441	12 2.3
		01.05- 04.06	115490	14 140 A49	01.05- 04.06	115505	12 2.3 A49
35 S 18 3.0 Diesel	[F1CE0481HA]	05.06-	114705	14 140	05.06-	112441	12 2.3
		05.06-	115458	14 150	05.06-	115505	12 2.3 A49
		05.06-	115490	14 140 A49			
35 S 9 2.8 Diesel	[8140.43R]	11.01- 04.06	112407	14 90	11.01- 04.06	112441	12 2.3
	[8140.63]	05.99-	112407	14 90	11.01- 04.06	115505	12 2.3 A49
35-10 2.4 Diesel	[8140.21.200]	01.85- 12.89	115873	14 55 A49	01.85- 12.89	110814	12 2.7
		02.85- 06.89	111418	14 60	02.85- 06.89	111693	12 2.5
		02.85- 06.89	112453	14 85	02.85- 06.89	111996	12 2.2
35-10 2.5 Diesel	[8140.47R]	01.89- 08.98	115873	14 55 A49	01.89- 08.98	111996	12 2.2
		07.92- 04.97	111418	14 60	07.92- 04.97	111693	12 2.5
	[8140.47R.2790]	01.89- 08.98	115873	14 55 A49	01.89- 12.96	111996	12 2.2
		07.92- 04.97	111418	14 60	01.89- 04.97	111693	12 2.5
35-10 2.8 Diesel	[8140.97.2781]	01.89- 12.96	115873	14 55 A49	01.89- 12.96	111996	12 2.2
		07.92- 12.96	111418	14 60	01.89- 12.96	111693	12 2.5
35-10 2.8 Diesel	[8140.23]	05.96- 05.99	112406	14 90	01.96- 05.99	111996	12 2.2
35-11 2.8					05.99-	112441	12 2.3
35-12 2.5 Diesel	[8140.47.2700]	01.90-	110890	14 55	01.90- 04.96	111693	12 2.5
		01.90- 05.96	111418	14 60	01.90- 04.96	111996	12 2.2
		01.90- 04.96	115873	14 55 A49			
		10.90- 04.96	112453	14 85			
35-12 2.8 Diesel	[8140.43]	05.96- 08.98	112406	14 90	05.96- 05.99	111996	12 2.2
35-13 2.8					05.99-	112441	12 2.3
35-8 2.4 Diesel	[8140.61.200]	04.78- 06.89	110890	14 55	04.78- 06.89	111996	12 2.2
					01.78- 12.89	110814	12 2.7
35-8 2.5 Diesel	[8140.07.2700]	01.89- 08.98	111418	14 60	01.89- 08.98	111996	12 2.2
		01.89- 08.98	115873	14 55 A49	01.89- 08.98	111693	12 2.5
	[8140.07.2712]	01.89- 08.98	111418	14 60	07.89- 04.96	111693	12 2.5
		01.89- 08.98	115873	14 55 A49	01.89- 08.98	111996	12 2.2
	[8140.67F]	01.89- 08.98	111418	14 60	01.91- 08.98	111996	12 2.2
		01.89- 08.98	115873	14 55 A49			
	[8140.67F.3701]	01.91- 08.98	111418	14 60	01.91- 08.98	111996	12 2.2
		01.91- 08.98	115873	14 55 A49			
	[8140.67F.3710]	01.91- 08.98	111418	14 60	01.91- 08.98	111996	12 2.2
		01.91- 08.98	115873	14 55 A49			
	[8140.67F.3711]	01.91- 08.98	111418	14 60	01.91- 08.98	111996	12 2.2
		01.91- 08.98	115873	14 55 A49			
[8140.67F.3713]	01.91- 08.98	111418	14 60	01.91- 08.98	111996	12 2.2	
	01.91- 08.98	115873	14 55 A49				
[8140.67F.3721]	01.91- 08.98	111418	14 60	01.91- 08.98	111996	12 2.2	
	01.91- 08.98	115873	14 55 A49				
35-8 2.8 Diesel	[8140.63.]	09.98- 05.99	112406	14 90	09.98- 05.99	111996	12 2.2
35-9 2.8					05.99-	112441	12 2.3
35S14 2.3	[F1AE0481HA]	05.06-	113279	14 110	05.06-	112441	12 2.3
		05.06-	114306	14 180	05.06-	115505	12 2.3 A49
		05.06-	114765	14 140			



35S14G 3.0	[F1CE0441A]	07.09-	114082	14 180 A49	07.09-	112441	12 2.3
		07.09-	114705	14 140	07.09-	115505	12 2.3 A49
		07.09-	115458	14 150			
		07.09-	115490	14 140 A49			
		07.09-	116043	14 180			
35S17 35C17 40C17 50C17 55S17 65C17 70C17 3.0	[F1CFL411F]				03.14-	112441	12 2.3
	[F1CFL411H]				03.14-	115505	12 2.3 A49
					03.14-	112441	12 2.3
35S21 35C21 40C21 50C21 65C21 70C21 3.0	[F1CE3481D]				03.14-	115505	12 2.3 A49
	[F1CFL411G]				03.14-	112441	12 2.3
					03.14-	115505	12 2.3 A49
40 C 10 2.3 Diesel	[F1AE0481FA]	05.06- 05.06-	113279 114765	14 110 14 140	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
40 C 11 2.3	[F1AE0481FA]	07.09-	113279	14 110	07.09-	112441	12 2.3
		07.09-	114306	14 180	07.09-	115505	12 2.3 A49
		07.09-	114765	14 140			
40 C 12 2.3 Diesel	[F1AE0481GA]	05.06- 05.06-	113279 114765	14 110 14 140	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
		07.09- 07.09-	113279 114306	14 110 14 180	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 C 13 2.3	[F1AE0481GA]	07.09- 07.09-	113279 114306	14 110 14 180	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
		07.09-	114765	14 140			
40 C 14 2.3 Diesel	[F1AE0481GA]	05.06- 05.06-	113279 114765	14 110 14 140	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
40 C 14 3.0	[F1CCNG]	07.09-	114082	14 180 A49	07.09-	112441	12 2.3
		07.09-	114705	14 140	07.09-	115505	12 2.3 A49
		07.09-	115458	14 150			
		07.09-	115490	14 140 A49			
		07.09-	116043	14 180			
40 C 14 3.0	[F1CE3481LC]	07.09-	114082	14 180 A49	07.09-	112441	12 2.3
		07.09-	114705	14 140	07.09-	115505	12 2.3 A49
		07.09-	114765	14 140			
		07.09-	115490	14 140 A49			
		07.09-	116043	14 180			
40 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06	114705	14 140	09.04- 04.06	112441	12 2.3
		09.04- 04.06	115490	14 140 A49	09.04- 04.06	115505	12 2.3 A49
40 C 15 2.8 Diesel	[8140.43N]	11.01- 04.06	112407	14 90	11.01- 04.06	112441	12 2.3
40 C 15 3.0 Diesel	[F1CE0481FA]	05.06- 05.06-	114705 115458	14 140 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
		05.06-	115490	14 140 A49			
		07.09- 07.09-	114082 114705	14 180 A49 14 140	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 C 17 3.0	[F1CE0481HA]	07.09- 07.09-	114082 114705	14 180 A49 14 140	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
		07.09- 07.09-	115490 116043	14 140 A49 14 180			
		01.04- 05.06 01.04- 05.06	114705 115490	14 140 14 140 A49	01.04- 05.06 01.04- 05.06	112441 115505	12 2.3 12 2.3 A49
40 C 18 3.0 Diesel	[F1CE0481HA]	05.06- 05.06-	114705 115458	14 140 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
		05.06-	115490	14 140 A49			
		05.06- 05.06-	113279 114765	14 110 14 140	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
40 S 10 2.3 Diesel	[F1AE0481FA]	05.06- 05.06-	113279 114765	14 110 14 140	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
		07.09- 07.09-	113279 114306	14 110 14 180	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
		07.09-	114765	14 140			
40 S 13 2.3	[F1AE0481GA]	07.09- 07.09-	113279 114306	14 110 14 180	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
		07.09-	114765	14 140			
		07.09- 07.09-	114082 114705	14 180 A49 14 140	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
40 S 14 3.0	[F1CCNG]	07.09- 07.09-	114082 114705	14 180 A49 14 140	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
		07.09- 07.09-	115458 115490	14 150 14 140 A49			
		07.09-	116043	14 180			
		07.09- 07.09-	114082 114705	14 180 A49 14 140	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
		07.09- 07.09-	114765 115490	14 140 14 140 A49			
40 S 14 3.0	[F1CE3481LC]	07.09- 07.09-	114082 114705	14 180 A49 14 140	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
		07.09- 07.09-	114765 115490	14 140 14 140 A49			
		07.09-	116043	14 180			
		07.09- 07.09-	114082 114705	14 180 A49 14 140	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
		07.09- 07.09-	114765 115490	14 140 14 140 A49			
40 S 17 3.0	[F1CE0481HA]	07.09- 07.09-	114082 114705	14 180 A49 14 140	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49
		07.09- 07.09-	115490 116043	14 140 A49 14 180			
		01.05- 04.06 01.05- 04.06	114705 115490	14 140 14 140 A49	01.05- 04.06 01.05- 04.06	112441 115505	12 2.3 12 2.3 A49
40-10 2.4 Diesel	[8140.27S]	01.85- 12.89	110890	14 55	01.85- 12.89	110814	12 2.7
		01.85- 12.89	111418	14 60	01.85- 12.89	111693	12 2.5
		01.85- 12.89	115873	14 55 A49			
40-10 2.5 Diesel	[8140.27.2720]	01.90- 12.96	111418	14 60	02.85- 06.89	110814	12 2.7
		01.90- 12.96	115873	14 55 A49	01.90- 12.96	111693	12 2.5
40-10 2.8 Diesel	[8140.23]	09.96- 05.99	112406	14 90	09.96- 05.99	111996	12 2.2
					01.97- 05.99	111996	12 2.2
40-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14 90	05.96- 05.99	111996	12 2.2
40-8 2.4 Diesel	[8140.61.200]	01.83- 06.89	110882	14 45	01.83- 06.89	111996	12 2.2
		01.83- 06.89	110890	14 55			
		01.83- 06.89	111418	14 60			
		01.83- 06.89	115873	14 55 A49			
40C15 50C15 65C15 3.0 Diesel					03.14-	112441	12 2.3
					03.14-	115505	12 2.3 A49
40C17 50C17 65C17 3.0 Diesel					03.14-	112441	12 2.3
					03.14-	115505	12 2.3 A49
45 C 14 3.0	[F1CE3481LC]				07.09-	112441	12 2.3
					07.09-	115505	12 2.3 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VECO Continued

45 C 15 3.0 Diesel	[F1CE0481FA]	05.06-	114705	14	140	05.06-	112441	12	2.3
		05.06-	115490	14	140 A49	05.06-	115505	12	2.3 A49
45 C 17 3.0	[F1CE0481HA]					07.09-	112441	12	2.3
						07.09-	115505	12	2.3 A49
45 C 18 3.0 Diesel	[F1CE0481HA]	05.06-	114705	14	140	05.06-	112441	12	2.3
		05.06-	115490	14	140 A49	05.06-	115505	12	2.3 A49
45-10 2.4 Diesel	[8140.21.200]	01.85- 12.89	115873	14	55 A49	01.85- 12.89	110814	12	2.7
		02.85-	110890	14	55				
		02.85- 06.89	111418	14	60	02.85- 06.89	111693	12	2.5
		02.85- 06.89	112453	14	85	02.85- 06.89	111996	12	2.2
45-10 2.5 Diesel	[8140.27.2720]	01.89- 04.96	111418	14	60	09.89- 04.96	111693	12	2.5
		01.89- 04.96	115873	14	55 A49				
		09.89- 04.96	112453	14	85				
45-10 2.8 Diesel	[8140.23]	05.96- 05.99	112406	14	90	05.96- 05.99	111996	12	2.2
45-12 2.5 Diesel	[8140.47.2711]	06.90- 04.96	111418	14	60	06.90- 04.96	111693	12	2.5
		06.90- 04.96	112453	14	85				
		06.90- 04.96	115873	14	55 A49				
		06.90- 04.96	111418	14	60	06.90- 04.96	111693	12	2.5
		06.90- 04.96	112453	14	85				
45-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14	90	05.96- 05.99	111996	12	2.2
49-10 2.4 Diesel	[8140.21.200]	01.85- 12.89	115873	14	55 A49	02.85- 06.89	111996	12	2.2
		02.85-	110890	14	55				
		02.85- 06.89	111418	14	60	01.85- 12.89	110814	12	2.7
		02.85- 06.89	112453	14	85	02.85- 06.89	111693	12	2.5
49-10 2.5 Diesel	[8140.27.2700]	01.89- 04.96	111418	14	60	01.89- 04.96	111693	12	2.5
		01.89- 04.96	115873	14	55 A49				
		01.89- 04.96	111418	14	60	01.89- 04.97	111693	12	2.5
	[8140.47R.2790]	01.89- 04.96	112453	14	85				
		01.89- 04.96	115873	14	55 A49				
49-10 2.8 Diesel	[8140.23]	05.96- 05.99	112406	14	90	05.96- 05.99	111996	12	2.2
49-11 2.8						05.99-	112441	12	2.3
49-12 2.5 Diesel	[8140.47.2711]	06.90- 04.96	111418	14	60	06.90- 04.96	111693	12	2.5
		06.90- 04.96	112453	14	85				
		06.90- 04.96	115873	14	55 A49				
		06.90- 04.96	111418	14	60	06.90- 04.96	111693	12	2.5
		06.90- 04.96	112453	14	85				
49-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14	90	05.96- 05.99	111996	12	2.2
50 C 11 2.8 CNG CNG	[8149.03]	05.02- 05.06	112407	14	90	05.02- 05.06	111996	12	2.2
50 C 11 2.8 CNG Natural Power	[8149.03]	05.99- 04.06	112407	14	90	05.99- 04.06	111996	12	2.2
50 C 11 2.8 Diesel	[8140.43C]	05.99-	112407	14	90	05.99-	112441	12	2.3
						05.99-	115505	12	2.3 A49
50 C 13 2.8 Diesel	[8140.43S]	05.99-	112407	14	90	05.99-	112441	12	2.3
						05.99-	115505	12	2.3 A49
50 C 14 3.0	[F1CCNG]	07.09-	114082	14	180 A49				
		07.09-	114705	14	140	07.09-	112441	12	2.3
		07.09-	115458	14	150	07.09-	115505	12	2.3 A49
		07.09-	115490	14	140 A49				
		07.09-	116043	14	180				
50 C 14 3.0	[F1CE3481LC]	07.09-	114082	14	180 A49				
		07.09-	114705	14	140	07.09-	112441	12	2.3
		07.09-	115458	14	150	07.09-	115505	12	2.3 A49
		07.09-	115490	14	140 A49				
		07.09-	116043	14	180				
50 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06	114705	14	140	09.04- 04.06	112441	12	2.3
		09.04- 04.06	115490	14	140 A49	09.04- 04.06	115505	12	2.3 A49
50 C 15 2.8 Diesel	[8140.43N]	05.99- 05.06	112407	14	90	05.99- 05.06	112441	12	2.3
50 C 15 3.0 Diesel	[F1CE0481FA]	05.06-	114705	14	140	05.06-	112441	12	2.3
		05.06-	115458	14	150	05.06-	115505	12	2.3 A49
		05.06-	115490	14	140 A49				
50 C 17 3.0	[F1CE0481HA]	07.09-	114082	14	180 A49	07.09-	112441	12	2.3
		07.09-	114705	14	140	07.09-	115505	12	2.3 A49
		07.09-	115490	14	140 A49				
		07.09-	116043	14	180				
50 C 17 3.0 Diesel	[F1CE0481B]	09.04- 04.06	114705	14	140	09.04- 04.06	112441	12	2.3
		09.04- 04.06	115490	14	140 A49	09.04- 04.06	115505	12	2.3 A49
50 C 18 3.0 Diesel	[F1CE0481HA]	05.06-	114705	14	140	05.06-	112441	12	2.3
		05.06-	115458	14	150				
		05.06-	115490	14	140 A49	05.06-	115505	12	2.3 A49
50-11 2.8						05.99-	112441	12	2.3
50C H3 Electric 50C H3 Electric						10.15-	112441	12	2.3
						10.15-	115505	12	2.3 A49
55 S 17 3.0	[F1CE0481HA]	07.09-	114082	14	180 A49				
		07.09-	114705	14	140	07.09-	112441	12	2.3
		07.09-	115458	14	150	07.09-	115505	12	2.3 A49
		07.09-	115490	14	140 A49				
		07.09-	116043	14	180				
59-12 2.5 Diesel	[8140.47.2700]	05.91- 04.96	111418	14	60	05.91- 04.96	111693	12	2.5
		05.91- 04.96	112453	14	85				
		05.91- 04.96	115873	14	55 A49				
		05.91- 04.96	111418	14	60	05.91- 04.96	111693	12	2.5
	[8140.47.2711]	05.91- 04.96	112453	14	85				
		05.91- 04.96	115873	14	55 A49				
59-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14	90	05.96- 05.99	111996	12	2.2
60 C 14 3.0	[F1CE3481LC]	07.09-	114082	14	180 A49	07.09-	115505	12	2.3 A49
		07.09-	114705	14	140	07.09-	112441	12	2.3
		07.09-	116043	14	180				
60 C 15 3.0 Diesel	[F1CE0481FA]	05.06-	114705	14	140	05.06-	112441	12	2.3
		05.06-	115490	14	140 A49	05.06-	115505	12	2.3 A49
60 C 17 3.0	[F1CE0481HA]	07.09-	114705	14	140	07.09-	112441	12	2.3
		07.09-	115490	14	140 A49	07.09-	115505	12	2.3 A49
		07.09-	115490	14	140 A49				
60 C 18 3.0 Diesel	[F1CE0481HC]	05.06-	114705	14	140	05.06-	112441	12	2.3
		05.06-	115490	14	140 A49	05.06-	115505	12	2.3 A49



65 C 14 3.0	[F1CCNG]	07.09-	114082	14 180 A49	07.09-	112441	12 2.3
		07.09-	114705	14 140	07.09-	115505	12 2.3 A49
		07.09-	115458	14 150			
		07.09-	115490	14 140 A49			
		07.09-	116043	14 180			
65 C 14 3.0	[F1CE3481LC]	07.09-	114082	14 180 A49			
		07.09-	114705	14 140			
		07.09-	115490	14 140 A49			
		07.09-	116043	14 180			
65 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06	114705	14 140	09.04- 04.06	112441	12 2.3
		09.04- 04.06	115490	14 140 A49	09.04- 04.06	115505	12 2.3 A49
65 C 15 2.8 Diesel	[8140.43N]	11.01-	112407	14 90	11.01-	112441	12 2.3
65 C 15 3.0 Diesel	[F1CE0481FA]	05.06-	114705	14 140	05.06-	112441	12 2.3
		05.06-	115458	14 150	05.06-	115505	12 2.3 A49
		05.06-	115490	14 140 A49			
65 C 17 3.0	[F1CE0481HA]	07.09-	114082	14 180 A49	07.09-	112441	12 2.3
		07.09-	114705	14 140	07.09-	115505	12 2.3 A49
		07.09-	115490	14 140 A49			
		07.09-	116043	14 180			
65 C 17 3.0 Diesel	[F1CE0481B]	09.04- 04.06	114705	14 140	09.04- 04.06	112441	12 2.3
		09.04- 04.06	115490	14 140 A49	09.04- 04.06	115505	12 2.3 A49
65 C 18 3.0 Diesel	[F1CE0481HC]	05.06-	114705	14 140	05.06-	112441	12 2.3
		05.06-	115458	14 150	05.06-	115505	12 2.3 A49
		05.06-	115490	14 140 A49			
70 C 14 3.0	[F1CE3481LC]	07.09-	114082	14 180 A49	07.09-	112441	12 2.3
		07.09-	114705	14 140	07.09-	115505	12 2.3 A49
		07.09-	115458	14 150			
		07.09-	115490	14 140 A49			
		07.09-	116043	14 180			
70 C 17 3.0	[F1CE0481HA]	07.09-	114082	14 180 A49	07.09-	112441	12 2.3
		07.09-	114705	14 140	07.09-	115505	12 2.3 A49
		07.09-	115490	14 140 A49			
		07.09-	116043	14 180			
Daily Citys Bus 3.0 50C Natural Power		10.15-	115458	14 150	10.15-	112441	12 2.3
					10.15-	115505	12 2.3 A49
Daily Citys Bus 3.0 Diesel	[F1CFL411E]				06.14-	112441	12 2.3
					06.14-	115505	12 2.3 A49
					06.14-	112441	12 2.3
Daily Citys Bus 50C H3 Electric					06.14-	115505	12 2.3 A49
					10.15-	112441	12 2.3
Daily II 2.8 4x4	[8140.43.]	02.95- 05.99	111418	14 60	02.95- 05.99	111996	12 2.2
		02.95- 05.99	112406	14 90			
Daily III 2.8 CNG CNG	[8149.03]	02.95- 05.99	115873	14 55 A49			
		05.99-	112407	14 90	05.99-	111996	12 2.2
Daily III 2.8	[8140.23.]	11.97- 07.07	111418	14 60	11.97- 07.07	111996	12 2.2
		11.97- 07.07	112406	14 90			
		11.97- 07.07	115873	14 55 A49			
Daily Line Bus 3.0 CNG CNG	[F1CFA401A]	06.14-	115458	14 150	06.14-	112441	12 2.3
					06.14-	115505	12 2.3 A49
Daily Line Bus 3.0 Diesel	[F1CFL411E]				06.14-	112441	12 2.3
					06.14-	115505	12 2.3 A49
					06.14-	112441	12 2.3
Daily Tourys Bus 3.0 Diesel	[F1CFL411F]				06.14-	115505	12 2.3 A49
					06.14-	112441	12 2.3
Daily V 2.3	[F1AE3481A]	09.11-	113279	14 110	09.11-	112441	12 2.3
		09.11-	114765	14 140	09.11-	115505	12 2.3 A49
	[F1AE3481B]	09.11-	113279	14 110	09.11-	115505	12 2.3 A49
		09.11-	114705	14 140			
		09.11-	114765	14 140			
	[F1AE3481C]	09.11-	115458	14 150	09.11-	112441	12 2.3
		09.11-	115490	14 140 A49			
		09.11-	113279	14 110	09.11-	112441	12 2.3
Daily V 2.3 Diesel	[F1AE3481C]	09.11-	114765	14 140	09.11-	115505	12 2.3 A49
		09.11-	115458	14 150			
		09.11-	113279	14 110	09.11-	112441	12 2.3
		09.11-	114306	14 180	09.11-	115505	12 2.3 A49
		09.11-	114765	14 140			
Daily V 3.0	[F1CE3481C]	09.11-	114705	14 140	09.11-	112441	12 2.3
		09.11-	115458	14 150	09.11-	115505	12 2.3 A49
		09.11-	115490	14 140 A49			
	[F1CE3481C,F1CE3481K]	09.11-	114705	14 140	09.11-	112441	12 2.3
		09.11-	115458	14 150	09.11-	115505	12 2.3 A49
		09.11-	115490	14 140 A49			
	[F1CE3481D]	09.11-	115458	14 150	09.11-	112441	12 2.3
					09.11-	115505	12 2.3 A49
	[F1CE3481J]	09.11-	113279	14 110	09.11-	112441	12 2.3
		09.11-	114705	14 140	09.11-	115505	12 2.3 A49
		09.11-	114765	14 140			
		09.11-	115458	14 150			
09.11-		115490	14 140 A49				
[F1CE3481J,F1CE3481L]	09.11-	113279	14 110	09.11-	112441	12 2.3	
	09.11-	114705	14 140	09.11-	115505	12 2.3 A49	
	09.11-	114765	14 140				
	09.11-	115458	14 150				
	09.11-	115490	14 140 A49				
[F1CE3481K]	09.11-	114705	14 140	09.11-	112441	12 2.3	
	09.11-	115458	14 150	09.11-	115505	12 2.3 A49	
	09.11-	115490	14 140 A49				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

IVECO Continued

	[F1CE3481L]	09.11- 09.11- 09.11- 09.11- 09.11-	113279 114705 114765 115458 115490	14 110 14 140 14 140 14 150 14 140 A49	09.11- 09.11-	112441 115505	12 2.3 12 2.3 A49
Massif 3.0 HPI	[F1CE0481FA]	10.08- 10.08-	114705 115490	14 140 14 140 A49	04.12- 10.08- 10.08-	112441 112441 115505	12 2.3 12 2.3 12 2.3 A49
Massif 3.0 HPI Single Cab	[F1CE0481FA]	10.08- 10.08-	114705 115490	14 140 14 140 A49	10.08- 10.08-	112441 115505	12 2.3 12 2.3 A49
Massif 3.0 HPT	[F1CE0481HA]	10.08- 10.08-	114705 115490	14 140 14 140 A49	10.08- 10.08-	112441 115505	12 2.3 12 2.3 A49
Massif 3.0 HPT Single Cab	[F1CE0481HA]	10.08- 10.08-	114705 115490	14 140 14 140 A49	10.08- 10.08-	112441 115505	12 2.3 12 2.3 A49
Natural Power 35S14 35C14 40C14 50C14 65C14 7 3.0	[F1CFA401B]	03.14-	115458	14 150	03.14-	112441	12 2.3
30-8 2.4 Diesel	[8140.61.200]	01.78- 06.89	110890	14 55	03.14- 01.78- 12.89 04.78- 06.89	115505 110814 111996	12 2.3 A49 12 2.7 12 2.2
30-8 2.5 Diesel	[8140.07.2700]	01.89- 08.98 01.89- 08.98	111418 115873	14 60 14 55 A49	01.89- 08.98 02.91- 04.96	111996 111693	12 2.2 12 2.5
	[8140.07.2712]	01.89- 08.98	111418	14 60	02.89- 04.96	111693	12 2.5
	[8140.67F]	01.89- 08.98	115873	14 55 A49	01.89- 08.98	111996	12 2.2
	[8140.67F.3710]	01.89- 08.98	111418	14 60	01.89- 08.98	111996	12 2.2
	[8140.67F.3711]	01.89- 08.98	115873	14 55 A49	01.89- 08.98	111996	12 2.2
	[8140.67F.3713]	01.89- 08.98	111418	14 60	01.89- 08.98	111996	12 2.2
	[8140.67F.3721]	01.89- 08.98 01.89- 08.98	111418 115873	14 60 14 55 A49	01.89- 08.98	111996	12 2.2
30-8 2.8 Diesel	[8140.63.]	09.98- 05.99	112406	14 90	09.98- 05.99	111996	12 2.2
30-10 2.8 Diesel	[8140.23.]	05.96- 05.99	112406	14 90	01.97- 05.99	111996	12 2.2
29-11 2.8					05.99-	112441	12 2.3
<b>TRUCKS EU</b>							
440 S 42 10.3	(Stralis)[F3A3681B]				07.06-	113984	24 5.0
	(Stralis)[F3AE3681B]				07.06-	113984	24 5.0
100 E 15 6.0	(EuroCargo)[8060.25R.4200LTC]	01.91- 01.91- 08.00 01.91- 08.00 01.91- 08.00	111419 111987 112076 112097	28 55 28 55 28 80 28 30	01.91- 08.00 01.00-	110518 113277	24 4.0 24 4.0
	(EuroCargo)[8060.45R.5000]	01.91- 01.91- 08.00 01.91- 08.00 01.91- 08.00	111419 111987 112076 112097	28 55 28 55 28 80 28 30	01.91- 01.00-	110518 113277	24 4.0 24 4.0
	(EuroCargo)[8060.45R.5001]	01.91- 01.91- 08.00 01.91- 08.00 01.91- 08.00	111419 111987 112076 112097	28 55 28 55 28 80 28 30	01.91- 01.00-	110518 113277	24 4.0 24 4.0
	(EuroCargo)[8060.45R.5003]	01.91- 01.91- 08.00 01.91- 08.00 01.91- 08.00	111419 111987 112076 112097	28 55 28 55 28 80 28 30	01.91- 01.00-	110518 113277	24 4.0 24 4.0
	(EuroCargo)[8060.45R.5005]	01.91- 01.91- 08.00 01.91- 08.00 01.91- 08.00	111419 111987 112076 112097	28 55 28 55 28 80 28 30	01.91- 01.00-	110518 113277	24 4.0 24 4.0
100 E 17 3.9	(Tector)[F4AE0481A]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.00-	112498	24 4.0
	(Tector)[F4AE0481B]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.00-	112498	24 4.0
100 E 18 3.9	(Tector)[F4AE3481B]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.06-	114307	24 4.0
100 E 18 5.9	(Tector)[F4AE0681E]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.00-	112498	24 4.0
	(Tector)[F4AE3681C]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.00-	112498	24 4.0
100 E 18 6.0	(EuroCargo)[8060.25V.4000]	01.91- 01.91- 11.00 01.91- 11.00	111419 111987 112097	28 55 28 55 28 30	01.91- 11.00 01.00-	110518 113277	24 4.0 24 4.0
	(EuroCargo)[8060.25V.4000TC]	01.91- 01.91- 11.00 01.91- 11.00	111419 111987 112097	28 55 28 55 28 30	01.91- 11.00 01.00-	110518 113277	24 4.0 24 4.0
100 E 19 4.5	(EuroCargo IV)[F4AFE411F]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.15-	114307	24 4.0
100 E 21 4.5	(EuroCargo IV)[F4AFE411C]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49	09.15-	114307	24 4.0



100 E 21 5.9	(Tector)[F4AE0681D]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.00-	112498	24 4.0
100 E 21 6.0	(EuroCargo)[8060.45.4100TCA]	01.91- 01.91- 11.00 01.91- 11.00	111419 111987 112097	28 55 28 55 28 30		01.91- 11.00 01.00-	110518 113277	24 4.0 24 4.0
	(EuroCargo)[8060.45.4180TCA]	01.91- 11.00 01.91- 11.00	111987 112097	28 55 28 30		01.91- 11.00 01.00-	110518 113277	24 4.0 24 4.0
100 E 22 5.9	(Tector)[F4AE3681B]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.06-	114307	24 4.0
100 E 22 6.7	(EuroCargo IV)[F4AFE611A]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.15-	114307	24 4.0
109-14 5.5	(Zeta)[8060.04.689]					06.83- 12.85 06.83- 12.85	110521 113183	24 4.0 24 4.0
109-14 5.9	(Zeta)[8060.05.289]					11.85- 03.91 11.85- 03.91	110521 113183	24 4.0 24 4.0
110 E 18 3.9	(Tector)[F4AE3481A]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.06-	114307	24 4.0
110 E 22 5.9	(Tector)[F4AE3681B]	05.06- 05.06- 05.06- 05.06-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	05.06-	114307	24 4.0
110 E 22 6.7	(EuroCargo IV)[F4AFE611A]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.15-	114307	24 4.0
110 E 25 5.9	(Tector)[F4AE3681D]	05.06- 05.06- 05.06- 05.06-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	05.06-	114307	24 4.0
110-17 AW 6.1	[BF6L913]	03.86- 02.88 03.86- 12.91	110766 113470	28 27 28 35				
120 E 14 5.9	(EuroCargo)[8060.25R.4280]	01.98- 01.03	112097	28 30				
120 E 15 6.0	(EuroCargo)[8060.25R.4280LTC]	12.91- 07.00 12.91- 07.00	111987 112097	28 55 28 30		12.91- 07.00 01.00-	110518 113277	24 4.0 24 4.0
	(EuroCargo)[8060.25R4200]	09.91- 09.91- 07.00 12.91- 07.00	111419 111987 112097	28 55 28 55 28 30		12.91- 07.00 01.00-	110518 113277	24 4.0 24 4.0
120 E 18 3.9	(Tector)[F4AE3481A]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.06-	114307	24 4.0
120 E 18 5.9	(Tector)[F4AE0681E]	09.00- 09.00- 08.03 09.00- 08.03 09.00- 08.03	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.00-	112498	24 4.0
120 E 18 6.0	(EuroCargo)[8060.25V.4080]	09.91- 07.00 09.91- 07.00	111987 112097	28 55 28 30		01.92- 07.00 01.00-	110518 113277	24 4.0 24 4.0
	(EuroCargo)[8060.25V.4080TC]	01.92- 07.00 01.92- 07.00	111987 112097	28 55 28 30		01.92- 07.00 01.00-	110518 113277	24 4.0 24 4.0
120 E 19 4.5	(EuroCargo IV)[F4AFE411F]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.15-	114307	24 4.0
120 E 21 4.5	(EuroCargo IV)[F4AFE411C]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.15-	114307	24 4.0
120 E 21 5.9	(Tector)[F4AE0681C]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.00-	112498	24 4.0
	(Tector)[F4AE0681D]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.00-	112498	24 4.0
	(Tector)[F4AE3681B]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.00-	112498	24 4.0
120 E 22 5.9	(Tector)[F4AE3681B]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.06-	114307	24 4.0
120 E 22 6.7	(EuroCargo IV)[F4AFE611A]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.15-	114307	24 4.0
120 E 23 6.0	(EuroCargo)[8060.45.6090]	09.91- 01.92- 08.00	111987 112097	28 55 28 30		01.92- 08.00 01.00-	110518 113277	24 4.0 24 4.0
	(EuroCargo)[8060.45S.6800]	01.92- 08.00	112097	28 30		01.92- 08.00 01.00-	110518 113277	24 4.0 24 4.0
120 E 24 5.9	(Tector)[F4AE0681B]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.00-	112498	24 4.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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120 E 25 5.9	(Tector)[F4AE3681D]	09.06-	113188	28 70	09.06-	114307	24	4.0
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
120 E 28 5.9	(Tector)[F4AE0681A]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
120 E L2 5.9	(EuroCargo IV)[F4GFE601A]	09.15-	113188	28 70	09.15-	114307	24	4.0
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49				
		09.15-	115489	28 90 A49				
120 EL 17 3.9	(Tector)[F4AE0481A]	09.00-	114296	28 90	09.00-	112498	24	4.0
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
120 EL 21 5.9	(Tector)[F4AE0681B]	09.00-	114296	28 90	09.00-	112498	24	4.0
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
	(Tector)[F4AE0681C]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
	(Tector)[F4AE0681D]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
09.00-		115489	28 90 A49					
120-13 ANW 6.1	[BF6L913T]	03.88- 09.90	113470	28 35				
120-16 ANW 6.1	[BF6L913]	03.88- 11.89	113470	28 35				
120-17 ANW 6.1	[BF6L913/U]	07.89- 09.90	113470	28 35				
130 E 15 6.0	(EuroCargo)[8060.25R.4280LTC]	11.91-	111419	28 55	01.94- 07.00	110518	24	4.0
		11.91- 07.00	111987	28 55				
		11.91- 07.00	112097	28 30				
130 E 18 3.9	(Tector)[F4AE3481A]	09.06-	113188	28 70	09.06-	114307	24	4.0
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
130 E 18 5.9	(Tector)[F4AE0681D]	09.00- 08.03	115484	28 70 A49	09.00-	112498	24	4.0
		09.00- 08.03	115489	28 90 A49				
	(Tector)[F4AE0681E]	09.00-	113188	28 70				
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
130 E 18 6.0	(EuroCargo)[8060.25V.4080TCA]	11.91- 07.00	111987	28 55	01.00-	113277	24	4.0
		01.92-	111419	28 55				
		01.92- 07.00	112097	28 30				
		01.92- 07.00	112097	28 30				
130 E 21 5.9	(Tector)[F4AE0681D]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
130 E 23 6.0	(EuroCargo)[8060.45.6090]	11.91-	111987	28 55	01.91-	110518	24	4.0
		01.92- 07.00	112097	28 30				
	(EuroCargo)[8060.45S.6000TCA]	01.92- 07.00	112097	28 30				
		01.92-	110518	24 4.0				
		01.00-	113277	24 4.0				
130 E 24 5.9	(Tector)[F4AE0681B]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
130 E 25 5.9	(Tector)[F4AE3681D]	09.06-	113188	28 70	09.06-	112498	24	4.0
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
130 E 28 5.9	(Tector)[F4AE0681A]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
130 V 18 3.9	(Vertis)[F4AE3481B]	10.10-	113280	14 90				
130 V 19 3.9	(Vertis)[F4AE3481A]	10.10-	113280	14 90				
130-16 A 6.1	[BF6L913]	03.86- 10.91	113470	28 35				
135 E 18 6.0	(EuroCargo)[8060.25VTC]	01.94- 07.00	111987	28 55	01.93-	113277	24	4.0
		01.94- 07.00	112076	28 80				
135 E 23 6.0	(EuroCargo)[8060.45STCA]				01.00-	113277	24	4.0
140 E 18 3.9	(Tector)[F4AE3481A]	09.06-	113188	28 70	09.06-	114307	24	4.0
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
140 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
140 E 19 4.5	(EuroCargo IV)[F4AFE411F]	09.15-	113188	28 70	09.15-	114307	24	4.0
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49				
		09.15-	115489	28 90 A49				
140 E 21 4.5	(EuroCargo IV)[F4AFE411C]	09.15-	113188	28 70	09.15-	114307	24	4.0
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49				
		09.15-	115489	28 90 A49				
140 E 21 5.9	(Tector)[F4AE0681D]	05.05-	113188	28 70	05.05-	112498	24	4.0
		05.05-	114296	28 90				
		05.05-	115484	28 70 A49				
		05.05-	115489	28 90 A49				
140 E 22 5.9	(Tector)[F4AE3681B]	09.06-	113188	28 70	09.06-	114307	24	4.0
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				

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140 E 22 6.7	(EuroCargo IV)[F4AFE611A]	09.15-	113188	28 70	09.15-	114307	24	4.0
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49				
		09.15-	115489	28 90 A49				
140 E 24 5.9	(Tector)[F4AE0681B]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
140 E 25 5.9	(Tector)[F4AE3681D]	09.06-	113188	28 70	09.06-	114307	24	4.0
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
140 E 25 6.7	(EuroCargo IV)[F4AFE611E]	09.15-	113188	28 70	09.15-	114307	24	4.0
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49				
		09.15-	115489	28 90 A49				
140 E 28 5.9	(Tector)[F4AE0681A]	09.06-	113188	28 70	09.06-	114307	24	4.0
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
	(Tector)[F4AE3681E]	09.06-	113188	28 70	09.06-	114307	24	4.0
		09.06-	114296	28 90				
140 E 28 6.7	(EuroCargo IV)[F4AFE611C]	09.15-	113188	28 70	09.15-	114307	24	4.0
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49				
		09.15-	115489	28 90 A49				
150 E 15 6.0	(EuroCargo)[8060.25R.4280LTC]	01.92- 12.96	111419	28 55	01.92- 07.00	110518	24	4.0
		01.92- 12.96	111987	28 55				
		01.92- 12.96	112097	28 30				
		01.92- 12.96	112097	28 30				
150 E 18 3.9	(Tector)[F4AE3481A]	09.06-	113188	28 70	09.06-	114307	24	4.0
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
150 E 18 5.9	(Tector)[F4AE0681E]	09.00-	111419	28 55	09.00-	112498	24	4.0
		09.00-	113188	28 70				
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
150 E 18 6.0	(EuroCargo)[8060.25V.4000]	01.92-	111419	28 55	01.92- 07.00	110518	24	4.0
		01.92- 07.00	111987	28 55				
		01.92- 07.00	112097	28 30				
		01.92- 07.00	112097	28 30				
	(EuroCargo)[8060.25V.4000TC]	01.92- 07.00	111987	28 55	01.92- 07.00	110518	24	4.0
		01.92- 07.00	112097	28 30				
	(EuroCargo)[8060.25V.4080]	09.91- 07.00	111987	28 55	01.00-	113277	24	4.0
		01.92-	111419	28 55				
		01.92- 07.00	112097	28 30				
		01.92- 07.00	112097	28 30				
	(EuroCargo)[8060.25V.4080TC]	01.92- 07.00	111987	28 55	01.92- 07.00	110518	24	4.0
		01.92- 07.00	112097	28 30				
150 E 21 5.9	(Tector)[F4AE0681D]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
150 E 22 5.9	(Tector)[F4AE3681B]	09.06-	113188	28 70	09.06-	114307	24	4.0
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
150 E 22 6.7	(EuroCargo IV)[F4AFE611A]	09.15-	113188	28 70	09.15-	114307	24	4.0
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49				
		09.15-	115489	28 90 A49				
150 E 23 6.0	(EuroCargo)[8060.45.6090]	09.91-	111987	28 55	01.00-	113277	24	4.0
		10.91- 07.00	112097	28 30				
		01.92-	111419	28 55				
		01.92- 07.00	112097	28 30				
150 E 23 6.0	(EuroCargo)[8060.45S.6800TCA]	01.92-	111419	28 55	01.92- 07.00	110518	24	4.0
		01.92- 07.00	112097	28 30				
		01.00-	113277	24 4.0				
		01.00-	113277	24 4.0				
150 E 24 5.9	(Tector)[F4AE0681B]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
150 E 25 5.9	(EuroCargo)[F4AE3681D]	09.06-	113188	28 70	09.06-	114307	24	4.0
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
	(Tector)	09.06-	113188	28 70	09.06-	114307	24	4.0
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
150 E 25 6.7	(EuroCargo IV)[F4AFE611E]	09.15-	113188	28 70	09.15-	114307	24	4.0
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49				
		09.15-	115489	28 90 A49				
150 E 27 7.7	(EuroCargo)[8360.46.417TCA]	09.91- 07.00	111987	28 55				
		09.91- 07.00	112076	28 80				
150 E 28 5.9	(Tector)[F4AE0681A]	09.00-	113188	28 70	09.00-	112498	24	4.0
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
	(EuroCargo)[F4AE3681E]	09.06-	113188	28 70	09.06-	114307	24	4.0
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49				

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O.E.M. names and numbers are used for reference purposes only.





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	(Tector)	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06-	114307	24 4.0
150 E 28 6.7	(EuroCargo IV)[F4AFE611C]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.15-	114307	24 4.0
150 E 30 5.9	(Tector)[F4AE0681A]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06- 09.06-	114307 112498	24 4.0 24 4.0
	(Tector)[F4AE3681A]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06-	114307	24 4.0
150 E 32 6.7	(EuroCargo IV)[F4AFE611D]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.15-	114307	24 4.0
150-16 AN 6.1	[BF6L913]	03.88- 12.91	113470	28 35				
160 E 18 3.9	(Tector)[F4AE3481A]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06-	114307	24 4.0
	(EuroCargo IV)[F4AFE411C]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.15-	114307	24 4.0
160 E 21 5.9	(Tector)[F4AE0681D]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.00-	112498	24 4.0
	(Tector)[F4AE3681E]	09.00- 09.00- 09.00- 09.00-	114296 115484 115489	28 90 28 70 A49 28 90 A49		09.00-	112498	24 4.0
160 E 22 5.9	(Tector)[F4AE3681B]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06-	114307	24 4.0
160 E 22 6.7	(EuroCargo IV)[F4AFE611A]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.15-	114307	24 4.0
160 E 23 5.9	(EuroCargo)[8060.45.5200]	01.98- 11.04	111987	28 55		01.98- 11.04	113277	24 4.0
160 E 24 5.9	(Tector)[F4AE0681B]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.00-	112498	24 4.0
	(Tector)[F4AE3681D]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06-	114307	24 4.0
160 E 25 6.7	(EuroCargo IV)[F4AFE611E]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.15-	114307	24 4.0
160 E 28 5.9	(Tector)[F4AE0681A]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.00-	112498	24 4.0
	(Tector)[F4AE3681E]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06-	114307	24 4.0
160 E 28 6.7	(EuroCargo IV)[F4AFE611C]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.15-	114307	24 4.0
160 E 30 5.9	(Tector)[F4AE0681A]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06-	114307	24 4.0
	(Tector)[F4AE3681A]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06-	114307	24 4.0
160 E 32 6.7	(EuroCargo IV)[F4AFE611D]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.15-	114307	24 4.0
160-17 AN 6.1	[BF6L913/U]	07.89- 07.96	113470	28 35				
170 E 18 5.8	(EuroCargo)[8060.25VTC]	01.94- 07.00 01.94- 07.00	111987 112076	28 55 28 80		01.00-	113277	24 4.0
	(Tector)[F4AE3681B]	01.12- 01.12-	113188 115484	28 70 28 70 A49		01.12-	112498	24 4.0
170 E 22 tector 5.9	(EuroCargo)[F4AE0681D]	01.05- 12.11 01.05- 12.11	113188 115484	28 70 28 70 A49		01.05- 12.11	112498	24 4.0
170 E 23 5.8	(EuroCargo)[8060.45STCA]	01.94- 01.94-	111987 112076	28 55 28 80		01.94- 01.00-	110518 113277	24 4.0 24 4.0
	(EuroCargo)[8360.46.417TCA]	01.94- 01.94- 01.94-	111987 112076 112302	28 55 28 80 28 120		01.94-	114446	24 5.4

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170 E 28 5.9	(Tector)[F4AE3681E]	01.12- 01.12- 07.15- 07.15-	113188 115484 114296 115489	28 70 28 70 28 90 28 90	A49	01.12-	112498	24	4.0
170-23 ANW 13.4	[F8L513]	01.91- 07.96	113470	28 35					
175-17 5.9	[8060.25.60.]	09.86- 07.92	111419	28 55		09.86- 07.92	113277	24	4.0
180 E 18 5.8	(EuroCargo)[8060.25VTC]	01.94- 01.94- 01.94-	111419 111987 112076 112097	28 55 28 55 28 80 28 30		01.94-	110518 113277	24 24	4.0 4.0
180 E 21 5.9	(Tector)[F4AE0681D]	09.00- 09.00- 08.03 09.00- 08.03 09.00- 08.03	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.00-	112498	24	4.0
180 E 21 6.0	(EuroCargo)[8060.45.4100TCA]	01.91- 04.92- 07.00 04.92- 07.00	111419 111987 112097	28 55 28 55 28 30		04.92- 07.00 01.00-	110518 113277	24 24	4.0 4.0
180 E 22 5.9	(Tector)[F4AE3681B]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.06-	114307	24	4.0
180 E 23 5.8	(EuroCargo)[8060.45STCA]	01.94- 01.94- 01.94- 01.94-	111419 111987 112076 112097	28 55 28 55 28 80 28 30		01.94-	110518	24	4.0
180 E 24 5.9	(Tector)[F4AE0681B]	09.00- 09.00- 08.03 09.00- 08.03 09.00- 08.03	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.00-	112498	24	4.0
180 E 24 7.7	(EuroTech)[8360.46R.416TCA]	01.92- 12.96 07.92- 07.00 07.92- 07.00	112302 111987 112076	28 120 28 55 28 80					
180 E 24 7.8	(Cursor)[F2BE0681D]	09.99- 11.04 09.99- 11.04	113923 115879	28 90 28 90	A49	09.99- 11.04 09.99- 11.04	112822 115880	24 24	4.5 4.5
180 E 25 5.9	(Tector)[F4AE3681D]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.06-	114307	24	4.0
180 E 25 6.7	(EuroCargo IV)[F4AFE611E]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.15-	114307	24	4.0
180 E 25 9.5	(EuroTrakker)[8460.41T]	05.99- 11.04 05.99- 11.04	111987 112076	28 55 28 80		05.99- 11.04	110582	24	5.4
180 E 27 7.7	(EuroCargo)[8360.46.417TCA]	01.94- 01.94- 01.94-	111987 112076 112302	28 55 28 80 28 120		01.94-	114446	24	5.4
	(EuroTech)	01.92- 12.96 07.92- 07.00 07.92- 07.00	112302 111987 112076	28 120 28 55 28 80					
180 E 28 5.9	(Tector)[F4AE0681A]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.00-	112498	24	4.0
	(Tector)[F4AE3681E]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.00-	112498	24	4.0
180 E 28 6.7	(EuroCargo IV)[F4AFE611C]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.15-	114307	24	4.0
180 E 30 3.9	(Tector)[F4AE3481C]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.06-	114307	24	4.0
180 E 30 5.9	(Tector)[F4AE0681A]	08.06- 08.06- 08.06- 08.06-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	08.06- 09.06-	112498 114307	24 24	4.0 4.0
	(Tector)[F4AE3681A]	08.06- 08.06- 08.06- 08.06-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	08.06-	114307	24	4.0
180 E 30 9.5	(EuroTech)[8460.41C.320]	07.92- 07.00 07.92- 07.00	111987 112076	28 55 28 80		07.92- 12.96	110582	24	5.4
180 E 32 6.7	(EuroCargo IV)[F4AFE611D]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 28 90	A49 A49	09.15-	114307	24	4.0
180 E 34 9.5	(EuroTech)[8460.41K.406]	04.92- 07.00 04.92- 07.00	111987 112076	28 55 28 80		04.92- 12.93	110582	24	5.4
180 E 38 9.5	(EuroTech)[8460.41L.5020]	02.92- 12.93	111987	28 55		09.92- 12.93	110582	24	5.4
180 E 42 14.0	(EuroTech)[8210.42L.400]	04.92- 12.93	111987	28 55					
180 T 27 7.8	(Trakker)[F2BE0681F]	06.05- 06.05-	113923 115879	28 90 28 90	A49	06.05- 06.05-	112822 115880	24 24	4.5 4.5
180-23 AH 13.4	[F8L513]	07.91- 07.00 07.91- 12.91	112747 113470	28 55 28 35					
180-23 AHW 13.4	[F8L513]	07.91- 07.00 07.91- 12.91	112747 113470	28 55 28 35					
180-25 AH 13.4	[F8L513]	07.91- 07.00 07.91- 12.91	112747 113470	28 55 28 35					
180-25 AHW 12.9	[BF8L513]	07.91- 07.00	113470	28 35					
180-25 AHW 13.4	[F8L513]	07.91- 07.00 07.91- 12.91	112747 113470	28 55 28 35					
180-34 AH 12.9	[BF8L513]	07.91- 07.00	112747	28 55					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**IVECO** Continued

190 E 24 7.7	(EuroTech)[8360.46R.416TCA]	01.97- 08.98	111987	28 55				
		01.97- 08.98	112076	28 80				
		01.97- 08.98	112302	28 120				
190 E 24 7.8	(Cursor)[F2BE0681D]	09.98-	113923	28 90	09.98- 11.04	112822	24 4.5	
		09.98-	115798	28 120	09.98- 11.04	115880	24 4.5 A49	
		09.98-	115879	28 90 A49				
190 E 25 5.9	(Tector)[F4AE3681D]	05.08-	113188	28 70	05.08-	114307	24 4.0	
		05.08-	114296	28 90				
		05.08-	115484	28 70 A49				
		05.08-	115489	28 90 A49				
190 E 27 7.7	(EuroTech)[8360.46.417TCA]	07.92- 07.00	111987	28 55				
		07.92- 07.00	112076	28 80				
		01.97- 08.98	112302	28 120				
190 E 27 7.8	(Cursor)[F2BE0681C]	08.00-	115798	28 120	09.98-	115880	24 4.5 A49	
		09.98-	113923	28 90	09.98-	112822	24 4.5	
	09.98-	115879	28 90 A49					
	(Cursor)[F2BE0681F]	08.00- 05.04	115798	28 120	09.98-	115880	24 4.5 A49	
09.98-		113923	28 90	09.98-	112822	24 4.5		
09.98-	115879	28 90 A49						
190 E 28 5.9	(Tector)[F4AE3681E]	05.08-	113188	28 70	05.08-	114307	24 4.0	
		05.08-	114296	28 90				
		05.08-	115484	28 70 A49				
		05.08-	115489	28 90 A49				
190 E 30 5.9	(Tector)[F4AE3681A]	05.08-	113188	28 70	05.08-	114307	24 4.0	
		05.08-	114296	28 90				
		05.08-	115484	28 70 A49				
		05.08-	115489	28 90 A49				
		05.08-	115489	28 90 A49				
190 E 30 9.5	(EuroTrakker)[8460.41C]	01.93- 11.04	111987	28 55	01.93- 07.00	110582	24 5.4	
		01.93- 11.04	112076	28 80				
	(EuroTrakker)[8460.41C.]	11.99- 11.04	111987	28 55	11.99- 11.04	110582	24 5.4	
		11.99- 11.04	112076	28 80				
(EuroTech)[8460.41C.320]	07.92- 07.00	111987	28 55	01.97- 08.98	110582	24 5.4		
	07.92- 07.00	112076	28 80					
190 E 31 7.8	(Cursor)[F2BE0681B]	09.98- 11.04	113923	28 90	09.98- 11.04	112822	24 4.5	
		09.98- 11.04	115879	28 90 A49				
		09.99- 11.04	115798	28 120	09.98- 11.04	115880	24 4.5 A49	
190 E 34 9.5	(EuroTrakker)[8460.41K]	01.93- 11.04	111987	28 55	01.93- 07.00	110582	24 5.4	
		01.93- 11.04	112076	28 80				
	(EuroTech)[8460.41K.406]	04.92- 07.00	111987	28 55	01.93- 07.00	110582	24 5.4	
		04.92- 07.00	112076	28 80				
(EuroTrakker)[8460.41K.TCA]	11.99- 11.04	111987	28 55	11.99- 11.04	110582	24 5.4		
	11.99- 11.04	112076	28 80					
	11.99- 11.04	112076	28 80					
190 E 35 7.8	(Cursor)[F2BE0681A]	09.98- 11.04	113923	28 90	09.98- 11.04	112822	24 4.5	
		09.98- 11.04	115879	28 90 A49				
		09.99- 11.04	115798	28 120	09.98- 11.04	115880	24 4.5 A49	
190 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99- 11.04	111987	28 55	11.99- 11.04	110532	24 6.6	
		11.99- 11.04	112076	28 80				
190 E 37 14.0	(EuroTrakker)[8210.42K]	04.93- 11.00	111987	28 55				
190 E 38 12.9	(Cursor)[F3BE0681G]	08.00-	112427	28 90	01.01- 11.04	112823	24 5.5	
		01.01- 11.04	115602	28 90				
		01.01- 11.04	115799	28 120	01.01- 11.04	115872	24 5.5 A49	
		01.01- 11.04	115871	28 90 A49	08.05-	113984	24 5.0	
190 E 38 9.5	(EuroStar)[8460.41LTCA]	01.93- 07.00	111987	28 55	01.93- 07.00	110582	24 5.4	
		01.93- 07.00	111987	28 55	01.93- 07.00	110582	24 5.4	
190 E 39 10.3	(EuroStar)[F3AE0681E]	11.99- 02.02	112427	28 90	11.99- 02.02	112823	24 5.5	
		11.99- 02.02	115602	28 90	11.99- 02.02	113984	24 5.0	
		11.99- 02.02	115799	28 120	11.99- 02.02	115872	24 5.5 A49	
		11.99- 02.02	115871	28 90 A49				
	(EuroTech)	11.99-	112427	28 90	11.99-	112823	24 5.5	
		11.99-	115602	28 90	08.05-	113984	24 5.0	
11.99-	115799	28 120	11.99-	115872	24 5.5 A49			
11.99-	115871	28 90 A49						
190 E 40 10.3	(EuroStar)[F3AE0681B]	09.00- 02.02	112427	28 90	09.00- 02.02	112823	24 5.5	
		09.00- 02.02	115871	28 90 A49	09.00- 02.02	115872	24 5.5 A49	
					01.01-	112823	24 5.5	
(EuroTech)				01.01-	115872	24 5.5 A49		
190 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99- 11.04	111987	28 55	11.99- 11.04	110213	24 6.6	
		11.99- 11.04	112076	28 80	11.99- 11.04	110532	24 6.6	
190 E 42 14.0	(EuroTrakker)[8210.42L]	01.95- 07.00	111987	28 55				
		(EuroStar)[8210.42L.400]	01.95- 07.00	111987	28 55			
			(EuroTech)	01.93- 07.00	111987	28 55		
190 E 43 10.3	(EuroStar)[F3AE0681D]	08.00- 08.03	112427	28 90	11.99- 02.02	112823	24 5.5	
		11.99- 02.02	115602	28 90	08.05-	113984	24 5.0	
		11.99- 02.02	115799	28 120	11.99- 02.02	115872	24 5.5 A49	
		11.99- 02.02	115871	28 90 A49				
	(EuroTech)	01.01- 08.03	112427	28 90	01.01-	112823	24 5.5	
01.01-		115602	28 90	08.05-	113984	24 5.0		
01.01-		115799	28 120	01.01-	115872	24 5.5 A49		
01.01-		115871	28 90 A49					
190 E 44 12.9	(Cursor)[F3BE0681C]	08.00-	112427	28 90	09.00- 11.04	112823	24 5.5	
		09.00- 11.04	115602	28 90	08.05-	113984	24 5.0	
		09.00- 11.04	115799	28 120	09.00- 11.04	115872	24 5.5 A49	
		09.00- 11.04	115871	28 90 A49				
190 E 47 14.0	(EuroStar)[8210.42M.TCA]	01.93- 02.02	111987	28 55	01.93- 02.02	110532	24 6.6	
		01.93- 02.02	112076	28 80				
190 E 52 17.2	(EuroStar)[8280.42S.TCA]	01.93- 11.00	111987	28 55	04.92- 11.00	110532	24 6.6	
190 S 27 7.8	(Stralis)[F2BE0681C]	05.05-	113923	28 90	05.05-	112822	24 4.5	
		05.05-	115798	28 120	05.05-	115880	24 4.5 A49	
		05.05-	115879	28 90 A49				
	(Stralis)[F2BE0681F]	04.04-	113923	28 90	04.04-	112822	24 4.5	
04.04-		115798	28 120	04.04-	115880	24 4.5 A49		
04.04-		115879	28 90 A49					
190 S 30 7.8	(Stralis)[F2BE0681E]	04.04-	113923	28 90	04.04-	112822	24 4.5	
		04.04-	115798	28 120	04.04-	115880	24 4.5 A49	
		04.04-	115879	28 90 A49				

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190 S 31 7.8	(Stralis)[F2BE0681B]	06.03-	113923	28 90	06.03-	112822	24 4.5
		06.03-	115798	28 120	06.03-	115880	24 4.5 A49
		06.03-	115879	28 90 A49			
	(Stralis)[F2BE0681C]	06.03-	113923	28 90	06.03-	112822	24 4.5
		06.03-	115798	28 120	06.03-	115880	24 4.5 A49
		06.03-	115879	28 90 A49			
	(Stralis)[F2BE0681E]	06.03-	113923	28 90	06.03-	112822	24 4.5
		06.03-	115798	28 120	06.03-	115880	24 4.5 A49
		06.03-	115879	28 90 A49			
	(Stralis)[F2BE3681C]	04.04-	113923	28 90	04.04-	112822	24 4.5
		04.04-	115798	28 120	04.04-	115880	24 4.5 A49
		04.04-	115879	28 90 A49			
190 S 33 7.8	(Stralis)[F2BE3681B]	12.06-	113923	28 90	12.06-	112822	24 4.5
		12.06-	115798	28 120			
		12.06-	115879	28 90 A49	12.06-	115880	24 4.5 A49
190 S 35 7.8	(Stralis)[F2BE0681A]	06.03-	113923	28 90	06.03-	112822	24 4.5
		06.03-	115879	28 90 A49			
		04.04-	115798	28 120	06.03-	115880	24 4.5 A49
190 S 36 7.8	(Stralis)[F2BE3681A]	05.07-	113923	28 90	05.07-	112822	24 4.5
		05.07-	115798	28 120	05.07-	115880	24 4.5 A49
		05.07-	115879	28 90 A49			
190 S 40 10.3	(Stralis)[F3AE0681B]	02.02-	112427	28 90	08.05-	113984	24 5.0
		02.02-	115871	28 90 A49			
	(Stralis)[F3AE0681H]	02.02-	115871	28 90 A49			
190 S 42 10.3	(Stralis)[F3AE3681B]				12.06-	113984	24 5.0
190 S 43 10.3	(Stralis)[F3AE0681D]	02.02-	112427	28 90	08.05-	113984	24 5.0
		02.02-	115871	28 90 A49			
190 S 45 10.3	(Stralis)[F3A3681A]				12.06-	113984	24 5.0
190 S 48 12.9	(Stralis)[F3BE0681E]	02.02-	112427	28 90	08.05-	113984	24 5.0
		02.02-	115871	28 90 A49			
190 S 50 12.9	(Stralis)[F3B3681B]				12.06-	113984	24 5.0
190 T 27 7.8	(Trakker)[F2BE0681F]	06.05-	113923	28 90			
		06.05-	115879	28 90 A49			
190 T 31 7.8	(Trakker)[F2BE0681B]	10.04-	113923	28 90	10.04-	112822	24 4.5
		10.04-	115798	28 120	10.04-	115880	24 4.5 A49
		10.04-	115879	28 90 A49			
190 T 33 7.8	(Trakker)[F2BE3681B]	03.06-	113923	28 90	03.06-	112822	24 4.5
		03.06-	115798	28 120	03.06-	115880	24 4.5 A49
		03.06-	115879	28 90 A49			
190 T 35 7.8	(Trakker)[F2BE0681A]	10.04-	113923	28 90	10.04-	112822	24 4.5
		10.04-	115798	28 120	10.04-	115880	24 4.5 A49
		10.04-	115879	28 90 A49			
	(Trakker)[F2BE3681A]	10.04-	113923	28 90	10.04-	112822	24 4.5
		10.04-	115798	28 120	10.04-	115880	24 4.5 A49
		10.04-	115879	28 90 A49			
190 T 38 12.9	(Trakker)[F3BE0681G]	10.04-	112427	28 90	10.04-	113984	24 5.0
		10.04-	115871	28 90 A49			
190 T 41 12.9	(Trakker)[F3BE3681D]				03.06-	113984	24 5.0
190 T 44 12.9	(Trakker)[F3B3681G]				06.05-	113984	24 5.0
		10.04-	112427	28 90	10.04-	113984	24 5.0
		10.04-	115871	28 90 A49			
	(Trakker)[F3BE3681C]	10.04-	115871	28 90 A49			
190 T 45 12.9	(Trakker)[F3HFE611/450]	01.13-	112427	28 90	01.13-	112823	24 5.5
		01.13-	115871	28 90	01.13-	113984	24 5.0
					01.13-	115872	24 5.5
190-25 AN.. 12.8	[F8L413F]	07.83- 09.90	110117	28 35			
190-26 9.5	(TurboTech)[8460.21.102]				09.86- 09.94	110582	24 5.4
190-30 AHW 12.8	[BF8L513]	09.87- 01.97	110766	28 27			
190-30 H 13.8	[8210..]	09.87- 09.99	112097	28 30			
190-30 N 13.8	[8210..]	09.87- 09.99	112097	28 30			
190-32 9.5	(TurboTech)[8460.41.102]				10.88- 01.98	110582	24 5.4
190-33 13.8	(TurboStar)[8210.22.105]	07.84- 05.87	111419	28 55	07.84- 05.87	110213	24 6.6
		07.87- 06.90	111419	28 55	07.87- 06.90	110213	24 6.6
		07.87- 06.90	111987	28 55			
190-36 13.8	(TurboStar)[8210.42.101]	07.87- 06.90	111419	28 55	07.87- 06.90	110213	24 6.6
		01.90- 12.92	111419	28 55	01.90- 12.92	110213	24 6.6
		01.90- 12.92	111987	28 55			
	(TurboStar)[8210.42.151]	01.90- 12.92	112076	28 80			
		07.90- 12.93	111419	28 55	07.90- 12.93	110213	24 6.6
		07.90- 12.93	111987	28 55			
	(TurboStar)[8210.42.152]	07.90- 12.93	112076	28 80			
		07.90- 12.93	111419	28 55			
		07.90- 12.93	111987	28 55			
	(TurboStar)[8210.42.154]	07.90- 12.93	112076	28 80	07.90- 12.93	110213	24 6.6
		01.90- 12.92	111419	28 55	01.90- 12.92	110213	24 6.6
		01.90- 12.92	111987	28 55			
	(TurboTech)[8210.42.161]	01.90- 12.92	112076	28 80			
		01.90- 12.92	111419	28 55			
		01.90- 12.92	111987	28 55			
(TurboStar)[8210.42.162]	01.90- 12.92	112076	28 80				
	07.90- 12.93	111419	28 55	07.90- 12.93	110213	24 6.6	
	07.90- 12.93	111987	28 55				
(TurboTech)[8210.42.171]	07.90- 12.93	112076	28 80				
	01.90- 12.92	111419	28 55	01.90- 12.92	110213	24 6.6	
	01.90- 12.92	111987	28 55				
(TurboStar)[8210.42.181]	01.90- 12.92	112076	28 80				
	07.90- 11.98	112076	28 80	07.90- 11.98	110213	24 6.6	
	07.90- 11.98	111419	28 55	07.90- 11.98	110213	24 6.6	
(TurboStar)[8210.42.182]	07.90- 11.98	112076	28 80				
	07.90- 11.98	111419	28 55	07.90- 11.98	110213	24 6.6	
	07.90- 11.98	111987	28 55				
190-42 17.2	(TurboStar)[8280.22.201]	07.84- 09.86	111419	28 55	07.84- 09.86	110532	24 6.6
		07.84- 09.86	111419	28 55	07.84- 09.86	110532	24 6.6
		07.84- 09.86	111987	28 55			
190-48 17.2	(TurboStar)[8280.22.205]	07.84- 09.86	111419	28 55	07.84- 09.86	110532	24 6.6
		07.84- 09.86	111419	28 55	07.84- 09.86	110532	24 6.6
		07.84- 09.86	111987	28 55			
190-48 17.2	(TurboStar)[8280.42.001]	03.89- 12.93	111419	28 55	03.89- 12.93	110532	24 6.6
		11.91- 11.00	111419	28 55			
		11.91- 11.00	112076	28 80	11.91- 11.00	110532	24 6.6
220-36 13.8	(TurboTech)[8210.42.152]	01.90- 12.92	111419	28 55	01.90- 12.92	110213	24 6.6
		01.90- 12.92	111987	28 55			
		01.90- 12.92	111419	28 55	01.90- 12.92	110213	24 6.6
(TurboTech)[8210.42.155]	01.90- 12.92	111419	28 55				
	01.90- 12.92	111987	28 55				
	01.90- 12.92	111419	28 55	01.90- 12.92	110213	24 6.6	
(TurboTech)[8210.42.172]	01.90- 12.92	111419	28 55				
	01.90- 12.92	111987	28 55				
	01.90- 12.92	111419	28 55	01.90- 12.92	110213	24 6.6	

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O.E.M. names and numbers are used for reference purposes only.





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230 E 22 tector 5.9	(EuroCargo)[F4AE0681D]	03.06- 12.09	113188	28 70		03.06- 12.09	112498	24	4.0
		03.06- 12.09	115484	28 70	A49				
230 E 24 tector 5.9	(EuroCargo)[F4AE0681B]	03.06- 12.11	113188	28 70		03.06- 12.11	112498	24	4.0
		03.06- 12.11	115484	28 70	A49				
240 E 22 5.9	(Tector)[F4AE3681B]	01.12-	113188	28 70		01.12-	112498	24	4.0
		01.12-	115484	28 70					
240 E 28 5.9	(Tector)[F4AE3681E]	01.12-	113188	28 70		01.12-	112498	24	4.0
		01.12-	115484	28 70					
240 E 30 9.5	(EuroTech)[8460.41C.TCA]	01.97-	111987	28 55		01.97-	110582	24	5.4
		01.97-	112076	28 80					
240 E 34 9.5	(EuroTech)[8460.41K.TCA]	09.95- 12.96	111987	28 55		09.95- 12.96	110582	24	5.4
		09.95- 12.96	112076	28 80					
240 E 38 9.5	(EuroStar)[8460.41L.5020] (EuroTech) (EuroTech MP)	01.93- 02.02	111987	28 55		01.93- 02.02	110582	24	5.4
		09.92- 11.00	111987	28 55					
		01.92-	111987	28 55					
		01.92-	112076	28 80					
240 E 42 14.0	(EuroStar)[8210.42L.400] (EuroTech) (EuroTech MP)	01.93- 02.02	111987	28 55		04.92- 12.00	110532	24	6.6
		04.92- 12.00	111987	28 55					
		01.92-	111987	28 55					
		01.92-	112076	28 80					
240 E 47 14.0	(EuroStar)[8210.42M.TCA]	01.93- 02.02	111987	28 55		11.95- 12.02	110532	24	6.6
		01.93- 02.02	112076	28 80					
240 E 52 17.2	(EuroStar)[8280.42S.TCA]	01.93- 02.02	111987	28 55		01.93- 02.02	110532	24	6.6
240-26 9.5	(TurboTech)[8460.21.102]	07.90- 11.00	112097	28 30					
240-36 13.8	(TurboTech)[8210.42.155]  (TurboTech)[8210.42.165]  (TurboTech)[8210.42.175]  (TurboTech)[8210.42.185]  (TurboTech)[8210.42.186]  (TurboTech)[8210.42.195]	01.90- 12.92	111419	28 55		01.90- 12.92	110213	24	6.6
		01.90- 12.92	111987	28 55					
		01.90- 12.92	112076	28 80					
		01.90- 12.92	111419	28 55					
		01.90- 12.92	111987	28 55					
		01.90- 12.92	112076	28 80					
		01.90- 12.92	111419	28 55					
		01.90- 12.92	111987	28 55					
		01.90- 12.92	112076	28 80					
		01.90- 12.92	111419	28 55					
		01.90- 12.92	111987	28 55					
		01.90- 12.92	112076	28 80					
		01.90- 12.92	111419	28 55					
		01.90- 12.92	111987	28 55					
		01.90- 12.92	112076	28 80					
		260 E 23 6.0	(EuroCargo)[8060.45S.6000]	12.91-	111419				
12.91- 07.00	112097			28 30					
01.92- 07.00	111987			28 55					
260 E 23 KE 5.9	(EuroCargo)[8060.45STCA]		112076	28 80		01.00-	113277	24	4.0
			112097	28 30					
260 E 24 7.8	(Cursor)[F2BE0681D]  (EuroTech MH)	08.00-	115798	28 120		11.99-	115880	24	4.5
		11.99-	113923	28 90					
		11.99-	115879	28 90	A49				
		11.99-	113923	28 90					
		11.99-	115879	28 90	A49				
260 E 27 7.7	(EuroCargo)[8360.46.417] (EuroCargo)[8360.46.417TCA]					09.91- 07.00	114446	24	5.4
260 E 27 7.8	(Cursor)[F2BE0681B]  (Cursor)[F2BE0681C]  (EuroTech MH)  (Cursor)[F2BE0681F]  (EuroTech MH)	11.99- 11.04	113923	28 90		11.99- 11.04	112822	24	4.5
		11.99- 11.04	115879	28 90	A49				
		08.00-	115798	28 120					
		11.99-	113923	28 90					
		11.99-	115879	28 90	A49				
		11.99-	113923	28 90					
		11.99-	115879	28 90	A49				
		08.00-	115798	28 120					
		11.99-	113923	28 90					
		11.99-	115879	28 90	A49				
260 E 28 5.9	(Tector)[F4AE0681A]  (Tector)[F4AE3681E]	09.00-	113188	28 70		09.00-	112498	24	4.0
			114296	28 90					
			115484	28 70	A49				
			115489	28 90	A49				
		01.12-	113188	28 70					
		01.12-	115484	28 70	A49				
260 E 30 9.5	(EuroTrakker)[8460.41C]  (EuroTrakker)[8460.41C.TCA]	07.92- 07.00	111987	28 55		01.93- 11.04	110582	24	5.4
		07.92- 07.00	112076	28 80					
		11.99- 11.04	111987	28 55					
		11.99- 11.04	112076	28 80					
260 E 31 7.8	(Cursor)[F2BE0681B]  (EuroTech MH)	08.00-	115798	28 120		09.99- 11.04	115880	24	4.5
		09.99- 11.04	113923	28 90					
		09.99- 11.04	115879	28 90	A49				
		11.99-	113923	28 90					
		11.99-	115879	28 90	A49				
260 E 34 9.5	(EuroTrakker)[8460.41K]  (EuroTrakker)[8460.41K.TCA]	04.92- 07.00	111987	28 55		01.93- 11.04	110582	24	5.4
		04.92- 07.00	112076	28 80					
		11.99- 11.04	111987	28 55					
260 E 35 7.8	(Cursor)[F2BE0681A]  (EuroTech MH)	01.00- 11.04	115798	28 120		09.99- 11.04	115880	24	4.5
		09.99- 11.04	113923	28 90					
		09.99- 11.04	115879	28 90	A49				
		11.99-	113923	28 90					
260 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99- 11.04	111987	28 55		11.99- 11.04	110532	24	6.6
		11.99- 11.04	112076	28 80					
260 E 37 14.0	(EuroTrakker)[8210.42K]	12.94- 12.01	111987	28 55		01.93- 11.04	110532	24	6.6
		12.94- 12.01	112076	28 80					

**STARTERS & ALTERNATORS**



260 E 38 12.9	(Cursor)[F3BE0681G]	08.00-	112427	28 90	01.01- 11.04	112823	24 5.5
		01.01- 11.04	115602	28 90	08.05-	113984	24 5.0
		01.01- 11.04	115799	28 120	01.01- 11.04	115872	24 5.5 A49
		01.01- 11.04	115871	28 90 A49			
260 E 38 9.5	(EuroStar)[8460.41LTCA]	01.93- 02.02	111987	28 55	01.93- 02.02	110582	24 5.4
		01.93- 02.02	112076	28 80			
	(EuroTech)[8460.41N]	01.94-	111987	28 55	01.94-	110582	24 5.4
		01.94-	112076	28 80			
260 E 39 10.3	(EuroStar)[F3AE0681E]	11.99-	112427	28 90	11.99- 02.02	112823	24 5.5
		11.99- 02.02	115602	28 90	08.05-	113984	24 5.0
		11.99- 02.02	115799	28 120	11.99- 02.02	115872	24 5.5 A49
		11.99- 02.02	115871	28 90 A49			
	(EuroTech)	11.99-	112427	28 90	11.99-	112823	24 5.5
			11.99-	115602	28 90	08.05-	113984
		11.99-	115799	28 120	11.99-	115872	24 5.5 A49
		11.99-	115871	28 90 A49			
260 E 40 10.3	(EuroStar)[F3AE0681B]	09.00- 02.02	112427	28 90	09.00- 02.02	112823	24 5.5
		09.00- 02.02	115871	28 90 A49	09.00- 02.02	115872	24 5.5 A49
	(EuroTech)	01.01-	112427	28 90	01.01-	112823	24 5.5
		01.01-	115871	28 90 A49	01.01-	115872	24 5.5 A49
	(EuroTech MP)	01.01-	112427	28 90	01.01-	112823	24 5.5
		01.01-	115871	28 90 A49	01.01-	115872	24 5.5 A49
260 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99- 11.04	111987	28 55	11.99- 11.04	110213	24 6.6
		11.99- 11.04	112076	28 80	11.99- 11.04	110532	24 6.6
260 E 42 14.0	(EuroStar)[8210.42L]	01.94- 12.00	111987	28 55			
	(EuroTrakker)	01.93- 12.00	111987	28 55			
	(EuroTech)[8210.42L.400]	01.94- 12.00	111987	28 55			
260 E 43 10.3	(EuroStar)[F3AE0681D]	08.00- 02.02	112427	28 90	01.93- 02.02	112823	24 5.5
		01.93- 02.02	115602	28 90	08.05-	113984	24 5.0
		01.93- 02.02	115799	28 120	01.93- 02.02	115872	24 5.5 A49
		01.93- 02.02	115871	28 90 A49			
	(EuroTech)	08.00- 08.03	112427	28 90	11.99-	112823	24 5.5
		11.99-	115602	28 90	08.05-	113984	24 5.0
	11.99-	115799	28 120	11.99-	115872	24 5.5 A49	
	11.99-	115871	28 90 A49				
260 E 44 12.9	(Cursor)[F3BE0681C]	01.00- 11.04	115602	28 90	08.05-	113984	24 5.0
		01.00- 11.04	115799	28 120	01.00- 11.04	115872	24 5.5 A49
		01.00- 11.04	115871	28 90 A49			
		08.00-	112427	28 90	01.00- 11.04	112823	24 5.5
260 E 47 13.8	(EuroTrakker)[8210.42M.TCA]	11.99- 11.04	111987	28 55	11.99- 11.04	110532	24 6.6
		11.99- 11.04	112076	28 80			
260 E 47 14.0	(EuroStar)[8210.42M.TCA]	01.93- 02.02	111987	28 55	01.93- 02.02	110532	24 6.6
		01.93- 02.02	112076	28 80			
260 E 48 12.9	(EuroStar)[F3BE0681E]	01.93- 02.02	112427	28 90	01.93- 02.02	112823	24 5.5
		01.93- 02.02	115871	28 90 A49	01.93- 02.02	113984	24 5.0
					01.93- 02.02	115872	24 5.5 A49
260 E 52 17.2	(EuroTech)[8280.3..]	04.92- 07.00	111987	28 55			
	(EuroStar)[8280.42S.TCA]	01.95- 07.00	111987	28 55	01.95- 07.00	110532	24 6.6
260 S 27 7.8	(Stralis)[F2BE0641]	01.08-	113923	28 90	01.08-	112822	24 4.5
		01.08-	115879	28 90 A49	01.08-	115880	24 4.5 A49
		01.08-	116019*	28 90			
260 S 27 7.8	(Stralis)[F2BE0681F]	04.04-	113923	28 90	04.04-	112822	24 4.5
		04.04-	115798	28 120	04.04-	115880	24 4.5 A49
		04.04-	115879	28 90 A49			
260 S 30 7.8	(Stralis)[F2BE0681E]	04.04-	113923	28 90	04.04-	112822	24 4.5
		04.04-	115798	28 120	04.04-	115880	24 4.5 A49
		04.04-	115879	28 90 A49			
		04.04-	115879	28 90 A49	04.04-	115880	24 4.5 A49
260 S 31 7.8	(Stralis)[F2BE0681B]	06.03-	113923	28 90	06.03-	112822	24 4.5
		06.03-	115798	28 120	06.03-	115880	24 4.5 A49
		06.03-	115879	28 90 A49			
	(Stralis)[F2BE3681C]	06.03-	113923	28 90	06.03-	112822	24 4.5
		06.03-	115798	28 120	06.03-	115880	24 4.5 A49
		06.03-	115879	28 90 A49			
	04.04-	116019*	28 90	06.03-	115880	24 4.5 A49	
260 S 33 7.8	(Stralis)[F2BE3681B]	12.06-	113923	28 90	12.06-	112822	24 4.5
		12.06-	115798	28 120	12.06-	115880	24 4.5 A49
		12.06-	115879	28 90 A49			
		12.06-	116019*	28 90			
260 S 35 7.8	(Stralis)[F2BE0681A]	06.03-	113923	28 90	06.03-	112822	24 4.5
		06.03-	115798	28 120	06.03-	115880	24 4.5 A49
		06.03-	115879	28 90 A49			
	(Stralis)[F2BE3681A]	06.03-	113923	28 90	06.03-	112822	24 4.5
		06.03-	115798	28 120	06.03-	115880	24 4.5 A49
		06.03-	115879	28 90 A49			
260 S 36 7.8	(Stralis)[F2BE3681A]	07.07-	113923	28 90	07.07-	112822	24 4.5
		07.07-	115798	28 120	07.07-	115880	24 4.5 A49
		07.07-	115879	28 90 A49			
		07.07-	116019*	28 90			
260 S 40 10.3	(Cursor)[F3AE0681B]	02.02-	112427	28 90	02.02-	112823	24 5.5
		02.02-	115602	28 90	08.05-	113984	24 5.0
		02.02-	115799	28 120	02.02-	115872	24 5.5 A49
		02.02-	115871	28 90 A49			
	(Stralis)	02.02-	112427	28 90	02.02-	112823	24 5.5
		02.02-	115871	28 90 A49	02.02-	115872	24 5.5 A49
					08.05-	113984	24 5.0
					02.02-	112823	24 5.5
	(Cursor)[F3AE0681H]	02.02-	115602	28 90	08.05-	113984	24 5.0
		02.02-	115799	28 120	02.02-	115872	24 5.5 A49
		02.02-	115871	28 90 A49			
		(Stralis)	02.02-	112427	28 90	02.02-	112823
		02.02-	115871	28 90 A49	02.02-	115872	24 5.5
					12.06-	113984	24 5.0
260 S 42 10.3	(Stralis)[F3A3681B]				12.06-	113984	24 5.0
	(Stralis)[F3AE3681B]	05.07-	112427	28 90	05.07-	112823	24 5.5
		05.07-	115871	28 90 A49	05.07-	113984	24 5.0
				05.07-	115872	24 5.5 A49	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

IVECO Continued

260 S 43 10.3	(Cursor)[F3AE0681D]	02.02-	112427	28 90	08.05-	113984	24 5.0
		02.02-	115602	28 90			
		02.02-	115871	28 90 A49			
	(Stralis)	02.02-	112427	28 90	02.02-	112823	24 5.5
		02.02-	115871	28 90 A49	02.02-	115872	24 5.5 A49
					08.05-	113984	24 5.0
260 S 45 10.3	(Stralis)[F3A3681A]				05.07-	113984	24 5.0
	(Stralis)[F3AE3681A]	05.07-	112427	28 90	05.07-	112823	24 5.5
		05.07-	115871	28 90 A49	05.07-	113984	24 5.0
					05.07-	115872	24 5.5 A49
260 S 48 12.9	(Cursor)[F3BE0681E]	02.02-	112427	28 90	02.02-	112823	24 5.5
		02.02-	115602	28 90	08.05-	113984	24 5.0
		02.02-	115799	28 120	02.02-	115872	24 5.5 A49
		02.02-	115871	28 90 A49			
	(Stralis)	02.02-	112427	28 90	02.02-	112823	24 5.5
		02.02-	115871	28 90 A49	02.02-	115872	24 5.5 A49
260 S 50 12.9	(Stralis)[F3B3681B]	07.06-	112427	28 90	07.06-	112823	24 5.5
		07.06-	115871	28 90 A49	07.06-	113984	24 5.0
					07.06-	115872	24 5.5 A49
	(Stralis)[F3HFE611B]	07.06-	112427	28 90	07.06-	112823	24 5.5
		07.06-	115871	28 90 A49	07.06-	113984	24 5.0
					07.06-	115872	24 5.5 A49
260 S 54 12.9	(Cursor)[F3BE0681A]	02.02-	112427	28 90	02.02-	112823	24 5.5
		02.02-	115602	28 90	08.05-	113984	24 5.0
		02.02-	115799	28 120	02.02-	115872	24 5.5 A49
		02.02-	115871	28 90 A49			
	(Stralis)	02.02-	112427	28 90	08.05-	113984	24 5.0
		02.02-	115871	28 90 A49			
260 S 56 12.9	(Stralis)[F3B3681A]	07.06-	112427	28 90	07.06-	112823	24 5.5
		07.06-	115871	28 90 A49	07.06-	113984	24 5.0
					07.06-	115872	24 5.5 A49
	(Stralis)[F3HFE611A]	07.06-	112427	28 90	07.06-	112823	24 5.5
		07.06-	115871	28 90 A49	07.06-	113984	24 5.0
					07.06-	115872	24 5.5 A49
260 T 31 7.8	(Trakker)[F2BE0681B]	10.04-	113923	28 90	10.04-	112822	24 4.5
		10.04-	115798	28 120	10.04-	115880	24 4.5 A49
		10.04-	115879	28 90 A49			
260 T 33 7.8	(Trakker)[F2BE3681B]	03.06-	113923	28 90	03.06-	112822	24 4.5
		03.06-	115798	28 120	03.06-	115880	24 4.5 A49
		03.06-	115879	28 90 A49			
260 T 35 7.8	(Trakker)[F2BE0681A]	10.04-	113923	28 90	10.04-	112822	24 4.5
		10.04-	115798	28 120	10.04-	115880	24 4.5 A49
		10.04-	115879	28 90 A49			
	(Trakker)[F2BE3681A]	10.04-	113923	28 90	10.04-	112822	24 4.5
		10.04-	115798	28 120	10.04-	115880	24 4.5 A49
		10.04-	115879	28 90 A49			
260 T 36 7.8	(Trakker)[F2BE3681A]	10.04-	113923	28 90	10.04-	112822	24 4.5
		10.04-	115798	28 120	10.04-	115880	24 4.5 A49
		10.04-	115879	28 90 A49			
260 T 38 12.9	(Trakker)[F3BE0681G]	10.04-	112427	28 90	10.04-	113984	24 5.0
		10.04-	115871	28 90 A49			
260 T 41 12.9	(Trakker)[F3BE3681D]				03.06-	113984	24 5.0
260 T 45 12.9	(Trakker)[F3BE3681C]				03.06-	113984	24 5.0 MI
260 T 50 12.9	(Trakker)[F3BE3681B]				03.06-	113984	24 5.0
260-23 AH 13.4	[FBL513]	04.89- 12.99	113470	28 35			
260-25 AH 13.4	[FBL513]	04.89- 12.99	113470	28 35			
260-30 AH 12.8	[BF8L513]	06.88- 05.90	113470	28 35			
260-30 H 13.8	[8210..]	06.84- 10.91	112097	28 30			
260-34 AH 12.8	[BF8L513]	04.89- 12.99	113470	28 35			
260-34 AHW 12.8	[BF8L513]	04.89- 12.99	113470	28 35			
280 E 23 6.0	(EuroCargo)[8060.45S.6000TCA]	12.91- 11.00	111419	28 55	01.92- 11.00	110518	24 4.0
		12.91- 11.00	112097	28 30	01.00-	113277	24 4.0
300-32 AH 12.8	[BF8L513]	04.89- 12.99	113470	28 35			
300-34 AH 12.8		04.89- 04.92	113470	28 35			
320 E 27 7.7	(EuroCargo)[8360.46.417]	01.92-	112302	28 120	10.91- 08.00	114446	24 5.4
					10.91- 08.00	114446	24 5.4
320 E 28 5.9	(Tector)[F4AE0681A]	09.00- 08.03	113188	28 70	09.00- 08.03	112498	24 4.0
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49			
320-30 H 13.8	[8210..]	01.84- 07.96	112097	28 30			
		02.90- 07.96	111419	28 55			
320-32 AH 12.8	[BF8L513]	04.89- 07.96	113470	28 35			
330-30 H 13.8	[8210..]	06.84- 12.92	112097	28 30			
330-30 N 13.8	[8210..]	10.89- 12.95	112097	28 30			
330-36 H 13.8	[8210..]	01.89- 12.98	111419	28 55			
		01.89- 12.98	112097	28 30			
330-36 HW 13.8	[8210..]	02.89- 12.98	111419	28 55			
		02.89- 12.98	112097	28 30			
340 E 34 9.5	(EuroTrakker)[8460.41K]	04.92- 07.00	111987	28 55	01.93- 11.04	110582	24 5.4
		04.92- 07.00	112076	28 80			
	(EuroTrakker)[8460.41K.]	11.99- 11.04	111987	28 55	11.99- 11.04	110582	24 5.4
		11.99- 11.04	112076	28 80			
340 E 35 7.8	(Cursor)[F2BE0681A]	08.00-	115798	28 120	09.99- 11.04	115880	24 4.5 A49
		09.99- 11.04	113923	28 90	09.99- 11.04	112822	24 4.5
		09.99- 11.04	115879	28 90 A49			
340 E 37 13.8	(EuroTrakker)[8210.42K.]	11.99- 11.04	111987	28 55	11.99- 11.04	110532	24 6.6
		11.99- 11.04	112076	28 80			
340 E 37 14.0	(EuroTrakker)[8210.42K]	03.95- 12.02	111987	28 55			
		03.95- 12.02	112076	28 80			
340 E 38 12.9	(Cursor)[F3BE0681G]	08.00-	112427	28 90	01.01- 11.04	112823	24 5.5
		01.01- 11.04	115602	28 90	08.05-	113984	24 5.0
		01.01- 11.04	115799	28 120	01.01- 11.04	115872	24 5.5 A49
		01.01- 11.04	115871	28 90 A49			



340 E 42 13.8	(EuroTrakker)[8210.42L.]	11.99- 11.04	111987	28 55	11.99- 11.04	110213	24 6.6
		11.99- 11.04	112076	28 80	11.99- 11.04	110532	24 6.6
340 E 42 14.0	(EuroTrakker)[8210.42L]	06.92- 12.00	111987	28 55	01.95- 12.00	110213	24 6.6
		06.92- 12.00	112076	28 80	01.95- 12.00	110532	24 6.6
340 E 44 12.9	(Cursor)[F3BE0681C]	08.00-	112427	28 90	01.01- 11.04	112823	24 5.5
		01.01- 11.04	115602	28 90	08.05-	113984	24 5.0
		01.01- 11.04	115799	28 120	01.01- 11.04	115872	24 5.5 A49
		01.01- 11.04	115871	28 90 A49			
340 T 35 7.8	(Trakker)[F2BE0681A]	06.05-	113923	28 90	06.05-	112822	24 4.5
		06.05-	115879	28 90 A49	06.05-	115880	24 4.5 A49
340 T 36 7.8	(Trakker)[F2BE3681A]	03.06-	113923	28 90	03.06-	112822	24 4.5
		03.06-	115798	28 120	03.06-	115880	24 4.5 A49
		03.06-	115879	28 90 A49			
340 T 38 12.8	(Trakker)[F3BE0681G]	09.05-	112427	28 90	09.05-	112823	24 5.5
		09.05-	115871	28 90 A49	09.05-	115872	24 5.5 A49
340 T 38 12.9	(Trakker)[F3BE0681G]	06.05-	112427	28 90	06.05-	112823	24 5.5
		06.05-	115871	28 90 A49	06.05-	115872	24 5.5 A49
340 T 41 12.9	(Trakker)[F3B3681D]				06.06-	113984	24 5.0
	(Trakker)[F3BE3681D]				03.06-	113984	24 5.0
340 T 44 12.8	(Trakker)[F3BE0681C]	06.05-	112427	28 90	06.05-	112823	24 5.5
		06.05-	115871	28 90 A49	06.05-	115872	24 5.5 A49
340 T 45 12.9	(Trakker)[F3B3681C]				06.06-	113984	24 5.0
	(Trakker)[F3BE3681C]				03.06-	113984	24 5.0
340 T 50 12.9	(Trakker)[F3BE3681B]				03.06-	113984	24 5.0
380 E 34 9.5	(EuroTrakker)[8460.41K]	04.92- 07.00	111987	28 55	01.93- 11.04	110582	24 5.4
		04.92- 07.00	112076	28 80			
		11.99- 11.04	111987	28 55	11.99- 11.04	110582	24 5.4
380 E 35 7.8	(Cursor)[F2BE0681A]	11.99- 11.04	112076	28 80			
		01.00- 11.04	113923	28 90	01.00- 11.04	112822	24 4.5
		01.00- 11.04	115879	28 90 A49	01.00- 11.04	115880	24 4.5 A49
380 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99- 11.04	111987	28 55	11.99- 11.04	110532	24 6.6
		11.99- 11.04	112076	28 80			
380 E 37 14.0	(EuroTrakker)[8210.42K]	03.95- 12.02	111987	28 55			
		03.95- 12.02	112076	28 80			
380 E 38 12.9	(Cursor)[F3BE0681G]	08.00- 11.04	112427	28 90	01.01- 11.04	112823	24 5.5
		01.01- 11.04	115871	28 90 A49	08.04-	113984	24 5.0
					01.01- 11.04	115872	24 5.5 A49
380 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99- 11.04	111987	28 55	11.99- 11.04	110213	24 6.6
		11.99- 11.04	112076	28 80	11.99- 11.04	110532	24 6.6
					01.93- 11.04	110213	24 6.6
380 E 42 14.0	(EuroTrakker)[8210.42L]	06.92- 12.00	111987	28 55			
		06.92- 12.00	112076	28 80			
380 E 44 12.9	(Cursor)[F3BE0681C]	08.00- 11.04	112427	28 90	01.01- 11.04	112823	24 5.5
		01.01- 11.04	115871	28 90 A49	01.01- 11.04	115872	24 5.5 A49
					11.99- 11.04	110532	24 6.6
380 E 47 13.8	(EuroTrakker)[8210.42M.TCA]	11.99- 11.04	111987	28 55	11.99- 11.04	110532	24 6.6
		11.99- 11.04	112076	28 80			
380 T 33 7.8	(Trakker)[F2BE3681B]	03.06-	113923	28 90	03.06-	112822	24 4.5
		03.06-	115879	28 90 A49	03.06-	115880	24 4.5 A49
380 T 36 7.8	(Trakker)[F2BE3681A]	10.04-	113923	28 90	10.04-	112822	24 4.5
		10.04-	115798	28 120	10.04-	115880	24 4.5 A49
		10.04-	115879	28 90 A49			
380 T 38 12.9	(Trakker)[F3BE0681G]	06.05-	112427	28 90	06.05-	112823	24 5.5
		06.05-	115871	28 90 A49	06.05-	115872	24 5.5 A49
380 T 41 12.8	(Trakker)[F3B3681D]	09.06-	112427	28 90	09.06-	112823	24 5.5
		09.06-	115871	28 90 A49	09.06-	113984	24 5.0
					09.06-	115872	24 5.5 A49
380 T 41 12.9	(Trakker)[F3BE3681D]				03.06-	113984	24 5.0
	(Trakker)[F3HFE611/410]				03.06-	113984	24 5.0
380 T 42 12.9	(Trakker)[F3BE0681V]	04.06- 12.12	112427	28 90	04.06- 12.12	112823	24 5.5
		04.06- 12.12	115871	28 90 A49	04.06- 12.12	113984	24 5.0
					04.06- 12.12	115872	24 5.5 A49
380 T 45 12.8	(Trakker)[F3B3681C]	09.06-	112427	28 90	09.06-	112823	24 5.5
		09.06-	115871	28 90 A49	09.06-	113984	24 5.0
					09.06-	115872	24 5.5 A49
380 T 45 12.9	(Trakker)[F3BE3681C]				03.06-	113984	24 5.0 MI
	(Trakker)[F3HFE611/450]	01.13-	112427	28 90	01.13-	112823	24 5.5
		01.13-	115871	28 90	03.06-	113984	24 5.0
380 T 50 12.9	(Trakker)[F3BE3681B]	03.07-	112427	28 90	03.06-	113984	24 5.0
		03.07-	115871	28 90 A49	03.07-	112823	24 5.5
					03.07-	115872	24 5.5 A49
380.10.29 9.5	[8460.41..]	01.92- 11.00	112302	28 120			
380.12.29 9.5	[8460.41..]	01.92- 11.00	112302	28 120			
400 E 30 9.5	(EuroTech)[8460.41C.320]	04.92- 12.00	111987	28 55	01.92- 08.98	110582	24 5.4
		04.92- 12.00	112076	28 80			
400 E 31 7.8	(Cursor)[F2BE0681B]	08.00-	115798	28 120	09.98-	115880	24 4.5 A49
		09.98-	113923	28 90	09.98-	112822	24 4.5
		09.98-	115879	28 90 A49			
400 E 34 9.5	(EuroTrakker)[8460.41K]				01.93- 12.00	110582	24 5.4
	(EuroTech)[8460.41K.406]	01.92- 12.00	111987	28 55	04.92- 12.00	110582	24 5.4
		01.92- 12.00	112076	28 80			
400 E 35 7.8	(Cursor)[F2BE0681A]	08.00-	115798	28 120	09.98- 11.04	115880	24 4.5 A49
		09.98- 11.04	113923	28 90	09.98- 11.04	112822	24 4.5
		09.98- 11.04	115879	28 90 A49			
400 E 37 14.0	(EuroTrakker)[8210.42K]	07.94- 12.00	111987	28 55			
		07.94- 12.00	112076	28 80			
400 E 38 9.5	(EuroStar)[8460.41L.5020]	01.94- 11.00	111987	28 55	01.94- 11.00	110582	24 5.4
	(EuroTech)	09.92- 11.00	111987	28 55	09.92- 11.00	110582	24 5.4
	(EuroStar)[8460.41LTCA]	01.94- 11.00	111987	28 55	01.94- 11.00	110582	24 5.4
	(EuroStar)[8460.41N]	01.94- 11.00	111987	28 55	01.94- 11.00	110582	24 5.4
	(EuroTech)	09.92- 11.00	111987	28 55	09.92- 11.00	110582	24 5.4
400 E 42 14.0	(EuroStar)[8210.42L]	01.94- 12.00	111987	28 55			
	(EuroTrakker)	04.92- 12.00	111987	28 55	01.93- 11.04	110532	24 6.6
		04.92- 12.00	112076	28 80	01.93- 11.04	110213	24 6.6
	(EuroTech)[8210.42L.400]	04.92- 12.00	111987	28 55			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

IVECO Continued

400 T 35 7.8	(Trakker)[F2BE0681A]	06.05-	113923	28 90	06.05-	112822	24 4.5
		06.05-	115798	28 120	06.05-	115880	24 4.5 A49
		06.05-	115879	28 90 A49			
400 T 36 7.8	(Trakker)[F2BE3681A]	10.04-	113923	28 90	10.04-	112822	24 4.5
		10.04-	115798	28 120	10.04-	115880	24 4.5 A49
		10.04-	115879	28 90 A49			
400 T 41 12.9	(Trakker)[F3BE3681D]				03.06-	113984	24 5.0
400 T 42 12.9	(Trakker)[F3BE0681V]	06.05-	112427	28 90	06.05-	113984	24 5.0
		06.05-	115871	28 90 A49			
400 T 45 12.9	(Trakker)[F3BE3681C]				03.06-	113984	24 5.0 MI
400 T 50 12.9	(Trakker)[F3BE3681B]				03.06-	113984	24 5.0
410 E 35 7.8	(Cursor)[F2BE0681A]	01.00- 11.04	113923	28 90	01.00- 11.04	112822	24 4.5
		01.00- 11.04	115879	28 90 A49	01.00- 11.04	115880	24 4.5 A49
410 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99- 11.04	111987	28 55	11.99- 11.04	110213	24 6.6
		11.99- 11.04	112076	28 80	11.99- 11.04	110532	24 6.6
410 E 37 14.0	(EuroTrakker)[8210.42K]	04.92- 11.00	111987	28 55			
		04.92- 11.00	112076	28 80			
410 E 38 12.9	(Cursor)[F3BE0681G]	08.00- 11.04	112427	28 90	01.01- 11.04	112823	24 5.5
		01.01- 11.04	115871	28 90 A49	08.05-	113984	24 5.0
					01.01- 11.04	115872	24 5.5 A49
410 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99- 11.04	111987	28 55	11.99- 11.04	110213	24 6.6
		11.99- 11.04	112076	28 80	11.99- 11.04	110532	24 6.6
410 E 42 14.0	(EuroTrakker)[8210.42L]	04.92- 11.00	111987	28 55			
		04.92- 11.00	112076	28 80	01.93- 11.04	110213	24 6.6
410 E 44 12.9	(Cursor)[F3BE0681C]	08.00- 11.04	112427	28 90	08.04-	113984	24 5.0
		01.01- 11.04	115871	28 90 A49	01.01- 11.04	112823	24 5.5
					01.01- 11.04	115872	24 5.5 A49
410 T 36 7.8	(Trakker)[F2BE3681A]	03.06-	113923	28 90	03.06-	112822	24 4.5
		03.06-	115798	28 120	03.06-	115880	24 4.5 A49
		03.06-	115879	28 90 A49			
410 T 38 12.9	(Trakker)[F3BE0681G]	04.05-	112427	28 90	04.05-	112823	24 5.5
		04.05-	115871	28 90 A49	04.05-	115872	24 5.5 A49
410 T 41 12.9	(Trakker)[F3B3681D]				06.06-	113984	24 5.0
					03.06-	113984	24 5.0
410 T 44 12.8	(Trakker)[F3BE0681C]	06.05-	112427	28 90	06.05-	112823	24 5.5
		06.05-	115871	28 90 A49	06.05-	113984	24 5.0
					06.05-	115872	24 5.5 A49
410 T 44 12.9	(Trakker)[F3BE0681C]	02.05-	112427	28 90	02.05-	112823	24 5.5
		02.05-	115871	28 90 A49	02.05-	115872	24 5.5 A49
410 T 45 12.9	(Trakker)[F3B3681C]				06.06-	113984	24 5.0
					03.06-	113984	24 5.0
410 T 48 12.9	(Trakker)[F3BE0681E]	02.05-	112427	28 90	02.05-	112823	24 5.5
		02.05-	115871	28 90 A49	02.05-	115872	24 5.5 A49
410 T 50 12.9	(Trakker)[F3BE0681B]				06.06-	113984	24 5.0
					03.06-	113984	24 5.0
440 E 31 7.8	(Cursor)[F2BE0681B]	08.00-	115798	28 120	09.98-	115880	24 4.5 A49
		09.98-	113923	28 90	09.98-	112822	24 4.5
		09.98-	115879	28 90 A49			
440 E 34 9.5	(EuroTrakker)[8460.41K] (EuroTech)[8460.41K.406]	01.94- 07.00	111987	28 55	01.94- 07.00	110582	24 5.4
		01.92-	111987	28 55	04.92- 12.00	110582	24 5.4
		01.92-	112076	28 80			
440 E 35 7.8	(Cursor)[F2BE0681A]	08.00-	115798	28 120	09.98-	115880	24 4.5 A49
		09.98-	113923	28 90	09.98-	112822	24 4.5
		09.98-	115879	28 90 A49			
	(EuroTech)	02.00-	113923	28 90	02.00-	112822	24 4.5
		02.00-	115879	28 90 A49	02.00-	115880	24 4.5 A49
440 E 37 14.0	(EuroTrakker)[8210.42K]	04.92- 11.00	111987	28 55	01.93- 11.00	110213	24 6.6
		04.92- 11.00	112076	28 80	01.93- 11.00	110532	24 6.6
440 E 38 12.9	(Cursor)[F3BE0681G]	01.01- 11.04	112427	28 90	01.01- 11.04	112823	24 5.5
		01.01- 11.04	115871	28 90 A49	01.01- 11.04	115872	24 5.5 A49
440 E 38 9.5	(EuroStar)[8460.41L.5020] (EuroTech)	01.94- 11.00	111987	28 55	01.94-	110582	24 5.4
		09.92- 11.00	111987	28 55	01.92-	110582	24 5.4
	(EuroStar)[8460.41LTCA] (EuroTech)	01.94- 11.00	111987	28 55	01.93-	110582	24 5.4
		04.93- 11.00	111987	28 55	01.93-	110582	24 5.4
	(EuroStar)[8460.41N]	04.93- 11.00	112076	28 80			
		01.93- 02.02	112076	28 80			
		01.94- 11.00	111987	28 55	01.93-	110582	24 5.4
	(EuroTech)	09.92- 11.00	111987	28 55	01.92-	110582	24 5.4
440 E 39 10.3	(EuroStar)[F3AE0681E]	11.99-	112427	28 90	11.99-	112823	24 5.5
		11.99-	115871	28 90 A49	11.99-	113984	24 5.0
				11.99-	115872	24 5.5 A49	
	(EuroTech)	11.99- 12.00	111987	28 55	11.99-	115872	24 5.5 A49
		11.99- 12.00	112076	28 80			
		11.99-	112427	28 90	11.99-	112823	24 5.5
		11.99-	115871	28 90 A49	11.99-	113984	24 5.0
440 E 40 10.3	(EuroStar)[F3AE0681B]	09.00- 02.02	112427	28 90	09.00- 02.02	112823	24 5.5
		09.00- 02.02	115871	28 90 A49	09.00- 02.02	115872	24 5.5 A49
	(EuroTech)	09.00-	112427	28 90	09.00-	112823	24 5.5
		09.00-	115871	28 90 A49	09.00-	115872	24 5.5 A49
440 E 42 14.0	(EuroStar)[8210.42L] (EuroTrakker)	01.93- 12.00	111987	28 55			
		04.92- 12.00	111987	28 55			
		04.92- 12.00	112076	28 80			
	(EuroTech)[8210.42L.400]	04.92- 12.00	111987	28 55			
440 E 43 10.3	(EuroStar)[F3AE0681D]	01.93- 02.02	115602	28 90	01.93- 02.02	115872	24 5.5 A49
		01.93- 02.02	115799	28 120	02.02-	113984	24 5.0
		01.93- 02.02	115871	28 90 A49			
		11.99- 08.03	112427	28 90	01.93- 02.02	112823	24 5.5
	(EuroTech)	11.99- 08.03	112427	28 90	08.03-	113984	24 5.0
		11.99-	115871	28 90 A49	11.99-	112823	24 5.5
					11.99-	115872	24 5.5 A49
440 E 44 12.9	(Cursor)[F3BE0681C]	01.01- 11.04	112427	28 90	01.01- 11.04	112823	24 5.5
		01.01- 11.04	115871	28 90 A49	01.01- 11.04	115872	24 5.5 A49
440 E 47 14.0	(EuroStar)[8210.42M.TCA]	01.93- 02.02	111987	28 55	01.93- 02.02	110532	24 6.6
		01.93- 02.02	112076	28 80			



440 E 48 12.9	(EuroStar)[F3BE0681E]	01.01- 02.02	112427	28 90		01.01- 02.02	112823	24 5.5
		01.01- 02.02	115871	28 90	A49	08.03- 01.01- 02.02	113984 115872	24 5.0 24 5.5 A49
440 E 52 17.2	(EuroStar)[8280.42S.TCA]	01.93- 12.00	111987	28 55		01.93- 12.00	110532	24 6.6
440 S 31 7.8	(Stralis)[F2BE0681B]	06.03-	113923	28 90		06.03-	112822	24 4.5
		06.03-	115879	28 90	A49	06.03-	115880	24 4.5 A49
440 S 33 7.8	(Stralis)[F2BE3681B]	12.06-	113923	28 90		12.06-	112822	24 4.5
		12.06-	115798	28 120		12.06-	115880	24 4.5 A49
		12.06-	115879	28 90	A49			
440 S 35 7.8	(Stralis)[F2BE0681A]	06.03-	113923	28 90		06.03-	112822	24 4.5
		06.03-	115879	28 90	A49	06.03-	115880	24 4.5 A49
		02.02-	112427	28 90		08.05-	113984	24 5.0
440 S 40 10.3	(Cursor)[F3AE0681B]	02.02-	112427	28 90				
		02.02-	115871	28 90	A49			
	(Stralis)	06.03-	112427	28 90		08.05-	113984	24 5.0
		06.03-	115871	28 90	A49			
440 S 42 10.3	(Cursor)[F3AE0681H]	02.02-	115871	28 90	A49			
	(Stralis)	06.03-	115871	28 90	A49			
440 S 43 10.3	(Stralis)[F3A3681B]					07.06-	113984	24 5.0
	(Stralis)[F3AE3681B]					12.06-	113984	24 5.0
440 S 43 10.3	(Cursor)[F3AE0681D]	02.02-	112427	28 90		08.05-	113984	24 5.0
		02.02-	115871	28 90	A49			
	(Stralis)	06.03-	112427	28 90		08.05-	113984	24 5.0
440 S 45 10.3	(Stralis)[F3A3681A]	06.03-	115871	28 90	A49			
						07.06-	113984	24 5.0
440 S 46 10.3	(Stralis)	12.09-	112427	28 90		12.09-	112823	24 5.5
		12.09-	115871	28 90	A49	12.09-	115872	24 5.5 A49
440 S 48 12.8	(Stralis)[F3BE0681E]	02.02-	112427	28 90		02.02-	112823	24 5.5
		02.02-	115871	28 90	A49	02.02-	115872	24 5.5 A49
440 S 48 12.9	(Cursor)[F3BE0681E]	02.02-	112427	28 90		08.05-	113984	24 5.0
		02.02-	115871	28 90	A49			
	(Stralis)	02.02-	112427	28 90		08.05-	113984	24 5.0
440 S 50 12.9	(Stralis)[F3B3681B]	02.02-	112427	28 90		07.06-	113984	24 5.0
		02.02-	115871	28 90	A49	02.02-	112823	24 5.5
440 S 54 12.8	(Stralis)[F3BE0681A]	02.02-	112427	28 90		02.02-	115872	24 5.5 A49
		02.02-	115871	28 90	A49			
440 S 54 12.9	(Cursor)[F3BE0681A]	02.02-	112427	28 90		08.05-	113984	24 5.0
		02.02-	115871	28 90	A49	02.02-	112823	24 5.5
	(Stralis)	02.02-	115871	28 90	A49	02.02-	115872	24 5.5 A49
440 S 56 12.9	(Stralis)[F3B3681A]	08.05-	113984	24 5.0		08.05-	113984	24 5.0
						07.06-	113984	24 5.0
440 T 41 12.9	(Trakker)[F3BE3681D]					03.06-	113984	24 5.0
440 T 45 12.9	(Trakker)[F3BE3681C]					03.06-	113984	24 5.0
440 T 50 12.9	(Trakker)[F3BE3681B]					03.06-	113984	24 5.0
450 E 32 T 7.8	(EuroCargo)[F2BE1682G]	03.08- 12.11	113923	28 90		03.08- 12.11	112822	24 4.5
		03.08- 12.11	115879	28 90	A49	03.08- 12.11	115880	24 4.5 A49
450 S 33 T 8.7	(Stralis)[F2CFE611/330]	04.12-	113923	28 90		04.12-	112822	24 4.5
		04.12-	115879	28 90	A49	04.12-	115880	24 4.5 A49
	(Stralis)[F2CFE611C]	04.12-	113923	28 90		04.12-	112822	24 4.5
450 S 38 T 12.9	(Stralis)[F3BE0681G]	04.12-	115879	28 90	A49	04.12-	115880	24 4.5 A49
		08.05-	112427	28 90		08.05-	113984	24 5.0
450 S 42 T 12.9	(Stralis)[F3BE0681V]	08.05-	112427	28 90		08.05-	113984	24 5.0
		08.05-	115871	28 90	A49			
460 S 36 T 8.7	(Stralis)[F2CFE611/360]	04.12-	113923	28 90		04.12-	112822	24 4.5
		04.12-	115879	28 90	A49	04.12-	115880	24 4.5 A49
	(Stralis)[F2CFE611B]	04.12-	113923	28 90		04.12-	112822	24 4.5
490 S 38 T 12.9	(Stralis)[F3BE0681G]	04.12-	115879	28 90	A49	04.12-	115880	24 4.5 A49
		02.08-	112427	28 90		02.08-	113984	24 5.0
490 S 40 T 12.9	(Stralis)[F3BE3681D]	02.08-	115871	28 90	A49			
		04.12-	112427	28 90		04.12-	112823	24 5.5
490 S 42 T 12.9	(Stralis)[F3BE0681V]	04.12-	115871	28 90		04.12-	115872	24 5.5 A49
		02.08-	112427	28 90		02.08-	113984	24 5.0
490 S 44 T 12.9	(Stralis)	02.08-	115871	28 90	A49			
		04.12-	112427	28 90		04.12-	112823	24 5.5
490 S 48 T 12.9	(Stralis)[F3B3681F]	04.12-	115871	28 90		04.12-	115872	24 5.5 A49
		04.12-	112427	28 90		04.12-	115872	24 5.5 A49
50-10 4.6	(Zeta)[8340.04.200]	01.79- 10.83	110518	24 4.0		01.79- 10.83	110518	24 4.0
		01.79- 10.83	110518	24 4.0		01.79- 10.83	110518	24 4.0
		01.79- 10.83	110518	24 4.0		01.79- 10.83	110518	24 4.0
		01.79- 10.83	110518	24 4.0		01.79- 10.83	110518	24 4.0
50-8 3.7	(Zeta)[8040.04.200]	01.83- 12.86	110517	24 3.2		01.83- 12.86	110517	24 3.2
		01.83- 12.86	110517	24 3.2		01.83- 12.86	110517	24 3.2
50-9 3.9	(Zeta)[8040.05.230]					01.87- 03.91	110517	24 3.2
530 S 36 T 8.7	(Stralis)[F2CFE611/360]	04.12-	113923	28 90		04.12-	112822	24 4.5
		04.12-	115879	28 90	A49	04.12-	115880	24 4.5 A49
	(Stralis)[F2CFE611B]	04.12-	113923	28 90		04.12-	112822	24 4.5
570 S 38 T 12.9	(Stralis)[F3BE0681G]	04.12-	115879	28 90	A49	04.12-	115880	24 4.5 A49
		08.05- 03.12	112427	28 90		08.05- 03.12	113984	24 5.0
570 S 42 T 12.9	(Stralis)[F3BE0681V]	08.05- 03.12	115871	28 90	A49			
		08.05- 03.12	112427	28 90		08.05- 03.12	113984	24 5.0
570 S 42 TZ 12.9	(Stralis)[F3BE0681V]	08.05- 03.12	115871	28 90	A49			
		08.05- 03.12	112427	28 90		08.05- 03.12	113984	24 5.0
60 E 10 4.0	(EuroCargo)[8040.25B.4200LTC]	01.91- 05.96	111987	28 55		01.91- 05.96	110517	24 3.2
		01.91- 05.96	112097	28 30				
60 E 12 4.0	(EuroCargo)[8040.25X.4000TC]	01.91- 05.96	111987	28 55		01.91- 05.96	110517	24 3.2
		01.91- 05.96	112097	28 30		01.91- 12.96	110521	24 4.0
60 E 13 3.9	(Tector)[F4AE0481D]	09.00-	113188	28 70		09.00-	112498	24 4.0
		09.00-	114296	28 90				
		09.00-	115484	28 70	A49			
		09.00-	115489	28 90	A49			
60 E 14 3.9	(Tector)[F4AE3481C]	09.06-	113188	28 70		09.06-	114307	24 4.0
		09.06-	114296	28 90				
		09.06-	115484	28 70	A49			
		09.06-	115489	28 90	A49			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VECO Continued

60 E 14 4.0	(EuroCargo)[8040.45.4000TCA]	01.91- 05.96	111987	28 55	01.91- 05.96	110517	24 3.2
		01.91- 05.96	112097	28 30	01.91- 12.96	110521	24 4.0
60 E 15 3.9	(Tector)[F4AE0481C]	09.00-	113188	28 70	09.00-	112498	24 4.0
		09.00-	114296	28 90			
		09.00-	115484	28 70 A49			
		09.00-	115489	28 90 A49			
60 E 16 3.9	(Tector)[F4AE3481D]	09.06-	113188	28 70	09.06-	114307	24 4.0
		09.06-	114296	28 90			
		09.06-	115484	28 70 A49			
		09.06-	115489	28 90 A49			
600 S 40 T 12.9	(Stralis)[F3BE3681D]	04.12-	112427	28 90	04.12-	112823	24 5.5
		04.12-	115871	28 90 A49			
600 S 44 T 12.9	(Stralis)	04.12-	112427	28 90	04.12-	112823	24 5.5
		04.12-	115871	28 90 A49			
600 S 48 T 12.9	(Stralis)[F3B3681F]	04.12-	112427	28 90	04.12-	112823	24 5.5
		04.12-	115871	28 90 A49			
600 S 56 T 12.9	(Stralis)[F3B3681F]	04.12-	112427	28 90	04.12-	112823	24 5.5
		04.12-	115871	28 90 A49			
60-10 4.6	(Zeta)[8340.04.040]				11.79- 06.88	110518	24 4.0
60-11 3.9	(Zeta)[8340.04.200]				05.82- 12.86	110518	24 4.0
60-8 3.7	(Zeta)[8340.04.250]				05.82- 12.86	110518	24 4.0
60-9 3.9	(Zeta)[8040.25.230R]				01.87- 03.91	110517	24 3.2
60-9 3.9	(Zeta)[8040.04.200]	09.88- 12.92	111419	28 55	11.79- 04.83	110517	24 3.2
		09.88- 12.92	111419	28 55			
		09.88- 12.92	111987	28 55			
		09.88- 12.92	111987	28 55			
65 E 10 4.0	(EuroCargo)[8040.25B.4200LTC]	01.91- 05.96	111987	28 55	01.91- 05.96	110517	24 3.2
		01.91- 05.96	112097	28 30			
		01.91- 05.96	111987	28 55			
65 E 12 4.0	(EuroCargo)[8040.25X.4000TC]	01.91- 05.96	111987	28 55	01.91- 05.96	110517	24 3.2
		01.91- 05.96	112097	28 30			
		01.91- 05.96	111987	28 55			
65 E 13 3.9	(Tector)[F4AE0481D]	08.00-	113188	28 70	09.00-	112498	24 4.0
		08.00- 08.03	115484	28 70 A49			
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115489	28 90 A49			
65 E 14 3.9	(EuroCargo)[F4AE3481C]	09.06-	113188	28 70	09.06-	114307	24 4.0
		09.06-	114296	28 90			
		09.06-	115484	28 70 A49			
		09.06-	115489	28 90 A49			
(Tector)	09.06-	113188	28 70	09.06-	114307	24 4.0	
	09.06-	114296	28 90				
	09.06-	115484	28 70 A49				
	09.06-	115489	28 90 A49				
65 E 14 4.0	(EuroCargo)[8040.45.4000TCA]	01.91- 06.96	111987	28 55	01.91-	110521	24 4.0
		01.91- 06.96	112097	28 30			
65 E 15 3.9	(Tector)[F4AE0481C]	09.00-	113188	28 70	08.00-	112498	24 4.0
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49			
65 E 16 3.9	(EuroCargo)[F4AE3481D]	09.06-	113188	28 70	09.06-	114307	24 4.0
		09.06-	114296	28 90			
		09.06-	115484	28 70 A49			
		09.06-	115489	28 90 A49			
(Tector)	09.06-	113188	28 70	09.06-	114307	24 4.0	
	09.06-	114296	28 90				
	09.06-	115484	28 70 A49				
	09.06-	115489	28 90 A49				
65-10 4.6	(Zeta)[8340.04.200]				05.82- 01.87	110518	24 4.0
65-12 3.9	(Zeta)[8340.04.300]				05.82- 01.87	110518	24 4.0
65-9 3.9	(Zeta)[8340.04.350]				05.82- 01.87	110518	24 4.0
70-12 5.4	(Zeta)[8040.05.230]				01.87- 03.91	110517	24 3.2
70-14 5.7	(Zeta)[8340.05.200]				01.83- 01.85	110518	24 4.0
(Zeta)[8060.05.246]					05.88- 06.91	110518	24 4.0
(Zeta)[8060.05.285]					05.88- 12.92	110518	24 4.0
720 E 37 14.0	(EuroTrakker)[8210.42K]	09.93- 12.95	111987	28 55			
		09.93- 12.95	112076	28 80			
720 E 42 14.0	(EuroTrakker)[8210.42L]	09.93- 12.00	111987	28 55	01.93- 11.04	110213	24 6.6
		09.93- 12.00	112076	28 80			
720 E 44 12.9	(Cursor)[F3BE0681C]	01.01- 11.04	112427	28 90	01.01- 11.04	112823	24 5.5
		01.01- 11.04	115871	28 90 A49			
720 E 48 12.9	(Cursor)[F3BE0681E]	01.01- 11.04	112427	28 90	01.01- 11.04	112823	24 5.5
		01.01- 11.04	115871	28 90 A49			
720 T 41 12.9	(Trakker)[F3BE3681D]				01.01- 11.04	115872	24 5.5 A49
720 T 42 12.9	(Trakker)[F3BE0681V]	04.05-	112427	28 90	03.06-	113984	24 5.0 MI
		04.05-	115871	28 90 A49			
720 T 45 12.9	(Trakker)[F3BE3681C]				03.06-	113984	24 5.0 MI
720 T 50 12.9	(Trakker)[F3BE3681B]				03.06-	113984	24 5.0
740 48 T 12.9	(Trakker)[F3BE0681E]	02.05-	112427	28 90	02.05-	112823	24 5.5
		02.05-	115871	28 90 A49			
740 S 42 TZ 12.9	(Stralis)[F3BE0681V]	08.05- 03.12	112427	28 90	08.05- 03.12	113984	24 5.0
		08.05- 03.12	115871	28 90 A49			
75 E 12 4.0	(EuroCargo)[8040.25X.4000TC]	01.91- 05.96	111987	28 55	01.91- 05.96	110517	24 3.2
		01.91- 05.96	112097	28 30			
		01.97-	112076	28 80			
75 E 13 3.9	(Tector)[F4AE0481D]	09.00-	113188	28 70	09.00-	112498	24 4.0
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49			
75 E 14 3.9	(Tector)[F4AE3481C]	09.06-	113188	28 70	09.06-	114307	24 4.0
		09.06-	114296	28 90			
		09.06-	115484	28 70 A49			
		09.06-	115489	28 90 A49			
75 E 14 4.0	(EuroCargo)[8040.45.4000]	01.91- 12.93	111987	28 55	01.91-	113183	24 4.0
		01.91- 12.92	112097	28 30			
					01.91-	110517	24 3.2
					01.91-	110521	24 4.0



	(EuroCargo)[8040.45.4000TCA]	01.91- 12.93	111987	28 55		01.97- 08.00	110517	24 3.2
		01.91- 12.93	112097	28 30				
	(EuroCargo)[8040.45.4180]	01.91- 12.93	111987	28 55		01.91- 11.85- 03.91	110517 113183	24 3.2 24 4.0
	(EuroCargo)[8040.45.4180TCA]	01.92- 12.92	111987	28 55		01.97- 08.00	110517	24 3.2
75 E 15 3.9	(Tector)[F4AE0481C]	09.00- 09.00- 08.03 09.00- 08.03	113188 114296 115484	28 70 28 90 28 70 A49		09.00-	112498	24 4.0
		09.00- 08.03	115489	28 90 A49				
75 E 15 6.0	(EuroCargo)[8060.25R.4200LTC]	01.91- 12.92	111987	28 55		01.91- 12.92	110518	24 4.0
		01.91- 12.92	112097	28 30		01.00-	113277	24 4.0
75 E 16 3.9	(EuroCargo)[F4AE3481D]	05.06- 05.06- 05.06-	113188 114296 115484	28 70 28 90 28 70 A49		05.06-	114307	24 4.0
		05.06-	115489	28 90 A49				
	(Tector)	09.06- 09.06- 09.06-	113188 114296 115484	28 70 28 90 28 70 A49		09.06-	114307	24 4.0
		09.06-	115489	28 90 A49				
75 E 16 4.5	(EuroCargo IV)[F4AFE411A]	09.15- 09.15- 09.15-	113188 114296 115484	28 70 28 90 28 70 A49		09.15-	114307	24 4.0
		09.15-	115489	28 90 A49				
75 E 17 3.9	(Tector)[F4AE0481A]	09.00- 09.00- 08.03 09.00- 08.03	113188 114296 115484	28 70 28 90 28 70 A49		09.00-	112498	24 4.0
		09.00- 08.03	115489	28 90 A49				
	(Tector)[F4AE3481B]	09.00- 09.00- 08.03 09.00- 08.03	113188 114296 115484	28 70 28 90 28 70 A49				
		09.00- 08.03	115489	28 90 A49				
75 E 18 5.9	(Tector)[F4AE0681D]	09.00- 09.00- 08.03 09.00- 08.03	113188 114296 115484	28 70 28 90 28 70 A49		09.00-	112498	24 4.0
		09.00- 08.03	115489	28 90 A49				
	(Tector)[F4AE0681E]	09.00- 09.00- 08.03 09.00- 08.03	113188 114296 115484	28 70 28 90 28 70 A49		09.00-	112498	24 4.0
		09.00- 08.03	115489	28 90 A49				
75 E 19 4.5	(EuroCargo IV)[F4AFE411E]	09.15- 09.15- 09.15-	113188 114296 115484	28 70 28 90 28 70 A49		09.15-	114307	24 4.0
		09.15-	115489	28 90 A49				
75 E 21 4.5	(EuroCargo IV)[F4AFE411C]	09.15- 09.15- 09.15-	113188 114296 115484	28 70 28 90 28 70 A49		09.15-	114307	24 4.0
		09.15-	115489	28 90 A49				
79-10 4.6	(Zeta)[8340.04.200]					01.83- 01.87	110518	24 4.0
	(Zeta)[8340.04.300]					01.83- 01.87	110518	24 4.0
79-12 3.9	(Zeta)[8040.25.200]					01.87- 03.91	110517	24 3.2
	(Zeta)[8040.25.220]					01.87- 03.91	110517	24 3.2
79-13 5.5	(Zeta)[8060.04.060]					01.83- 06.83 11.79- 12.83	110521 113183	24 4.0 24 4.0
	(Zeta)[8060.04.660]					01.83- 06.83 11.79- 12.83	110521 113183	24 4.0 24 4.0
79-14 5.5	(Zeta)[8060.04.660]					07.83- 11.85 01.83- 11.85	110521 113183	24 4.0 24 4.0
79-14 5.9	(Zeta)[8060.05.280]					07.88- 03.91 12.85- 06.88 12.85- 03.91	110518 110521 113183	24 4.0 24 4.0 24 4.0
80 E 15 3.9	(Tector)[F4AE0481C]	09.00- 09.00- 08.03 09.00- 08.03	113188 114296 115484	28 70 28 90 28 70 A49		09.00-	112498	24 4.0
		09.00- 08.03	115489	28 90 A49				
80 E 15 6.0	(EuroCargo)[8060.25R.4200LTC]	01.91- 08.00	111987	28 55		01.91- 08.00	110518	24 4.0
		01.91- 08.00	112097	28 30		01.00-	113277	24 4.0
80 E 17 3.9	(Tector)[F4AE0481A]	09.00- 09.00- 08.03 09.00- 08.03	113188 114296 115484	28 70 28 90 28 70 A49		09.00-	112498	24 4.0
		09.00- 08.03	115489	28 90 A49				
	(Tector)[F4AE3481A]	09.00- 09.00- 08.03 09.00- 08.03	113188 114296 115484	28 70 28 90 28 70 A49		09.00-	112498	24 4.0
		09.00- 08.03	115489	28 90 A49				
80 E 18 3.9	(Tector)[F4AE3481B]	09.06- 09.06- 09.06-	113188 114296 115484	28 70 28 90 28 70 A49		09.06- 09.06-	114307 112498	24 4.0 24 4.0
		09.06-	115489	28 90 A49				
80 E 18 5.9	(Tector)[F4AE0681E]	09.00- 09.00- 08.03 09.00- 08.03	113188 114296 115484	28 70 28 90 28 70 A49		09.00-	112498	24 4.0
		09.00- 08.03	115489	28 90 A49				
80 E 18 6.0	(EuroCargo)[8060.25V.4000TCA]	01.91- 08.00	111987	28 55		01.00-	113277	24 4.0
		01.91- 08.00	112097	28 30		01.91- 08.00	110518	24 4.0
80 E 21 5.9	(Tector)[F4AE0681D]	09.00- 09.00- 08.03 09.00- 08.03	113188 114296 115484	28 70 28 90 28 70 A49		09.00-	112498	24 4.0
		09.00- 08.03	115489	28 90 A49				
	(Tector)[F4AE3681B]	09.00- 09.00- 08.03 09.00- 08.03	113188 114296 115484	28 70 28 90 28 70 A49		09.00-	112498	24 4.0
		09.00- 08.03	115489	28 90 A49				
80 E 21 6.0	(EuroCargo)[8060.45.4100TCA]	01.91- 08.00	111987	28 55		01.91- 08.00	110518	24 4.0
		01.91- 08.00	112097	28 30		01.00-	113277	24 4.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

VECO Continued

	(EuroCargo)[8060.45.4180TCA]	01.91-08.00	111987	28 55	01.91-08.00	110518	24 4.0
		01.91-08.00	112097	28 30	01.00-	113277	24 4.0
80 EL 16 3.9	(EuroCargo)[F4AE3481D]	05.06-	113188	28 70	05.06-	114307	24 4.0
		05.06-	114296	28 90			
		05.06-	115484	28 70 A49			
		05.06-	115489	28 90 A49			
80 EL 17 3.9	(Tector)[F4AE0481A]	09.00-	113188	28 70	09.00-	112498	24 4.0
		09.00-	114296	28 90			
		09.00-	115484	28 70 A49			
		09.00-	115489	28 90 A49			
80 EL 18 3.9	(Tector)[F4AE3481B]	09.06-	113188	28 70	09.06-	114307	24 4.0
		09.06-	114296	28 90			
		09.06-	115484	28 70 A49			
		09.06-	115489	28 90 A49			
800 S 44 TZ 12.9	(Stralis)	08.05-	112427	28 90	08.05-	112823	24 5.5
	(Stralis)	08.05-	115871	28 90 A49	08.05-	115872	24 5.5 A49
800 S 48 TZ 12.9	(Stralis)[F3B3681F]	04.12-	112427	28 90	04.12-	112823	24 5.5
		04.12-	115871	28 90 A49	04.12-	115872	24 5.5 A49
800 S 56 TZ 12.9	(Stralis)[F3HFE611/560]	04.12-	112427	28 90	04.12-	112823	24 5.5
		04.12-	115871	28 90 A49	04.12-	115872	24 5.5 A49
	(Stralis)[F3HFE611A]	04.12-	112427	28 90	04.12-	112823	24 5.5
		04.12-	115871	28 90 A49	04.12-	115872	24 5.5 A49
80-13 A... 6.1	[BF6L913]	03.86-12.91	113470	28 35			
80-16A... 6.1	[BF6L913]	03.86-12.91	113470	28 35			
90 E 17 3.9	(Tector)[F4AE0481A]	09.00-	113188	28 70	09.00-	112498	24 4.0
		09.00-08.03	114296	28 90			
		09.00-08.03	115484	28 70 A49			
		09.00-08.03	115489	28 90 A49			
90 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28 70	09.00-	112498	24 4.0
		09.00-08.03	114296	28 90			
		09.00-08.03	115484	28 70 A49			
		09.00-08.03	115489	28 90 A49			
90 E 21 5.9	(Tector)[F4AE0681D]	09.00-	113188	28 70	09.00-	112498	24 4.0
		09.00-08.03	114296	28 90			
		09.00-08.03	115484	28 70 A49			
		09.00-08.03	115489	28 90 A49			
90 E 22 5.9	(Tector)[F4AE3681B]	09.06-	113188	28 70	09.06-	114307	24 4.0
		09.06-	114296	28 90			
		09.06-	115484	28 70 A49			
		09.06-	115489	28 90 A49			
90 V 16 3.9	(Vertis)[F4AE3481D]	10.10-	113280	14 90			
90 V 18 3.9	(Vertis)[F4AE3481B]	10.10-	113280	14 90			
90-13A 6.1	[BF6L913T]	03.86-12.91	113470	28 35			
		01.91-12.91	112097	28 30			
95 E 15 6.0	(EuroCargo)[8060.25R.4750]	11.93-12.94	111987	28 55	01.00-	113277	24 4.0
		11.93-12.94	112076	28 80			
	(EuroCargo)[8060.25R.4755]	11.93-12.94	111987	28 55	01.00-	113277	24 4.0
		11.93-12.94	112076	28 80			
	(EuroCargo)[8060.25R.4760]	11.93-12.94	111987	28 55	01.00-	113277	24 4.0
		11.93-12.94	112076	28 80			
	(EuroCargo)[8060.25R.4764]	11.93-12.94	111987	28 55	01.00-	113277	24 4.0
		11.93-12.94	112076	28 80			
	(EuroCargo)[8060.45.4702]				01.00-	113277	24 4.0
	(EuroCargo)[8060.45R.5050]	01.93-08.00	111987	28 55	01.00-	113277	24 4.0
		01.93-08.00	112076	28 80			
	(EuroCargo)[8060.45R.5051]	01.93-08.02	111987	28 55	01.00-	113277	24 4.0
		01.93-08.02	112076	28 80			
95 E 21 6.0	(EuroCargo)[8060.45.4700]	01.91-12.00	111987	28 55	01.00-	113277	24 4.0
	(EuroCargo)[8060.45.4704]	01.91-12.00	111987	28 55	01.00-	113277	24 4.0
	(EuroCargo)[8060.45.4706]	01.91-12.00	111987	28 55	01.00-	113277	24 4.0
	(EuroCargo)[8060.45.4708]	01.91-12.00	111987	28 55	01.00-	113277	24 4.0
	(EuroCargo)[8060.45.5250]	01.91-08.00	111987	28 55	01.00-	113277	24 4.0
		01.91-08.00	112076	28 80			
	(EuroCargo)[8060.45.5251]	01.91-08.00	111987	28 55	01.00-	113277	24 4.0
		01.91-08.00	112076	28 80			
	(EuroCargo)[8060.45.5255]	01.91-08.00	111987	28 55	01.00-	113277	24 4.0
		01.91-08.00	112076	28 80			
95-14 5.5	(Zeta)[8060.04.669]				07.83-10.85	110521	24 4.0
					07.83-10.98	113183	24 4.0
LD 260 E 40 10.3	(EuroStar)[F3AE0681B]	09.00-02.02	112427	28 90	09.00-02.02	112823	24 5.5
		09.00-02.02	115871	28 90 A49	09.00-02.02	115872	24 5.5 A49
M 115-17 5.5	[8060.24.601]				09.83-12.85	110518	24 4.0
M 115-17 5.7	[8060.25.600]				01.86-12.99	110518	24 4.0
M 115-17 5.9	[8060.25.600]				01.86-12.99	110518	24 4.0
M 135-17 5.5	[8060.24.601]				09.83-12.85	110518	24 4.0
M 135-17 5.9	[8060.25.600]				01.86-08.92	110518	24 4.0
M 145-17 5.9	[8060.25.600]				02.86-07.92	110518	24 4.0
M 159-17 8.1	[8360.05.254]				07.82-09.86	110518	24 4.0
M 165-24 9.6	[8220.22.002]				06.82-09.86	110582	24 5.4
	[8220.22.102]				06.82-09.86	110582	24 5.4
M 175-17 5.9	[8060.25.600]				09.86-07.92	110518	24 4.0
M 175-24 9.5	[8460.21.002]				09.86-07.92	110582	24 5.4
	[8460.21.010]				09.86-07.92	110582	24 5.4
MK 110-13 6.1	[BF6L913T]	01.83-12.91	112046	14 95	01.83-12.91	110536	12 2.7
		01.83-02.86	112098	14 65	04.85-02.86	113467	12 3.7
		01.83-02.86	112736	14 65			
		03.86-12.89	113470	28 35	03.86-12.91	110523	24 4.8
	[F6L913]	01.83-12.91	112046	14 95	01.83-12.91	110536	12 2.7
		01.83-02.86	112098	14 65	04.85-02.86	113467	12 3.7
		01.83-02.86	112736	14 65	03.86-12.91	110523	24 4.8
MK 110-16 6.1	[BF6L913]	01.83-12.91	112046	14 95	03.86-12.91	110523	24 4.8
		01.83-02.86	112098	14 65	01.83-02.86	113467	12 3.7
		01.83-02.86	112736	14 65			
		03.86-12.89	113470	28 35			
		01.91-12.91	112747	28 55			

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	[BF6L913T]	01.83- 12.85	111419	28	55		01.83- 12.85	110523	24	4.8
		01.83- 12.85	112046	14	95		01.83- 12.85	113467	12	3.7
		01.83- 12.85	112098	14	65					
		01.83- 12.85	112736	14	65					
		01.83- 12.85	112747	28	55					
		01.83- 12.85	113470	28	35					
	[F6L913]	01.83- 12.85	111419	28	55		01.83- 12.85	110523	24	4.8
		01.83- 12.85	112046	14	95		01.83- 12.85	113467	12	3.7
		01.83- 12.85	112098	14	65					
		01.83- 12.85	112736	14	65					
		01.83- 12.85	112747	28	55					
		01.83- 12.85	113470	28	35					
MK 130-13 6.1	[BF6L913T]	01.83- 12.91	112046	14	95		01.83- 12.91	110536	12	2.7
		01.83- 02.86	112098	14	65		04.85- 02.86	113467	12	3.7
		01.83- 02.86	112736	14	65					
		03.86- 05.89	110766	28	27		03.86- 05.89	110523	24	4.8
		03.86- 05.89	113470	28	35					
	[F6L913]	01.83- 12.91	112046	14	95		01.83- 12.91	110536	12	2.7
		01.83- 02.86	112098	14	65		04.85- 02.86	113467	12	3.7
		01.83- 02.86	112736	14	65					
MK 130-16 6.1	[BF6L913]	01.83- 12.91	112046	14	95		01.83- 02.86	113467	12	3.7
		01.83- 02.86	112098	14	65					
		01.83- 02.86	112736	14	65					
		03.86- 12.91	110766	28	27		03.86- 12.91	110523	24	4.8
		03.86- 10.91	113470	28	35					
MK 75-9 4.1	[BF4L913T]	01.83- 05.89	112046	14	95					
		11.85- 10.87	110766	28	27		01.83- 02.86	110536	12	2.7
		11.87- 05.89	113470	28	35					
	[F4L913]	01.83- 05.89	112046	14	95		01.83- 02.86	110536	12	2.7
		01.83- 02.86	112098	14	65					
		01.83- 02.86	112736	14	65					
MK 80-13 6.1	[BF6L913T]	01.83- 12.91	112046	14	95		03.86- 12.91	110523	24	4.8
		01.83- 02.86	112098	14	65		01.83- 03.85	110536	12	2.7
		01.83- 02.86	112736	14	65		04.85- 02.86	113467	12	3.7
		03.86- 12.89	113470	28	35					
	[F6L913]	01.83- 12.91	112046	14	95		01.83- 12.91	110523	24	4.8
MK 80-16 6.1	[BF6L913]	01.83- 12.91	112046	14	95		03.86- 12.91	110523	24	4.8
		01.83- 02.86	112098	14	65		01.83- 02.86	113467	12	3.7
		01.83- 02.86	112736	14	65					
		03.86- 12.89	113470	28	35					
MK 80-9 4.1	[F4L913]	01.83- 02.86	112046	14	95		01.83- 02.86	110536	12	2.7
		01.83- 02.86	112098	14	65					
		01.83- 02.86	112736	14	65					
MK 90-13 6.1	[BF6L913T]	01.83- 12.91	112046	14	95		03.86- 12.91	110523	24	4.8
		01.83- 02.86	112098	14	65		01.83- 03.85	110536	12	2.7
		01.83- 02.86	112736	14	65		04.85- 12.91	113467	12	3.7
		03.86- 12.91	113470	28	35					
P/PA 120-13 6.2	[BF6L913T]	08.83- 02.88	110766	28	27		08.83- 09.90	110523	24	4.8
		03.88- 12.89	113470	28	35					
	[F6L913]	01.83- 02.86	110766	28	27		01.83- 02.86	110523	24	4.8
P/PA 120-16 6.2	[BF6L913]	01.83- 02.88	110766	28	27		01.83- 11.89	113464	24	4.0
		03.88- 11.89	113470	28	35					
P/PA 120-17 6.2	[BF6L913]	01.83- 11.89	110766	28	27		01.83- 11.89	113464	24	4.0
		03.88- 11.89	113470	28	35					
P/PA 150-16 6.2	[BF6L913]	01.83- 02.88	110766	28	27		01.83- 12.91	113464	24	4.0
		03.88- 12.89	113470	28	35					
P/PA 159-17 8.1	[8360.05.254]						07.82- 09.86	110518	24	4.0
P/PA 160-17 6.2	[BF6L913]	07.89- 07.96	113470	28	35		07.89- 12.93	113464	24	4.0
	[BF6L913/U]	07.89- 07.96	113470	28	35		07.89- 07.96	113464	24	4.0
P/PA 160-23 12.8	[BF8L513]	06.86- 05.89	110766	28	27		06.86- 05.89	110535	24	5.4
		06.86- 05.89	113470	28	35					
	[F8L413F]	04.84- 05.89	110766	28	27		04.84- 05.89	110534	24	5.4
		01.85- 05.89	113470	28	35					
P/PA 160-30 12.8	[BF8L513]	06.86- 02.88	110766	28	27		06.86- 05.89	110535	24	5.4
		03.88- 05.89	113470	28	35					
P/PA 170-23 13.4	[F8L513]	04.88- 07.96	113470	28	35		01.90- 07.96	110534	24	5.4
							04.88- 07.91	110535	24	5.4
P/PA 170-25 13.4	[F8L513]	03.89- 12.93	113470	28	35		03.89- 07.91	110535	24	5.4
P/PA 170-34 12.8	[BF8L513]	04.89- 07.91	113470	28	35		04.89- 07.91	110535	24	5.4
P/PA 180-23 13.4	[F8L513]	01.91- 12.93	112747	28	55		07.91- 07.00	110535	24	5.4
		01.91- 12.93	113470	28	35					
P/PA 180-25 13.4	[F8L513]	01.91- 07.00	112747	28	55		07.91- 07.00	110535	24	5.4
		01.91- 07.00	113470	28	35					
P/PA 180-34 12.8	[BF8L513]	07.91- 07.00	112747	28	55		07.91- 07.00	110535	24	5.4
P/PA 190-25 12.8	[F8L413F]	07.83- 09.90	110117	28	35					
		07.83- 06.86	110766	28	27		07.83- 09.90	110535	24	5.4
P/PA 190-30 13.8	[8210.22.175]	04.87- 01.99	111419	28	55		04.87- 01.99	110213	24	6.6
		04.87- 01.99	111987	28	55					
	[8210.22.210]	04.87- 12.90	111419	28	55					
		04.87- 12.90	111987	28	55					
		04.87- 12.90	112097	28	30					
		Eng. 461335- 09.87- 09.97	111987	28	55					
		Eng. -461334 09.87- 09.97	111419	28	55					
	[8210.22.236]	04.87- 12.90	111419	28	55					
		04.87- 12.90	111987	28	55					
		04.87- 12.90	112097	28	30					
		Eng. 461335- 09.87- 09.97	111987	28	55					
		Eng. -461334 09.87- 09.97	111419	28	55					
	[8210.22.511]	Eng. 461335- 09.87- 09.97	111987	28	55					
		Eng. -461334 09.87- 09.97	111419	28	55		09.87- 09.97	110213	24	6.6
	[8210.22.521]	Eng. 461335- 09.87- 09.97	111987	28	55					
		Eng. -461334 09.87- 09.97	111419	28	55					
	[8210.22.523]	Eng. 461335- 09.87- 09.97	111987	28	55		01.87- 09.97	110213	24	6.6
		Eng. -461334 08.87- 09.97	111419	28	55					
	[8210.22.525]	Eng. 461335- 09.87- 09.97	111987	28	55					
		Eng. -461334 09.87- 09.97	111419	28	55		09.87- 09.97	110213	24	6.6

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O.E.M. names and numbers are used for reference purposes only.



**VECO** Continued

	[8210.22.535]	Eng. 461335- 09.87- 09.97	111987	28 55				
		Eng. -461334 09.87- 09.97	111419	28 55		09.87- 09.97	110213	24 6.6
	[8210.22.537]	Eng. 461335- 09.87- 09.97	111987	28 55				
		Eng. -461334 09.87- 09.97	111419	28 55		09.87- 09.97	110213	24 6.6
P/PA 190-32 16.0	[F10L413F]	01.83- 12.85	110766	28 27		01.83- 12.85	110534	24 5.4
P/PA 260-25 12.8	[F8L413F]	12.79- 06.86	110117	28 35		12.79- 06.86	110534	24 5.4
		07.83- 06.86	110766	28 27		07.83- 06.86	110535	24 5.4
P/PA 260-25 13.4	[F8L513]	04.89- 12.99	113470	28 35		04.89- 12.99	110535	24 5.4
P/PA 260-30 12.8	[BF8L513]	06.86- 02.88	110766	28 27		06.86- 05.90	110535	24 5.4
		06.86- 05.90	112747	28 55				
		03.88- 12.89	113470	28 35				
P/PA 260-32 16.0	[F10L413F]	01.83- 12.85	110766	28 27		01.83- 12.85	110534	24 5.4
P/PA 260-34 12.8	[BF8L513]	04.89- 12.99	113470	28 35		04.89- 12.99	110535	24 5.4
P/PA 300-30 12.8	[BF8L513]	04.87- 05.89	112747	28 55		04.87- 05.89	110535	24 5.4
P/PA 330-30 12.8	[BF8L513]	05.86- 02.88	110766	28 27		05.86- 09.90	110535	24 5.4
		03.88- 12.89	113470	28 35				
P/PA 330-30 13.8	[8210.22X.069]					10.87- 12.95	110212	24 6.6
	[8210.22X.235]	02.90- 12.92	111419	28 55		06.84- 12.92	110212	24 6.6
		01.91- 12.92	111987	28 55				
		01.91- 12.92	112097	28 30				
	[8210.22X.523]	02.90- 12.92	111419	28 55		06.84- 12.92	110212	24 6.6
	[8210.22X.575]					10.87- 12.95	110212	24 6.6
P/PA 330-36 13.8	[8210.42.210]	01.89- 10.90	111987	28 55				
		10.91- 12.99	111419	28 55		10.91- 12.99	110213	24 6.6
	[8210.42.235]	01.89- 10.90	111987	28 55				
		10.91- 12.99	111419	28 55		10.91- 12.99	110213	24 6.6
	[8210.42.237]	01.89- 10.90	111987	28 55				
		10.91- 12.99	111419	28 55		10.91- 12.99	110213	24 6.6
	[8210.42.269]	01.89- 10.90	111987	28 55				
		10.91- 12.99	111419	28 55		10.91- 12.99	110213	24 6.6
	[8210.42.270]	01.89- 10.90	111987	28 55				
		10.91- 12.99	111419	28 55		10.91- 12.99	110213	24 6.6
	[8210.42.271]	01.89- 10.90	111987	28 55				
		10.91- 12.99	111419	28 55		10.91- 12.99	110213	24 6.6
P/PA 340-34 12.8	[BF8L513]	03.89- 12.98	113470	28 35		03.89- 12.98	110535	24 5.4
Various models							110523	24 4.8
						07.86-	113464	24 4.0
						01.71- 10.82	110213	24 6.6
						11.74- 05.79	110517	24 3.2
						03.77- 07.82	110518	24 4.0
						09.72- 12.79	110519	12 3.0
						11.74- 05.79	110521	24 4.0
<b>MARINE</b>								
8041 3.9	[8041SRM15.10]					01.90- 12.00	110813	12 2.7
8141 2.4	[8141SRM1300]					09.91- 12.01	110813	12 2.7
8210 13.9	[8210M22.10]	09.86- 12.00	112097	28 30		01.90-	110532	24 6.6
		12.88- 12.00	111419	28 55				
8281 17.0	[8281M32.10]	01.90-	111419	28 55		01.90-	110532	24 6.6
8282 17.0	[8282.02., 22..]	01.92-	111419	28 55		01.92-	110532	24 6.6
8361 8.0	[8361.25.540..]					01.92- 12.02	110522	12 3.0
8361 8.1	[8361M16.10]					01.90- 12.00	110522	12 3.0
8460 9.5	[5460.41.970]	10.89-	111419	28 55		10.89-	110582	24 5.4
Various models		06.83- 02.90	112097	28 30			113453	24 6.5
		05.89- 12.00	111419	28 55				
		03.90- 12.00	111686	14 65				
<b>INDUSTRY</b>								
Engine 6.7	[F4GE9684G]	01.06-	115608	14 120				
<b>MOTORS</b>								
8040 3.9	[8040.25.900]					06.87- 12.99	110813	12 2.7
8041 3.7	[8041.04..]					07.83- 12.84	110517	24 3.2
						07.83- 12.84	110813	12 2.7
8041 3.9	[8041.05..]					10.89- 12.89	110517	24 3.2
						06.86- 09.88	110521	24 4.0
						06.86- 09.88	110529	12 3.0
						06.87- 12.89	110813	12 2.7
8051 4.9	[8051.05..]					01.84-	110521	24 4.0
						01.84-	110529	12 3.0
8061 5.5	[8061.04..]					06.83- 09.86	110521	24 4.0
						06.83- 09.86	110529	12 3.0
8061 5.9	[8061..]	01.86-	111419	28 55		01.86- 12.00	110813	12 2.7
						01.86- 12.00	110529	12 3.0
8141 2.4	[8141..]	01.90- 08.93	110882	14 45		01.90-	110814	12 2.7
8210 13.0	[8210.22.170]	06.83- 12.89	112097	28 30		01.90-	110532	24 6.6
8210 13.8	[8210..]	03.85- 12.89	112097	28 30		03.85-	110532	24 6.6
8215 13.8	[8215.22.545]					01.87-	110347	24 7.5
8217 13.8	[8217.32.036]					01.91-	110532	24 6.6
8262 12.9	[8262.43.001]					01.90-	110347	24 7.5
8281 17.0	[8281.22., 42..]					03.90-	110532	24 6.6
8281 17.2	[8281.02., 22..]	06.83-	111419	28 55				
		06.83- 10.86	112097	28 30		06.83-	110532	24 6.6
8361 8.1	[8361.25..]	06.83-	111419	28 55				
		06.83-	111686	14 65		06.83- 12.85	110522	12 3.0
	[8361SI10.00]					01.90- 12.00	110522	12 3.0
8460 9.5	[8460SI..]					10.89-	110582	24 5.4
<b>Jacobsen</b>								
<b>AGRICULTURE</b>								
Lawn Mower	[VM Motori]						114055	12 2.3
<b>Jaguar</b>								
<b>PASSENGER CARS EU</b>								
S-type 2.5 V6	[JB]	04.02-	115789	14 120		04.02-	111303	12 0.8
		04.02-	115956*	14 120		04.02-	111459	12 1.2
S-type 2.7 Diesel L	[AJD]	06.04-	116056*	14 150				
S-type 3.0 V6	[AJ-V6]	01.99-	115789	14 120				
	[FB]	01.99-	115789	14 120				
XF 2.7 Diesel	[AJD]	03.08-	115720*	14 150				
XF 3.0 Diesel	[306DT]	03.09-	115720*	14 150				

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	[AJV6D]	03.09-	115720*	14	150				
XF Sportbrake 3.0 Diesel	[306DT]	09.12-	115720*	14	150				
	[AJV6D]	09.12-	115720*	14	150				
XJ 6 2.7 Diesel	[AJD]	10.05-	116056*	14	150				
XJ 6 2.9	[AJ6]					10.86- 08.90	113745	12	1.4
XJ 6 3.0	[AJ-V6]	05.03-	115956*	14	120				
XJ 6 3.2 24V	[9BPMNA]					09.90- 11.94	113745	12	1.4
XJ 6 3.6	[AJ6]					10.86- 08.89	113745	12	1.4
	[AJ6.4]					10.86- 08.89	113745	12	1.4
XJ 6 4.0	[9EPCNA]					09.89- 11.94	113745	12	1.4
XJ B 4.0	[BC]	07.97- 05.03	115748	14	120				
XJ R 4.0	[DC]	07.97- 05.03	115748	14	120				
XJ S 3.6	[AJ6]					10.86- 12.89	113745	12	1.4
XJ S 4.0	[9EPCNA]					05.91- 09.94	113745	12	1.4
XJ S 5.3	[V12]					01.87- 05.92	113171	12	2.0
XJ SC 3.6	[AJ6]					10.86- 12.88	113745	12	1.4
XJ SC 4.0	[9EPCNA]					05.91- 09.94	113745	12	1.4
XK 4.0	[EC]	05.98- 05.07	115748	14	120				
XK 8 4.0	[AJ27]	03.96-	115748	14	120				
	[CC]	03.96-	115748	14	120				
	[CE]	03.96-	115748	14	120				
	[EC]	02.98-	115748	14	120				
X-type 2.0 V6	[YB]	03.02- 10.05	115788	14	120	03.02- 10.05	111374	12	1.5
	[YB (AJ-V6)]	11.03-	115788	14	120	11.03-	111374	12	1.5
X-type 2.0 Diesel	[FMBA]	07.03- 10.05	113709	14	115	07.03- 10.05	112821	12	2.2
						07.03- 11.09	115870	12	2.1 A49
	[FMBB]	07.03- 10.05	113709	14	115	07.03- 10.05	112821	12	2.2
						07.03- 11.09	115870	12	2.1 A49
	[R4-X404]	07.03- 11.09	113709	14	115	07.03- 11.09	112821	12	2.2
						07.03- 11.09	115870	12	2.1 A49
X-type 2.2 Diesel	[LJ46G]	10.05-	113709	14	115	10.05-	112821	12	2.2
						10.05-	115870	12	2.1 A49
X-type 2.5 V6	[XB]	06.01-	115787	14	120	06.01-	111374	12	1.5
		06.01-	115788	14	120				
X-type 3.0 V6	[AJ-V6]	06.01-	115787	14	120	06.01-	111374	12	1.5
		06.01-	115788	14	120				
<b>PASSENGER CARS US</b>									
XJ 4.2		01.71- 01.71	110179	14	36				
XJ 12 5.3		01.73- 01.74	111204	14	70				
XJ 12 5.3 L		01.79- 01.79	111204	14	70				
XJ 12 6.0						01.93- 01.96	113171	12	2.0
XJ 6 4.2		01.72- 01.74	110179	14	36				
XJ 6 4.2 C		01.75- 01.77	110179	14	36				
XJ 6 4.2 L		01.75- 01.77	110179	14	36				
XJS 5.3		01.76- 01.81	111204	14	70				
XJS 6.0						01.94- 01.95	113171	12	2.0
X-type 2.5						01.02- 01.03	111374	12	1.5
X-type 3.0						01.02- 01.03	111374	12	1.5
<b>JCB</b>									
<b>AGRICULTURE</b>									
Excavators	[Isuzu 6BG1]						114483	24	4.5
Various models			114772	14	95		114264	12	4.2
			115780	28	40		114320	12	3.0
			115970	14	55		115391	12	4.0
<b>INDUSTRY</b>									
3	[BMC 384/4]					01.71- 01.80	111573	12	2.8
	[BMC 4/65]					01.71- 01.80	111573	12	2.8
8	[Perkins 6-354]					01.69- 01.74	110460	12	2.8
						01.85- 01.90	113654	12	3.0 MA
						01.85- 01.90	113655	12	3.0 MA
						01.69-	114387	12	3.2 IS
						01.69-	114388	12	3.2 IS
110	[Perkins 4-243]					01.70- 01.81	110460	12	2.8
407 Diesel		01.93-	114360	14	70				
411 Loader			115742	14	100				
420 Loader						01.82- 01.91	110615	12	2.8
430 Loader						01.83-	110615	12	2.8
530 Backhoe			115742	14	100				
580 Loader			115742	14	100				
2B						01.69- 01.70	111573	12	2.8
2CX Diesel Backhoe Loader		01.92-	114360	14	70				
		01.92-	114081	14	95				
2D	[BMC 384/4]					01.72- 01.80	111573	12	2.8
	[BMC 4/65]					01.71- 01.80	111573	12	2.8
3CX Diesel Backhoe Loader		01.85-	114360	14	70				
		01.85-	114081	14	95				
403 406 2008 L3			115970	14	55				
4CX Loader						01.91-	110615	12	2.8
4D	[BMC 384/4]					01.72- 01.80	111573	12	2.8
	[BMC 4/65]					01.71- 01.80	111573	12	2.8
5C						01.70- 01.71	110460	12	2.8
6C						01.70- 01.71	110460	12	2.8
7B						01.69- 01.71	110460	12	2.8
7C						01.69- 01.71	110460	12	2.8
Mini Digger						01.99-	110552	12	1.2
NA TC TCA, 4.4			115899	28	55				
Various models	[Isuzu 4HK1/ I4HK1T]						114659	24	5.0
	[Isuzu 6BG1]						114483	24	4.5
		01.87-	113763	14	85	01.85-	113181	12	2.3
		01.85-	115436	14	50		112534	12	2.0
						01.85-	115325	24	2.5
						01.85-	114264	12	4.2
							110615	12	2.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

Jeep										
PASSENGER CARS EU										
Cherokee 2.1 TD	[J8S]							01.88-	111114	12 3.1
Cherokee 2.4	[ED1]	09.01-	115935	14 130						
Cherokee 2.5 i	[EPE]	12.91- 01.98	111193	14 90			06.94- 11.96	112301	12 1.2	
						AT	11.96-	114238	12 1.4	
							12.91- 05.94	111490	12 1.4	
	[HX]	12.91-	111193	14 90			06.94- 11.96	112301	12 1.2	
							12.91- 05.94	111490	12 1.4	
Cherokee 2.5 TD	[EPE]	10.95-	114243	14 130			09.94- 08.96	112454	12 2.2	
		10.95-	114828	14 90						
Cherokee 2.5 CRD	[R425 (DOHC)]	09.01-	114377	14 110			09.01-	114279	12 2.2	
		09.01-	114405	14 110			09.01-	115573	12 2.2	
Cherokee 2.8 CRD	[ENR]	11.02-	114377	14 110			11.02-	114279	12 2.2	
	[ENS]	05.08-	115701	14 210						
Cherokee 3.7 V6	[EKG]	08.03-	113607	14 136						
Cherokee 4.0 i	[ERH]	01.87- 01.91	110986	14 100/105			01.88-	111349	12 1.2	
		01.91-	111193	14 90 ▲						
		02.99-	113358	14 117						
	[MX]	12.91-	111193	14 90			12.91-	111349	12 1.2	
CJ5 - CJ8 2.5		01.80- 12.87	110504	14 90						
		01.81- 01.86	110505	14 75						
		01.81- 01.82	110233	14 63						
	AC	01.83- 01.86	110508	14 78						
Commander 3.0 CRD	[EXL]	04.06-	114042	14 180 A49			04.06-	114878	12 2.2	
		04.06-	116113	14 180			04.06-	115420	12 1.7	
Compass 2.4	[ERZ]	09.06-	115925	14 115						
Grand Cherokee 2.5 TD	[M51]	10.95- 04.99	114828	14 90			10.95- 08.96	112454	12 2.2	
							08.96- 04.99	114233	12 2.2	
	[M52]	10.95- 04.99	114828	14 90			08.96- 04.99	114233	12 2.2	
							10.95- 08.96	112454	12 2.2	
Grand Cherokee 2.7 CRD 4x4	[ENF]	10.01-	114210	14 120			10.01-	114237	12 2.2	
Grand Cherokee 3.0 CRD V6 4x4	[EXF]						02.11-	116082	12 1.7	
Grand Cherokee 3.0 CRD	[EXL]						05.06-	114878	12 2.2	
Grand Cherokee 3.0 TD V6 4x4							04.14-	116082	12 1.7	
Grand Cherokee 3.0 V6 CRD	[EXF]						02.11-	116082	12 1.7	
Grand Cherokee 3.1	[EXA]	04.99-	114243	14 130			04.99-	114274	12 2.3	
Grand Cherokee 4.0	[ERH]						04.99-	111349	12 1.2	
							10.98- 09.04	111349	12 1.2	
Grand Cherokee 4.0 AWD	[ERH]	09.92- 04.99	111193	14 90			09.91-	111349	12 1.2	
Grand Cherokee 4.0 i	[MX]	09.91-	111193	14 90			09.91-	111349	12 1.2	
	[S01]	10.95- 01.98	111193	14 90			10.95-	111349	12 1.2	
Grand Cherokee 4.7 V8	[EVA]						08.00-	113618	12 1.6	
Grand Cherokee 5.2	[Y01]	10.95- 01.98	111193	14 90						
Grand Cherokee 5.2 AWD	[ELF]	01.98- 04.99	111193	14 90						
Grand Cherokee 5.2 i	[Y]	01.92- 01.99	111193	14 90						
Grand Wagoneer							01.81-	110231	12	
Patriot 2.0	[ECN]	01.11-	115925	14 115						
Patriot 2.0 TD	[ECD]	02.07-	113884	14 150			02.07-	114217	12 2.0	
	[ECE]	02.07-	113884	14 150			02.07-	114217	12 2.0	
Patriot 2.4	[ED3]	01.08-	115925	14 115						
Patriot 2.4 ECO+	[ED3]	07.08-	115925	14 115						
Renegade 1.6 CRD	[EJK]	07.14-	116094*	14 120			07.14-	115399	12 1.4	
Renegade 2.0 CRD 4x4	[EBT]	07.14-	116094*	14 120						
Various models							01.81- 01.83	110231	12	
							01.81-	110414	12	
						Eng. 232, 258	01.65- 01.77	110509	12 1.4	
						4.2	01.87-	111349	12 1.2	
								111490	12 1.4	
						01.86-	112541	12 2.2		
					Eng. 350	01.68- 01.70	112897	12 1.7		
Wrangler 2.4	[ED1]	11.02-	115935	14 130						
Wrangler 2.5	[4L]	01.86- 01.91	110508	14 78			01.88- 12.91	111490	12 1.4	
		01.91- 12.91	111193	14 90						
	[EPE]	12.91-	111193	14 90			06.94-	112301	12 1.2	
							12.91- 05.94	111490	12 1.4	
	[P00]	08.96- 01.98	111193	14 90			08.96-	112301	12 1.2	
						AT	08.96-	114238	12 1.4	
Wrangler 2.8 CRD	[ENS]	04.07-	115701	14 210						
Wrangler 4.0	[6L]	12.91-	111193	14 90			12.91-	111349	12 1.2	
	[ERH]						01.97- 12.02	111349	12 1.2	
	[S01]	08.96- 01.98	111193	14 90			08.96-	111349	12 1.2	
Wrangler 4.2	[6L<C2V>]	01.86- 01.89	110508	14 78						
PASSENGER CARS US										
Cherokee 2.1 Turbo							01.85- 01.87	111114	12 3.1	
							01.85- 01.87	112541	12 2.2	
Cherokee 2.1 Turbo Chief							01.86- 01.87	111114	12 3.1	
Cherokee 2.1 Turbo Laredo							01.86- 01.87	111114	12 3.1	
Cherokee 2.1 Turbo Pioneer							01.86- 01.87	111114	12 3.1	
Cherokee 2.5		01.99- 01.00	113358	14 117			01.86- 01.93	111490	12 1.4	
		01.91- 01.98	113063	14 90			01.98- 01.98	112301	12 1.2	
		01.88- 01.90	110724	14 60						
		01.84- 01.87	110505	14 75						
		01.84- 01.87	110471	14 94						
		01.84- 01.87	110233	14 63						
	01.83- 01.87	110508	14 78							
Cherokee 2.5 Chief		01.88-	110724	14 60			01.86- 01.87	111490	12 1.4	
		01.86- 01.87	110471	14 94						
		01.86- 01.87	110505	14 75						
		01.86- 01.87	110233	14 63						
		01.86- 01.87	110508	14 78						
Cherokee 2.5 Laredo		01.88- 01.89	110724	14 60			01.86- 01.89	111490	12 1.4	
		01.86- 01.87	110508	14 78						
		01.86- 01.87	110471	14 94						
		01.86- 01.87	110233	14 63						
	01.86- 01.87	110505	14 75							



Cherokee 2.5 Pioneer	01.88- 01.89	110724	14	60	01.86- 01.89	111490	12	1.4
	01.86- 01.87	110471	14	94				
	01.86- 01.87	110233	14	63				
	01.86- 01.87	110505	14	75				
	01.86- 01.87	110508	14	78				
Cherokee 2.5 SE	01.94- 01.97	113063	14	90	01.94- 01.97	111490	12	1.4
Cherokee 2.8	01.84- 01.86	110505	14	75	01.84- 01.86	111034	12	1.2
	01.84- 01.86	110508	14	78				
	01.84- 01.86	110471	14	94				
Cherokee 2.8 Chief	01.86- 01.86	110505	14	75	01.86- 01.86	111034	12	1.2
	01.86- 01.86	110508	14	78				
	01.86- 01.86	110471	14	94				
Cherokee 2.8 Laredo	01.86- 01.86	110505	14	75	01.86- 01.86	111034	12	1.2
	01.86- 01.86	110508	14	78				
	01.86- 01.86	110471	14	94				
Cherokee 2.8 Pioneer	01.86- 01.86	110505	14	75	01.86- 01.86	111034	12	1.2
	01.86- 01.86	110508	14	78				
	01.86- 01.86	110471	14	94				
Cherokee 4.0	01.00- 01.00	113358	14	117	01.87- 01.98	111349	12	1.2
	01.91- 12.98	113063	14	90				
	01.87- 01.90	110986	14	100/105				
Cherokee 4.0 Briarwood	01.91- 01.92	113063	14	90	01.91- 01.92	111349	12	1.2
Cherokee 4.0 Chief	01.87- 01.88	110986	14	100/105	01.87- 01.88	111349	12	1.2
Cherokee 4.0 Country	01.93- 01.97	113063	14	90	01.93- 01.97	111349	12	1.2
Cherokee 4.0 Laredo	01.91- 01.92	113063	14	90	01.87- 01.92	111349	12	1.2
	01.87- 01.90	110986	14	100/105				
Cherokee 4.0 Limited	01.91- 01.92	113063	14	90	01.87- 01.92	111349	12	1.2
	01.87- 01.90	110986	14	100/105				
Cherokee 4.0 Pioneer	01.87- 01.90	110986	14	100/105	01.87- 01.90	111349	12	1.2
Cherokee 4.0 SE	01.94- 01.97	113063	14	90	01.94- 01.97	111349	12	1.2
Cherokee 4.0 Sport	01.91- 01.97	113063	14	90	01.90- 01.97	111349	12	1.2
	01.90- 01.90	110986	14	100/105				
Cherokee 4.2	01.77- 01.83	110505	14	75	01.77- 01.80	110231	12	1.4
	01.81- 01.83	110235	14	80				
	01.80- 01.82	110502	14	100/105				
	01.74- 01.76	110408	14	35				
Cherokee 4.2 S	01.74- 01.76	110408	14	35	01.74- 01.76	110509	12	1.4
Cherokee 5.9	01.81- 01.83	110505	14	75	01.77- 01.80	110231	12	1.4
	01.81- 01.83	110235	14	80				
	01.77- 01.80	110237	14	60				
	01.74- 01.76	110408	14	35				
Cherokee 5.9 S	01.74- 01.76	110408	14	35	01.74- 01.76	110509	12	1.4
Cherokee 6.6	01.77- 01.78	110237	14	60	01.77- 01.78	110231	12	1.4
	01.74- 01.76	110408	14	35				
Cherokee 6.6 S	01.74- 01.76	110408	14	35	01.74- 01.76	110509	12	1.4
CJ3 3.7	01.66- 01.66	110075	14	60				
CJ5 2.2	01.68- 01.71	110075	14	60				
CJ5 2.5	01.80- 01.83	110505	14	75	01.80- 01.83	110414	12	
CJ5 3.7	01.66- 01.71	110075	14	60				
CJ5 3.8	01.77- 01.78	110505	14	75	01.77- 01.78	110231	12	1.4
	01.72- 01.76	110408	14	35				
CJ5 4.2	01.81- 01.83	110235	14	80	01.77- 01.80	110231	12	1.4
	01.80- 01.82	110502	14	100/105				
	01.77- 01.83	110505	14	75				
	01.72- 01.76	110408	14	35				
CJ5 5.0	01.81- 01.81	110505	14	75	01.77- 01.80	110231	12	1.4
	01.77- 01.80	110237	14	60				
	01.72- 01.76	110408	14	35				
CJ6 2.2	01.68- 01.71	110075	14	60				
CJ6 3.7	01.66- 01.71	110075	14	60				
CJ6 3.8	01.72- 01.75	110408	14	35	01.72- 01.75	110509	12	1.4
CJ6 4.2	01.72- 01.75	110408	14	35	01.72- 01.75	110509	12	1.4
CJ6 5.0	01.72- 01.75	110408	14	35	01.72- 01.75	110509	12	1.4
CJ7 2.5	01.80- 01.86	110505	14	75	01.80- 01.83	110414	12	
	01.83- 01.86	110471	14	94				
	01.83- 01.86	110508	14	78				
CJ7 3.8	01.76- 01.78	110505	14	75	01.76- 01.78	110509	12	1.4
CJ7 4.2	01.76- 01.86	110505	14	75	01.79- 01.80	110231	12	1.4
	01.81- 01.86	110235	14	80				
	01.80- 01.82	110502	14	100/105				
CJ7 5.0	01.78- 01.81	110505	14	75	01.78- 01.81	110231	12	1.4
	01.76- 01.77	110237	14	60				
Comanche 2.1 Turbo					01.87- 01.87	111114	12	3.1
Comanche 2.1 Turbo Custom					01.86- 01.86	111114	12	3.1
Comanche 2.1 Turbo Laredo					01.87- 01.87	111114	12	3.1
Comanche 2.1 Turbo Pioneer					01.87- 01.87	111114	12	3.1
Comanche 2.1 Turbo X					01.86- 01.86	111114	12	3.1
Comanche 2.1 Turbo XLS					01.86- 01.86	111114	12	3.1
Comanche 2.5	01.91- 12.97	113063	14	90	01.87- 01.92	111490	12	1.4
	01.87- 01.90	110724	14	60				
Comanche 2.5 Chief	01.87- 01.88	110724	14	60	01.87- 01.88	111490	12	1.4
Comanche 2.5 Custom	01.86- 01.86	110471	14	94	01.86- 01.86	111490	12	1.4
	01.86- 01.86	110233	14	63				
	01.83- 01.86	110508	14	78				
	01.86- 01.86	110505	14	75				
Comanche 2.5 Laredo	01.87- 01.88	110724	14	60	01.87- 01.88	111490	12	1.4
Comanche 2.5 Pioneer	01.91- 01.91	113063	14	90	01.87- 01.91	111490	12	1.4
	01.87- 01.90	110724	14	60				
Comanche 2.5 X	01.86- 01.86	110508	14	78	01.86- 01.86	111490	12	1.4
	01.86- 01.86	110471	14	94				
	01.86- 01.86	110233	14	63				
	01.86- 01.86	110505	14	75				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**JEEP** Continued

Comanche 2.5 XLS	01.86- 01.86	110471	14	94					
	01.86- 01.86	110508	14	78			01.86- 01.86	111490	12 1.4
	01.86- 01.86	110233	14	63					
	01.86- 01.86	110505	14	75					
Comanche 2.8 Custom	01.86- 01.86	110471	14	94			01.86- 01.86	111034	12 1.2
	01.86- 01.86	110508	14	78					
Comanche 2.8 X	01.86- 01.86	110471	14	94			01.86- 01.86	111034	12 1.2
	01.86- 01.86	110508	14	78					
Comanche 2.8 XLS	01.86- 01.86	110471	14	94			01.86- 01.86	111034	12 1.2
	01.86- 01.86	110508	14	78					
Comanche 4.0	01.91- 01.92	113063	14	90			01.87- 01.92	111349	12 1.2
	01.87- 01.90	110986	14	100/105					
Comanche 4.0 Chief	01.87- 01.88	110986	14	100/105			01.87- 01.88	111349	12 1.2
Comanche 4.0 Eliminator	01.91- 01.92	113063	14	90			01.88- 01.92	111349	12 1.2
	01.88- 01.90	110986	14	100/105					
Comanche 4.0 Laredo	01.87- 01.88	110986	14	100/105			01.87- 01.88	111349	12 1.2
Comanche 4.0 Pioneer	01.91- 01.92	113063	14	90			01.87- 01.92	111349	12 1.2
	01.87- 01.90	110986	14	100/105					
Commando 3.7	01.66- 01.67	110075	14	60					
Dispatcher 3.7	01.66- 01.67	110075	14	60					
DJ5 2.2	01.68- 01.71	110075	14	60					
DJ5 3.7	01.66- 01.70	110075	14	60					
DJ5 3.8	01.72- 01.74	110408	14	35			01.72- 01.74	110509	12 1.4
DJ5 4.2	01.73- 01.74	110408	14	35			01.73- 01.74	110509	12 1.4
DJ6 3.7	01.66- 01.68	110075	14	60					
FC150 3.7	01.66- 01.66	110075	14	60					
FC170 3.7	01.66- 01.66	110075	14	60					
Grand Cherokee 4.0	01.93- 01.93	113063	14	90			01.93- 01.93	111349	12 1.2
Grand Cherokee 4.0 Laredo	01.93- 01.98	113063	14	90			01.93- 01.98	111349	12 1.2
Grand Cherokee 4.0 Limited	01.93- 01.98	113063	14	90			01.93- 01.98	111349	12 1.2
Grand Cherokee 4.0 Orvis	01.95- 01.97	113063	14	90			01.95- 01.97	111349	12 1.2
Grand Cherokee 4.0 SE	01.94- 01.95	113063	14	90			01.94- 01.95	111349	12 1.2
Grand Cherokee 4.7	01.02-	113607	14	136					
Grand Cherokee 4.7 Laredo	01.01- 01.03	113607	14	136			01.00- 01.00	113618	12 1.6
	01.00- 01.00	113559	14	136					
Grand Cherokee 4.7 Limited	01.01- 01.03	113607	14	136			01.00- 01.00	113618	12 1.6
	01.00- 01.00	113559	14	136					
Grand Cherokee 4.7 Overland	01.02- 01.03	113607	14	136					
Grand Cherokee 4.7 Special Edition	01.04-	113607	14	136					
Grand Cherokee 5.2	01.98- 01.98	113071	14	136			01.93- 01.98	113044	12 1.4
Grand Cherokee 5.2 Laredo	01.98- 01.98	113071	14	136			01.93- 01.98	113044	12 1.4
Grand Cherokee 5.2 Limited	01.98- 01.98	113071	14	136			01.93- 01.98	113044	12 1.4
Grand Cherokee 5.2 Orvis	01.95- 12.97	113071	14	136			01.95- 01.97	113044	12 1.4
Grand Cherokee 5.2 SE							01.94- 01.95	113044	12 1.4
Grand Cherokee 5.9 Limited	01.98- 12.98	113071	14	136			01.98- 01.98	113044	12 1.4
Grand Wagoneer 4.2	01.84- 01.86	110233	14	63					
	01.84- 12.89	110471	14	94					
	01.84- 12.90	110508	14	78					
	01.84- 01.86	110505	14	75					
Grand Wagoneer 5.9	01.84- 01.91	110471	14	94			01.89- 01.91	111349	12 1.2
	01.84- 01.91	110508	14	78					
	01.84- 01.91	110235	14	80					
J10 4.2	01.82- 01.87	110235	14	80			01.77- 01.81	110231	12
	01.77- 01.87	110505	14	75			01.74- 01.76	110509	12 1.4
	01.74- 01.76	110408	14	35					
J10 5.9	01.82- 01.88	110505	14	75			01.88- 01.88	111349	12 1.2
	01.82- 01.88	110235	14	80			01.77- 01.81	110231	12
	01.88- 01.88	110508	14	78			01.74- 01.76	110509	12 1.4
	01.88- 01.88	110471	14	94					
	01.77- 01.81	110237	14	60					
J10 6.6	01.74- 01.76	110408	14	35			01.77- 01.78	110231	12
	01.74- 01.76	110408	14	35			01.74- 01.76	110509	12 1.4
J-100 3.8							01.68- 01.71	110509	12 1.4
J20 4.2	01.74- 01.76	110408	14	35			01.74- 01.76	110509	12 1.4
J20 5.9	01.82- 01.88	110505	14	75			01.88- 01.88	111349	12 1.2
	01.82- 01.88	110235	14	80			01.77- 01.81	110231	12
	01.88- 01.88	110508	14	78			01.74- 01.76	110509	12 1.4
	01.88- 01.88	110471	14	94					
	01.77- 01.81	110237	14	60					
J20 6.6	01.74- 01.76	110408	14	35			01.77- 01.78	110231	12
	01.74- 01.76	110408	14	35			01.74- 01.76	110509	12 1.4
J-2500 3.8							01.68- 01.71	110509	12 1.4
J-2500 4.2	01.72- 01.73	110408	14	35			01.72- 01.73	110509	12 1.4
J-2500 5.0	01.72- 01.72	110408	14	35			01.72- 01.72	110509	12 1.4
J-2500 5.9	01.72- 01.73	110408	14	35			01.72- 01.73	110509	12 1.4
J-2600 3.8							01.68- 01.70	110509	12 1.4
J-2600 4.2	01.72- 01.73	110408	14	35			01.72- 01.73	110509	12 1.4
J-2600 5.0	01.72- 01.72	110408	14	35			01.72- 01.72	110509	12 1.4
J-2600 5.9	01.72- 01.73	110408	14	35			01.72- 01.73	110509	12 1.4
J-2700 3.8							01.68- 01.69	110509	12 1.4
J-3500 3.8							01.68- 01.70	110509	12 1.4
J-3600 3.8							01.68- 01.70	110509	12 1.4
J-3700 3.8							01.68- 01.70	110509	12 1.4
J-3800 3.8							01.68- 01.68	110509	12 1.4
Jeepster 2.2	01.67- 01.69	110075	14	60					
Jeepster 2.2 Commando	01.68- 01.71	110075	14	60					
Jeepster 3.7	01.66- 01.69	110075	14	60					
Jeepster 3.7 Commando	01.68- 01.71	110075	14	60					
Jeepster 3.8 Commando	01.72- 01.73	110408	14	35			01.72- 01.73	110509	12 1.4
Jeepster 4.2 Commando	01.72- 01.73	110408	14	35			01.72- 01.73	110509	12 1.4
Jeepster 5.0 Commando	01.72- 01.73	110408	14	35			01.72- 01.73	110509	12 1.4
Liberty 2.4	01.02- 01.02	113607	14	136			01.02- 01.03	113642	12 1.6
							01.04- 01.04	113820	12 1.2

## STARTERS & ALTERNATORS



Liberty 2.4 Sport					01.04- 01.05	113820	12	1.2
					01.03-	113642	12	1.6
Liberty 2.8 CRD 4x4	[ENR]				08.05- 12.07	114279	12	2.2
Liberty 3.7 Limited		01.02- 01.03	113607	14	136			
Liberty 3.7 Renegade		01.03- 01.03	113607	14	136			
Liberty 3.7 Sport		01.02- 01.03	113607	14	136			
Scrambler 2.5		01.83- 01.85	110508	14	78	01.81- 01.83	110414	12
		01.81- 01.85	110505	14	75			
		01.83- 01.85	110471	14	94			
Scrambler 4.2		01.81- 01.82	110502	14	100/105			
		01.81- 01.85	110505	14	75			
		01.81- 01.85	110235	14	80			
Universal 3.7		01.66- 01.67	110075	14	60			
Wagoneer 2.1 Turbo					01.85- 01.85	111114	12	3.1
Wagoneer 2.5		01.91- 12.97	113063	14	90	01.86- 01.93	111490	12
		01.83- 01.90	110508	14	78			
		01.84- 01.90	110471	14	94			
		01.84- 01.87	110505	14	75			
		01.84- 01.87	110233	14	63			
Wagoneer 2.5 Islander		01.91- 01.91	113063	14	90	01.89- 01.91	111490	12
		01.89- 01.90	110508	14	78			
		01.89- 01.90	110471	14	94			
Wagoneer 2.5 Laredo		01.87- 01.88	110508	14	78	01.87- 01.88	111490	12
		01.87- 01.88	110471	14	94			
Wagoneer 2.5 Limited		01.86- 01.87	110471	14	94	01.86- 01.87	111490	12
		01.86- 01.87	110508	14	78			
		01.86- 01.87	110233	14	63			
		01.86- 01.87	110505	14	75			
Wagoneer 2.5 Rio Grande		01.95- 01.95	113063	14	90	01.95- 01.95	112301	12
Wagoneer 2.5 S		01.91- 01.94	113063	14	90	01.88- 01.94	111490	12
		01.88- 01.88	110471	14	94			
		01.88- 01.88	110508	14	78			
Wagoneer 2.5 Sahara		01.91- 01.91	113063	14	90	01.88- 01.91	111490	12
		01.88- 01.90	110471	14	94			
		01.88- 01.90	110508	14	78			
Wagoneer 2.5 SE		01.94- 01.97	113063	14	90	01.94- 01.97	112301	12
						01.94- 01.97	111490	12
Wagoneer 2.5 Sport		01.87- 01.88	110508	14	78	01.87- 01.88	111490	12
		01.87- 01.88	110471	14	94			
Wagoneer 2.8		01.84- 01.86	110505	14	75			
		01.84- 01.86	110508	14	78			
		01.84- 01.86	110471	14	94			
Wagoneer 2.8 Limited		01.86- 01.86	110508	14	78			
		01.86- 01.86	110471	14	94			
		01.86- 01.86	110505	14	75			
Wagoneer 4.0		01.91- 01.93	113063	14	90	01.87- 01.93	111349	12
		01.87- 01.90	110986	14	100/105			
Wagoneer 4.0 Islander		01.91- 01.92	113063	14	90	01.91- 01.92	111349	12
Wagoneer 4.0 Limited		01.87- 01.90	110986	14	100/105	01.87- 01.90	111349	12
Wagoneer 4.0 Renegade		01.91- 01.94	113063	14	90	01.91- 01.94	111349	12
Wagoneer 4.0 S		01.92- 01.92	113063	14	90	01.92- 01.92	111349	12
Wagoneer 4.0 Sahara		01.91- 01.97	113063	14	90	01.91- 01.97	111349	12
Wagoneer 4.0 SE		01.94- 01.95	113063	14	90	01.94- 01.95	111349	12
Wagoneer 4.0 Sport		01.97- 01.97	113063	14	90	01.97- 01.97	111349	12
Wagoneer 4.2		01.87- 01.90	110508	14	78	01.88- 01.90	111349	12
		01.87- 01.90	110471	14	94	01.80- 01.80	110231	12
		01.87- 01.90	110233	14	63	01.72- 01.73	110509	12
		01.80- 01.90	110505	14	75			
		01.81- 01.83	110235	14	80			
		01.80- 01.82	110502	14	100/105			
		01.72- 01.73	110408	14	35			
Wagoneer 4.2 Custom		01.73- 01.73	110408	14	35	01.73- 01.73	110509	12
Wagoneer 4.2 Islander		01.88- 01.90	110471	14	94	01.88- 01.90	111349	12
		01.88- 01.90	110508	14	78			
		01.88- 01.90	110233	14	63			
		01.88- 01.90	110505	14	75			
Wagoneer 4.2 Laredo		01.87- 01.90	110233	14	63	01.88- 01.90	111349	12
		01.87- 01.90	110508	14	78			
		01.87- 01.90	110471	14	94			
		01.87- 01.90	110505	14	75			
Wagoneer 4.2 S		01.88- 01.88	110508	14	78	01.88- 01.88	111349	12
		01.88- 01.88	110471	14	94			
		01.88- 01.88	110233	14	63			
		01.88- 01.88	110505	14	75			
Wagoneer 4.2 Sahara		01.88- 01.90	110233	14	63	01.88- 01.90	111349	12
		01.88- 01.90	110508	14	78			
		01.88- 01.90	110471	14	94			
		01.88- 01.90	110505	14	75			
Wagoneer 4.2 Sport		01.87- 01.88	110233	14	63			
		01.87- 01.88	110508	14	78			
		01.87- 01.88	110471	14	94			
		01.87- 01.88	110505	14	75			
Wagoneer 5.9		01.81- 01.83	110505	14	75	01.77- 01.80	110231	12
		01.81- 01.83	110235	14	80	01.72- 01.76	110509	12
		01.77- 01.80	110237	14	60			
		01.72- 01.76	110408	14	35			
Wagoneer 5.9 Custom		01.73- 01.76	110408	14	35	01.73- 01.76	110509	12
Wagoneer 6.6		01.77- 01.78	110237	14	60	01.77- 01.78	110231	12
		01.74- 01.76	110408	14	35	01.74- 01.76	110509	12
Wagoneer 6.6 Custom		01.74- 01.76	110408	14	35	01.74- 01.76	110509	12
Wrangler 2.4 SE					01.04- 01.06	113820	12	1.2
					01.03- 01.03	113642	12	1.6
Wrangler 2.5		01.99- 01.00	113358	14	117	01.98- 01.98	112301	12
		01.98- 01.98	113063	14	90			
Wrangler 4.0		01.98- 01.98	113063	14	90	01.98- 01.98	111349	12

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**JEEP Continued**

Wrangler 4.2	01.89- 01.89	110471	14	94	01.89- 01.89	111349	12	1.2
	01.89- 01.89	110505	14	75				
	01.89- 01.89	110508	14	78				
	01.89- 01.89	110233	14	63				
Wrangler 4.2 Islander	01.89- 01.89	110233	14	63	01.89- 01.89	111349	12	1.2
	01.89- 01.89	110471	14	94				
	01.89- 01.89	110508	14	78				
	01.89- 01.89	110505	14	75				
Wrangler 4.2 Laredo	01.89- 01.89	110233	14	63	01.89- 01.89	111349	12	1.2
	01.89- 01.89	110471	14	94				
	01.89- 01.89	110508	14	78				
	01.89- 01.89	110505	14	75				
Wrangler 4.2 Sahara	01.89- 01.89	110508	14	78	01.89- 01.89	111349	12	1.2
	01.89- 01.89	110471	14	94				
	01.89- 01.89	110233	14	63				
	01.89- 01.89	110505	14	75				

**PASSENGER CARS AO**

Cherokee 2.4 Laredo	[ED1]	10.01- 09.04	115935	14	130			
Cherokee 2.5 TDi 4x4		10.96- 09.01	114243	14	130			
		10.96- 09.01	114828	14	90			
Cherokee 2.8 CRDi 4WD	[ENS]	01.10-	115701	14	210			
Cherokee 3.7 Laredo	[EKG]	10.01- 09.04	113607	14	136			
Cherokee 4.0		10.86- 09.90	110986	14	100/105			
Compass 2.4	[ERZ]	08.06-	115925	14	115			
Patriot 2.4	[ED3]	06.09-	115925	14	115			
Wrangler 2.8 CRDi		11.06-	115701	14	210			

**Jenbacher Werke**

**MISCELLANEOUS**

Various models						08.83-	112039	12	2.7
						01.92-	112555	12	3.1
							115443	24	6.5 A49

**Jensen**

**PASSENGER CARS US**

Healy 2.0		01.72-	110178	14	36				
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**John Deere**

**AGRICULTURE**

316	[Onan]					01.84- 01.92	113015	12	
318	[Onan]					01.84- 01.92	113015	12	
420	[Onan]					01.83- 01.91	113015	12	
482 Cotton Pickers						01.80- 01.83	111221	12	2.5
484 Cotton Pickers						01.80- 01.83	111221	12	2.5
985 7.6						03.87- 03.02	111224	12	4.0
1032 4.0		10.83- 06.89	110105	14	55	10.92- 10.98	111755	12	3.0
1042 4.0		10.83- 06.89	110105	14	55	10.92- 10.98	111755	12	3.0
1052 4.0		10.83- 06.89	110105	14	55	10.92- 10.98	111755	12	3.0
1055 5.9		10.83- 06.89	110105	14	55	10.92- 10.98	111755	12	3.0
1065 5.9		03.94-	111215	14	120				
		03.94-	113531	14	120				
		03.94-	113632	14	85				
1068 5.9		03.94-	113531	14	120	01.92- 10.96	111755	12	3.0
		03.94-	111215	14	120				
		03.94-	113632	14	85				
1072 5.9		03.94-	113531	14	120				
		03.94-	111215	14	120				
		03.94-	113632	14	85				
1075 5.9		03.94-	113531	14	120	10.81- 12.96	111755	12	3.0
		03.94-	111215	14	120				
		03.94-	113632	14	85				
1085 7.6		03.94-	113531	14	120	02.82- 02.97	111755	12	3.0
		03.94-	111215	14	120				
		03.94-	113632	14	85				
1445 Diesel Mower	[Yanmar]						114400	12	1.0
1545 Diesel Mower	[Yanmar]						114400	12	1.0
2254						01.85- 01.92	111755	12	3.0
2256						01.85- 01.92	111755	12	3.0
2264						01.85- 01.92	111755	12	3.0
2266						01.85- 01.92	111755	12	3.0
2305	[Yanmar]						116016	12	1.2
2320	[Yanmar]						116016	12	1.2
2450						01.85- 01.92	111755	12	3.0
2630						01.74- 01.75	111221	12	2.5
2640						01.76- 01.82	111221	12	2.5
2650						01.85- 01.92	111755	12	3.0
2850						01.85- 01.92	111755	12	3.0
3120			113742	14	40				
3320			113742	14	40				
3520			113742	14	40				
3650						01.85- 01.92	111755	12	3.0
4045 4.5 A400			115849	28	55				
4055 7.6	[6076 TRW-06]	01.89- 06.92	111215	14	120				
4120	[4024T]						113900	12	2.2
4200			113742	14	40				
4210			113742	14	40				
4255 7.6	[6076 TRW..]	01.89- 06.92	111215	14	120				
4300			113742	14	40				
4310			113742	14	40				
4320	[4024T]						113900	12	2.2
4400			113742	14	40				
4410			113742	14	40				
4450 7.6		05.83- 12.88	110445	14	90	05.83- 12.88	111224	12	4.0
4455	[6076 TRW..]	01.89- 06.92	110445	14	90	01.89- 06.92	111224	12	4.0
4500			113742	14	40				
4510			113742	14	40				
4520	[4024T]						113900	12	2.2
4600			113742	14	40				
4610			113742	14	40				

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.



4700			113742	14	40				
4710			113742	14	40				
4720	[4024T]							113900	12 2.2
4755 7.6	[6076 TRW..]	01.89- 05.94	111215	14	120				
4955 7.6	[6076 A]	09.89- 01.92	111215	14	120				
5210								113478	12 2.8
5225								113900	12 2.2
5310								113478	12 2.8
5325								113900	12 2.2
5410								113478	12 2.8
6020		01.94-	112529	14	90				
6100 4.5			113632	14	85				
6110 4.5		01.97-	112062	14	115				
6120 4.5		01.94-	113949	14	150				
		01.94-	112529	14	90				
6200 3.9			113632	14	85				
6205						01.94-	116130*	12	A49
						01.94-	115609	12 3.0	GR
						01.94-	112442	12 3.0	DD
6220 3.9		01.94-	113949	14	150				
		01.94-	112529	14	90				
6230 4.5			114681	14	90				
6320 3.9		01.94-	113949	14	150	01.94-	113478	12	2.8
		01.94-	112529	14	90				
			112062	14	115				
6330 4.5			114681	14	90				
		01.94-	113949	14	150				
		01.94-	112529	14	90				
			112062	14	115				
6430 4.5			114681	14	90				
6505						01.94-	115609	12 3.0	GR
						01.94-	112442	12 3.0	DD
6506							115609	12 3.0	GR
							112442	12 3.0	DD
6510						01.94-	115609	12 3.0	GR
						01.94-	112442	12 3.0	DD
6520		01.94-	113949	14	150	01.94-	115609	12 3.0	GR
		01.94-	112529	14	90	01.94-	112442	12 3.0	DD
6610						01.94-	115609	12 3.0	GR
						01.94-	112442	12 3.0	DD
6620		01.94-	113949	14	150	01.94-	115609	12 3.0	GR
		01.94-	112529	14	90	01.94-	112442	12 3.0	DD
			112062	14	115				
6810 10.0						08.91-	115609	12 3.0	GR
						08.91-	112442	12 3.0	DD
6820		01.94-	113949	14	150	01.94-	115609	12 3.0	GR
		01.94-	112529	14	90	01.94-	112442	12 3.0	DD
6910		01.97-	112062	14	115	01.94-	115609	12 3.0	GR
						01.94-	112442	12 3.0	DD
6920		01.94-	113949	14	150				
		01.94-	112529	14	90	01.94-	115609	12 3.0	GR
			112062	14	115	01.94-	112442	12 3.0	DD
7130			114681	14	90			114275	12 4.0
7230			114681	14	90			114275	12 4.0
7430		09.06-	113707	14	200				
7530		09.06-	113707	14	200				
7710		01.96-	111830	14	140				
7800 7.6		09.92- 01.96	111830	14	140				
7810		01.96-	111830	14	140				
8120 7.6	[6076 HRW35]	01.01-	113899	14	150				
		08.94-	111830	14	140				
8120 8.1	[6081 HRW06]	03.96-	111830	14	140				
8220 7.6	[6076 HRW35]	01.01-	113899	14	150				
		08.94-	111830	14	140				
8320		01.01-	113899	14	150				
8420		01.01-	113899	14	150				
8520		01.01-	113899	14	150				
9630			114211	14	200				
9910 Cotton Pickers						01.79- 01.83	111221	12	2.5
9920 Cotton Pickers						01.83- 01.83	111221	12	2.5
100F 3.0 Diesel Orchard	[VM Motori]						114055	12	2.3
1023E	[3TNM72]						116016	12	1.2
1025R	[3TNV76]						116016	12	1.2
1026R	[3TNV76]						116016	12	1.2
2025R	[3TNV76]						116016	12	1.2
5320 5320N 5400 5400N,RE46043			115462	14	60				
6100D							115314	12	2.5
6125D							115314	12	2.5
6140D							115314	12	2.5
6420 S 4.5		01.94-	113949	14	150				
		01.94-	112529	14	90				
			112062	14	115				
7290R 772D,772G,770D 9.0		01.14-	115845	28	100				
7310R 770D 770G 772D 772G 9.0		05.11-	115845	28	100				
76F 2.7 Diesel Orchard	[VM Motori]						114055	12	2.3
85F 2.7 Diesel Orchard	[VM Motori]						114055	12	2.3
GT225	[Kohler]						112546	12	0.6
L105	[Briggs & Stratton]						113853	12	
LX173	[Kohler]					01.96- 01.96	112546	12	0.6
LX255	[Kohler]						112546	12	0.6
STX30	[Kohler]					01.89- 01.93	112546	12	0.6
STX38	[Kohler]					01.89- 01.93	112546	12	0.6

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.

Various models		01.99- 01.03	113543	14 55		115817	12
		01.92- 01.98	113531	14 120		115802	24 3.2
			115812	14 130		114222	24 7.5
			115780	28 40		115821	24 8.0
			115463	14 20		114712	24 7.5
			114735	14 150		112246	12 0.6
		01.99- 01.03	113542	14 55		111254	24 4.5
		01.88- 01.95	112996	14 115		114459	12 4.8
		01.98-	112160	28 75			
			114263	14 50	01.89- 01.96	113017	12
		01.81- 01.97	113632	14 85		114277	24 7.5
			111215	14 120		114195	12 3.0
		01.88- 01.95	111713	14 105		114197	12 1.1
		01.94- 01.98	113401	14 40		113853	12
			114518	14 55	09.67- 10.86	111755	12 3.0
			113975	14 150		110412	12 2.2
			114379	14 150		113663	12 0.7
		01.98-	111647#	28 60		113597	12 0.6
		09.79- 10.86	110105	14 55		113596	12 0.6
		03.71- 03.88	111649	14 33		113539	12
			114211	14 200		113983	12 3.0
						110510	12 0.5
						111087	12 1.0
						110552	12 1.2
Various models Tractor			114864	28 100		114823	12 0.6
Various models	[Kawasaki]		115435	14 50		115721	12 4.2
			115320	14 45		114678	12
						114674	12 0.6
						114401	12 1.2
						114486	12
X300	[Kawasaki]					114888	12
X300R	[Kawasaki]					114888	12
X304	[Kawasaki]					114888	12
X495	[Yanmar 24HP]					116016	12 1.2
X595	[Yanmar 24HP]					116016	12 1.2
X740	[Yanmar 24HP]					116016	12 1.2
X744	[Yanmar 24HP]					116016	12 1.2
X748	[Yanmar 24HP]					116016	12 1.2
X749	[Yanmar 24HP]					116016	12 1.2
X750	[Yanmar 24HP]					116016	12 1.2
X754	[Yanmar 24HP]					116016	12 1.2
X758	[Yanmar 24HP]					116016	12 1.2
X950R	[Yanmar 24HP]					116016	12 1.2
<b>MARINE</b>							
Various models						115625	12 2.5
	[4039DFM]		111575	14 90			
			113531	14 120			
	[4045DFM50]		111843	14 95		114222	24 7.5
			111888	14 65			
			113531	14 120			
			114864	28 100			
			116023	28 50			
	[4045DFM70]		111843	14 95		114222	24 7.5
			111888	14 65			
			112170	28 45			
			113531	14 120			
			114864	28 100			
			116023	28 50			
	[4045TFM50]					114222	24 7.5
	[4045TFM75]					114222	24 7.5
	[6068AFM75]		114864	28 100		114222	24 7.5
	[6068DFM]		115605	14 120		114222	24 7.5
			116023	28 50			
	[6068FM50]		114864	28 100		114222	24 7.5
			116023	28 50			
	[6068SFM50]					114222	24 7.5
	[6068TFM50]					114222	24 7.5
	[6068TFM75]					114222	24 7.5
	[6081AFM01]					114222	24 7.5
	[6081AFM75]					114222	24 7.5
	[6125AFM01]				01.04-	115821	24 8.0
	[6125AFM75]				01.04-	115821	24 8.0
	[6125SFM75]				01.04-	115821	24 8.0
			113531	14 120			
			111575	14 90			
<b>INDUSTRY</b>							
317 Skid Steer Loaders	[4024T]					113900	12 2.2
320 Skid Steer Loaders	[4024T]					113900	12 2.2
325 Skid Steer Loaders	[5030T]					113900	12 2.2
328 Skid Steer Loaders	[5030T]					113900	12 2.2
332 Skid Steer Loaders	[5030T]					113900	12 2.2
540			113999	14 150 IS			
			112773	14 135			
		01.93-	112996	14 115			
544			113999	14 150 IS			
			112773	14 135			
		01.88- 01.95	112996	14 115			
548			112773	14 135			
		01.93-	112996	14 115			
			113999	14 150 IS			
640			112773	14 135			
		01.93-	112996	14 115			
			113999	14 150 IS			
648			112773	14 135			
		01.93-	112996	14 115			
			113999	14 150 IS			



740		01.93-	112773 112996 113999	14 135 14 115 14 150 IS		
748		01.93-	112773 112996 113999	14 135 14 115 14 150 IS		
135C	[Isuzu]				111254	24 4.5
225C	[6BG1T]				114267	24 4.5
244J Loaders	[4024T]				113900	12 2.2
304J Loaders	[4024T]				113900	12 2.2
350C Crawlers					01.75- 01.81	111221 12 2.5
450C Crawlers					01.74- 01.81	111221 12 2.5
75D	[4LE2X]				115802	24 3.2
770G			115845	28 100		
853G 8.3	[6CTA]	01.98-	111647#	28 60		
		01.98-	112160	28 75		
85D	[4LE2X]				115802	24 3.2
F 910 Mowers	[Onan]				01.84- 01.90	113015 12
Various models		12.97-	114679 111649	14 35 14 33	10.66- 02.92	114195 12 3.0 111755 12 3.0 114222 24 7.5 115821 24 8.0 114260 12 1.4 114712 24 7.5 113983 12 3.0
<b>MOTORS</b>						
3029			115321	14 60		
4039					115314	12 2.5
4045					115314	12 2.5
6329D					111221	12 2.5
Various models			115605	14 120		115625 12 2.5
<b>MISCELLANEOUS</b>						
Gator TX					115817	12
<b>Johnson</b>						
<b>MARINE</b>						
20CR					01.97-	112156 12
					01.97-	111043 12 0.6
20E					01.85- 01.95	111043 12 0.6
20EL					01.85- 01.95	111043 12 0.6
25E					01.81- 01.00	111043 12 0.6
25EL					01.81- 01.97	111043 12 0.6
25TE					01.80- 01.00	111043 12 0.6
25TEL					01.80- 01.00	111043 12 0.6
28ESL					01.87- 01.96	111043 12 0.6
30E					01.84- 01.00	111043 12 0.6
30EL					01.84- 01.00	111043 12 0.6
30TE					01.85- 01.97	111043 12 0.6
30TEL					01.85- 01.97	111043 12 0.6
35E					01.80- 01.84	111043 12 0.6
35EL					01.80- 01.84	111043 12 0.6
35TEL					01.83- 01.84	111043 12 0.6
40E EL					01.89- 01.97	110647 12 0.6
40TE TEL					01.89- 01.98	110647 12 0.6
40TL					01.89- 01.98	110647 12 0.6
40TPL					01.99- 01.00	110647 12 0.6
40TTL					01.89- 01.98	110647 12 0.6
48ESL					01.87- 01.96	110647 12 0.6
50BE BEL					01.89- 01.95	110647 12 0.6
50DTL					01.95- 01.98	110647 12 0.6
50EL					01.95- 01.00	110647 12 0.6
50ESL					01.97- 01.98	110647 12 0.6
50PL					01.99- 01.00	110647 12 0.6
50TEL					01.89- 01.95	110647 12 0.6
50TL					01.89- 01.95	110647 12 0.6
50TSL					01.98- 01.98	110647 12 0.6
50TTL					01.95- 01.98	110647 12 0.6
Various models					01.86- 01.00	112145 12 0.5
					01.70- 01.88	110647 12 0.6
					01.73-	110644 12 0.6
					01.69- 01.97	110240 12 0.6
						112244 12
						110645 12 0.9
					01.91-	112157 12
<b>Kaelble</b>						
<b>MISCELLANEOUS</b>						
Various models					01.69- 12.70	110409 12 3.0
<b>Kamaz</b>						
<b>TRUCKS EU</b>						
4326 10.9	[740.31]				114702	24 4.0
6540 10.9	[740.13]				114702	24 4.0
	[740.30]				114702	24 4.0
43114 10.9	[740.13]				114702	24 4.0
	[740.31]				114702	24 4.0
43118 10.9	[740.13]				114702	24 4.0
43255 10.9	[740.31]				114702	24 4.0
43261 10.9	[740.11]				114702	24 4.0
	[740.31]				114702	24 4.0
44108 10.9	[740.13]				114702	24 4.0
	[740.30]				114702	24 4.0
45141 10.9	[740.13]				114702	24 4.0
	[740.30]				114702	24 4.0
53205 10.9	[740.11]				114702	24 4.0
	[740.31]				114702	24 4.0
53215 10.9	[740.11]				114702	24 4.0
	[740.31]				114702	24 4.0
53228 10.9	[740.31]				114702	24 4.0

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





Application list

**KAMAZ** Continued

53229 10.9	[740.31]					114702	24	4.0
53605 10.9	[740.30]					114702	24	4.0
	[740.31]					114702	24	4.0
54115 10.9	[740.11]					114702	24	4.0
	[740.31]					114702	24	4.0
55111 10.9	[740.11]					114702	24	4.0
	[740.31]					114702	24	4.0
65111 10.9	[740.13]					114702	24	4.0
65115 10.9	[740.13]					114702	24	4.0
	[740.30]					114702	24	4.0
65116 10.9	[740.30]					114702	24	4.0
65117 10.9	[740.13]					114702	24	4.0
	[740.30]					114702	24	4.0

**Kawasaki**

**MOTOR BIKES**

Various models						112010	12	
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**MARINE**

Various models					01.76- 01.95	111840	12	0.6
						113663	12	0.7
						112010	12	
						113597	12	0.6
						113593	12	
						113596	12	0.6

**INDUSTRY**

Various models 0.6						114486	12	
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**MOTORS**

FH381V						114888	12	
FH430V						114888	12	
FH480V						114888	12	

**MISCELLANEOUS**

KAF950 Mule						115755	12	1.2
Mule 600 610						115817	12	

**Kenworth**

**TRUCKS US**

C500		01.00- 01.07	113579	14	145		01.84- 01.85	112089	12
		01.91- 01.94	112996	14	115				
		01.95- 01.03	112824	14	145				
		01.91- 01.93	112995	14	145				
		01.91- 12.93	113432	14	145				
K100		01.91- 12.94	112996	14	115				
T2000		01.01- 01.07	113579	14	145				
		01.97- 01.03	112824	14	145				
T300		12.95	112996	14	115				
		01.96- 01.03	112824	14	145				
		01.03- 01.07	113579	14	145				
T400		01.91- 12.94	112996	14	115				
T450		01.91- 12.94	112996	14	115				
T600		01.96- 01.05	112824	14	145				
		01.91- 01.93	112995	14	145				
		01.91- 01.94	112996	14	115				
		01.91- 12.93	113432	14	145				
		01.01- 01.07	113579	14	145				
T800		01.91- 12.94	112996	14	115				
Various models 8.3	[Cummins]		115792	14	130				
W900		01.96- 01.04	112824	14	145		01.84- 01.85	112089	12
		01.91- 01.93	112995	14	145				
		01.91- 01.94	112996	14	115				
		01.91- 12.93	113432	14	145				
		01.00- 01.07	113579	14	145				

**KHD**

**TRUCKS EU**

Various models			114365	28	140		07.73-	112651	24	4.8
		01.71- 12.74	110766	28	27		06.71-	112534	12	2.0
							01.63- 12.75	112039	12	2.7
							01.64-	110531	24	6.6
							10.98-	110536	12	2.7
							01.73- 12.75	113464	24	4.0
								114676	12	2.2

**AGRICULTURE**

DX250 9.6								114437	24	5.4
Engine 2.3 TCD2008 TCD 2009			115436	14	50					
			115849	28	55					
Various models			115309	28	35			115355	24	5.4
			115971	14	55			114676	12	2.2

**MARINE**

	[BF4M2012]		115381	28	80					
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**INDUSTRY**

2008 L3 L4 2009 L3			115971	14	55					
Various models			114110	28	80			110523	24	4.8
			115436	14	50			114320	12	3.0
			114289	14	45			114676	12	2.2
		01.89-	112183	14	60					
			114365	28	140					

**MOTORS**

Engine 0.4	[F1L208]							113981	12	1.5
Engine 0.6 Diesel	[F1L410]						01.67- 06.73	111004	12	2.4
Engine 0.9	[F2L208]							113981	12	1.5
Engine 1.3 Diesel	[F2L410]						01.67- 06.73	111004	12	2.4
Engine 1.4 Diesel	[F2L1011]						01.95-	111855	12	2.2
							06.89- 12.94	112041	12	2.2
							06.89-	113980	24	4.0
	[F2L411]						07.73- 12.75	111004	12	2.4
Engine 2.0 Diesel	[F3L1011]	06.89-	112183	14	60		06.89-	113980	24	4.0
							01.95-	111855	12	2.2
							06.89- 12.94	112041	12	2.2



Engine 2.7 Diesel	[BF4L1011]				01.95-	111855	12	2.2		
					06.89- 12.94	112041	12	2.2		
					06.89-	113980	24	4.0		
		[F4L1011]	06.89-	112183	14	60	113980	24	4.0	
			06.89-	112548	14	60	01.95-	111855	12	2.2
					06.89- 12.94	112041	12	2.2		
Engine 2.8 Diesel	[F3L912..]				01.92-	112555	12	3.1		
Engine 3.8 Diesel	[F4L912]				07.89-	110536	12	2.7		
					01.92-	112555	12	3.1		
Engine 4.7 Diesel	[F5L912,F]	10.89-	113470	28	35					
Engine 5.7 Diesel	[F6L912]	05.90-	113470	28	35	06.92-	113464	24	4.0	
						12.91-	112555	12	3.1	
Engine 6.1 Diesel	[F6L913]	01.87-	113470	28	35	06.92-	113464	24	4.0	
Engine 8.0 Diesel	[F5L413FR]	08.89-	113470	28	35	04.82- 01.99	112651	24	4.8	
Engine 9.6 Diesel	[BF6L513..]	10.87-	112747	28	55	01.73-	112651	24	4.8	
	[F6L413]	12.88-	113470	28	35	04.82-	114437	24	5.4	
						04.82- 01.99	112651	24	4.8	
					04.82-	114438	24	5.4		
Engine	[BF4M2012C]		114464	28	55					
			114471	28	80					
	[BF6M2012C]		114464	28	55					
	[FL1011F]		113991	14	80					
			114077	28	40					
			114786	14	80					
	[BF4M2011]		114783	14	95					
	[BF4M2012]		114786	14	80					
<b>MISCELLANEOUS</b>										
Various models	[F6L413]						113181	12	2.3	
							114437	24	5.4	
<b>Kia</b>										
<b>PASSENGER CARS EU</b>										
Besta 2.2 Diesel	[R2]	02.96-	110706	14	60	02.96-	110389	12	2.0	
Carens 1.6	[G4FD]					A25 03.13-	116026	12	1.4	
						07.02-	110808	12	0.85	
						07.02-	114885	12	0.9	
	[GA6D]									
Carens 1.6 CVVT	[G4FC]	08.09-	114467	14	90	08.09-	114443	12	0.9	
Carens 1.6 CRDi 110	[D4FB]	10.10-	114495	14	120	10.10-	113797	12	1.7	
Carens 1.8	[TB]					11.00- 07.02	110808	12	0.85	
Carens 2.0	[G4GC]	08.04-	113657	14	90					
Carens 2.0 CWT	[G4KA]	09.06-	114827	14	120	09.06-	115569	12	1.2	
						09.06-	115758	12	1.2	
Carens 2.0 CRDi	[D4EA]	07.02-	113328	14	120	07.02-	113329	12	2.0	
		09.06-	115409	14	120					
Carens 2.0 CRDi 115	[D4EA]	05.07-	115409	14	120	05.07-	113329	12	2.0	
Carnival 2.2 CRDi	[D4HB]	01.10-	115632	14	150	01.10-	115626	12	2.0	
		01.10-	115747*	14	150					
Carnival 2.5 V6	[K5]	10.01-	116096*	14	110					
	[KRV6]	08.99- 10.01	116096*	14	110					
Carnival 2.9 CRDi	[J3]	06.06-	114662	14	120	10.01-	113327	12	2.2	
		AC 10.01-	113331	14	110					
Carnival 2.9 HPDi		AC 10.01-	113331	14	110	10.01-	113327	12	2.2	
Carnival 2.9 TD	[J3]	02.02-	113331	14	110	08.99-	113327	12	2.2	
		02.99-	112334	14	75					
Carnival 3.5	[G6CU]					07.02-	113020	12	1.2	
Cee'd 1.4 CVVT	[G4FA]					A25 09.12- 10.12	114887*	12	1.4	
						11.12-	116026	12	1.4	
						09.12-	114443	12	0.9	
Cee'd 1.4 CRDi	[D4FC]					09.12-	113797	12	1.7	
						09.12-	115729	12	1.6	
Cee'd 1.6 GDi	[G4FD]					A25 09.12- 10.12	114887*	12	1.4	
						09.12-	114443	12	0.9	
						05.12-	113797	12	1.7	
					05.12-	115729	12	1.6		
Cee'd 1.4	[G4FA]	12.06-	114467	14	90	12.06-	114443	12	0.9	
		12.06-	115715	14	90	A25 12.06-	114887*	12	1.4	
		A25 12.06-	115692	14	110					
Cee'd 1.4 CVVT	[G4FA]					A25 05.12- 07.12	114887*	12	1.4	
						08.12-	116026	12	1.4	
						05.12-	114443	12	0.9	
						06.10-	114443	12	0.9	
						A25 06.10-	114887*	12	1.4	
	[G4FA-L]	06.10-	114467	14	90					
		A25 06.10-	115692	14	110					
		A25 06.10-	115715	14	90					
Cee'd 1.4 CRDi 90	[D4FC]					05.12-	113797	12	1.7	
						05.12-	115729	12	1.6	
Cee'd 1.6	[G4FC]	12.06-	114467	14	90	12.06-	114443	12	0.9	
		09.07-	115715	14	90	A25 12.06-	114887*	12	1.4	
		A25 09.07-	115692	14	110					
		A25 09.07-	115715	14	90					
Cee'd 1.6 CVVT	[G4FC]	10.10-	114467	14	90	10.10-	114443	12	0.9	
		A25 10.10-	115692	14	110	A25 10.10-	114887*	12	1.4	
		A25 10.10-	115715	14	90					
Cee'd 1.6 GDi	[G4FD]					A25 05.12- 07.12	114887*	12	1.4	
						08.12-	116026	12	1.4	
						05.12-	114443	12	0.9	
						12.06-	113797	12	1.7	
Cee'd 1.6 CRDi	[D4FB]	12.06-	114495	14	120	12.06-	115729	12	1.6	
						12.06-	113797	12	1.7	
						12.06-	115729	12	1.6	
	[D4FB-L]	12.06-	114495	14	120	12.06-	113797	12	1.7	
						12.06-	115729	12	1.6	
Cee'd 1.6 CRDi 115	[D4FB]	05.12-	114495	14	120	05.12-	113797	12	1.7	
						05.12-	115729	12	1.6	
Cee'd 1.6 CRDi 128	[D4FB]	10.10-	115587	14	120	10.10-	113797	12	1.7	
						10.10-	115729	12	1.6	
Cee'd 1.6 CRDi 90	[D4FB-L]	05.12-	114495	14	120	05.12-	113797	12	1.7	
						05.12-	115729	12	1.6	
Cee'd 2.0	[G4GC]	12.06-	114857	14	90	12.06-	114820	12	1.2	
Cee'd 2.0 CRDi	[D4EA-F]	09.07-	115409	14	120	09.07-	114778	12	2.0	

## STARTERS & ALTERNATORS

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**KIA Continued**

Cerato 1.5 CRDi	[D4FA]	07.05-	114495	14 120	07.05-	113797	12 1.7
Cerato 1.6	[G4ED]	04.04-	113657	14 90	04.04-	113659	12 0.9
Cerato 1.6 CRDi	[D4FB]				06.05-	113797	12 1.7
Cerato 2.0	[G4GC]	04.04-	113657	14 90	04.04-	111307	12 1.2
Cerato 2.0 MPI					06.13-	115569	12 1.2
					06.13-	115758	12 1.2
Cerato 2.0 CRDi	[D4EA]	04.04-	113328	14 120	04.04-	113329	12 2.0
Clarus 1.8 i 16V	[T8]				AT 07.96-	110810	12 1.4
					07.96-	110808	12 0.85
Clarus 2.0 i 16V	[FE]	05.98-	111317	14 80	07.96-	110808	12 0.85
					AT 07.96-	110810	12 1.4
Joice 2.0	[G4CP]	08.99- 09.01	110804	14 90	02.00-	110315	12 0.9
					A13 02.00-	110811	12 1.2
					08.99- 03.03	111305	12 1.2
					02.00-	113659	12 0.9
K2500 2.5 TCI	[D4BH]	01.03-	113330	14 75	A13 09.01-	111565	12 2.2
K2700 2.7 Diesel	[J2]	10.99-	114766	14 60	10.99-	114762	12 2.2
Magentis 2.0	[G4JP]	12.00- 05.03	112327	14 100	05.01-	113521	12 1.2
	[G4KA]	11.05-	114827	14 120	11.05-	115569	12 1.2
					11.05-	115758	12 1.2
	[G4KD]				07.09-	115569	12 1.2
					07.09-	115758	12 1.2
Magentis 2.0 CRDi	[D4EA]	11.05- 12.08	115409	14 120	11.05- 12.08	113329	12 2.0
Magentis 2.5 V6	[G6BV]	05.01-	114522	14 95			
Magentis 2.7	[G6EA]				11.05-	115977	12 1.2
Optima 2.4		03.12-	115603*	14 110	03.12-	115758	12 1.2
Picanto 1.0	[G3LA]				04.15-	114821	12 0.9
	[G4HE]	09.05-	113791	14 70	02.04-	112322	12 0.8
		09.05-	115654	14 70			
Picanto 1.0 Bi-Fuel	[B3LA]				05.11-	114821	12 0.9
Picanto 1.1	[G4HG]	04.04-	113791	14 70	04.04-	112322	12 0.8
		04.04-	115654	14 70			
Picanto 1.1 CRDi	[D3FA]	11.05-	113863	14 90	11.05-	113797	12 1.7
Picanto 1.2	[G4LA]				09.11-	114821	12 0.9
Pregio 2.5 TCI	[D4BH]	09.02-	113330	14 75	08.01- 08.02	111476	12 2.0
					08.01- 08.02	111565	12 2.2
Pregio 2.7 Diesel	[J2]				10.97-	114762	12 2.2
Pride 1.1 i	[B1]				01.91-	110807	12 0.85
Pride 1.3	[B3]	08.99-	112297	14 60			
Pride 1.3 GLXi	[B3]				01.90-	110807	12 0.85
Pride 1.3 16V	[B3]				10.96-	110807	12 0.85
Pride 1.3 16V GLXi	[B3]				01.90-	110807	12 0.85
Pride 1.3 i	[B3]				AT 01.90-	114885	12 0.9
					01.90-	110807	12 0.85
Pro 1.4 CVVT	[G4FA]				A25 03.13-	116026	12 1.4
Pro 1.4 CRDi	[D4FC]				03.13-	115729	12 1.6
Pro 1.6 GDI	[G4FD]				A25 03.13-	116026	12 1.4
Pro 1.6 CRDi	[D4FB]				03.13-	113797	12 1.7
					03.13-	115729	12 1.6
Pro Cee'd 1.4	[G4FA]	02.08-	114467	14 90	02.08-	114443	12 0.9
		02.08-	115715	14 90	A25 02.08-	114887*	12 1.4
		A25 02.08-	115692	14 110			
Pro Cee'd 1.4 CVVT	[G4FA-L]	06.10-	114467	14 90	06.10-	114443	12 0.9
		A25 06.10-	115692	14 110			
		A25 06.10-	115715	14 90			
Pro Cee'd 1.6	[G4FC]	02.08-	114467	14 90	02.08-	114443	12 0.9
		02.08-	115715	14 90	A25 02.08-	114887*	12 1.4
Pro Cee'd 1.6 CVVT	[G4FC]	10.10-	114467	14 90	10.10-	114443	12 0.9
		A25 10.10-	115692	14 110	A25 10.10-	114887*	12 1.4
		A25 10.10-	115715	14 90			
Pro Cee'd 1.6 CRDi	[D4FB]	02.08-	114495	14 120	02.08-	113797	12 1.7
					02.08-	115729	12 1.6
	[D4FB-L]	02.08-	114495	14 120	02.08-	113797	12 1.7
					02.08-	115729	12 1.6
Pro Cee'd 1.6 CRDi 128	[D4FB]	10.10-	115587	14 120	10.10-	113797	12 1.7
					10.10-	115729	12 1.6
Pro Cee'd 2.0	[G4GC]	02.08-	114857	14 90	02.08-	114820	12 1.2
Pro Cee'd 2.0 BiFuel LPG	[G4GC]	01.09- 12.09	114857	14 90	01.09- 12.09	114820	12 1.2
Pro Cee'd 2.0 CRDi	[D4EA-F]				02.08-	114778	12 2.0
Retona 2.0 16V	[FE-DI]	01.97- 12.02	111787	14 70	05.00-	110808	12 0.85
Retona 2.0 TD	[RF]	06.99-	112506	14 60	06.99-	110389	12 2.0
		06.99-	113903	14 60			
Rio 1.1 CRDi	[D3FA]				09.11-	115729	12 1.6
Rio 1.2 CVVT	[G4LA]				10.11-	114760	12 0.8
Rio 1.2 LPG	[G4LA]				09.11-	114760	12 0.8
Rio 1.3	[A3E]	08.02- 02.05	113656	14 80	08.00- 05.05	110808	12 0.85
					08.02- 02.05	114885	12 0.9
Rio 1.4 16V	[G4EE]	03.05-	113657	14 90	03.05-	113659	12 0.9
Rio 1.4 CVVT	[G4FA]	09.11-	115715	14 90	09.11-	114443	12 0.9
					A25 09.11- 06.12	114887*	12 1.4
					06.12-	116026	12 1.4
Rio 1.4 CRDi	[D4FC]				09.11-	113797	12 1.7
					09.11-	115729	12 1.6
Rio 1.5	[A5D]				08.00- 05.05	110808	12 0.85
					09.02- 02.05	114885	12 0.9
Rio 1.5 CRDi	[D4FA]	03.05-	111237	14 70	03.05-	113797	12 1.7
		03.05-	113656	14 80			
		03.05-	114495	14 120			
Rio 1.6	[G4FC]				06.12-	114443	12 0.9
Rio 1.6 16V	[G4ED]	03.05-	113657	14 90	03.05-	113659	12 0.9
		03.05-	115715	14 90			
Roadster 1.8	[T8D]	08.99-	111807	14 70			
Sephia 1.5 i 16V	[B5]	02.96-	111237	14 70	02.96-	110808	12 0.85
		02.96- 10.97	111807	14 70			
Sephia 1.6	[B6]	09.93-	111237	14 70	09.93-	110808	12 0.85
		09.93-	111807	14 70			



Sephia 1.6 i	[B6]	01.95- 01.95-	111237 111807	14 70 14 70		01.95-	110808	12 0.85	
Sephia 1.8 i 16V	[OK24N] [OK26Y]	01.98- 12.00 01.95- 10.97	111237 111237	14 70 14 70		01.95- 01.95- 10.97	110810 110810	12 1.4 12 1.4	
Shuma 1.5	[B6]	03.96- 01.97	111237	14 70					
Shuma 1.5 i 16V	[B5D]	10.97-	111237	14 70		10.97- 10.01	110808	12 0.85	
Shuma 1.6	[GA6D]					01.01- 08.04 01.01- 08.04	110808 114885	12 0.85 12 0.9	
Shuma 1.8	[T8]	01.01- 08.04	111237	14 70		AT 01.01- 08.04	110810	12 1.4	
Shuma 1.8 i 16V	[T8]	10.97-	111237	14 70		10.97-	110808	12 0.85	
Sorento 2.0 CRDi	[D4HA]	11.10-	115747*	14 150		11.10-	115626	12 2.0	
Sorento 2.0 CRDi 4x4	[D4HA]	11.10-	115747*	14 150		11.10-	115626	12 2.0	
Sorento 2.2 CRDi	[D4HB]	11.09- 11.09-	115632 115747*	14 150 14 150		11.09-	115626	12 2.0	
Sorento 2.2 CRDi 4WD	[D4HB]	11.09- 11.09-	115632 115747*	14 150 14 150		11.09-	115626	12 2.0	
Sorento 2.3 16V	[G4KE]					11.09-	115758	12 1.2	
Sorento 2.3 16V 4x4	[G4KE]					11.09-	115758	12 1.2	
Sorento 2.4	[G4JS]					03.03-	113521	12 1.2	
Sorento 2.4 CVVT	[G4KJ]					10.12-	115758	12 1.2	
Sorento 2.4 CVVT 4WD	[G4KJ]					10.12-	115758	12 1.2	
Sorento 2.4 GDI	[G4KJ]					10.12-	115758	12 1.2	
Sorento 2.4 GDI 4x4	[G4KJ]					01.15-	115758	12 1.2	
Sorento 2.5 CRDi	[D4CB]	08.02- 05.06-	113792 114287	14 110 14 110		08.02-	113937	12 2.2	
Sorento 3.3 V6	[G6DB]	12.06-	115737	14 130					
Sorento 3.5 V6	[G6CU]					08.02-	11241	12 1.2	
Soul 1.6	[G4FC]	02.09-	114467	14 90		02.09-	114443	12 0.9	
Soul 1.6 CVVT	[G4FC]	02.09-	114467	14 90		02.09-	114443	12 0.9	
Soul 1.6 GDI	[G4FD]					A25 06.11- 06.12 07.12- 06.11-	114887* 116026 114443	12 1.4 12 1.4 12 0.9	
Soul 1.6 CRDi	[D4FB]	02.09-	114495	14 120		02.09- 02.09-	115729 113797	12 1.6 12 1.7	
Sportage 1.6 GDI	[G4FD]	02.11-	115692	14 110		02.11- A25 08.12- A25 02.11- 07.12	114443 116026 114887*	12 0.9 12 1.4 12 1.4	
Sportage 1.6 GDI GDI	[G4FD]					09.15-	116026	12 1.4	
Sportage 1.7 CRDi	[D4FD-L]					12.10-	115446	12 1.7	
Sportage 2.0	[FE] [G4KD]	10.00- 07.10-	111787 115603*	14 70 14 110		10.00- 07.10-	110808 115758	12 0.85 12 1.2	
Sportage 2.0 4WD	[FE]	10.00-	111787	14 70					
Sportage 2.0 AWD	[G4KD]	07.10-	115603*	14 110		07.10-	115758	12 1.2	
Sportage 2.0 16V	[G4GC]	09.04-	113657	14 90		AT 09.04- 09.04-	113521 114820	12 1.2 12 1.2	
Sportage 2.0 16V 4WD	[G4GC]	09.04-	113657	14 90		AT 09.04- 09.04-	113521 114820	12 1.2 12 1.2	
Sportage 2.0 i 16V	[FE]	11.98-	111787	14 70					
Sportage 2.0 i 16V 4WD	[FE]	04.94-	111787	14 70		04.94-	110808	12 0.85	
Sportage 2.0 i 4WD	[FE]		111787	14 70		04.94-	110808	12 0.85	
Sportage 2.0 CRDi	[D4EA]	01.06-	113328	14 120		08.08- 01.06-	114778 113329	12 2.0 12 2.0	
	[D4EA-V]	01.06-	113328	14 120		01.06-	113329	12 2.0	
	[D4HA]	07.10- 07.10-	115632 115747*	14 150 14 150		07.10-	115626	12 2.0	
Sportage 2.0 CRDi 4WD	[D4EA]	09.04-	113328	14 120		09.08- 09.04-	114778 113329	12 2.0 12 2.0	
	[D4EA-F]	01.06-	113328	14 120		01.06-	113329	12 2.0	
	[D4EA-V]	01.06-	113328	14 120		01.06-	113329	12 2.0	
Sportage 2.0 CRDi AWD	[D4EA]	01.06- 07.10- 07.10-	113328 115632 115747*	14 120 14 150 14 150		01.06- 07.10-	113329 115626	12 2.0 12 2.0	
Sportage 2.0 TD 4WD	[RF]	10.97- 08.03	113903	14 60		10.97-	110389	12 2.0	
Sportage 2.7 V6 4WD	[G6BA]	09.04- 09.04-	113652 115855	14 110 14 120		09.04-	113020	12 1.2	
Venga 1.4 16V	[G4FA-L]	02.10- 02.10-	114467 115715	14 90 14 90		02.10- 07.12 A25 02.10- 07.12 A25 08.12- 08.12- 06.13	114443 114887* 116026 114892	12 0.9 12 1.4 12 1.4 12 0.9	
Venga 1.4 CRDi	[D4FC]	02.10-	114495	14 120		02.10- 02.10-	113797 115729	12 1.7 12 1.6	
Venga 1.4 CRDi 75	[D4FC]	02.10-	114495	14 120		02.10- 02.10-	113797 115729	12 1.7 12 1.6	
Venga 1.6 16V	[G4FC]	02.10- 02.10-	114467 115715	14 90 14 90		02.10- 07.12 A25 02.10- 07.12 A25 08.12- 08.12- 06.13	114443 114887* 116026 114892	12 0.9 12 1.4 12 1.4 12 0.9	
Venga 1.6 CRDi	[D4FB]	02.10-	114495	14 120		02.10- 02.10-	113797 115729	12 1.7 12 1.6	
<b>PASSENGER CARS US</b>									
Magentis 2.4		01.01-	112327	14 100		01.01- 12.03	113638	12 1.4	
Optima 2.4		01.01- 01.03	112327	14 100		01.01- 01.03	113638	12 1.4	
						01.01- 01.03	113521	12 1.2	
Optima 2.5						01.01- 01.01	113020	12 1.2	
Optima 2.7						01.02- 01.02	113020	12 1.2	
Rio 1.5		01.01- 01.02	113656	14 80					
Rio 1.5 CINCO		01.02- 01.02	113656	14 80					
Rio 1.5 RX-V		01.01-	113656	14 80					
Rio 1.6		01.03-	113656	14 80					
Rio 1.6 Cinco		01.03-	113656	14 80					
Rio 1.6 RX-V		01.03-	113656	14 80					
Sedona 3.5						01.02- 01.03	113020	12 1.2	
Sephia 1.6 GS		01.95- 01.97	111237	14 70		01.93- 01.97	110808	12 0.85	
Sephia 1.6 LS		01.95- 01.97	111237	14 70		01.93- 01.97	110808	12 0.85	
Sephia 1.6 RS		01.95- 01.97	111237	14 70		01.93- 01.97	110808	12 0.85	

## STARTERS & ALTERNATORS

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## KIA Continued

Sephia 1.8	[5BP]	01.99- 01.01	111237	14	70	01.99- 01.01	110810	12	1.4
						01.99- 01.01	110808	12	0.85
		01.98- 01.98	111237	14	70	01.98- 01.98	110808	12	0.85
						01.98- 01.98	110810	12	1.4
Sephia 1.8 GS						01.95- 01.97	110810	12	1.4
						01.95- 01.97	110808	12	0.85
Sephia 1.8 LS		01.98- 01.98	111237	14	70	01.95- 01.98	110808	12	0.85
						01.95- 01.98	110810	12	1.4
Sephia 1.8 RS		01.97- 01.97	111384	14	70	01.96- 01.97	110810	12	1.4
						01.96- 01.97	110808	12	0.85
Spectra 1.8	[5BP]	01.00- 01.03	111237	14	70	01.00- 01.03	110808	12	0.85
						01.00- 01.03	110810	12	1.4
Spectra 2.0 EX		01.05-	113657	14	90				
Spectra 2.0 LX		01.05-	113657	14	90				
Sportage 2.0	[3FE]	01.99- 01.02	111787	14	70	01.99- 01.02	110808	12	0.85
						01.99- 01.02	110810	12	1.4
		01.95- 01.98	111787	14	70	01.95- 01.98	110808	12	0.85
		01.05-	113657	14	90	01.98- 01.98	110810	12	1.4
Sportage 2.0 4-Door		01.95- 01.97	111787	14	70	01.96- 01.97	110810	12	1.4
						01.95- 01.97	110808	12	0.85
<b>PASSENGER CARS AO</b>									
Borrego 3.8 4WD		06.08-	115737	14	130				
Cerato 1.6	[G4FC]	05.06-	114467	14	90				
		05.06-	114467	14	90				
Cerato 2.0	[G4KD]	01.09-	114827	14	120	01.09-	115569	12	1.2
						01.09-	115758	12	1.2
Rio 1.2 CVVT	[G4LA]					06.11-	114760	12	0.8
Rio 1.4 CVVT	[G4FA]	09.11-	115715	14	90				
Sorento 2.2 CRDi	[D4HB]	11.09-	115632	14	150	11.09-	115626	12	2.0
		11.09-	115747*	14	150				
Sorento 3.8 4x4		09.06-	115737	14	130				
Sportage 2.0 CRDi	[D4HA]	08.10-	115632	14	150	08.10-	115626	12	2.0
		08.10-	115747*	14	150				
Sportage 2.0 CRDi AWD	[D4HA]	08.10-	115632	14	150	08.10-	115626	12	2.0
		08.10-	115747*	14	150				
Sportage 2.2 Diesel 4WD		08.94- 08.02	112506	14	60	08.94- 04.99	110389	12	2.0
<b>Kobelco</b>									
<b>INDUSTRY</b>									
SK60 Excavator	[4JB1]		114456	28	30		114185	24	3.2
SK70 Excavator	[4JB1]		114456	28	30		114185	24	3.2
<b>Kohler</b>									
<b>MOTORS</b>									
Engine							115388	12	
							110949	12	0.6
							111012	12	0.5
							113526	12	0.5
							112150	12	
Engine							113526	12	0.5
							112831	12	0.6
							112150	12	
							112546	12	0.6
<b>Komatsu</b>									
<b>FORK LIFTS</b>									
605	[H20]						110155	12	1.0
4DE94E	[4TNE94]		114209	14	60				
DT11						01.89-	110256	12	0.8
FD20	[4D95]						110568	12	2.2
							113206	12	2.5
FD25	[4D95]						110568	12	2.2
FD28-10	[4D95]						110568	12	2.2
FG10-10	[D11PU]						110156	12	0.8
FG10-12	[Toyota 4P]		110137	14	30		110154	12	0.8
FG15-12	[Toyota 4P]		110137	14	30		110154	12	0.8
FG18-12	[Toyota 4P]		110137	14	30		110154	12	0.8
FG20-6	[Nissan H20PU]		110128	14	35		110256	12	0.8
							110155	12	1.0
FG20-7	[Nissan H20PU]		110128	14	35		110256	12	0.8
							110155	12	1.0
FG20-8	[Nissan H20PU]		110128	14	35		110256	12	0.8
							110155	12	1.0
PC300HD	[SA6D114E-1]		112160	28	75				
Various models	[Nippondenso equipped]		110562	28	25				
			110564	14	40				
			110657	28	40				
			114097	14	60				
			114113	28	60				
		01.88-	110657	28	40	01.88-	113203	24	4.5
		01.88-	110562	28	25	01.84- 01.97	110555	24	7.5
		01.80-	111051	28	25		112676	12	2.2 HI
		09.95-	112170	28	45	01.88- 01.01	112178	12	1.6
		01.88-	116055*	28	60	01.88-	111097	24	5.5
01.88-	114097	14	60	01.89-	112668	12	2.5		
					111189	12	0.8		
					110256	12	0.8		
WA180	[S6D102E-1]		111647#	28	60				
			112160	28	75				
<b>MARINE</b>									
SA6D170A Diesel	[SA6D170A]						114165	24	7.5
<b>INDUSTRY</b>									
Crawlers	[SA6D125]						114164	24	7.5
D175A	[6D170]						114166	24	7.5
D175A-1	[S6D170]						114166	24	7.5
D31	[4D105]					01.88- 01.95	110656	24	5.5
						01.88- 01.95	110656	24	5.5
D375A	[6D170]						114166	24	7.5
D375A-1	[S6D170]						114166	24	7.5



D41	[4D105]				01.88- 01.95	110656	24	5.5	
	[6D95]				01.88- 01.95	110656	24	5.5	
D475 Crawler Dozer	[SA12V140]	115534	28	90					
HD465	[SA6D170A]					114166	24	7.5	
HD465TWIN	[SA6D170A]					114166	24	7.5	
HD785-5 Dump Truck	[SA12V140]	115534	28	90					
PC1000-1	[SA6D140]					114166	24	7.5	
	[SA6D170B]					114166	24	7.5	
PC1500	[S6D170]					114166	24	7.5	
PC220 Diesel		114113	28	60					
PC220LC Diesel		114113	28	60					114693 24 5.5
PC310	[6D105]				01.91- 01.95	11020	24	7.5	
PC400	[6D125]				01.86- 01.94	11020	24	7.5	
PC410	[6D125]				01.91- 01.95	11020	24	7.5	
PC60	[4D95]				01.88- 01.94	11212	24	2.8	
PC60EN-7 3.0	[4D95LE-2]					115954	24	3.0	
PC650	[6D650]				01.88- 01.94	11020	24	7.5	
SA6D170A Diesel	[SA6D170A]					114165	24	7.5	
Various models	[6D125]				01.86- 01.94	11020	24	7.5	
Various models	[4D95L]	114403	14	120					
	[6D105]				01.86- 01.87	110555	24	7.5	
					01.88- 01.95	110656	24	5.5	
					01.86-	114693	24	5.5	
	[6D125]				01.76- 01.97	110555	24	7.5	
	[6D140]					110555	24	7.5	
	[6D170]				01.86-	114166	24	7.5	
		115533	28	75					114747 12 2.2
		115445	28	60					
WA 380 Wheel Loader						114396	24	7.5	
WA120 4B Wheel loader					01.97- 01.06	114340	24	4.5	
WA120 6B Wheel loader					01.97- 01.06	114340	24	4.5	
WA180 4B Wheel loader					01.97- 01.06	114340	24	4.5	
WA180 6B Wheel loader					01.97- 01.06	114340	24	4.5	
WA250 4B Wheel loader					01.97- 01.06	114340	24	4.5	
WA250 6B Wheel loader					01.97- 01.06	114340	24	4.5	
WA253 4B Wheel loader					01.97- 01.06	114340	24	4.5	
WA253 6B Wheel loader					01.97- 01.06	114340	24	4.5	
WA800 Wheel Loader	[SA12V140]	115534	28	90					
WA900 Wheel Loader	[SA12V140]	115534	28	90					
WB140 Backhoe		114262	14	80					
<b>MOTORS</b>									
SA6D170A Diesel	[SA6D170A]					114165	24	7.5	
<b>Kramer</b>									
<b>INDUSTRY</b>									
Various models					01.77- 07.96	110641	14	33	01.78- 12.91 110536 12 2.7
					09.88- 07.96	110881	14	55	01.92- 112555 12 3.1
<b>Kubota</b>									
<b>AGRICULTURE</b>									
6800	[V3300]				01.02-	114807	14	60	
					01.02-	116109*	14	45	
8200	[V3300]				01.02-	114807	14	60	
					01.02-	116109*	14	45	
9000	[V3300]				01.02-	114807	14	60	
					01.02-	116109*	14	45	
B2320	[D1105-E3]				01.08-	114657	14	14	
B2920	[D1305-E3]				01.08-	114657	14	14	
F2260									114485 12 1.1
F2560									114485 12 1.1
L2250	[D1302]				01.85- 01.90	113893	12	1.2	
L2500	[D1403]					113893	12	1.2	
L2550	[D1402]				01.85- 01.96	113893	12	1.2	
L2650	[D1402]				01.90- 01.96	113893	12	1.2	
L2800	[D1403]					113893	12	1.2	
L2900	[D1503]				01.94- 01.98	113893	12	1.2	
L2950	[D1462]				01.91- 01.93	113893	12	1.2	
L3010	[D1503]				01.98- 01.02	113893	12	1.2	
L3130	[D1503]				01.03- 01.05	113893	12	1.2	
L3300	[D1703]				01.94- 01.98	113893	12	1.2	
L3400	[D1703]					113893	12	1.2	
L3410	[D1703]				01.98- 01.02	113893	12	1.2	
L3430	[D1703]				01.03- 01.05	113893	12	1.2	
L35	[D1703]					113893	12	1.2	
L3540	[D1803]				01.07-	115322	12	1.4	
L3830	[D1803]				01.07-	115322	12	1.4	
L3940	[V2006]				01.07-	115322	12	1.4	
M6040	[V3307]					115378	12	2.5	
M7040	[V3307]					115378	12	2.5	
M7580DT	[V4302]				01.91- 12.98	114515	14	45	
M8580DT	[V4702A]				01.91- 12.98	114515	14	45	
Various models						114516	14	14	114259 12 2.5
						114515	14	45	
						114751	14	45	114501 12 1.0
<b>INDUSTRY</b>									
RX502 Excavator						114085	14	40	110720 12 1.4
Various models						114516	14	14	114674 12 0.6
									115552 12 2.0
<b>MOTORS</b>									
Engine 1.9	[V1902]				01.85- 01.03	110356	12	1.4	
					01.85- 01.03	111197	12	2.0	
Engine	[D1302]				01.85- 01.90	111195	14	35	01.82- 110245 12 1.7
									Denso long type 01.86- 113966 12 1.4
									Denso short type 01.79- 110720 12 1.4
	[D1402]				01.85- 01.90	111195	14	35	01.79- 110720 12 1.4
									Denso short type 01.79- 113966 12 1.4
									Denso long type 01.79- 114711 12 2.5
	[D850]				01.87-	11021	12	1.4	

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



**KUBOTA** *Continued*

Engine	[D950]	01.98-	112721	14	55		01.81-	110421	12	0.8
	[DM1102]						01.81-	110447	12	1.0
							01.81-	113211	12	1.0
	[F2302]	01.85- 01.93	110137	14	30					
	[F2803]						01.85-	115595	12	2.0
	[V1502]	01.86- 01.89	110620	14	35		07.98-	113966	12	1.4
							Denso long type	110720	12	1.4
							Denso short type	111197	12	2.0
								113211	12	1.0
							01.81-	110421	12	0.8
							01.78-	110246	12	1.4
								111021	12	1.4
								112547	12	1.4
								112547	12	1.4
							01.81-	110421	12	0.8
							112547	12	1.4	
							115595	12	2.0	
							113596	12	0.6	
							112547	12	1.4	
							113204	24	1.4	
							113205	12	0.7	
							113211	12	1.0	
							113551	12	2.2	
							113635	12	1.2	

**Kassbohrer**

<b>TRUCKS EU</b>										
S210H 11.0	[OM421.900]	10.83- 03.95	110895	28	55		10.83- 06.96	110210	24	6.6
	[OM421A]	09.85- 03.95	110895	28	55		09.85- 06.96	110210	24	6.6
	[OM441A]						03.89- 06.96	110210	24	6.6
S211H 11.0	[OM421A]	09.85- 03.95	110895	28	55		09.85- 06.96	110210	24	6.6
S211H 14.6	[OM422.900]	01.80- 03.95	110895	28	55		01.80- 06.96	110210	24	6.6
S213H 14.6	[OM422.900]	01.80- 03.95	110895	28	55		01.80- 06.96	110210	24	6.6
	[OM422.901]	09.83- 03.95	110895	28	55		09.83- 06.96	110210	24	6.6
S213HR 14.6	[OM422.900]	09.83- 03.95	110895	28	55		09.83- 06.96	110210	24	6.6
S213RL 14.6	[OM422.900]	09.83- 03.95	110895	28	55		09.83- 06.96	110210	24	6.6
S214H 12.0	[D2866KOH]						08.87- 01.95	110210	24	6.6
	[D2866LOH]						09.86- 01.95	110210	24	6.6
S214HD 14.6	[OM422.900]	09.83- 03.95	110895	28	55		09.83- 06.96	110210	24	6.6
	[OM422.901A]	09.83- 03.95	110895	28	55		09.83- 06.96	110210	24	6.6
S215H 12.0	[D2866KOH]						08.87- 01.95	110210	24	6.6
	[D2866LOH]						09.86- 01.95	110210	24	6.6
S215H 14.6	[OM422.900]	01.80- 03.95	110895	28	55		01.80- 06.96	110210	24	6.6
	[OM422.901A]	09.83- 03.95	110895	28	55		09.83- 06.96	110210	24	6.6
	[OM422A]						07.88- 06.96	110210	24	6.6
S215HR 14.6	[OM422.900]	09.83- 03.95	110895	28	55		09.83- 06.96	110210	24	6.6
S215RL 14.6	[OM422.900]	09.83- 03.95	110895	28	55		09.83- 06.96	110210	24	6.6
S215SL 12.0	[OM427H]	09.85- 03.95	110895	28	55		09.85- 06.96	110210	24	6.6
S215UL 12.0	[OM427H.]	09.85- 03.95	110895	28	55		09.85- 06.96	110210	24	6.6
S216HDS 14.6	[OM422.901A]						07.80- 06.96	110210	24	6.6
S217HDH 14.6	[OM422LA]						01.89- 06.96	110206	24	5.4
S228DT 14.6	[OM442LA]						01.89- 06.96	110206	24	5.4
S250 Spezial 12.0	[D2866LOH23]						06.96- 06.01	110206	24	5.4
S309HD 11.0	[OM441LA]						09.92-	110206	24	5.4
S313UL 12.0	[D2866LUH21]						03.95-	113608	24	6.2
	[OM447HLA]						03.95-	113608	24	6.2
	[OM457HLA]						07.01-	113608	24	6.2
S315GT 11.0	[OM441LA]						09.94-	110206	24	5.4
S315GT 14.6	[OM442LA]						09.94-	110206	24	5.4
S315GT-HD 11.0	[OM441LA]						07.96-	110206	24	5.4
	[OM442LA]						07.96-	110206	24	5.4
S315H 11.0	[OM441LA]						09.94-	110206	24	5.4
S315HD 12.0	[D2866LOH23]						03.95-	110206	24	5.4
S315HD HDH 11.0	[OM441LA]						09.91-	110206	24	5.4
S315HD HDH 14.6	[OM442LA]						09.91-	110206	24	5.4
S316HDS 14.6	[OM442LA]						01.97-	110206	24	5.4
S316UL 12.0	[OM457HLA]						07.01-	113608	24	6.2
S317HDH 14.6	[OM442LA]						10.97-	110206	24	5.4
S317UL 12.0	[OM457HLA]						07.01-	113608	24	6.2
S319GT-HD 11.0	[OM442LA]						07.98-	110206	24	5.4
S319UL 12.0	[D2866LUH21]						03.95-	113608	24	6.2
	[OM447HLA]						03.95-	113608	24	6.2
	[OM457HLA]						07.01-	113608	24	6.2
S328DT 14.6	[OM442LA]						04.93-	110206	24	5.4

**Lada**

<b>PASSENGER CARS EU</b>										
110 1.5	[BA32111]	01.95-	111811	14	80		01.95-	112304	12	1.4
	[VAZ-2111]	01.95-	111811	14	80		01.95-	112304	12	1.4
110 1.5 16V	[VAZ-2112]	10.00-	112191	14	80		01.95-	112304	12	1.4
		01.95-	111811	14	80					
110 2.0 i	[C20XE]	01.96- 12.00	113632	14	85					
111 1.5	[VAZ-2111]	10.00-	112191	14	80		01.96-	112304	12	1.4
		01.95-	111811	14	80					
111 1.5 16V	[VAZ-2112]	10.00-	112191	14	80		01.95-	112304	12	1.4
		01.95-	111811	14	80					
111 1.6	[VAZ-21114]	01.05-	111811	14	80		01.05-	112304	12	1.4
	[VAZ-21124]	03.06-	111811	14	80		03.06-	112304	12	1.4
112 1.5	[VAZ-2111]	01.95-	111811	14	80		01.95-	112304	12	1.4
	[VAZ-2112]	10.00-	112191	14	80		01.95-	112304	12	1.4
112 1.5 16V		01.95-	111811	14	80					
	[VAZ-21114]	01.05-	111811	14	80					
112 1.6	[VAZ-21124]	03.06-	111811	14	80					

**STARTERS & ALTERNATORS**



1200 1.2	[BA32101]	03.79- 06.86	110350	14 44	01.70- 06.86	110352	12 1.3
1300 1.3	[BA321011]	01.80- 01.87	110348	14 55	05.78- 01.87	110352	12 1.3
			01.80- 01.87	110350			
	[BA32105]	01.80- 08.84	110350	14 44	08.74- 08.84	110352	12 1.3
1300 1.3 1300					08.74- 08.84	110352	12 1.3
1500 1.5	[BA32103]	03.79- 10.86	110350	14 44	09.72- 10.86	110352	12 1.3
		01.80- 10.86	110348	14 55			
1600 1.6	[BA32106]	01.80- 10.86	110348	14 55	09.72- 10.86	110352	12 1.3
		01.80- 10.86	110350	14 44			
Kalina 1.6	[VAZ-11186]				11.13-	112304	12 1.4
	[VAZ-21114, VAZ-21124]				10.04-	112304	12 1.4
Niva 1.6 1600	[BA32121]	01.80- 03.95	110350	14 44	12.76- 03.95	110352	12 1.3
Niva 1.7 4x4	[BA3 21214]	09.10-	112191	14 80	09.10-	110352	12 1.3
Niva 1.7 i 1700	[BA321214]	01.93-	112191	14 80	07.96- 12.99	110352	12 1.3
Niva 1.7 i 4x4	[BA3 21214]	10.00-	112191	14 80	10.00-	110352	12 1.3
Niva 1.7 LPG	[BA3 21214]	09.02-	112191	14 80			
Nova 1.2 1200 Junior	[BA32101]	09.81-	110348	14 55	09.81-	110352	12 1.3
		09.81-	110350	14 44			
Nova 1.3 1300	[BA32105]	09.85- 12.90	110348	14 55	09.85- 12.90	110352	12 1.3
		09.85- 12.90	110350	14 44			
Nova 1.3 1300 Spezial	[BA32105]	05.81-	110348	14 55	05.81-	110352	12 1.3
		05.81-	110350	14 44			
Nova 1.5 1500	[BA32103]	03.85- 02.93	110348	14 55	03.85- 02.93	110352	12 1.3
		03.85- 02.93	110350	14 44			
		[BA321083]	06.89-	110348	14 55		
		06.89-	110350	14 44			
Nova 1.6 1600	[BA32106]	01.88-	110348	14 55	01.88-	110352	12 1.3
		01.88-	110350	14 44			
Nova 1.7 1700	[ECE]	08.94-	110348	14 55	08.94-	110352	12 1.3
Priora 1.6					10.09-	112304	12 1.4
Samara 1.1 1100	[BA321081]	02.88- 12.94	110348	14 55			
Samara 1.1 1100 Forma	[BA321081]	07.91-	110348	14 55			
Samara 1.3 1300	[BA32108]	01.86- 12.94	110348	14 55			
	[BA321115]	02.96-	110348	14 55			
Samara 1.3 1300 Forma	[BA32108]	05.89-	110348	14 55			
Samara 1.5	[BA3 21083]	01.86-	110348	14 55			
					03.93-	112304	12 1.4
Samara 1.5 1500	[BA321083]	01.88-	110348	14 55			
	[BA32111]	09.91-	111811	14 80	01.99-	112304	12 1.4
Samara 1.5 1500 Forma	[BA321083]	07.91-	110348	14 55			
	[BA32111]	11.94-	111811	14 80	01.99-	112304	12 1.4
Samara Forma 1.5	[VAZ-2111]	08.03-	110348	14 55			
Toscana 1.3	[BA32105]	12.85-	110348	14 55	12.85-	110352	12 1.3
		12.85-	110350	14 44			
Toscana 1.5 1500	[BA32103]	09.83- 02.93	110348	14 55	09.83- 02.93	110352	12 1.3
		09.83- 02.93	110350	14 44			
<b>PASSENGER CARS AO</b>							
Samara 1.5	[VAZ-2111]	04.96-	111811	14 80			
<b>Lamborghini</b>							
<b>PASSENGER CARS EU</b>							
Espada 3.9 400 GT					01.68- 12.81	115329	12 1.2
						113177	12 1.1 A49
Jarama 3.9 400 GTS					01.68- 12.76	115329	12 1.2
					01.68- 12.76	113177	12 1.1 A49
<b>PASSENGER CARS US</b>							
Jalpa 3.5		01.82-	112098	14 65			
Jarama 4.0 400 GT					01.71-	115329	12 1.2
					01.71-	113177	12 1.1 A49
Jarama 4.0 400 GTS					01.73-	113177	12 1.1 A49
					01.73-	115329	12 1.2
Urraco 2.5 P250		01.76-	112098	14 65			
<b>AGRICULTURE</b>							
105 Diesel Formula	[1000.4]				03.89- 12.99	111001	12 3.0
115 6.0 Diesel Formula	[1000.6]	12.89-	111686	14 65	12.89- 12.99	111001	12 3.0
135 6.0 Diesel Formula	[1000.6]	12.89-	111686	14 65	12.89- 12.99	110530	12 3.0
165 6.0 Diesel Racing	[1000.6]	05.91-	111686	14 65	05.91- 12.99	110530	12 3.0
190 6.0 Diesel Rasing	[1000.6]	01.92-	111686	14 65	01.92- 12.99	110530	12 3.0
775 4.0 Diesel	[1000.4]	06.87- 12.99	110882	14 45	06.87- 12.99	110530	12 3.0
					06.87- 12.99	111001	12 3.0
804 4.6	[FL1104]				06.73- 12.79	110551	12 3.0
904 5.0	[FL1154]				03.73- 12.79	110551	12 3.0
1106 5.5 Diesel 2RM	[916.6]	01.84- 05.85	110882	14 45			
1306 5.5 TD DT	[916.6]	01.84- 05.85	110882	14 45			
1506 6.8 TD	[1106HT]	01.84- 05.85	110882	14 45			
1706 6.8 TD	[1106]	01.84- 05.85	110882	14 45			
660 F 3.0 Diesel	[1000.3]				06.87- 12.99	111001	12 3.0
674-70 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14 45	06.86- 12.99	110530	12 3.0
					06.86- 12.99	111001	12 3.0
674-70 N 4.0 Diesel	[1000.4]	06.86- 12.95	110882	14 45	06.86- 12.95	110530	12 3.0
					06.86- 12.95	111001	12 3.0
674-70 N 4.0 Diesel Bosso	[1000.4]	06.86- 12.95	110882	14 45	06.86- 12.95	110530	12 3.0
					06.86- 12.95	111001	12 3.0
774-80 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14 45	06.86- 12.99	110530	12 3.0
					06.86- 12.99	111001	12 3.0
774-80 DT 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14 45	06.86- 12.99	110530	12 3.0
					06.86- 12.99	111001	12 3.0
774-80 N 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14 45	06.86- 12.99	110530	12 3.0
					06.86- 12.99	111001	12 3.0
874-90 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14 45	06.86- 12.99	110530	12 3.0
					06.86- 12.99	111001	12 3.0
956 DT 5.5 Diesel	[916.6]	01.84- 05.85	110882	14 45	01.84- 12.99	111001	12 3.0
956-2 RM 5.5 Diesel	[916.6]	01.84- 05.85	110882	14 45			
C 554 2.8 Diesel	[100.3P]	06.87- 12.00	111180	14 33			
C 664 3.1 Diesel					06.87- 12.00	111001	12 3.0
C 774-80 4.0 Diesel	[1000.4]	06.86- 12.00	110882	14 45	06.86- 12.00	110530	12 3.0
					06.86- 12.00	111001	12 3.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**LAMBORGHINI** *Continued*

C 874-90 4.0 Diesel	[1000.4]	09.90- 12.00	110882	14 45	09.90- 12.00	111001	12 3.0
C603 3.1	[FL1104]				06.73- 06.76	110551	12 3.0
R 235 S 1.8 Diesel		01.83- 09.90	111649	14 33			
R 513 2.7 Diesel	[983L]	03.83- 12.95	111180	14 33			
R704 4.6	[FL1104]				06.73- 04.78	110551	12 3.0
Various models		04.81- 01.85	111649	14 33		111284	12 2.5
		06.78- 12.95	111180	14 33			
		01.84- 08.85	110882	14 45			
		03.71- 03.84	110641	14 33			
		12.80- 12.84	110890	14 55			
		07.86- 12.99	111686	14 65			
<b>MOTORS</b>							
	[1000.3W]	01.87- 12.99	110882	14 45	01.87- 12.99	110530	12 3.0
	[1000.4W]	01.87- 12.99	110882	14 45	01.87- 12.99	111001	12 3.0
					01.87- 12.99	110530	12 3.0
	[1000.6..]	09.90- 12.99	110882	14 45	09.90- 12.99	111001	12 3.0
					09.90- 12.99	110530	12 3.0
<b>Lancia</b>							
<b>PASSENGER CARS EU</b>							
A 112 0.9 Junior	[112A.000]				01.81- 06.86	110365	12 0.8
					03.81- 06.86	110814	12 2.7
	[112A5.000]				01.81- 06.86	110365	12 0.8
					03.81- 06.86	110814	12 2.7
					01.81- 06.86	110365	12 0.8
					03.81- 06.86	110814	12 2.7
A 112 1.0 Abarth	[A112A.2000]	03.78- 02.84	111078	14 45	03.78- 02.84	110365	12 0.8
Ardea Berlina 0.9	[A112A.000]	11.88-	112025#	14 100 ▲	11.88-	111865	12 1.7
Beta 1.3		04.76- 07.82	110912	14 55			
		04.76- 04.78	111138	14 45			
Beta 1.4	[828A2.000]	08.73- 07.76	110912	14 55			
Beta 1.6 Spider	[828B.000]	01.73- 12.84	110912	14 55			
		01.73- 04.78	111138	14 45			
Beta 1.8	[828A1.000]	08.73- 12.84	110912	14 55			
		08.73- 04.78	111138	14 45			
Beta 2.0	[828B1.000]	01.73- 07.82	110912	14 55			
		01.73- 07.78	111138	14 45			
Beta 2.0 i.e. HPE	[828B4.000]	05.81- 09.84	110912	14 55			
Dedra 1.6	[159B9.000]				10.94- 07.99	112289	12 0.8
		AC 10.94- 07.99	112780	14 90	10.94- 07.99	112124	12 0.9
Dedra 1.6 LE	[159B9.000]	AC 07.94- 04.98	112780	14 90	07.94- 04.98	112124	12 0.9
Dedra 1.6 16V	[182A4.000]	02.96-	111689	14 65			
Dedra 1.6 i.e.	[835A1.000]				08.89- 06.94	111228	12 1.1
	[835A1.046]	AC 08.89- 03.93	112780	14 90	08.89- 03.93	111228	12 1.1
					04.95- 07.99	112124	12 0.9
					04.93- 04.95	111228	12 1.1
			AC 04.93- 12.99	112780	14 90	04.93- 04.95	111228
Dedra 1.8 16V GT	[183A1.000]	03.96- 07.99	113939	14 100	03.96- 07.99	111685	12 1.4
Dedra 1.8 16V LE	[182A2.000]	03.96-	111409	14 100	03.96- 07.99	111685	12 1.4
		03.96- 07.99	113939	14 100			
Dedra 1.8 i.e.	[835A2.000]	01.89- 06.94	111620	14 65	09.89- 06.94	110854	12 1.4
	[835A2.046]	09.89- 10.94	111620	14 65	09.89- 10.94	110854	12 1.4
	[836A5.000]	07.94- 07.99	111620	14 65	07.94- 07.99	110854	12 1.4
		08.93- 07.94	111620	14 65	08.93- 07.94	110854	12 1.4
Dedra 1.8 i.e. LE	[835C5.000]	08.93- 07.94	111620	14 65	08.93- 07.94	110854	12 1.4
Dedra 1.9 TDS	[160D1.000]	04.89- 07.99	112771	14 90			
		07.94- 10.99	112688	14 95			
		AC 10.94- 10.99	112771	14 90			
	[835A4.000]	04.89- 07.99	112688	14 95			
		AC 04.89- 07.99	112771	14 90			
	[835A4.046]	04.89- 07.99	111620	14 65			
		AC 10.89- 10.99	112771	14 90			
Dedra 2.0 4WD Integrale	[836A3.000]	07.94- 07.99	111620	14 65	07.94- 07.99	110854	12 1.4
Dedra 2.0 HF Integrale	[835A7.000]	06.90-	111620	14 65	06.90-	110854	12 1.4
	[835A7.046]	04.91-	111620	14 65	04.91-	110854	12 1.4
Dedra 2.0 16V	[836A3.000]	07.94- 07.99	111620	14 65	07.94- 07.99	110854	12 1.4
Dedra 2.0 i.e. Turbo	[835A8.046]	08.89-	111620	14 65	04.91-	112455	12 1.4
Dedra 2.0 i.e.	[835A5.000]	08.89- 07.92	111620	14 65	09.89- 07.92	112455	12 1.4
		08.89-	111654	14 65			
	[835A5.046]	09.89- 10.99	111620	14 65	09.89- 10.94	110854	12 1.4
Dedra 2.0 i.e. Integrale	[835A7.000]	05.90- 07.94	111620	14 65	06.90- 07.92	110854	12 1.4
Dedra 2.0 Turbo	[835A8.000]	01.89- 06.94	111620	14 65	07.92- 07.92	110854	12 1.4
Delta 1.1	[831B8.000]	01.86- 12.90	111035	14 65	01.86- 12.90	110338	12 0.8
					01.86- 12.90	112289	12 0.8
Delta 1.3	[831A2.000]	09.79- 08.92	111035	14 65	09.79- 08.92	110338	12 0.8
	[831B.000]	09.79- 08.92	111035	14 65	09.79- 08.92	110338	12 0.8
Delta 1.4	[198A1.000]	09.08-	114806	14 120	09.08-	113962	12 0.9
		09.08-	115874	14 120 A49			
	[198A4.000]	09.08-	114806	14 120	09.08-	113962	12 0.9
		09.08-	115874	14 120 A49			
Delta 1.4 16V	[198A7.000]	07.10-	114806	14 120	A25 07.10-	115312	12 1.1
		07.10-	115874	14 120 A49			
Delta 1.4 i.e.	[160A1.046]	01.93- 04.94	111035	14 65			
		AC 01.93- 04.94	112780	14 90			
	[836A4.000]	AC 04.94- 12.99	112780	14 90	04.95- 12.99	112124	12 0.9
Delta 1.5	[831A1.000]	09.79- 12.92	111035	14 65	09.79- 12.92	112289	12 0.8
		09.79- 12.92	111148	14 65			
	[831B1.000]	09.79- 12.92	111035	14 65	09.79- 12.92	112289	12 0.8
		09.79- 12.92	111148	14 65			
Delta 1.6 GT	[831A4.000]	11.82- 04.86	110912	14 55			
		11.82- 04.86	111620	14 65			
Delta 1.6 i.e.	[835C1.000]	AC 06.93- 12.99	112780	14 90	04.95- 12.99	112124	12 0.9
Delta 1.6 i.e. GT Super	[149C2.000]				05.87- 08.92	110814	12 2.7
Delta 1.6 i.e. LE	[182A4.000]	01.96- 08.99	111689	14 65	01.96- 08.99	112289	12 0.8
	[182A6.000]	03.96- 08.99	111689	14 65	03.96- 08.99	112124	12 0.9
Delta 1.6 Turbo HF	[831B7.046]				04.87- 03.89	110814	12 2.7
Delta 1.6 Multijet	[198A2.000]	09.08-	113996	14 140	09.08-	113931	12 1.7
		09.08-	114493	14 100			
	[944A3.000]	04.11-	114493	14 100	04.11-	113931	12 1.7

## STARTERS & ALTERNATORS



	[955A4.000]	08.08-	114493	14	100		08.08-	113931	12	1.7	
Delta 1.8	[939B1.000]						01.09-	113931	12	1.7	
Delta 1.8 i.e.	[835C2.000]	06.93- 12.95	111620	14	65		04.94- 12.95	110854	12	1.4	
	[835C4.000]	01.93-	111620	14	65		01.93-	110854	12	1.4	
	[836A6.000]	01.93-	111620	14	65		01.93-	110854	12	1.4	
	[836C4.000]	01.93-	111620	14	65		01.93-	110854	12	1.4	
Delta 1.8 i.e. GT	[183A1.000]	03.96- 08.99	113939	14	100		03.96- 08.99	111685	12	1.4	
Delta 1.8 i.e. LE	[182A2.000]	03.96-	111409	14	100		03.96- 12.99	111685	12	1.4	
		03.96- 08.99	113939	14	100						
Delta 1.9 Multijet	[844A1.000]	01.09-	113996	14	140						
		01.09-	114493	14	100						
		10.95-	112688	14	95						
Delta 1.9 TD	[160D1.000]	AC 10.95-	112771	14	90						
		10.94- 10.95	112688	14	95						
	[835A4.000]	AC 10.94- 08.99	112771	14	90						
		10.94- 10.95	112688	14	95						
Delta 2.0 HF Integrale 4WD	[831C5.046]	03.89- 12.92	111620	14	65		03.89- 12.92	112455	12	1.4	
Delta 2.0 16V	[836A3.000]	06.93- 12.99	111620	14	65		04.94- 12.99	110854	12	1.4	
Delta 2.0 16V HF Integrale 4WD	[831D5.000]						03.89- 09.91	110814	12	2.7	
		06.93- 01.94	111620	14	65		06.91- 12.94	110854	12	1.4	
	[831E5.000]	06.93- 01.94	113498	14	80						
		06.93- 01.94	111620	14	65		06.91- 12.94	112455	12	1.4	
	[831E5.046]	06.93- 01.94	113498	14	80						
Delta 2.0 Turbo 16V	[836A2.000]	06.93- 12.99	111620	14	65		04.94- 12.99	110854	12	1.4	
Delta 2.0 Turbo 16V HPE	[175A4.000]	01.93- 12.99	111620	14	65		09.96- 12.99	110854	12	1.4	
Delta 2.0 Multijet	[198A5.000]	09.08-	113996	14	140						
		09.08-	114493	14	100						
		09.08-	113996	14	140						
	[198A8.000]	09.08-	114493	14	100						
		09.08-	114493	14	100						
	[844A2.000]	09.08-	114493	14	100						
Delta Iii 1.4 BiFuel	[198A4.000]	07.11-	114806	14	120		07.11-	113962	12	0.9	
		07.11-	115874	14	120 A49						
Gamma 2.5	[830A.000]	03.82- 12.84	111166	14	70						
	[830A4.000]	03.82- 12.84	111166	14	70						
Kappa 2.0 20V	[838A1.000]	10.94- 10.01	111409	14	100		Chas. 2076973-	10.94-	111685	12	1.4
		10.94- 10.01	113942	14	100		Chas. 2076973-	07.96- 10.01	111685	12	1.4
	[838A6.000]						Chas. 2076973-	02.98- 03.01	111685	12	1.4
Kappa 2.0 20V LE	[838A6.000]	07.96- 12.00	111409	14	100		Chas. 2076973-	07.96-	111685	12	1.4
		07.96- 10.01	113942	14	100						
Kappa 2.0 Turbo 16V	[838A4.000]	11.94- 06.98	111409	14	100		02.95- 10.01	112455	12	1.4	
		07.96- 10.01	113942	14	100						
Kappa 2.0 Turbo 20V	[175A3.000]						06.98- 03.01	111685	12	1.4	
Kappa 2.4 20V	[838A2.000]	08.94- 11.01	111409	14	100		Chas. 2076973-	08.94- 10.01	111685	12	1.4
		08.94- 10.01	113942	14	100						
	[838A2.027]	08.94- 11.01	111409	14	100		Chas. 2076973-	08.94- 10.01	111685	12	1.4
		08.94- 10.01	113942	14	100						
Kappa 2.4 TD	[838A3.000]	01.94- 10.01	111409	14	100						
		01.94- 01.01	113336	14	120						
		08.94- 10.01	113942	14	100						
	[838A7.000]	08.94- 10.01	113942	14	100						
		06.96- 10.01	111409	14	100						
		01.94- 01.01	112777	14	115						
Kappa 3.0 24V	[838B.000]	01.94- 01.01	112777	14	115						
Lybra 1.6	[182B6.000]						10.00- 10.05	114035	12	1.3	
Lybra 1.6 SW	[182B6.000]						10.00- 10.05	114035	12	1.3	
Lybra 1.6 16V	[182A4.000]	AC 07.99-	112190	14	90		07.99-	112445	12	1.1	
Lybra 1.8 16V	[839A4.000]	07.99- 02.02	111409	14	100		07.99-	111685	12	1.4	
		07.99-	113942	14	100						
	[839A7.000]	07.99- 02.02	111409	14	100		09.00-	111685	12	1.4	
		07.99-	113942	14	100						
		[839A9.000]	07.99- 02.02	111409	14	100		07.99-	111685	12	1.4
		07.99-	113942	14	100						
Lybra 1.9 JTD	[937A2.000]	05.01-	113943	14	100		05.01-	113430	12	1.8	
		AC 05.01-	113336	14	120						
	[AR32302]	07.99-	113336	14	120		07.99-	113430	12	1.8	
		07.99- 09.00	113939	14	100						
		07.99- 09.00	113942	14	100						
			07.99- 09.00	113943	14	100					
			AC 07.99- 09.99	111409	14	100					
		A17 07.99- 09.00	113336	14	120						
	[AR37101]	09.00-	113336	14	120		09.00-	113430	12	1.8	
		09.00- 05.01	113943	14	100						
Lybra 1.9 JTD SW	[AR37101]	09.00-	113336	14	120		09.00-	113430	12	1.8	
		09.00- 05.01	113943	14	100						
Lybra 2.0 20V	[182B7.000]						07.99-	111685	12	1.4	
	[185A8.000]						09.00-	111685	12	1.4	
Lybra 2.0 20V SW	[185A8.000]						09.00-	111685	12	1.4	
Lybra 2.4 JTD	[839A5.000]	10.99- 09.00	113336	14	120		10.99- 09.00	113430	12	1.8	
	[839A6.000]	09.00-	113336	14	120		09.00-	113430	12	1.8	
	[841C.000]	06.02-	113336	14	120						
	[AR32501]	10.99- 09.00	113336	14	120		10.99- 09.00	113430	12	1.8	
Lybra 2.4 JTD SW	[839A6.000]	09.00-	113336	14	120		09.00-	113430	12	1.8	
Musa 1.3 Multijet	[188A9.000]	10.04-	113721	14	75		10.04-	113719	12	1.3	
		10.04-	114451	14	105		10.04-	115869	12	1.3 A49	
		AC 10.04-	113722	14	90 A49						
		AC 10.04-	115963	14	90						
	[199A3.000]	10.04-	113721	14	75		10.04-	113719	12	1.3	
		AC 09.06-	113722	14	90 A49		09.06-	113843	12	1.1	
		AC 09.06-	114451	14	105		09.06-	115869	12	1.3 A49	
		AC 09.06-	115963	14	90						
	[199B1.000]	03.09-	113722	14	90 A49		A25 03.09-	115400	12	1.4	
		03.09-	115308	14	120						
03.09-		115963	14	90							
Musa 1.4	[192B2.000]						10.07-	113962	12	0.9	
	[350A1.000]	09.05-	113718	14	70		09.05-	113962	12	0.9	
	[843A1.000]	09.05-	113718	14	70						
Musa 1.4 LPG	[350A1.000]					11.10-	113962	12	0.9		

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**LANCIA** *Continued*

Musa 1.6 Multijet	[350A2.000]	07.08-	114493	14	100	A25 07.08-	115399	12	1.4
						07.08-	113931	12	1.7
Musa 1.9 Multijet	[350A3.000]	07.08-	114493	14	100	A25 07.08-	115399	12	1.4
	[188B2.000]	10.04-	113336	14	120	10.04-	113931	12	1.7
		10.04-	113943	14	100				
		10.04-	114494	14	90				
Phedra 2.0	[RFN (EW10J4)]	09.02-	113755	14	150				
Phedra 2.0 JTD	[RHK (DW10UTED4)]	06.06-	113640	14	150	06.06-	111070	12	1.7
	[RHM (DW10ATED4)]	07.03-	112461	14	150	07.03-	111070	12	1.7
						07.03-	114460	12	1.4
						09.02-	114460	12	1.4
	[RHW (DW10ATED4)]	09.02-	112461	14	150	09.02-	111070	12	1.7
Phedra 2.0 Multijet	[RHR (DW10BTED4)]	07.06-	113640	14	150	07.06-	114460	12	1.4
Phedra 2.2 JTD	[4HP]	04.06-	113640	14	150	04.06-	114854	12	2.5
	[4HR]	04.06-	113640	14	150	04.06-	114854	12	2.5
	[4HW (DW12ATED4)]	09.02-	112461	14	150	09.02-	111070	12	1.7
		09.02-	113640	14	150	09.02-	114460	12	1.4
Phedra 2.2 Multijet	[4HS]	03.08-	113640	14	150	03.08-	114854	12	2.5
	[4HT]	03.08-	113640	14	150	03.08-	114854	12	2.5
Phedra 3.0 V6	[ES9J4S]					09.02-	115354	12	1.3
Prisma 1.3	[831.A2_]	05.86- 12.89	111035	14	65	12.82- 04.86	110338	12	0.8
Prisma 1.5	[138C2.048]	12.82- 02.92	111035	14	65	09.85- 02.92	112289	12	0.8
		09.85- 02.92	111148	14	65				
	[831A1.000]	12.82- 04.86	111148	14	65	12.82- 04.86	112289	12	0.8
	[831B1.000]	05.86- 12.89	111035	14	65	05.86- 12.89	112289	12	0.8
		05.86- 12.89	111148	14	65				
		05.86- 12.89	111035	14	65	05.86- 12.89	112289	12	0.8
Prisma 1.6	[831A4.000]	12.82- 04.86	110912	14	55				
		12.82- 04.86	111148	14	65				
Prisma 1.9 Diesel	[831D.000]	06.84- 12.89	110912	14	55				
		06.84- 07.87	112719	14	55				
		06.84- 12.89	113187	14	85				
		AC 06.84- 12.89	111620	14	65				
Prisma 1.9 TD	[831D1.000]	05.85- 12.89	111654	14	65				
		05.85- 12.89	113187	14	85				
		AC 05.92- 11.94	112777	14	115	05.92- 11.94	112455	12	1.4
Thema 2.0 16V	[834F1.000]	05.88- 08.92	111620	14	65	05.88- 08.92	112455	12	1.4
Thema 2.0 i.e. 16V	[834B2.000]	05.88- 08.92	112453	14	85				
	[834B2.246]	02.89- 05.92	111620	14	65	02.89- 05.92	112455	12	1.4
		12.88- 06.90	111620	14	65	12.88- 06.90	112455	12	1.4
Thema 2.0 i.e. Turbo 16V	[834C1.000]	12.88- 06.90	112453	14	85				
	[834C1.246]	11.84- 05.92	111620	14	65	04.89- 05.92	110814	12	2.7
		04.89- 05.92	112777	14	115	AT 04.89- 05.92	112455	12	1.4
		02.89- 05.92	111620	14	65	AT 02.89- 05.92	112455	12	1.4
Thema 2.0 i.e. Turbo	[834B2.246]	02.89- 05.92	112453	14	85				
	[834C.000]	11.84- 05.90	111620	14	65	11.84- 12.87	112455	12	1.4
		11.84- 09.88	112453	14	85				
	[834C.146]	07.86- 05.90	111620	14	65	AT 07.86- 05.90	112455	12	1.4
		07.86- 05.90	112453	14	85				
		11.84- 09.91	111620	14	65	AT 11.84- 09.88	112455	12	1.4
Thema 2.0 i.e.	[834B.000]	11.84- 09.88	112453	14	85				
	[834B.048]	03.86- 09.88	111620	14	65	AT 03.86- 09.88	112455	12	1.4
	[834B.146]	09.87- 09.88	111620	14	65	AT 09.87- 09.88	112455	12	1.4
	[834B1.000]	09.88- 05.92	111620	14	65	AT 09.88- 05.92	112455	12	1.4
		06.88- 12.90	112777	14	115	AT 06.88- 05.92	112455	12	1.4
Thema 2.0 Turbo 16V	[834C.1000]	06.88- 12.92	111620	14	65	AT 06.88- 05.92	112455	12	1.4
		AC 06.88- 12.90	112777	14	115				
	[834C.146]	06.88- 05.90	112453	14	85	01.89- 03.92	110814	12	2.7
						06.88- 05.90	112455	12	1.4
	[834C1.246]	04.89- 05.92	111620	14	65	04.89- 03.93	110814	12	2.7
		AC 04.89- 05.92	112777	14	115	AT 04.89- 05.92	112455	12	1.4
	[834F2.000]	AC 05.92- 11.94	112777	14	115	05.92- 11.94	112455	12	1.4
Thema 2.5 TD	[8144.91]	11.84- 05.92	111686	14	65				
		11.84- 09.88	112453	14	85				
	[8144.97]	06.88- 05.92	111686	14	65				
		06.88- 05.92	112453	14	85				
	[8144.97S]	05.88- 07.92	111686	14	65				
		05.88- 07.92	112453	14	85				
Thema 2.5 TDS	[8144.97Y]	05.92- 11.94	112453	14	85				
	[8144.97]	06.88- 05.92	111686	14	65				
		06.88- 05.92	112453	14	85				
Thema 2.8 i.e. V6	[8144.97S]	05.92- 11.94	112453	14	85				
	[834E.000]	11.84- 09.88	112453	14	85				
		11.84- 09.88	112777	14	115				
Thema 2.9	[834E.146]	06.88- 05.92	112453	14	85				
		AC 06.88- 05.92	112777	14	115				
	[F105L]	09.87- 05.89	112453	14	85				
Thesis 2.0 Turbo	[F105L.046]	10.87- 05.92	112453	14	85				
	[841E.000]					04.02-	111685	12	1.4
					04.02-	113430	12	1.8	
Thesis 2.4	[841D.000]					07.02-	111685	12	1.4
Thesis 2.4 JTD	[841C.000]	07.02-	113987	14	140	04.02-	113430	12	1.8
	[841G.000]	05.03-	113987	14	140	05.03-	113430	12	1.8
	[841M.000]	09.03- 07.09	113987	14	140				
	[841N.000]	09.03- 07.09	113987	14	140	09.03- 07.09	113430	12	1.8
		04.06-	113987	14	140	04.06-	111685	12	1.4
Thesis 2.4 Multijet	[841P.000]	04.06-	113987	14	140				
Trevi 1.6	[828B.000]	05.80- 05.85	110912	14	55				
Trevi 2.0 Iniezione	[828B4.000]	05.80- 09.84	110912	14	55				
Y 1.1	[176B2.000]	11.95- 06.00	111411	14	75	11.95- 06.00	111422	12	0.8
		ACPS 11.95- 06.00	111505	14	75				
Y 1.2	[188A4.000]	03.96- 09.03	113718	14	70	06.00- 06.03	112382	12	0.8
		03.96- 09.03	115664*	14	75				
		03.96- 09.03	115665*	14	75				



	[840A3.000]	03.96- 03.96- 09.03 03.96- 09.03 03.96- 09.03 PS 03.96- ACPS 03.96-	111411 113718 115664* 115665* 113537 111505	14 75 14 70 14 75 14 75 14 65 14 75		03.96-	111422	12 0.8	
Y 1.2 16V	[176B9.000] [188A5.000]	04.97- 09.03 10.00- 09.03 AC 10.00-	115476 113718 113535	14 85 14 70 14 85		04.97- 10.00-	111422 112382	12 0.8 12 0.8	
Y 1.4 12V	[840A2.000] [840A4.000]	01.96- 06.00 03.96-	111413 111413	14 90 14 90					
Y10 1.0 Fire	[156A2.000] [156A2.100] [156A2.246]	03.85- 06.89 03.89- 06.91 10.87- 02.92	111036 111036 111036	14 45 14 45 14 45		03.85- 06.89 03.89- 06.91 12.87- 02.92	111025 111025 111025	12 0.8 12 0.8 12 0.8	
Y10 1.0 Fire 4WD	[156A2.000] [156A2.100] [156A2.246]	Eng. -10058448 09.86- 02.89 03.89- 06.91 Eng. -10058448 12.87- 02.92	111036 111036 111036	14 45 14 45 14 45		09.86- 02.92 03.89- 06.91 12.87- 02.92	111025 111025 111025	12 0.8 12 0.8 12 0.8	
Y10 1.0 Turbo	[156A1.000]	03.85- 02.89	111035	14 65		03.85- 02.89	112124	12 0.9	
Y10 1.1 Avenue	[176B2.000]	01.95-	111621	14 55		01.95- 09.95 09.95-	111025 111422	12 0.8 12 0.8	
Y10 1.1 Avenue 4WD	[176B2.000]					01.95- 09.95 09.95-	111025 111422	12 0.8 12 0.8	
Y10 1.1 i.e.	[156C.000]					08.89- 06.92	111025	12 0.8	
Y10 1.1 i.e. 4WD	[156C.000]					08.89- 06.92	111025	12 0.8	
Y10 1.1 i.e. Fire	[156C.046]	07.89- 07.89- 09.95	113471 113533	14 65 14 65		07.89- 10.92-	111025 111422	12 0.8 12 0.8	
Y10 1.1 i.e. Fire 4WD	[156C.046]	09.92- 12.95 09.92- 12.95	113471 113533	14 65 ▲ 14 65		09.92- 12.95 09.92- 12.95	111025 111422	12 0.8 12 0.8	
Y10 1.3 i.e. Fire	[146A5.046] [156B.000]	11.87- 11.87-	111148 111148	14 65 14 65					
Ypsilon 0.9 Twinair	[312A2.000]	05.11- 05.11- 05.11-	114806 115457 115874	14 120 14 120 14 120 A49		05.11-	116024	12 1.1	
Ypsilon 0.9 Twinair	[312A2.000]	12.13- 12.13- 12.13-	114806 115457 115874	14 120 14 120 14 120 A49		12.13-	116024	12 1.1	
Ypsilon 0.9 CNG	[312A2.000]	05.11- 05.11- 05.11-	114806 115457 115874	14 120 14 120 14 120 A49		05.11-	116024	12 1.1	
Ypsilon 1.2	[169A4.000] [188A4.000] [188A5.000]	10.03- AC 06.03- 10.03- AC 10.03-	114899 113535 114899 113535	14 70 14 85 14 70 14 85		A25 10.03- 10.03-	115312 113962	12 1.1 12 0.9 12 0.9	
Ypsilon 1.2 BiFuel	[169A4.000]	05.11- 05.11-	113535 113718	14 85 14 70		05.11-	113962	12 0.9	
Ypsilon 1.2 Bifuel	[169A4.000]	05.11- 05.11- 05.11- 05.11-	113535 113718 114706 115620	14 85 14 70 14 120 14 105		05.11- 05.11-	113962 115312	12 0.9 12 1.1	
Ypsilon 1.3 JTD	[188A9.000]	10.03- AC 10.03- AC 10.03-	113721 113722 115963	14 75 14 90 A49 14 90		10.03- 10.03-	113719 115869	12 1.3 12 1.3 A49	
Ypsilon 1.3 Multijet	[199A2.000] [199A3.000]	09.06- 09.06- 09.06- AC 09.06- AC 09.06- 09.06- 09.06- AC 09.06- AC 09.06-	113720 113721 116064 113722 115963 113720 113721 116064 113722 115963	14 75 A49 14 75 14 75 14 90 A49 14 90 14 75 A49 14 75 14 75 14 90 A49 14 90		09.06- 09.06- 09.06-	113719 115869	12 1.3 12 1.3 A49 12 1.3 12 1.3 A49	
Ypsilon 1.4	[199B1.000] [350A1.000] [843A1.000]	02.06- AC 10.03-	114462 113535	14 70 14 85		05.11- 02.06- 10.03-	115400 113962 113962	12 1.4 12 0.9 12 0.9	
Ypsilon 1.4 LPG	[350A1.000]	11.10-	114462	14 70					
Zeta 2.0 16V	[RFN (EW10J4)] [RFV (XU10J4R)]	07.00- 09.02 06.99- 10.00	111318 111318	14 80 14 80		05.98- 07.00	111130	12 1.1	
Zeta 2.0 Turbo	[RGX (XU10J2TE)]	05.95- 11.96 05.95- 09.02 02.97- 06.99	112772 113604 111318	14 120 14 95 14 80		05.95- 06.99 06.94-	111130 111070	12 1.1 12 1.7	
Zeta 2.0 JTD	[RHW (DW10ATED4)] [RHZ (DW10ATED)]	10.00- 06.02	112480	14 90		10.00- 06.02 04.00- 09.02	111070 114460	12 1.7 12 1.4	
Zeta 2.1 TD	[P8C]	05.96-	113485	14 80		05.96- 09.99	111070	12 1.7	
<b>PASSENGER CARS US</b>									
Beta 1.8		01.76- 01.78	110912	14 55					
Beta 1.8 HPE		01.76- 01.78	110912	14 55					
Beta 2.0		01.79- 01.81	110912	14 55					
Beta 2.0 HPE		01.79- 01.79	110912	14 55					
Zagato 2.0		01.81- 01.82	110912	14 55					
<b>Land Rover</b>									
<b>PASSENGER CARS EU</b>									
109 2.25 Diesel						01.69- 01.85	110440	12 2.1	
110 2.25 Diesel						01.83- 01.84	110440	12 2.1	
88/109 2.3 4x4	[11H]	09.61- 12.71	110178	14 36					
Defender 2.2 Diesel	[ZSD422]					08.11- 08.11-	113959 115510	12 2.0 12 2.0 A49	
Defender 2.2 Diesel TD4	[ZSD422]					08.11- 08.11-	113959 115510	12 2.0 12 2.0 A49	
Defender 2.2 Diesel Td4 4x4						02.15- 02.15-	113959 115510	12 2.0 12 2.0 A49	
Defender 2.4 TD TD4	[244DT]	05.07-	114064	14 150		05.07- 05.07-	113959 115510	12 2.0 12 2.0 A49	
Defender 2.5 4WD	[10P] [15P]	06.98- 06.98-	114300 114300	14 120 14 120		06.98- 06.98-	112439 112439	12 2.2 12 2.2	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**LAND ROVER** *Continued*

Defender 2.5 TD5 4WD	[10P]	06.98-	114300	14 120	06.98- 06.98-	112439 113662	12 2.2 12 2.0
	[14P]	06.98-	114300	14 120	06.98- 06.98-	112439 113662	12 2.2 12 2.0
	[15P]	06.98-	114300	14 120	06.98- 06.98-	112439 113662	12 2.2 12 2.0
Defender 2.5 TDi 90	[11L]	09.90- 09.90-	111176 111289	14 75 A47 14 70	09.90- 09.90- 09.90-	110354 110441 112439	12 3.1 12 2.1 12 2.2
	[16L]	09.90- 09.90-	111176 111289	14 75 A47 14 70	09.90- 09.90- 09.90-	110354 110441 112439	12 3.1 12 2.1 12 2.2
	[23L]	09.90- 10.95-	111176 111289	14 75 A47 14 70	10.95- 09.90- 12.01 10.95-	110354 110441 112439	12 3.1 12 2.1 12 2.2
	[11L]	09.90- 12.98 09.90- 12.98	111176 111289	14 75 A47 14 70	09.90- 12.98 09.90- 12.98 09.90- 12.98	110354 110441 112439	12 3.1 12 2.1 12 2.2
	[16L]	09.90- 12.98 09.90- 12.98	111176 111289	14 75 A47 14 70	09.90- 12.98 09.90- 12.98 09.90- 12.98	110354 110441 112439	12 3.1 12 2.1 12 2.2
	[23L]	09.90- 10.95-	111176 111289	14 75 A47 14 70	10.95- 09.90- 12.01 10.95-	110354 110441 112439	12 3.1 12 2.1 12 2.2
Defender 2.5 TDi 90 110	[11L]	09.90- 12.98 09.90- 12.98	111176 111289	14 75 A47 14 70	09.90- 12.98 09.90- 12.98 09.90- 12.98	110354 110441 112439	12 3.1 12 2.1 12 2.2
[16L]	09.90- 12.98 09.90- 12.98	111176 111289	14 75 A47 14 70	09.90- 12.98 09.90- 12.98 09.90- 12.98	110354 110441 112439	12 3.1 12 2.1 12 2.2	
[23L]	09.90- 10.95-	111176 111289	14 75 A47 14 70	10.95- 09.90- 12.01 10.95-	110354 110441 112439	12 3.1 12 2.1 12 2.2	
Defender 3.5 V8		08.90- 12.98 01.80- 01.85 08.90- 12.98	110891 110969 111366	14 70 A47 14 65 14 45	01.93- 12.98	111865	12 1.7
Defender 3.9 V8	[37L]	11.98-	112025#	14 100	09.95-	111865	12 1.7
Discovery 2.0 16V	[20T4]	09.93- 06.94	112025#	14 100	10.93- 06.98	111269	12 1.4
Discovery 2.5 TD	[15 P]	01.99-	114300	14 120	01.99-	113662	12 2.0
Discovery 2.5 TDi	[12L]	01.96-	112021	14 100	09.89- 09.89-	112439 110354	12 2.2 12 3.1
	[17L]	10.89- 10.98	112021	14 100	10.89- 10.98 10.89- 10.98	110354 112439	12 3.1 12 2.2
	[19L]	10.89- 10.98	112021	14 100	10.89- 10.98 10.89- 10.98	110354 112439	12 3.1 12 2.2
	[21L]	10.89- 10.98	112021	14 100	10.89- 10.98 10.89- 10.98	110354 112439	12 3.1 12 2.2
	[276DT]	10.04-	114704	14 150	10.04-	115642	12 2.0
	[276DT]				09.09-	115642	12 2.0
Discovery 3.0 SDV6	[30DDTX]	11.09-	116007*	14 150			
Discovery 3.0 TD	[306DT]	09.09-	116007*	14 150			
Discovery 3.0 TD TDV6	[306DT]	05.10-	116007*	14 150			
	[30DDTX]	05.10-	116007*	14 150			
Discovery 3.5	[22D]	09.89- 06.94	110891	14 70 A47	09.89- 06.94	111865	12 1.7
Discovery 3.9 V8	[35D]	09.93- 06.94	112025#	14 100	09.93- 06.94	111865	12 1.7
	[36D]	09.93- 06.94	112025#	14 100	09.93- 06.94	111865	12 1.7
Discovery 4.0 V6 4x4	[406PN]				10.04- 09.09	111865	12 1.7
Discovery 4.0 V8	[56D]	11.98- 11.98-	114352 115844	14 130 14 130	11.98-	111865	12 1.7
	[448PN]	10.04-	114491	14 150	10.04-	115822	12 1.8
Discovery II 2.5 4x4	[10P]	11.98- 06.04	114300	14 120	11.98- 06.04 11.98- 06.04	112439 113662	12 2.2 12 2.0
	[224DT]	09.14-	115468				
Freelander 1.8 16V	[18K4F]	Chas. -YA999999 AC 11.00-	114241 114242	14 90 14 105			
	[18K4F]	Chas. -YA999999 AC 02.98- 11.00	114241 114242	14 90 14 105	02.98- 11.00	113601	12 1.2
Freelander 2.0 Diesel Di	[20T2N]	09.97- 09.03	114386	14 90	02.98- 11.00	113928	12 1.7
Freelander 2.0 TD4	[204D3]	11.00- 11.00- 11.00-	112462 112472 113881	14 120 14 100 14 150	11.00-	113965	12 2.0
	[M47]	11.00- 11.00- 11.00-	112462 112472 113881	14 120 14 100 14 150	11.00-	113965	12 2.0
	[204D3]	11.01- 11.01- 11.01-	112462 112472 113881	14 120 14 100 14 150	11.01-	113965	12 2.0
	[224DT]	02.06- 02.06-	115544* 115671	14 150 14 180	02.06-	115725	12 2.0
	[224DT]	08.10- 08.10-	115544* 115671	14 150 14 180	08.10-	115725	12 2.0
Freelander 2.2 Diesel TD4	[224DT]	08.10- 08.10-	115544* 115671	14 150 14 180			
	[DW12BTED4]	08.10- 08.10-	115544* 115671	14 150 14 180			
Freelander 2.2 Diesel TD4 4x4	[224DT]	10.06- 10.06-	115544* 115671	14 150 14 180			
	[DW12BTED4]	10.06- 10.06-	115544* 115671	14 150 14 180			
Freelander 2.2 TD4	[224DT]	01.07-	115671	14 180	01.07-	115725	12 2.0
Freelander 2.5 V6	[25K4F]	11.00-	114386	14 90	11.00-	115950	12 2.0
Freelander 3.2	[B6324S]				02.06-	115943	12 1.1
Land Rover 2.5	[17H]	09.85- 07.90 01.87- 07.90	111185 111289	14 43 A47 14 70			
	[19J]	09.86- 07.90 09.86- 07.90	111289 111366	14 70 14 45	09.86- 07.90 09.86- 07.90	110441 112439	12 2.1 12 2.2
Land Rover 3.5 V8		01.80- 01.85 01.93- 12.98	110969 113763	14 65 14 85			
	[10J, 23J]	09.63- 12.86 09.63- 12.86 09.63- 12.86	110178 111185 113378	14 36 14 43 A47 14 45	09.63- 12.86	110440	12 2.1
LR 109 OL 2.3	[10H]	09.63- 12.86	110178	14 36			
LR 109 OP 2.3	[11H]	09.63- 12.86	110178	14 36			
LR 88 DL 2.3 Diesel	[10J, 23J]	09.63- 12.86 09.63- 12.81	110178 111185 113378	14 36 14 43 A47 14 45			

## STARTERS & ALTERNATORS



Range Rover 2.4 Diesel	[11A]	04.86- 12.90	111176	14 75	A47				
Range Rover 2.5 Diesel	[14L]	08.94-	111176	14 75	A47	08.94-	110354	12 3.1	
		08.94-	112021	14 100		08.94-	112439	12 2.2	
	[256T]	07.94-	112021	14 100		07.94-	110441	12 2.1	
						07.94-	112439	12 2.2	
						07.94- 09.02	112533	12 2.2	
Range Rover 2.7 TDVM Sport	[276DT]	02.05-	114704	14 150		02.05-	115642	12 2.0	
Range Rover 3.0 TD V6	[30DDTX]	05.10-	116007*	14 150					
Range Rover 3.0 TD	[30DDTX]	09.09-	116007*	14 150					
Range Rover 3.0 TD 4x4	[306D1]					03.02-	113446	12 2.2	
						03.02-	115506	12 2.0	A49
Range Rover 3.5	[31D]	01.87- 09.90	110891	14 70	A47	01.87- 09.90	111865	12 1.7	
		01.87- 09.90	111362	14 55					
		01.87- 09.90	112238	14 65					
	[V8]	07.70- 01.76	110179	14 36					
		01.72- 01.79	111184	14 43					
Range Rover 3.5 Vogue	[11D]	08.81- 09.90	110891	14 70	A47	08.81- 09.90	111865	12 1.7	
		08.81- 09.90	111362	14 55					
		08.81- 09.90	112238	14 65					
	[24D]	10.85- 09.90	110891	14 70	A47	10.85- 09.90	111865	12 1.7	
		10.85- 09.90	111362	14 55					
[25D]	10.85- 09.90	110891	14 70	A47	10.85- 09.90	111865	12 1.7		
		10.85- 09.90	111362	14 55					
Range Rover 3.6 TD8	[368DT]	04.06-	113990	14 150					
Range Rover 3.9	[37D]	11.88- 07.94	112025#	14 100		11.88-	111865	12 1.7	
	[38D]	11.88- 07.94	112025#	14 100		11.88-	111865	12 1.7	
	[42D]	07.94-	112025#	14 100	▲	07.94-	111865	12 1.7	
		07.94- 03.02	114452	14 150					
Range Rover 3.9 Vogue SEI	[35D]	11.88-	112025#	14 100	▲	11.88-	111865	12 1.7	
	[36D]	11.88-	112025#	14 100	▲	11.88-	111865	12 1.7	
Range Rover 4.0	[42D]	06.98- 03.02	114452	14 150		06.98-	111865	12 1.7	
Range Rover 4.2	[428PS]	05.05-	114491	14 150					
Range Rover 4.2 Sport	[428PS]	02.05-	114491	14 150					
Range Rover 4.3 Vogue LSE	[40D]					09.92-	111865	12 1.7	
Range Rover 4.4	[448PN]	05.05-	112426	14 150					
	[M62B44]	03.02-	112426	14 150		03.02-	115616	12 1.8	
Range Rover 4.4 Sport	[448PN]	02.05-	114491	14 150		02.05-	115822	12 1.8	
Range Rover 4.6	[46D]	07.94- 03.02	114452	14 150		07.94-	111865	12 1.7	
	[60D]	06.98- 03.02	114452	14 150		06.98-	111865	12 1.7	
Range Rover Evoque 2.2 ED4	[224DT]					06.11-	115468	12 2.0	
Range Rover Evoque 2.2 TD TD4	[224DT]					06.11-	115468	12 2.0	
Range Rover I 3.9 4x4		11.88- 12.92	113763	14 85		11.88- 12.92	111865	12 1.7	
Range Rover II 4.6 4x4	[46D]	09.96- 03.02	112025#	14 100		09.96- 03.02	111865	12 1.7	
		09.96- 03.02	114452	14 150					
Range Rover Sport 3.0 TD	[306DT]	08.12-	116007*	14 150					
	[30DDTX]	06.11-	116007*	14 150					
<b>PASSENGER CARS US</b>									
Defender 3.9						01.93- 01.95	111865	12 1.7	
Discovery 3.9		01.94- 01.95	112025#	14 100		01.94- 01.95	111865	12 1.7	
Range Rover 3.5						01.87- 01.88	111865	12 1.7	
Range Rover 3.9						01.89- 01.94	111865	12 1.7	
Range Rover 4.2 LWB						01.93- 01.94	111865	12 1.7	
Range Rover 4.4	[M62]	01.03-	112426	14 150					
Range Rover 4.4 HSE		01.05-	112426	14 150					
<b>PASSENGER CARS AO</b>									
90/110 2.3 4x4		06.84- 08.87	111185	14 43	A47				
90/110 2.3 Diesel 4x4		06.84- 08.87	111185	14 43	A47				
90/110 2.5 Diesel Country 4WD		09.86- 08.88	111176	14 75	A47				
		09.86- 08.88	111185	14 43	A47				
Defender 3.5 4WD	[11D]	09.90- 08.93	110891	14 70	A47				
Freelander 2.2 TD 4x4	[224DT]	10.06-	115671	14 180					
<b>Landini</b>									
<b>AGRICULTURE</b>									
55 2.3	[Perkins]						114840		
55 2.7	[Perkins]		113474	14 65					
60 2.7	[Perkins]		113474	14 65					
60	[Perkins]		113474	14 65					
65 2.7	[Perkins]		113474	14 65					
65 4.0	[Perkins]		113474	14 65			114840		
			114840	14 85					
70 4.0	[Perkins]		113474	14 65					
75 4.0	[Perkins]		114840	14 85					
75 4.2	[Perkins]		113474	14 65					
80 4.0	[Perkins]		113474	14 65					
			114840	14 85					
80 4.2	[Perkins]		113474	14 65					
80	[Perkins]		113474	14 65					
90 4.0	[Perkins]		113474	14 65					
90 4.0	[Perkins]		114840	14 85					
90 4.2	[Perkins]		113474	14 65					
100 4.0	[Perkins]		113474	14 65					
100 4.0 GT	[Perkins]		113474	14 65					
100 4.0	[Perkins]		114840	14 85					
100 4.2	[Perkins]		113474	14 65					
5860 2.7	[Perkins]		113474	14 65					
Various models 4.0	[Perkins]		113474	14 65					
Various models							114107	12 3.2	
							115392	12 4.0	
4.0	[Perkins]		113474	14 65			115536	12 2.8	
	[Perkins]		113474	14 65			115536	12 2.8	
<b>INDUSTRY</b>									
Trekker 4.0	[Perkins]		113474	14 65					
<b>Laverda</b>									
<b>AGRICULTURE</b>									
3400		05.89-	111419	28 55					
3500		05.89-	111419	28 55					

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



## LEVERDA Continued

3790		06.85-	111686	14	65				
3850		01.91-	111686	14	65				
3900		01.83- 12.85	112097	28	30				
L 521		03.92-	111686	14	65				
L 624		03.92-	111686	14	65				
MX 300		03.87- 10.90	112097	28	30				
<b>LDV</b>									
<b>PASSENGER CARS EU</b>									
200 2.0 Diesel		11.86- 12.98	110770	14	55				
		11.86- 12.98	112238	14	65				
400 2.5 TD	[ET70]					11.95-	111125	12	2.2
Convoy 2.5 TDi	[ET70]					10.98-	112251	12	2.3
Maxus 2.5 CDi	[VM39C]	02.05-	114019	14	110 A49	02.05-	114020	12	2.2
		02.05-	116047						
	[VM39C, VM40C]	02.05-	114019	14	110 A49	02.05-	114020	12	2.2
		02.05-	116047						
Maxus 2.5 CRD	[VM39C]	02.05-	114019	14	110 A49				
		02.05-	116047						
Sherpa 1.7	[KB17]	10.78- 12.82	111185	14	43 A47				
Sherpa 1.8	[G18A]	01.84- 09.88	111366	14	45				
		01.87- 09.88	112238	14	65				
Sherpa 1.8 Diesel	[KD18]					03.74- 12.82	110444	12	2.1
Sherpa 2.0	[G20A]	01.84- 09.88	111366	14	45				
		01.84- 09.88	112238	14	65				
Sherpa 2.0 Diesel		01.86- 01.89	110770	14	55				
		01.86- 01.89	112238	14	65				
Sherpa 2.6 Diesel	[K25D]	01.86- 09.88	112238	14	65	01.83- 09.88	112185	12	1.2
Sherpa 3.5		01.83- 09.88	112238	14	65				
		01.83-	111176	14	75 A47				
<b>LDV International</b>									
<b>TRUCKS EU</b>									
6.13		01.80-	111569	28	30	08.88- 09.90	111574	12	2.8
Various models		01.78- 06.84	110179	14	36				
		01.80-	111569	28	30				
<b>Lexus</b>									
<b>PASSENGER CARS EU</b>									
ES 350 3.5	[2GR-FE]					06.12-	114037	12	1.6
GS 400 4.0	[1UZ-FE]					01.98- 11.00	113171	12	2.0
IS 2.2 Diesel	[2AD-FTV]	07.10-	114410	14	130	07.10-	114216	12	2.0
IS 200 2.0	[1G-FE]	04.99-	115790	14	100	04.99-	114223	12	1.0
IS 200 2.0 SportCross	[1G-FE]	10.02-	115790	14	100	10.02-	114223	12	1.0
IS 220 2.2 Diesel	[2AD-FHV]	10.05-	114410	14	130	10.05-	114216	12	2.0
LS 400 4.0	[1UZ-FE]	12.89- 12.94	113085	14	100	12.94- 01.00	113171	12	2.0
		01.93- 12.94	113090	14	100				
RX 300 3.0	[1MZ-FE]					05.03-	114037	12	1.6
RX 300 3.0 V6	[1MZ-FE]					10.00-	112367	12	1.4
RX 350 3.5	[2GR-FE]					02.06-	114342	12	1.2
RX 350 3.5 AWD	[2GR-FE]					04.09-	114342	12	1.2
<b>PASSENGER CARS US</b>									
ES 250 2.5	[2VZ-FE]					01.90- 01.91	111544	12	1.4
ES 300 3.0	[1MZ-FE]					01.94- 01.95	111544	12	1.4
						01.98- 01.01	112367	12	1.4
						01.97- 01.97	113244#	12	1.4
						01.92- 01.93	111544	12	1.4
GS 300 3.0	[2JZ-GE]	01.93- 01.97	113089	14	80				
GS 400 4.0	[1UZ-FE]					01.98- 01.00	113171	12	2.0
GX 470 4.7	[2UZ-FE]					01.03-	114440	12	1.4
LS 400 4.0	[1UZ-FE]	01.90- 01.94	113085	14	100	01.95- 01.00	113171	12	2.0
		01.93- 01.94	113090	14	100				
LX 450 4.5	[1FZ-FE]					01.96- 01.97	113169	12	2.2
LX 470 4.7	[2UZ-FE]	01.98- 01.01	114433	14	80	01.98- 01.01	114440	12	1.4
RX 300 3.0	[1MZ-FE]					01.99- 01.03	112367	12	1.4
RX 330 3.3	[3MZ-FE]					01.04-	114342	12	1.2
RX330 3.3	[3MZ-FE]					01.06-	114342	12	1.2
SC 300 3.0	[2JZ-GE]	01.95- 01.97	113089	14	80				
SC 400 4.0	[1UZ-FE]					01.95- 01.00	113171	12	2.0
<b>Liebherr</b>									
<b>INDUSTRY</b>									
A902 Litronic	[D904TB]						114438	24	5.4
R 961		04.80- 06.90	113470	28	35				
		04.80- 06.90	110766	28	27				
R 971		04.80- 06.90	110766	28	27				
		03.88- 06.90	113470	28	35				
R 981		05.80- 02.88	110641	14	33				
		03.88- 06.90	113470	28	35				
		05.80- 02.88	110766	28	27				
<b>Lincoln</b>									
<b>PASSENGER CARS US</b>									
Aviator 4.6		01.03- 01.03	112942	14	130				
Blackwood 5.4						01.02- 01.02	112608	12	1.4
Continental 2.4 Turbo		01.84- 01.85	110238	14	70				
		01.84- 01.85	112914	14	100				
Continental 3.8 Executive						01.91- 01.94	112584	12	1.4
						01.91- 01.94	112586	12	1.4
Continental 3.8 Signature						01.92-	112584	12	1.4
						01.89- 01.94	112586	12	1.4
Continental 4.6		01.95- 01.02	112942	14	130				
Continental 4.6 Anniversary		01.96- 01.96	112942	14	130				
Continental 4.6 Spinmaker edition		01.96- 01.96	112942	14	130				
Continental 5.0		01.80- 01.87	110237	14	60	01.80- 01.80	110225	12	
		01.80- 01.87	112914	14	100				
Continental 5.0 Givenchy		01.87- 01.87	112914	14	100				
Continental 5.0 Town car		01.81- 01.81	110237	14	60				
		01.81- 01.81	112914	14	100				
Continental 5.8		01.80- 01.80	112914	14	100	01.80- 01.80	110225	12	
		01.80- 01.80	110237	14	60				



Continental 6.6		01.77- 01.79	110237	14	60	01.77- 01.79	110228	12	
		01.77- 01.79	110238	14	70				
Continental 7.0						01.58- 01.65	110226	12	
						01.68- 01.68	110229	12	
Continental 7.5		01.76- 01.78	110237	14	60	01.68- 01.77	110229	12	
		01.76- 01.78	110238	14	70				
Continental 7.6						01.66- 01.67	110226	12	
						01.68- 01.68	110229	12	
LS 3.0		01.01- 01.01	112914	14	100				
LS 3.9		01.01- 01.01	110238	14	70				
Mark 2.4 Turbo		01.84- 01.85	112914	14	100				
Mark 4.6		01.84- 01.85	110238	14	70				
		01.95- 01.98	112943	14	130	01.93- 01.94	112592	12 1.4	
Mark 4.6 LSC						01.97- 01.98	112646	12 1.4	
		01.96- 01.98	112943	14	130	01.97- 01.98	112646	12 1.4	
Mark 5.0						01.95- 01.96	112592	12 1.4	
		01.80- 01.87	112914	14	100	01.90- 01.92	111183	12 1.4	
Mark 5.0 Bill Blass		01.80- 01.87	110237	14	60				
		01.84- 01.87	110238	14	70				
Mark 5.0 LSC		01.87- 01.92	112914	14	100	01.90- 01.92	111183	12 1.4	
		01.87- 01.92	112914	14	100	01.90- 01.92	111183	12 1.4	
Mark 5.8		01.80- 01.80	112914	14	100	01.80- 01.80	110225	12	
		01.80- 01.80	110237	14	60				
Mark 6.6		01.77- 01.79	110237	14	60	01.77- 01.79	110228	12	
		01.77- 01.79	110238	14	70				
Mark 7.5		01.72- 01.78	110238	14	70	01.68- 01.78	110229	12	
		01.72- 01.78	110237	14	60				
Mark 7.6						01.68- 01.68	110229	12	
						01.98- 01.98	112646	12 1.4	
Navigator 5.4						01.99- 01.02	112608	12 1.4	
		01.99- 01.00	112942	14	130				
Town Car 4.6		01.99- 01.00	112947	14	135				
		01.99- 01.00	112947	14	135				
Town Car 4.6 Anniversary						01.96- 01.96	112646	12 1.4	
Town Car 4.6 Cartier		01.91- 01.95	112921	14	95	01.96- 01.02	112646	12 1.4	
		01.93- 01.95	112932	14	130	01.92- 01.92	112592	12 1.4	
		01.92- 01.95	112927	14	130				
		01.00- 01.02	112942	14	130				
		01.98- 01.02	112947	14	135				
Town Car 4.6 Executive		01.92- 01.95	112927	14	130	01.96- 01.02	112646	12 1.4	
		01.91- 01.95	112921	14	95	01.92- 01.95	112592	12 1.4	
		01.98- 01.02	112947	14	135				
		01.01- 01.02	112942	14	130				
		01.93- 01.95	112932	14	130				
Town Car 4.6 Jack Nicklaus		01.93- 01.93	112921	14	95	01.93- 01.93	112592	12 1.4	
		01.93- 01.93	112932	14	130				
		01.93- 01.93	112927	14	130				
Town Car 4.6 Signature		01.91- 01.95	112921	14	95	01.96- 01.02	112646	12 1.4	
		01.92- 01.95	112927	14	130	01.92- 01.95	112592	12 1.4	
		01.98- 01.02	112947	14	135				
		01.00- 01.02	112942	14	130				
		01.93- 01.95	112932	14	130				
Town Car 4.6 Touring Edition					01.97- 01.97	112646	12 1.4		
Town Car 4.6 Tournament Edition		01.94- 01.94	112932	14	130	01.94- 01.94	112592	12 1.4	
		01.94- 01.94	112921	14	95				
		01.94- 01.94	112927	14	130				
Town Car 5.0		01.82- 01.89	110237	14	60	01.90- 01.92	111183	12 1.4	
		01.82- 01.89	112914	14	100				
		01.90- 01.90	112835	14	65				
Town Car 5.0 Cartier		01.87- 01.90	112914	14	100				
		01.87- 01.90	112835	14	65				
Town Car 5.0 Signature		01.87- 01.90	112835	14	65				
		01.87- 01.90	112914	14	100				
Town Car 5.0 Signature SE		01.89- 01.89	112914	14	100				
		01.89- 01.89	112835	14	65				
		01.89- 01.89	112835	14	65				
Versailles 5.0		01.77- 01.80	110237	14	60	01.77- 01.80	110225	12	
		01.77- 01.80	110238	14	70				
Versailles 5.8		01.77- 01.77	110237	14	60	01.77- 01.77	110225	12	
		01.77- 01.77	110238	14	70				
<b>Linde</b>									
<b>FORK LIFTS</b>									
H 20 25 30	[F3L913]	11.84- 08.88	110641	14	33				
H 35 40	[F4L 912]	06.81- 08.88	110641	14	33		112555	12 3.1	
H 70	[F6L912]	06.81- 08.88	110641	14	33		112555	12 3.1	
H50D	[TCD2012L04-2V]		114783	14	95				
<b>Lister</b>									
<b>AGRICULTURE</b>									
Various models							115447*	24	8.0
							115572	12	2.1
<b>MARINE</b>									
Various models			113713	14	80	01.88- 01.86- 01.88	112545	12 1.4	
						112143			
						113459	12 2.0		
						112390	12 1.0		
<b>MOTORS</b>									
Various models			113713	14	80		115572	12 2.1	
<b>Lombardini</b>									
<b>AGRICULTURE</b>									
Various models 0.3 [IM..]							01.75-	115423	12 3.0
Various models 1.7							02.82- 11.86	111662	14 33
<b>MARINE</b>									
Various models			07.68- 12.80	110060			115816	12 1.4	
			06.71- 12.79	111662	14 33				
<b>MOTORS</b>									
Various models 0.5 [3LD..]						01.82- 02.92	112034	12 1.7	
						03.92-	112171	12 1.1	
Various models 0.5 Diesel [LDW502]						06.89-	111015	12 1.1	

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





**LOMBARDINI** *Continued*

Various models 0.6 Diesel	[LDW602]					06.89-	111015	12	1.1
Various models 0.7 Diesel	[8LD740.2]	05.83-	111662	14	33	03.92-	112172	12	1.6
Various models 0.8 Diesel	[10LD400.2]	01.84-	111662	14	33	05.83- 11.84	112034	12	1.7
Various models 0.9 Diesel	[12LD435.2]	06.87-	111662	14	33	06.87-	112034	12	1.7
	[LDW903]					06.89-	111015	12	1.1
Various models 1.1 Diesel	[9LD561.2]	01.84-	111662	14	33	03.92-	112172	12	1.6
Various models 1.2 Diesel	[LDW1204]					06.89-	111015	12	1.1
Various models 1.3 Diesel	[5LD675.2]	01.69- 12.90	111662	14	33				
	[9LD625.2]	06.87-	111662	14	33	06.87-	112172	12	1.6
	[LDW1303]					05.93-	114053	12	2.0
Various models 1.6 Diesel	[11LD535.3]	04.84-	111662	14	33				
	[LDW1503]					06.89- 05.93	110844	12	2.2
						05.93-	114053	12	2.0
Various models 1.7 Diesel	[5LD825.2]	11.86-	111662	14	33				
Various models 1.9 Diesel	[11LD625.3]	04.84-	111662	14	33	04.84-	112039	12	2.7
						04.84-	114478	24	3.2
	[11LD626.3]	01.89-	111662	14	33				
Various models 2.0 Diesel	[5LD675.3]	01.69- 12.90	111662	14	33				
Various models 2.1 Diesel	[LDW2004]					01.90- 04.96	110844	12	2.2
						01.90-	114053	12	2.0
Various models 2.5		02.82- 11.86	111662	14	33				
Various models 2.5 Diesel	[5LD825.3]	11.86-	111662	14	33				
Various models 2.7 Diesel	[5LD825.3T]	01.87-	111662	14	33				
Various models 2.8 Diesel	[5LD930.3]	04.83-	111662	14	33				
Various models 3.0 Diesel	[5LD825.4]	11.86-	111662	14	33				
Various models 3.3		02.82- 11.86	111662	14	33				
Various models 3.7 Diesel	[5LD930.4]	04.83-	111662	14	33				
Various models	[6LD..]					01.82- 02.92	112034	12	1.7
						03.92-	112171	12	1.1
Various models		02.82-	111662	14	33				
			113533	14	65	12.76- 01.84	111015	12	1.1
							113268	12	1.6
							112171	12	1.1
							115344	12	2.3
							115329	12	1.2
							114105	12	1.1
							113706	12	1.1
							114052	12	1.1
							113307	12	1.2
							115423	12	3.0
							115816	12	1.4

**Long**

**AGRICULTURE**

350 2.3	[Fiat]					05.74- 12.89	110640	12	3.0
445 2.3	[Fiat]					05.74- 12.89	110640	12	3.0
550 3.1	[Fiat]					05.74- 12.89	110640	12	3.0

**Lotus**

**PASSENGER CARS US**

Eclat 2.0	[907]	01.76- 01.79	110178	14	36				
		01.76- 01.79	111185	14	43	A47			
Eclat 2.0 Sprint	[907]	01.76-	111185	14	43	A47			
Elan 1.6		01.69- 01.71	110178	14	36		01.69- 01.73	111102	12
		01.72- 01.73	110179	14	36				
Elan 1.6 2							01.68- 01.73	111102	12
Elan 1.6 2S		01.69- 01.70	110178	14	36		01.69- 01.70	111102	12
Elan 1.6 2S 130		01.72- 01.73	110179	14	36		01.72- 01.73	111102	12
Elan 1.6 S4							01.68- 01.71	111102	12
Elan 1.6 Sprint		01.71- 01.73	110178	14	36		01.71- 01.73	111102	12
Elise 1.2							01.61- 01.65	111102	12
Elise 2.0	[907]	01.76- 01.79	110178	14	36				
Esprit 2.0	[907]	01.76- 01.79	110178	14	36				
		01.76- 01.79	111185	14	43	A47			
Esprit 2.2		01.80- 01.84	110178	14	36				
		01.80- 01.84	111185	14	43	A47			
Esprit 2.2 Turbo	[910]	01.83- 01.84	110178	14	36				
		01.83- 01.84	111185	14	43	A47			
		01.81- 01.82	111185	14	43	A47			
		01.81- 01.82	110178	14	36				
Europa 1.6		01.69- 01.71	110179	14	36				
		01.69- 01.71	110178	14	36				
Europa 1.6 S2		01.69- 01.70	110179	14	36				
		01.69- 01.70	110178	14	36				
Europa 1.6 Special		01.72-	110179	14	36				
Europa 1.6 Twin		01.72-	110179	14	36				
Super Seven 1.1							01.61- 01.61	111102	12
Super Seven 1.3							01.62- 01.68	111102	12
Super Seven 1.5							01.62- 01.68	111102	12

**Mack**

**TRUCKS US**

Various models			115793	14	130		01.99	114416	24
		01.99- 01.07	112824	14	145		01.00- 01.03	113550	12
		01.88- 01.99	112995	14	145		01.84- 01.07	112089	12
		01.88- 01.99	112996	14	115				
		01.88- 12.99	113432	14	145				
		01.99- 01.07	113579	14	145				
Various models		01.95- 12.99	112996	14	115		01.84- 01.94	112089	12
		01.86- 01.01	112989	14	60			110409	12
								110436	12

**Magirus-Deutz**

**TRUCKS EU**

Various models		01.75- 04.80	110766	28	27				
		Eng.: F10L413F 05.78- 07.82	110117	28	35				

**Mahindra**

**AGRICULTURE**

Various models		Tractor.	113683	14	36			113670	12
								112163	12



MAN									
TRUCKS EU									
6.100 4.6	(G 90)[D0824GF]	04.92- 10.93	110761#	28 35		09.87- 10.93	111640	24 4.0	
						09.87- 10.93	113468	24 4.0	
	(G 90)[D0824GF01]	04.92- 10.93	110761#	28 35		09.87- 10.93	111640	24 4.0	
7.150 4.6	(G 90)[D0824GF02]	04.92- 10.93	110761#	28 35		09.87- 10.93	111640	24 4.0	
						09.87- 10.93	113468	24 4.0	
	(TGL)[D0834LFL40]	04.05- 04.05- 04.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49		04.05- 04.05- 04.05-	114001 115891	24 4.0 24 5.0 A49	
7.180 4.6	(TGL)[D0834LFL50]	04.05- 04.05- 04.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49		04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49	
						04.05-	115891	24 5.0 A49	
	(TGL)[D0834LFL41]	04.05- 04.05- 04.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49		04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49	
7.220 4.6	(TGL)[D0834LFL51]	04.05- 04.05- 04.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49		04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49	
						04.05-	115891	24 5.0 A49	
	(TGL)[D0834LFL62]	04.05- 04.05- 04.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49		04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49	
8.100 4.6	(TGL)[D0834LFL65]	04.05- 04.05- 04.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49		04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49	
						04.05-	115891	24 5.0 A49	
	(G 90)[D0824GF]	04.92- 10.93	110761#	28 35		09.87- 10.93	111640	24 4.0	
8.103 4.6	(G 90)[D0824GF01]	04.92- 10.93	110761#	28 35		09.87- 10.93	113468	24 4.0	
						09.87- 10.93	111640	24 4.0	
	(G 90)[D0824GF02]	04.92- 10.93	110761#	28 35		09.87- 10.93	113468	24 4.0	
8.113 4.6						09.87- 10.93	111640	24 4.0	
	(L 2000)[D0824FL01]	10.93- 06.96 10.93- 06.96 10.93- 06.96	110895 112159 113920	28 55 28 80 28 35		10.93- 06.96 10.93- 06.96 10.93- 06.96	112446 113759	24 4.0 24 4.0	
	(L 2000)[D0824FL04]	08.95- 08.95- 08.95- 03.97	110895 112159 113920	28 55 28 80 28 35		08.95- 08.95- 08.95-	111640 112446 113468	24 4.0 24 4.0 24 4.0	
8.136 5.7	(L 2000)[D0824FL08]	09.00- 09.00- 03.97- 09.01	110895 112159 113920	28 55 28 80 28 35					
						10.79- 08.88 10.79- 08.88	111640 113468	24 4.0 24 4.0	
	(G)[D0226MF]								
8.145 4.6	(L 2000)[D0834LFL02]	07.01- 08.02 07.01- 08.02	113289 113295	28 90 28 55		07.01- 08.02 09.00-	112446 113759	24 4.0 24 4.0	
	(L 2000)[D0824LFO]	02.95- 02.95- 02.95- 07.98	110895 112159 113920	28 55 28 80 28 35		02.95- 05.00- 02.95- 02.95-	111640 112446 113468 113759	24 4.0 24 4.0 24 4.0 24 4.0	
8.150 4.6	(TGL)[D0834LFL40]	04.05- 04.05- 04.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49		04.05- 04.05- 04.05-	114001 115891	24 4.0 24 5.0 A49	
	(TGL)[D0834LFL50]	04.05- 10.06- 10.06-	113998 115486 115492	28 110 28 80 A49 28 110 A49		04.05- 04.05- 04.05-	114001 114376 115513	24 4.0 24 4.0 24 4.0 A49	
8.150 5.7						04.05-	115891	24 5.0 A49	
	(G 90)[D0226MF]	04.92- 10.93	110761#	28 35		05.90- 10.93 05.90- 10.93	111640 113468	24 4.0 24 4.0	
8.150 6.9	(G 90)[D0826GF]	04.92- 10.93	110761#	28 35		09.87- 05.95 09.87- 05.95 09.87- 05.95 09.87- 05.95	111640 112446 113468 113759	24 4.0 24 4.0 24 4.0 24 4.0	
	(G 90)[D0826GF01]	04.92- 10.93	110761#	28 35		07.88- 10.93 07.88- 10.93 07.88- 10.93 07.88- 10.93	111640 112446 113468 113759	24 4.0 24 4.0 24 4.0 24 4.0	
8.153 4.6	(G 90)[D0826GF03]	05.88- 05.95	110895	28 55		09.87- 05.95 09.87- 05.95 09.87- 05.95 09.87- 05.95	111640 112446 113468 113759	24 4.0 24 4.0 24 4.0 24 4.0	
	(L 2000)[D0824LFL01]	10.93- 06.96 10.93- 06.96 08.94- 06.96	110895 112159 113920	28 55 28 80 28 35		10.93- 09.96 10.93- 07.97 10.93- 07.97 10.93- 07.97	112446 113759 11640 113468	24 4.0 24 4.0 24 4.0 24 4.0	
8.163 4.6	(L 2000)[D0824LFL05]	01.95- 07.97 01.95- 07.97 01.95- 07.97	110895 112159 113920	28 55 28 80 28 35		01.95- 07.97 10.93- 07.97	112446 113759	24 4.0 24 4.0	
	(L 2000)[D0824LFL02]	05.94- 05.94- 05.94- 09.01	110895 112159 113920	28 55 28 80 28 35		05.94- 05.94- 01.95 05.94-	111640 112446 113468	24 4.0 24 4.0 24 4.0	
8.163 4.6	(L 2000)[D0824LFL06]	05.94- 05.94- 05.94- 03.97	110895 112159 113920	28 55 28 80 28 35		05.94- 05.94- 03.97 05.94-	111640 112446 113468	24 4.0 24 4.0 24 4.0	
	(L 2000)[D0824LFL07]	08.95- 03.97 08.95- 03.97 08.95- 03.01	110895 112159 113920	28 55 28 80 28 35		08.95- 03.97 08.95- 03.97 08.95- 09.99 08.95- 01.00	111640 112446 113759 113468	24 4.0 24 4.0 24 4.0 24 4.0	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MAN Continued

	(L 2000)[D0824LFL09]	05.94- 05.94- 05.94- 09.02	110895 112159 113920	28 55 28 80 28 35	05.94- 09.99 05.94- 05.94- 01.00 05.94-	111640 112446 113468 113759	24 4.0 24 4.0 24 4.0 24 4.0
8.170 5.7	(G 90)[D0226MCFO/170]	02.89- 10.93 02.89- 10.93 04.92- 10.93	110895 111146 110761#	28 55 28 55 28 35	02.89- 10.93	113468	24 4.0
8.180 4.6	(TGL)[D0834LFL41]	04.05- 04.05- 09.06 04.05- 09.06	113998 115486 115492	28 110 28 80 A49 28 110 A49	04.05- 04.05- 04.05- 04.05-	114001 114376 115513 115891	24 4.0 24 4.0 24 4.0 A49 24 5.0 A49
	(TGL)[D0834LFL51]	04.05- 04.05- 09.06 04.05- 09.06	113998 115486 115492	28 110 28 80 A49 28 110 A49	04.05- 04.05- 04.05- 04.05-	114001 114376 115513 115891	24 4.0 24 4.0 24 4.0 A49 24 5.0 A49
	(TGL)[D0834LFL54]	04.05- 04.05- 09.06 04.05- 09.06	113998 115486 115492	28 110 28 80 A49 28 110 A49	04.05- 04.05- 04.05- 04.05-	114001 114376 115513 115891	24 4.0 24 4.0 24 4.0 A49 24 5.0 A49
	(TGL)[D0834LFL64]	04.05- 04.05- 09.06 04.05- 09.06	113998 115486 115492	28 110 28 80 A49 28 110 A49	04.05- 04.05- 04.05- 04.05-	114001 114376 115513 115891	24 4.0 24 4.0 24 4.0 A49 24 5.0 A49
	(TGL)[D0834LFL67]	04.05- 04.05- 09.06 04.05- 09.06	113998 115486 115492	28 110 28 80 A49 28 110 A49	04.05- 04.05- 04.05- 04.05-	114001 114376 115513 115891	24 4.0 24 4.0 24 4.0 A49 24 5.0 A49
8.185 4.6	(L 2000)[D0834LFL03]	09.00- 09.00- 09.00- 08.02 09.00- 08.02 09.00-	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35	09.00- 09.00- 08.02 09.00-	110206 112446 113759	24 5.4 24 4.0 24 4.0
8.210 4.6	(TGL)[D0834LFL42]	04.05- 04.05- 04.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49	04.05- 04.05- 04.05- 04.05-	114001 114376 115513 115891	24 4.0 24 4.0 24 4.0 A49 24 5.0 A49
8.220 4.6	(TGL)[D0834LFL65]	04.05- 04.05- 04.05- 04.05-	114007* 115486 115492 113998	28 80 28 80 A49 28 110 A49 28 110			
8.220 6.9	(L 2000)[D0826LFL03]	04.95- 04.95- 04.95- 09.01	110895 112159 113920	28 55 28 80 28 35	04.95- 04.95- 04.95-	111640 113468 113759	24 4.0 24 4.0 24 4.0
8.223 6.9	(L 2000)[D0826LFL02]	10.93- 06.96 10.93- 06.96 10.93- 06.96 10.93- 06.96	110761# 110895 112159 113920	28 35 28 55 28 80 28 35	10.93- 06.96 10.93- 06.96 10.93- 06.96	111640 113468 113759	24 4.0 24 4.0 24 4.0
	(L 2000)[D0826LFL06]	10.93- 12.93 10.93- 06.96 05.94- 06.96 05.94- 06.96	110761# 113920 110895 112159	28 35 28 35 28 55 28 80	05.94- 06.96 10.93- 06.96 10.93- 06.96 10.93- 06.96	111640 110206 113468 113759	24 4.0 24 5.4 24 4.0 24 4.0
8.224 6.9	(L 2000)[D0826LFL03]	05.94- 05.94- 05.94- 09.01	110895 112159 113920	28 55 28 80 28 35	05.94- 09.99 05.94- 05.94- 01.00 05.94-	111640 112446 113468 113759	24 4.0 24 4.0 24 4.0 24 4.0
8.225 6.9	(L 2000)[D0826LFL10]	07.01- 08.02 07.01- 08.02	113289 113295	28 90 28 55	07.01- 08.02 09.00-	112446 113759	24 4.0 24 4.0
	(L 2000)[D0836LFL02]	07.01- 08.02 07.01- 08.02	113289 113295	28 90 28 55	07.01- 08.02 09.00-	112446 113759	24 4.0 24 4.0
8.240 6.9	(TGL)[D0836LFL40]	04.05- 04.05- 04.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49	04.05- 04.05- 04.05- 04.05-	114001 114376 115513 115891	24 4.0 24 4.0 24 4.0 A49 24 5.0 A49
8.250 6.9	(TGL)[D0836LFL63]	04.05- 04.05- 04.05- 04.05-	114007* 115486 115492 113998	28 80 28 80 A49 28 110 A49 28 110			
9.136 5.7	(G)[D0226MF]				10.79- 08.88 10.79- 08.88	111640 113468	24 4.0 24 4.0
9.145 4.6	(L 2000)[D0834LFL02]	09.00- 07.01- 07.01-	111146 113289 113295	28 55 28 90 28 55	09.00- 09.00- 07.01-	113468 113759 112446	24 4.0 24 4.0 24 4.0
9.150 5.7	(G 90)[D0226MF/Silent]	04.92- 10.93	110761#	28 35	05.90- 10.93 05.90- 10.93	111640 113468	24 4.0 24 4.0
9.150 6.9	(G 90)[D0826GF]	04.92- 10.93	110761#	28 35	09.87- 10.93 09.87- 10.93 09.87- 10.93 09.87- 10.93	111640 112446 113468 113759	24 4.0 24 4.0 24 4.0 24 4.0
	(G 90)[D0826GF01]	04.92- 10.93	110761#	28 35	07.88- 10.93 07.88- 10.93 07.88- 10.93 07.88- 10.93	111640 112446 113468 113759	24 4.0 24 4.0 24 4.0 24 4.0
	(G 90)[D0826GF03]	10.92- 05.95	110895	28 55	09.87- 05.95 09.87- 05.95 09.87- 05.95 09.87- 10.93	111640 112446 113468 113759	24 4.0 24 4.0 24 4.0 24 4.0
9.153 4.6	(L 2000)[D0824LFL01]	10.93- 12.95 10.93- 12.95 08.94- 12.95	110895 112159 113920	28 55 28 80 28 35	10.93- 06.96 10.93- 12.95 10.93- 12.95 10.93- 01.95	113759 111640 113468 112446	24 4.0 24 4.0 24 4.0 24 4.0
	(L 2000)[D0824LFL05]	08.95- 06.96 08.95- 06.96 08.95- 06.96	110895 112159 113920	28 55 28 80 28 35	08.95- 06.96 08.95- 06.96 10.93- 06.96 08.95- 06.96	111640 113468 113759 112446	24 4.0 24 4.0 24 4.0 24 4.0

## STARTERS & ALTERNATORS



9.163 4.6	(L 2000)[D0824LFL02]	05.94-	110895	28 55	05.94-	111640	24 4.0	
		05.94-	112159	28 80	05.94-	113468	24 4.0	
		08.94- 12.95	113920	28 35	05.94-	113759	24 4.0	
	(L 2000)[D0824LFL06]	05.94-	110895	28 55	05.94-	111640	24 4.0	
		05.94-	112159	28 80	05.94-	113468	24 4.0	
		05.94- 03.97	113920	28 35	05.94-	113759	24 4.0	
	(L 2000)[D0824LFL07]	08.95- 03.97	110895	28 55	08.95- 03.97	112446	24 4.0	
		08.95- 03.97	112159	28 80	08.95- 03.97	113759	24 4.0	
		08.95- 03.97	113920	28 35				
	(L 2000)[D0824LFL09]	03.97-	110895	28 55	03.97- 09.99	111640	24 4.0	
		03.97-	112159	28 80	02.00-	112446	24 4.0	
		03.97- 09.01	113920	28 35	03.97- 01.00	113468	24 4.0	
				05.94-	113759	24 4.0		
9.170 5.7	(G 90)[D0226MCF0/170]	02.89- 10.93	110895	28 55	02.89- 10.93	113468	24 4.0	
		02.89- 10.93	111146	28 55				
		04.92- 10.93	110761#	28 35	02.89- 10.93	111640	24 4.0	
9.185 4.6	(L 2000)[D0834LFL03]	09.00- 08.02	113289	28 90	09.00- 08.02	112446	24 4.0	
		09.00- 08.02	113295	28 55	09.00-	113759	24 4.0	
9.223 6.9	(L 2000)[D0826LFL02]	05.94- 06.96	110895	28 55	10.93- 06.96	111640	24 4.0	
		05.94- 06.96	112159	28 80	10.93- 06.96	113468	24 4.0	
		05.94- 06.96	113920	28 35	10.93- 06.96	113759	24 4.0	
	(L 2000)[D0826LFL06]	05.94- 06.96	110895	28 55	05.94- 06.96	111640	24 4.0	
		05.94- 06.96	112159	28 80	10.93- 06.96	113759	24 4.0	
		05.94- 06.96	113920	28 35				
9.224 6.9	(L 2000)[D0826LFL03]	05.94- 09.01	110895	28 55	05.94- 09.01	111640	24 4.0	
		05.94- 09.01	112159	28 80	02.00- 09.01	112446	24 4.0	
		08.94- 09.01	113920	28 35	05.94-	113759	24 4.0	
					05.94- 01.00	113468	24 4.0	
9.225 6.9	(L 2000)[D0836LFL02]	07.01- 08.02	113289	28 90	07.01- 08.02	112446	24 4.0	
		07.01- 08.02	113295	28 55	05.94-	113759	24 4.0	
10.136 5.7	(G)[D0226MF]				09.81- 09.87	111640	24 4.0	
					09.81- 09.87	113468	24 4.0	
10.145 4.6	(L 2000)[D0834LFL02]	09.00-	113289	28 90	09.00-	112446	24 4.0	
		09.00-	113295	28 55	09.00-	113759	24 4.0	
10.150 4.6	(L 2000)[D0824LFO]	02.95- 01.96	110895	28 55	02.95- 01.96	111640	24 4.0	
		02.95- 01.96	112159	28 80	02.95- 01.96	112446	24 4.0	
		02.95- 01.96	113920	28 35	02.95- 01.96	113468	24 4.0	
					02.95- 01.09	113759	24 4.0	
10.150 5.7	(G 90)[D0226MF/Silent]	04.92- 10.93	110761#	28 35	05.90- 10.93	111640	24 4.0	
					05.90- 10.93	113468	24 4.0	
10.150 6.9	(G 90)[D0826GF01]	04.92- 10.93	110761#	28 35	09.87- 10.93	111640	24 4.0	
					09.87- 10.93	112446	24 4.0	
					09.87- 10.93	113468	24 4.0	
					09.87- 10.93	113759	24 4.0	
	(G 90)[D0826GF03]	10.92- 10.93	110895	28 55	09.87- 10.93	111640	24 4.0	
					09.87- 10.93	112446	24 4.0	
					09.87- 10.93	113468	24 4.0	
					09.87- 10.93	113759	24 4.0	
	[D0826OH02]	01.88- 05.92	111842	28 140				
10.153 4.6	(L 2000)[D0824LFL01]	10.93- 06.96	110895	28 55	10.93- 06.96	112446	24 4.0	
		10.93- 06.96	112159	28 80	10.93- 06.96	113759	24 4.0	
		08.94- 06.96	113920	28 35	10.93- 06.96	113468	24 4.0	
	(L 2000)[D0824LFL05]	10.93- 06.96	110895	28 55	10.93- 06.96	112446	24 4.0	
		10.93- 06.96	112159	28 80	10.93- 06.96	113759	24 4.0	
		08.94- 06.96	113920	28 35				
10.163 4.6	(L 2000)[D0824LFL02]	05.94-	110895	28 55	05.94-	111640	24 4.0	
		05.94-	112159	28 80	01.95-	112446	24 4.0	
		05.94- 12.95	113920	28 35	05.94-	113468	24 4.0	
	(L 2000)[D0824LFL06]	05.94-	110895	28 55	05.94-	111640	24 4.0	
		05.94-	112159	28 80	01.95-	112446	24 4.0	
		05.94- 03.97	113920	28 35	05.94-	113468	24 4.0	
	(L 2000)[D0824LFL09]	03.00- 09.01	113920	28 35	03.97- 09.99	111640	24 4.0	
		03.97- 09.01	110895	28 55	02.00- 09.01	112446	24 4.0	
		03.97- 09.01	112159	28 80	05.94-	113759	24 4.0	
	10.180 4.6	(TGL)[D0834LFL41]	04.05-	113998	28 110	04.05-	114001	24 4.0
			04.05-	115486	28 80 A49	04.05-	114376	24 4.0
			04.05-	115492	28 110 A49	04.05-	115513	24 4.0 A49
(TGL)[D0834LFL51]		04.05-	113998	28 110	04.05-	115891	24 5.0 A49	
		04.05-	115486	28 80 A49	04.05-	114001	24 4.0	
		04.05-	115492	28 110 A49	04.05-	114376	24 4.0	
				04.05-	115513	24 4.0 A49		
				04.05-	115891	24 5.0 A49		
10.180 6.9		[D0826OH02]	01.88- 05.92	111842	28 140			
10.185 4.6		(L 2000)[D0834LFL03]	09.00- 08.02	113289	28 90	09.00- 08.02	112446	24 4.0
	09.00- 08.02		113295	28 55	09.00-	113795	12 1.0	
					09.00-	113759	24 4.0	
10.210 4.6	(TGL)[D0834LFL42]	04.05-	113998	28 110	04.05-	114001	24 4.0	
		04.05-	115486	28 80 A49	04.05-	114376	24 4.0	
		04.05-	115492	28 110 A49	04.05-	115513	24 4.0 A49	
					04.05-	115891	24 5.0 A49	
10.220 4.6	(TGL)[D0834LFL65]	04.05-	114007*	28 80				
		04.05-	115486	28 80 A49				
		04.05-	115492	28 110 A49				
		04.05-	113998	28 110				
10.220 6.9	(L 2000)[D0826LFL03]	02.95-	110895	28 55	02.95-	111640	24 4.0	
		02.95-	112159	28 80	05.00-	112446	24 4.0	
		02.95- 02.01	113920	28 35	02.95-	113468	24 4.0	
					02.95-	113759	24 4.0	
10.223 6.9	(L 2000)[D0826LFL02]	05.94- 06.96	110895	28 55	10.93- 06.96	110206	24 5.4	
		05.94- 06.96	112159	28 80	10.93- 06.96	113759	24 4.0	
		08.94- 06.96	113920	28 35				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

MAN Continued

	(L 2000)[D0826LFL06]	05.94- 06.96	110895	28 55	05.94- 06.96	111640	24 4.0
		05.94- 06.96	112159	28 80	10.93- 06.96	113759	24 4.0
		08.94- 06.96	113920	28 35	10.93- 06.96	113468	24 4.0
10.224 6.9	(L 2000)[D0826LFL03]	05.94-	110895	28 55	05.94- 09.99	111640	24 4.0
		05.94-	112159	28 80	02.00-	112446	24 4.0
		08.94- 02.01	113920	28 35	05.94- 01.00	113468	24 4.0
					05.94-	113759	24 4.0
10.225 6.9	(L 2000)[D0836LFL02]	09.00- 08.02	113289	28 90	09.00-	113468	24 4.0
		09.00- 08.02	113295	28 55	07.01- 08.02	112446	24 4.0
					09.00-	113759	24 4.0
10.240 6.9	(TGL)[D0836LFL40]	04.05-	113998	28 110	04.05-	114001	24 4.0
		04.05-	115486	28 80 A49	04.05-	114376	24 4.0
		04.05-	115492	28 110 A49	04.05-	115513	24 4.0 A49
					04.05-	115891	24 5.0 A49
					04.05-	115894	24 5.5 A49
10.250 6.9	(TGL)[D0836LFL63]	04.05-	114007*	28 80			
		04.05-	115486	28 80 A49			
		04.05-	115492	28 110 A49			
		04.05-	113998	28 110			
11.190 6.9	[D0826LOH06]	03.93- 09.96	111842	28 140			
11.220 6.9	[D0826LOH15]	11.95- 12.00	111842	28 140			
12.152 6.9	(M 90)[D0826F01]	12.88- 05.94	111146	28 55	12.88- 05.94	113468	24 4.0
		10.92- 05.94	110895	28 55	12.88- 05.94	111640	24 4.0
	(M 90)[D0826F02]	10.92- 05.94	110895	28 55	12.88- 05.94	111640	24 4.0
		10.92- 05.94	111141	14 55	12.88- 05.94	113468	24 4.0
12.163 4.6	(M 2000 L)[D0824LFL06]	08.95- 08.01	110895	28 55	08.95- 08.01	112446	24 4.0
		08.95- 08.01	112159	28 80	08.95-	113468	24 4.0
		08.95- 08.01	113920	28 35	08.95-	113759	24 4.0
	(M 2000 L)[D0824LFL09]	08.95- 08.01	110895	28 55	08.95- 08.01	112446	24 4.0
		08.95- 08.01	112159	28 80	08.95-	113468	24 4.0
		08.95- 08.01	113920	28 35	08.95-	113759	24 4.0
12.180 4.6	(TGL)[D0834LFL41]	04.05-	113998	28 110	04.05-	114001	24 4.0
		04.05-	115486	28 80 A49	04.05-	114376	24 4.0
		04.05-	115492	28 110 A49	04.05-	115513	24 4.0 A49
					04.05-	115891	24 5.0 A49
	(TGL)[D0834LFL51]	04.05-	113998	28 110	04.05-	114001	24 4.0
		04.05-	115486	28 80 A49	04.05-	114376	24 4.0
		04.05-	115492	28 110 A49	04.05-	115513	24 4.0 A49
					04.05-	115891	24 5.0 A49
12.185 4.6	(L 2000)[D0834LFL03]	07.01-	113289	28 90	07.01-	112446	24 4.0
		07.01-	113295	28 55	09.99-	113759	24 4.0
12.192 6.9	(M 90)[D0826LFL01]	04.83-	110116	28 35	07.90- 06.96	111640	24 4.0
		04.83-	111146	28 55			
		07.90- 06.96	110895	28 55	07.90- 06.96	113468	24 4.0
		07.90- 06.96	111141	14 55	07.90- 06.96	113759	24 4.0
		07.90- 06.96	112159	28 80			
		05.94- 06.96	113920	28 35			
	(M 90)[D0826LFL05]	04.83-	110116	28 35	07.90- 06.96	111640	24 4.0
		04.83-	111146	28 55			
		07.90- 06.96	110895	28 55	07.90- 06.96	113468	24 4.0
		07.90- 06.96	111141	14 55	07.90- 06.96	113759	24 4.0
		07.90- 06.96	112159	28 80			
	(M 90)[D0826LFL07]	04.83-	110116	28 35	07.90- 06.96	111640	24 4.0
		04.83-	111146	28 55			
		07.90- 06.96	110895	28 55	07.90- 06.96	113468	24 4.0
		07.90- 06.96	111141	14 55	07.90- 06.96	113759	24 4.0
		07.90- 06.96	112159	28 80			
		05.94- 06.96	113920	28 35			
12.210 4.6	(TGL)[D0834LFL42]	04.05-	113998	28 110	04.05-	114001	24 4.0
		04.05-	115486	28 80 A49	04.05-	114376	24 4.0
		04.05-	115492	28 110 A49	04.05-	115513	24 4.0 A49
					04.05-	115891	24 5.0 A49
12.220 4.6	(TGL)[D0834LFL65]	04.05-	115492	28 110 A49			
		04.05-	113998	28 110			
12.222 6.9	(M 90)[D0826LFL11]	05.94- 06.96	110895	28 55	05.94- 06.96	111640	24 4.0
		05.94- 06.96	111141	14 55	05.94- 06.96	113468	24 4.0
		05.94- 06.96	112159	28 80	05.94- 06.96	113759	24 4.0
		05.94- 06.96	113920	28 35			
12.224 6.9	(M 2000 L)[D0826LFL03]	08.95- 09.01	110895	28 55	08.95- 09.01	111640	24 4.0
		08.95- 09.01	112159	28 80	08.95-	113468	24 4.0
		08.95- 09.01	113920	28 35	08.95-	113759	24 4.0
	(M 2000 L)[D0826LFL10]	08.95- 09.01	110895	28 55	08.95- 09.01	111640	24 4.0
		08.95- 09.01	112159	28 80	02.00- 09.01	112446	24 4.0
		08.95- 09.01	113920	28 35	08.95-	113468	24 4.0
					08.95-	113759	24 4.0
12.225 6.9	(M 2000 M)[D0836LFL04]	02.03-	113289	28 90	02.03-	112446	24 4.0
		02.03-	113295	28 55	02.03-	113759	24 4.0
	(L 2000)[D0836LFL02]	07.01-	113289	28 90	07.01-	112446	24 4.0
		07.01-	113295	28 55	09.99-	113759	24 4.0
12.232 6.9	(M 90)[D0826LFL02]	08.88- 06.96	110895	28 55	08.88- 06.96	111640	24 4.0
		08.88- 06.96	111146	28 55			
		08.88- 06.96	112159	28 80	08.88- 06.96	113759	24 4.0
		05.90- 06.96	111141	14 55	08.88- 06.96	113468	24 4.0
	(M 90)[D0826LFL06]	08.88- 06.96	110895	28 55	08.88- 06.96	111640	24 4.0
		08.88- 06.96	111146	28 55			
		08.88- 06.96	112159	28 80	08.88- 06.96	113759	24 4.0
		05.90- 06.96	111141	14 55	08.88- 06.96	113468	24 4.0
	(M 90)[D0826LFL08]	08.88- 06.96	110895	28 55	08.88- 06.96	111640	24 4.0
		08.88- 06.96	111146	28 55			
		08.88- 06.96	112159	28 80	08.88- 06.96	113759	24 4.0
		05.90- 06.96	111141	14 55	08.88- 06.96	113468	24 4.0
		05.94- 06.96	113920	28 35			
12.240 6.9	(TGL)[D0836LFL40]	04.05-	113998	28 110	04.05-	114001	24 4.0
		04.05-	115486	28 80 A49	04.05-	114376	24 4.0
		04.05-	115492	28 110 A49	04.05-	115513	24 4.0 A49
					04.05-	115891	24 5.0 A49



	(TGM)[D0836LFL50]	12.05- 12.05- 12.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49	12.05- 12.05-	114001 115891	24 4.0 24 5.0 A49
12.250 6.9	(TGL)[D0836LFL63]	04.05- 04.05-	115492 113998	28 110 A49 28 110			
	(TGM)	10.05- 10.05-	114007* 115486	28 80 28 80 A49			
12.262 6.9	(M 90)[D0826LFL13]	08.95- 06.96 08.95- 06.96 08.95- 06.96 08.95- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35	08.95- 06.96 08.95- 06.96 08.95- 06.96	111640 113468 113759	24 4.0 24 4.0 24 4.0
12.272 10.0	(M 90)[D2865LFO2]	09.91- 10.92 09.91- 10.92 09.91- 10.92	110761# 110895 112159	28 35 28 55 28 80	09.91- 10.92 09.91- 10.92 09.91- 10.92 09.91- 10.92 09.91- 10.92	110206 110210 111046 112120 113468 113855	24 5.4 24 6.6 24 6.6 24 6.6 24 4.0 24 5.4
12.272 6.9	(M 90)[D0826LFO4]	10.92- 06.96 10.92- 06.96 10.92- 06.96 10.93- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35	10.92- 06.96	111640	24 4.0
12.280 6.9	(TGM)[D0836LFL51]	12.05- 12.05- 12.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49	12.05- 12.05-	114001 115891	24 4.0 24 5.0 A49
12.285 6.9	(M 2000 M)[D0836LFO3]	02.03- 02.03-	113289 113295	28 90 28 55	02.03- 02.03-	112446 113759	24 4.0 24 4.0
12.290 6.9	(TGM)[D0836LFL64]	10.05- 10.05-	114007* 115486	28 80 28 80 A49			
13.220 6.9	[D0826LUH12]	07.98- 09.01	111842	28 140			
13.240 6.9	(TGM)[D0836LFL40]	05.06- 05.06- 05.06-	113998 115486 115492	28 110 28 80 A49 28 110 A49	05.06- 05.06-	114001 115891	24 4.0 24 5.0 A49
	(TGM)[D0836LFL50]	05.06- 05.06- 05.06-	113998 115486 115492	28 110 28 80 A49 28 110 A49	05.06- 05.06-	114001 115891	24 4.0 24 5.0 A49
	(TGM)[D0836LFL53]	10.05- 10.05- 10.05- 10.05- 10.05- 10.05-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49	10.05- 10.05-	114001 115891	24 4.0 24 5.0 A49
13.250 6.9	(TGM)[D0836LFL63]	10.05- 10.05- 10.05- 10.05-	114007* 115486 115492 113998	28 80 28 80 A49 28 110 A49 28 110			
	(TGM)[D0836LFL66]	10.05- 10.05- 10.05- 10.05- 10.05-	113998 114007* 114528* 115486 115496	28 110 28 80 28 120 28 80 28 120	10.05- 10.05-	114001 115891	24 4.0 24 5.0 A49
13.280 6.9	(TGM)[D0836LFL41]	05.06- 05.06- 05.06-	113998 115486 115492	28 110 28 80 A49 28 110 A49	05.06- 05.06-	114001 115891	24 4.0 24 5.0 A49
	(TGM)[D0836LFL51]	05.06- 05.06- 05.06-	113998 115486 115492	28 110 28 80 A49 28 110 A49	05.06- 05.06-	114001 115891	24 4.0 24 5.0 A49
	(TGM)[D0836LFL54]	10.05- 10.05- 10.05- 10.05- 10.05-	113998 114007* 114528* 115486 115496	28 110 28 80 28 120 28 80 28 120	10.05- 10.05-	114001 115891	24 4.0 24 5.0 A49
13.290 6.9	(TGM)[D0836LFL64]	10.05- 10.05- 10.05- 10.05- 10.05- 10.05-	113998 114007* 114528* 115486 115492 115496 113998	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49 28 110			
14.152 4.6	(M 90)[D0824LFO1]	05.94- 06.96 05.94- 06.96 05.94- 06.96 06.94- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35	05.94- 06.96 05.94- 06.97	113759 112446	24 4.0 24 4.0
14.152 6.9	(M 90)[D0826F01]	12.88- 04.94	111146	28 55	12.88- 05.94 12.88- 05.94	111640 113468	24 4.0 24 4.0
	(M 90)[D0826F02]	12.88- 05.94 12.91- 04.94	110895 111141	28 55 14 55	12.88- 05.94 12.88- 05.94	111640 113468	24 4.0 24 4.0
14.162 4.6	(M 90)[D0824LFO2]	08.95- 06.96 08.95- 06.96 08.95- 06.96 08.95- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35	08.95- 06.96 05.94- 06.96	113468 113759	24 4.0 24 4.0
14.163 4.6	(M 2000 L)[D0824LFL06]	08.95- 08.01 08.95- 08.01 08.95- 08.01	110895 112159 113920	28 55 28 80 28 35	08.95- 08.01 08.95-	112446 113759	24 4.0 24 4.0
	(M 2000 L)[D0824LFL09]	08.95- 08.01 08.95- 08.01 08.95- 08.01	110895 112159 113920	28 55 28 80 28 35	08.95- 08.01 08.95-	112446 113759	24 4.0 24 4.0
14.192 6.6	(M 90)[D0826TF]	04.85- 06.96 08.88- 06.90	110116 111146	28 35 28 55	08.88- 06.90 08.88- 06.96	111640 113468 113759	24 4.0 24 4.0 24 4.0
14.192 6.9	(M 90)[D0826LFO1]	07.90- 06.96 07.90- 06.96 07.90- 06.96	110895 111141 112159	28 55 14 55 28 80	07.90- 06.96 07.90- 06.96	113468 113759	24 4.0 24 4.0
	(M 90)[D0826LFO5]	07.90- 06.96 07.90- 06.96 07.90- 06.96	110895 111141 112159	28 55 14 55 28 80	07.90- 06.96 07.90- 06.96	113468 113759	24 4.0 24 4.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MAN Continued

	(M 90)[D0826LF07]	07.90- 06.96	110895	28 55	07.90- 06.96	113468	24 4.0
		07.90- 06.96	111141	14 55	07.90- 06.96	113759	24 4.0
		07.90- 06.96	112159	28 80			
		05.94- 06.96	113920	28 35			
14.222 6.9	(M 90)[D0826LF11]	05.94- 06.96	110895	28 55	05.94- 06.96	113468	24 4.0
		05.94- 06.96	111141	14 55	05.94- 06.96	113759	24 4.0
		05.94- 06.96	112159	28 80			
		05.94- 06.96	113920	28 35			
14.224 6.9	(M 2000 M)[D0826LF15]	08.95-	110895	28 55	08.95-	111640	24 4.0
		08.95-	112159	28 80	08.95-	113468	24 4.0
		08.95- 03.97	113920	28 35	08.95- 12.05	113759	24 4.0
	(M 2000 M)[D0826LF18]	08.95-	110895	28 55	08.95- 09.99	111640	24 4.0
		08.95-	112159	28 80	02.00-	112446	24 4.0
		08.95- 09.01	113920	28 35	08.95- 01.00	113468	24 4.0
					08.95- 12.05	113759	24 4.0
	(M 2000 L)[D0826LFL03]	08.95- 09.01	110895	28 55	08.95- 09.01	111640	24 4.0
		08.95- 09.01	112159	28 80	08.95-	113759	24 4.0
		08.95- 09.01	113920	28 35			
	(M 2000 L)[D0826LFL10]	08.95- 09.01	110895	28 55	08.95- 09.01	111640	24 4.0
		08.95- 09.01	112159	28 80	02.00- 09.01	112446	24 4.0
		08.95- 09.01	113920	28 35	08.95-	113759	24 4.0
14.225 6.9	(M 2000 M)[D0836LF04]	02.03-	113289	28 90	02.03-	113468	24 4.0
		02.03-	113295	28 55	02.03-	113759	24 4.0
	(M 2000 L)[D0836LFL02]	07.01-	113289	28 90	09.00- 09.01	111640	24 4.0
		07.01-	113295	28 55	09.00- 08.02	112446	24 4.0
					09.00- 09.06	113759	24 4.0
14.232 6.9	(M 90)[D0826LF/217/Silent]	05.90- 04.95	110895	28 55	05.90- 04.95	111640	24 4.0
		05.90- 04.95	112159	28 80	05.90- 04.95	113468	24 4.0
		04.92- 04.95	113920	28 35			
	(M 90)[D0826LF02]	08.88- 06.96	110895	28 55	08.88- 06.96	111640	24 4.0
		08.88- 06.96	111146	28 55	08.88- 06.96	113468	24 4.0
		08.88- 06.96	112159	28 80	08.88- 06.96	113759	24 4.0
	(M 90)[D0826LF06]	08.88- 06.96	110895	28 55	08.88- 06.96	111640	24 4.0
		08.88- 06.96	111146	28 55	08.88- 06.96	113468	24 4.0
		08.88- 06.96	112159	28 80	08.88- 06.96	113759	24 4.0
	(M 90)[D0826LF08]	08.88- 06.96	110895	28 55	08.88- 06.96	111640	24 4.0
		08.88- 06.96	111146	28 55	08.88- 06.96	113468	24 4.0
		08.88- 06.96	112159	28 80	08.88- 06.96	113759	24 4.0
		08.94- 06.96	113920	28 35			
14.255 6.9	(M 2000 L)[D0836LFL05]	07.01-	113289	28 90	07.01-	112446	24 4.0
		07.01-	113295	28 55	09.00- 09.06	113759	24 4.0
	(M 2000 L)				11.02-	113468	24 4.0
14.262 6.9	(M 90)[D0826LF13]	08.95- 06.96	110895	28 55	08.95- 06.96	113468	24 4.0
		08.95- 06.96	111141	14 55	08.95- 06.96	113759	24 4.0
		08.95- 06.96	112159	28 80			
		08.95- 06.96	113920	28 35			
14.264 6.9	(M 2000 M)[D0826LF17]	08.95- 09.01	110895	28 55	08.95-	111640	24 4.0
		08.95- 09.01	112159	28 80	08.95- 01.00	113468	24 4.0
		08.95- 09.01	113920	28 35	08.95- 12.05	113759	24 4.0
					02.00- 09.01	112446	24 4.0
	(M 2000 L)[D0826LFL09]	08.95- 09.01	110895	28 55	08.95- 09.01	111640	24 4.0
		08.95- 09.01	112159	28 80	02.00- 09.01	112446	24 4.0
		08.95- 09.01	113920	28 35	08.95-	113759	24 4.0
14.272 10.0	(M 90)[D2865LF02]	09.91- 10.92	110761#	28 35	09.91- 10.92	110206	24 5.4
		09.91- 10.92	110895	28 55	09.91- 10.92	110210	24 6.6
		09.91- 10.92	112159	28 80	09.91- 10.92	111046	24 6.6
					09.91- 10.92	112120	24 6.6
					09.91- 10.92	113468	24 4.0
					09.91- 10.92	113855	24 5.4
14.272 6.9	(M 90)[D0826LF04]	10.92- 06.96	110895	28 55	10.92- 06.96	113468	24 4.0
		10.92- 06.96	111141	14 55	10.92- 06.96	113759	24 4.0
		10.92- 06.96	112159	28 80			
		05.94- 06.96	113920	28 35			
14.284 6.9	(M 2000 L)[D0836LF01]	06.98- 01.01	113289	28 90	02.00- 09.01	112446	24 4.0
		06.98- 01.01	113295	28 55	06.98- 01.00	113468	24 4.0
					06.98-	113759	24 4.0
	(M 2000 M)	06.98- 01.01	113289	28 90	02.00- 09.01	112446	24 4.0
		06.98- 01.01	113295	28 55	06.98- 01.00	113468	24 4.0
					06.98- 12.05	113759	24 4.0
14.285 6.9	(M 2000 L)[D0836LFL03]	09.00-	113289	28 90	09.00-	112446	24 4.0
		09.00-	113295	28 55	09.02- 09.06	113759	24 4.0
	(M 2000 M)	07.01- 08.02	113289	28 90	07.01- 08.02	112446	24 4.0
		07.01- 08.02	113295	28 55	09.99- 12.05	113759	24 4.0
15.163 4.6	(M 2000 L)[D0824LFL06]	08.95- 09.01	110895	28 55	08.95- 09.01	112446	24 4.0
		08.95- 09.01	112159	28 80	08.95-	113759	24 4.0
		08.95- 09.01	113920	28 35			
	(M 2000 L)[D0824LFL09]	08.95- 09.01	110895	28 55	08.95- 09.01	112446	24 4.0
		08.95- 09.01	112159	28 80	08.95-	113759	24 4.0
		08.95- 09.01	113920	28 35			
15.192 9.5	(F 9)[D2565MF]	01.83- 12.86	110761#	28 35	01.83- 12.86	110206	24 5.4
15.224 6.9	(M 2000 L)[D0826LFL03]	08.95- 09.01	110895	28 55	08.95- 09.01	111640	24 4.0
		08.95- 09.01	112159	28 80	08.95-	113759	24 4.0
		08.95- 09.01	113920	28 35			
	(M 2000 L)[D0826LFL10]	08.95- 09.01	110895	28 55	08.95-	113759	24 4.0
		08.95- 09.01	112159	28 80	08.95- 09.01	111640	24 4.0
		08.95- 09.01	113920	28 35	02.00- 09.01	112446	24 4.0
15.225 6.9	(M 2000 L)[D0836LFL02]	09.00- 09.01	110895	28 55	09.00- 09.01	111640	24 4.0
		09.00- 09.01	112159	28 80	09.00- 09.01	112446	24 4.0
		09.00- 09.01	113920	28 35			
		09.02-	113289	28 90	09.99-	113759	24 4.0
		09.02-	113295	28 55			
15.240 6.9	(TGM)[D0836LFL40]	10.05-	113998	28 110	10.05-	114001	24 4.0
		10.05-	115486	28 80 A49	10.05-	115891	24 5.0 A49
		10.05-	115492	28 110 A49			
		10.05-	113998	28 110			



	(TGM)[D0836LFL53]	10.05- 10.05-	115492 113998	28 110 28 110	A49			
15.250 6.9	(TGM)[D0836LFL63]	10.05- 10.05-	115492 113998	28 110 28 110	A49			
15.255 6.9	(M 2000 L)[D0836LFL05]	07.01- 08.02 07.01- 08.02	113289 113295	28 90 28 55		07.01- 08.02 09.99-	112446 113759	24 4.0 24 4.0
15.264 6.9	(M 2000 L)[D0826LFL09]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		08.95- 09.01 02.00- 09.01 08.95-	111640 112446 113759	24 4.0 24 4.0 24 4.0
15.280 6.9	(TGM)[D0836LFL41]	10.05- 10.05- 10.05- 10.05-	113998 115486 115492 113998	28 110 28 80 28 110 28 110	A49 A49	10.05- 10.05-	114001 115891	24 4.0 24 5.0
	(TGM)[D0836LFL54]	10.05- 10.05-	115492 113998	28 110 28 110	A49			
15.284 6.9	(M 2000 L)[D0836LFL01]	06.98- 01.01 06.98- 01.01	113289 113295	28 90 28 55		02.00- 09.01 06.98- 01.00 06.98-	112446 113468 113759	24 4.0 24 4.0 24 4.0
15.285 6.9	(M 2000 L)[D0836LFL03]	09.00- 09.02 09.00- 09.02	113289 113295	28 90 28 55		09.00- 09.02 09.99-	112446 113759	24 4.0 24 4.0
15.290 6.9	(TGM)[D0836LFL64]	10.05- 10.05- 10.05- 10.05-	114007* 115486 115492 113998	28 80 28 80 28 110 28 110	A49 A49			
15.330 6.9	(TGM)[D0836LFL44]	10.05- 10.05-	114007* 115486	28 80 28 80	A49			
	(TGM)[D0836LFL55]	10.05- 10.05-	114007* 115486	28 80 28 80	A49			
15.340 6.9	(TGM)[D0836LFL65]	10.05- 10.05- 10.05- 10.05-	114007* 115486 115492 113998	28 80 28 80 28 110 28 110	A49 A49			
17.192 6.6	(M 90)[D0826TF]	11.86- 07.89 08.88- 06.90	110116 111146	28 35 28 55		08.88- 06.90 08.88- 06.90 08.88- 06.90	111640 113468 113759	24 4.0 24 4.0 24 4.0
17.192 6.9	(M 90)[D0826LF01]	07.90- 06.96 07.90- 06.96 07.90- 06.96 04.92- 04.95	110895 111141 112159 113920	28 55 14 55 28 80 28 35		07.90- 06.96 07.90- 06.96 07.90- 06.96 07.90- 04.95	113468 113759 111640 111640	24 4.0 24 4.0 24 4.0 24 4.0
	(M 90)[D0826LF05]	07.90- 06.96 07.90- 06.96 07.90- 06.96 04.92- 04.95	110895 111141 112159 113920	28 55 14 55 28 80 28 35		07.90- 04.95 10.92- 04.95 07.90- 06.96 07.90- 06.96	111640 112446 113468 113759	24 4.0 24 4.0 24 4.0 24 4.0
	(M 90)[D0826LF07]	07.90- 06.96 07.90- 06.96 07.90- 06.96 05.94- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35		07.90- 06.96 07.90- 06.96	113468 113759	24 4.0 24 4.0
17.222 6.9	(M 90)[D0826LF11]	05.94- 06.96 05.94- 06.96 05.94- 06.96 05.94- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35		05.94- 06.96 05.94- 06.96	113468 113759	24 4.0 24 4.0
17.232 6.9	(M 90)[D0826LF/217/Silent]	05.90- 03.92 05.90- 04.95 05.90- 01.91 05.90- 04.95 04.92- 04.95	110761# 110895 111146 112159 113920	28 35 28 55 28 55 28 80 28 35		05.90- 04.95 05.90- 04.95	111640 113468	24 4.0 24 4.0
	(M 90)[D0826LF02]	08.88- 06.96 08.88- 06.96 08.88- 06.96 02.89- 04.95	110895 112159 113920 111146	28 55 28 80 28 35 28 55		08.88- 06.96 08.88- 06.96 08.88- 06.96	111640 113759 113468	24 4.0 24 4.0 24 4.0
	(M 90)[D0826LF06]	08.88- 06.96 08.88- 06.96 02.89- 05.95 10.92- 06.96	110895 112159 111146 113920	28 55 28 80 28 55 28 35		08.88- 06.96 08.88- 09.96 08.88- 06.96	111640 113759 113468	24 4.0 24 4.0 24 4.0
	(M 90)[D0826LF08]	02.89- 06.96 02.89- 05.95 02.89- 06.96 08.94- 06.96	110895 111146 112159 113920	28 55 28 55 28 80 28 35		02.89- 06.96 02.89- 06.96 02.89- 06.96	111640 113468 113759	24 4.0 24 4.0 24 4.0
17.272 10.0	(M 90)[D2865LF02]	09.91- 10.93 09.91- 05.95 09.91- 05.95 11.93- 05.95	110761# 110895 112159 113920	28 35 28 55 28 80 28 35		09.91- 11.91 09.91- 05.95 09.91- 05.95 09.91- 05.95	110206 110210 111046 112120	24 5.4 24 6.6 24 6.6 24 6.6
						09.91- 05.95	113855	24 5.4
17.272 6.9	(M 90)[D0826LF04]	10.92- 05.95 10.92- 05.95 08.94- 05.95	110895 112159 113920	28 55 28 80 28 35		10.92- 05.95 10.92- 05.95 10.92- 05.95	111640 113468 113759	24 4.0 24 4.0 24 4.0
18.192 6.9	(M 90)[D0826LF01]	09.90- 06.96 09.90- 06.96 09.90- 06.96	110895 111141 112159	28 55 14 55 28 80		09.90- 06.96 09.90- 06.96	113468 113759	24 4.0 24 4.0
	(M 90)[D0826LF05]	09.90- 06.96 09.90- 06.96 09.90- 06.96	110895 111141 112159	28 55 14 55 28 80		09.90- 06.96 09.90- 06.96	113468 113759	24 4.0 24 4.0
	(M 90)[D0826LF07]	09.90- 06.96 09.90- 06.96 09.90- 06.96 05.94- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35		09.90- 06.96 09.90- 06.96	113468 113759	24 4.0 24 4.0
18.222 6.9	(M 90)[D0826LF11]	05.94- 06.96 05.94- 06.96 05.94- 06.96 05.94- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35		05.94- 06.96 05.94- 06.96	113468 113759	24 4.0 24 4.0
18.224 6.9	(M 2000 M)[D0826LF15]	08.95- 08.95- 08.95- 03.97	110895 112159 113920	28 55 28 80 28 35		08.95- 08.95- 08.95- 12.05	111640 113468 113759	24 4.0 24 4.0 24 4.0
	(M 2000 M)[D0826LF17]	08.95- 08.95- 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		08.95- 08.95- 08.95- 12.05	111640 113468 113759	24 4.0 24 4.0 24 4.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

MAN Continued

	(M 2000 M)[D0826LF18]	08.95- 08.95- 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		08.95- 09.99 02.00- 08.95- 01.00 08.95- 12.05	111640 112446 113468 113759	24 4.0 24 4.0 24 4.0 24 4.0
	(M 2000 L)[D0826LFL03]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		08.95- 09.01 08.95-	111640 113759	24 4.0 24 4.0
	(M 2000 L)[D0826LFL10]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		08.95- 09.01 02.00- 09.01 08.95-	111640 112446 113759	24 4.0 24 4.0 24 4.0
	(M 2000 L)	05.01-	110895	28 55				
18.225 6.9	(M 2000 M)[D0836LF04]	02.03- 02.03-	113289 113295	28 90 28 55		02.03-	113759	24 4.0
	(M 2000 L)	05.01-	110895	28 55				
18.232 6.9	(M 90)[D0826LF02]	09.90- 06.96 09.90- 06.96 09.90- 06.96	110895 111141 112159	28 55 14 55 28 80		09.90- 06.96 09.90- 06.96	113468 113759	24 4.0 24 4.0
	(M 90)[D0826LF06]	09.90- 06.96 09.90- 06.96 09.90- 06.96	110895 111141 112159	28 55 14 55 28 80		09.90- 06.96 09.90- 06.96	113468 113759	24 4.0 24 4.0
	(M 90)[D0826LF08]	09.90- 06.96 09.90- 06.96 09.90- 06.96 05.94- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35		09.90- 06.96 09.90- 06.96	113468 113759	24 4.0 24 4.0
18.240 6.9	(TGM)[D0836LFL40]	10.05- 10.05- 10.05- 05.06-	113998 115486 115492 113998	28 110 28 80 A49 28 110 A49 28 110		10.05- 10.05-	114001 115891	24 4.0 24 5.0 A49
	(TGM)[D0836LFL53]	05.06- 05.06-	115492 113998	28 110 A49 28 110				
18.250 6.9	(TGM)[D0836LFL63]	10.05- 10.05-	115492 113998	28 110 A49 28 110				
18.255 6.9	(M 2000 L)[D0836LFL05]	09.02- 09.02-	113289 113295	28 90 28 55		09.02- 09.99-	112446 113759	24 4.0 24 4.0
18.262 6.9	(M 90)[D0826LF13]	08.95- 06.96 08.95- 06.96 08.95- 06.96 08.95- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35		08.95- 06.96 08.95- 06.96	113468 113759	24 4.0 24 4.0
18.264 6.9	(M 2000 M)[D0826LF17]	08.95- 08.95- 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		08.95- 08.95- 08.95- 12.05	111640 113468 113759	24 4.0 24 4.0 24 4.0
	(M 2000 L)[D0826LFL09]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		08.95- 09.01 02.00- 09.01 08.95-	111640 112446 113759	24 4.0 24 4.0 24 4.0
18.272 10.0	(M 90)[D2865LF02]	09.91- 10.93 09.91- 05.94 09.91- 05.94 11.93- 05.94	110761# 110895 112159 113920	28 35 28 55 28 80 28 35		09.91- 05.94 110210 11046 112120 113468 113855	24 5.4 24 6.6 24 6.6 24 6.6 24 4.0 24 5.4	
18.272 6.9	(M 90)[D0826LF04]	10.92- 06.96 10.92- 06.96 10.92- 06.96 05.94- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35		10.92- 06.96 10.92- 06.96	113468 113759	24 4.0 24 4.0
18.280 6.9	(TGM)[D0836LFL41]	10.05- 10.05- 10.05- 10.05-	113998 114007* 115486 115492	28 110 28 80 28 80 A49 28 110 A49		10.05- 10.05-	114001 115891	24 4.0 24 5.0 A49
	(TGM)[D0836LFL51]	10.05- 10.05- 10.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.05- 10.05-	114001 115891	24 4.0 24 5.0 A49
	(TGM)[D0836LFL54]	10.05- 10.05-	114007* 115486	28 80 28 80 A49				
18.284 6.9	(M 2000 L)[D0836LF01]	06.98- 01.01 06.98- 01.01	113289 113295	28 90 28 55		02.00- 09.01 06.98- 01.00 06.98-	112446 113468 113759	24 4.0 24 4.0 24 4.0
	(M 2000 M)	06.98- 01.01 06.98- 01.01	113289 113295	28 90 28 55		02.00- 09.01 06.98- 01.00 06.98- 12.05	112446 113468 113759	24 4.0 24 4.0 24 4.0
18.285 6.9	(M 2000 L)[D0836LFL03]	07.01- 07.01-	113289 113295	28 90 28 55		09.02-	112446	24 4.0
18.290 6.9	(TGM)[D0836LFL64]	10.05- 10.05- 10.05- 10.05-	114007* 115486 115492 113998	28 80 28 80 A49 28 110 A49 28 110				
18.310 10.5	(TGA)[D2066LF04]	05.04- 05.04- 09.06 05.04- 09.06 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04- 05.04-	115892 110206 115556 110206	24 5.5 A49 24 5.4 24 5.5 24 5.4
	(TGA)[D2066LF14]	05.04- 05.04- 09.06 05.04- 09.06 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04- 05.04-	115556 115892 110206 115556 115892	24 5.5 24 5.5 A49 24 5.4 24 5.5 24 5.5 A49
	(TGA)[D2066LF28]	05.04- 05.04-	113998 114528* 115496	28 110 28 120 28 120 A49		05.04- 05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGA)[D2066LF35]	05.04- 05.04- 09.06 05.04- 09.06 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04- 05.04-	115892 110206 115556 115892	24 5.5 A49 24 5.4 24 5.5 24 5.5 A49
		05.04-	113998	28 110		05.04- 05.04-	110206 115556	24 5.4 24 5.5



	(TGA)[D2066LF39]	05.04- 05.04- 09.06 05.04- 09.06 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49		05.04-	110206	24 5.4
		05.04-	113998	28 110		05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
18.310 12.0	(TGA)[D2866LF26]	09.02- 02.05 03.99- 03.99-	114008 113289 113295	28 80 28 90 28 55		04.00- 02.00- 04.00-	113855 110206 111046	24 5.4 24 5.4 24 6.6
	(TGA)[D2866LF36]	03.99- 03.99-	113289 113295	28 90 28 55		02.00- 04.00- 04.00-	110206 111046 113855	24 5.4 24 6.6 24 5.4
18.320 10.5	(TGA)[D2066LF04]	05.04- 05.04-	114528* 115496	28 120 28 120 A49		05.04- 05.04- 05.04-	110206 115556 115892	24 5.4 24 5.5 24 5.5 A49
	(TGA)[D2066LF14]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49		05.04-	115892	24 5.5 A49
		05.04-	113998	28 110		05.04- 05.04-	110206 115556	24 5.4 24 5.5
	(TGA)[D2066LF28]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49		05.04-	115892	24 5.5 A49
		05.04-	113998	28 110		05.04- 05.04-	110206 115556	24 5.4 24 5.5
	(TGS)	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49				
		10.07-	113998	28 110		10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	(TGA)[D2066LF35]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49		05.04-	115892	24 5.5 A49
		05.04-	113998	28 110		05.04- 05.04-	110206 115556	24 5.4 24 5.5
	(TGA)[D2066LF39]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49		05.04-	115892	24 5.5 A49
		05.04-	113998	28 110		05.04- 05.04-	110206 115556	24 5.4 24 5.5
	(TGS)	10.07- 10.07- 10.07- 10.07-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
		10.07-	113998	28 110		10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	(TGS)[D2066LF43]	10.07-	113998	28 110		10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	[D2066LOH01]	10.06-	111842	28 140				
18.330 6.9	(TGM)[D0836LFL44]	10.05- 10.05- 10.05- 10.05-	113998 114007* 115486 115492	28 110 28 80 28 80 A49 28 110 A49		10.05- 10.05-	114001 115891	24 4.0 24 5.0 A49
	(TGM)[D0836LFL52]	10.05- 10.05- 10.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.05- 10.05-	114001 115891	24 4.0 24 5.0 A49
	(TGM)[D0836LFL55]	10.05- 10.05-	114007* 115486	28 80 28 80 A49				
18.340 6.9	(TGM)[D0836LFL65]	10.05- 10.05- 10.05- 10.05-	114007* 115486 115492 113998	28 80 28 80 A49 28 110 A49 28 110				
18.350 10.5	(TGA)[D2066LF03]	05.04- 05.04- 09.06 05.04- 09.06 05.04- 09.06	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49		05.04-	115892	24 5.5 A49
		05.04-	113998	28 110		05.04- 05.04-	110206 115556	24 5.4 24 5.5
	(TGS)	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49				
	(TGA)[D2066LF13]	05.04- 05.04- 09.06 05.04- 09.06 05.04- 09.06	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49		05.04-	110206	24 5.4
		05.04-	113998	28 110		05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGA)[D2066LF27]	05.04- 05.04- 09.06 05.04- 09.06 05.04- 09.06	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
		05.04-	113998	28 110		05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGA)[D2066LF33]	05.04- 05.04- 09.06 05.04- 09.06 05.04- 09.06	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49		05.04-	115892	24 5.5 A49
		05.04-	113998	28 110		05.04- 05.04-	110206 115556	24 5.4 24 5.5

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



MAN Continued

18.360 10.5	(TGA)[D2066LF38]	05.04-	114528*	28 120				
		05.04- 09.06	115486	28 80 A49				
		05.04- 09.06	115492	28 110 A49				
		05.04- 09.06	115496	28 120 A49				
		05.04-	113998	28 110		05.04-	115556	24 5.5
		01.06-	115492	28 110 A49		05.04-	115892	24 5.5 A49
		01.06-	113998	28 110		01.06-	115892	24 5.5 A49
						01.06-	115556	24 5.5
		(TGA)[D2066LF27]	01.06-	115492	28 110 A49	01.06-	115892	24 5.5 A49
			01.06-	113998	28 110	01.06-	115556	24 5.5
		(TGS)	10.07-	115486	28 80 A49			
			10.07-	115492	28 110 A49			
		10.07-	113998	28 110	10.07-	115556	24 5.5	
		10.07-	115486	28 80 A49	10.07-	115892	24 5.5 A49	
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110	10.07-	115556	24 5.5	
		10.07-	115486	28 80 A49	10.07-	115892	24 5.5 A49	
		10.07-	115492	28 110 A49				
	(TGA)[D2066LF38]	01.06-	115492	28 110 A49	01.06-	115892	24 5.5 A49	
		01.06-	113998	28 110	01.06-	115556	24 5.5	
	(TGS)	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110	10.07-	115556	24 5.5	
		10.07-	115486	28 80 A49	10.07-	115892	24 5.5 A49	
		10.07-	115492	28 110 A49				
	(TGX)	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110	10.07-	115556	24 5.5	
		10.07-	115486	28 80 A49	10.07-	115892	24 5.5 A49	
		10.07-	115492	28 110 A49				
	(TGS)[D2066LF42]				10.07-	115556	24 5.5	
					10.07-	115892	24 5.5 A49	
	(TGX)	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110	10.07-	115556	24 5.5	
		10.07-	115486	28 80 A49	10.07-	115892	24 5.5 A49	
		10.07-	115492	28 110 A49				
	(TGX)[D2066LF52]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110	10.07-	115556	24 5.5	
		10.07-	115486	28 80 A49	10.07-	115892	24 5.5 A49	
		10.07-	115492	28 110 A49				
	(TGX)[D2066LF67]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110	10.07-	115556	24 5.5	
		10.07-	115486	28 80 A49	10.07-	115892	24 5.5 A49	
		10.07-	115492	28 110 A49				
18.360 12.0	(TGA)[D2866LF27]	09.02- 03.04	114008	28 80	04.00-	113855	24 5.4	
		03.99-	111842	28 140				
		03.99-	113289	28 90	02.00-	110206	24 5.4	
		03.99-	113295	28 55	04.00-	111046	24 6.6	
	(TGA)[D2866LF37]	03.99-	113289	28 90	02.00-	110206	24 5.4	
		03.99-	113295	28 55	04.00-	111046	24 6.6	
					04.00-	113855	24 5.4	
18.390 10.5	(TGA)[D2066LF02]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		05.04-	113998	28 110	05.04-	115556	24 5.5	
		05.04-	113998	28 110	05.04-	115892	24 5.5 A49	
	(TGS)	06.08-	113998	28 110				
		06.08-	114007*	28 80				
		06.08-	114528*	28 120				
		06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49				
		06.08-	115496	28 120 A49				
	(TGA)[D2066LF12]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		05.04-	113998	28 110	05.04-	115556	24 5.5	
		05.04-	113998	28 110	05.04-	115892	24 5.5 A49	
	(TGA)[D2066LF26]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		05.04-	113998	28 110	05.04-	115556	24 5.5	
		05.04-	113998	28 110	05.04-	115892	24 5.5 A49	
	(TGA)[D2066LF32]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		05.04-	113998	28 110	05.04-	115556	24 5.5	
		05.04-	113998	28 110	05.04-	115892	24 5.5 A49	
	(TGA)[D2066LF37]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		05.04-	113998	28 110	05.04-	115556	24 5.5	
		05.04-	113998	28 110	05.04-	115892	24 5.5 A49	
18.400 10.5	(TGA)[D2066LF26]	10.05-	114007*	28 80	10.05-	115556	24 5.5	
		10.05-	115486	28 80 A49	10.05-	115892	24 5.5 A49	
	(TGS)	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110	10.07-	115556	24 5.5	
		10.07-	113998	28 110	10.07-	115892	24 5.5 A49	
	(TGX)	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110	10.07-	115556	24 5.5	
		10.07-	113998	28 110	10.07-	115892	24 5.5 A49	



	(TGA)[D2066LF37]	10.05- 10.05-	114007* 115486	28 80 28 80 A49	10.05- 10.05-	115556 115892	24 5.5 24 5.5 A49
	(TGS)	10.07- 10.07- 10.07- 10.07-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	(TGX)	10.07- 10.07- 10.07- 10.07-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	(TGS)[D2066LF41]	10.07-	113998	28 110	10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	(TGX)	10.07- 10.07- 10.07- 10.07-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	(TGX)[D2066LF51]	10.07- 10.07- 10.07-	113998	28 110	10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	(TGX)[D2066LF61]	10.07- 10.07- 10.07-	113998	28 110	10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
18.410 12.0	(TGA)[D2866LF28]	09.02- 12.05 03.99- 03.99-	114008 113289 113295	28 80 28 90 28 55	04.00- 02.00- 04.00-	113855 110206 111046	24 5.4 24 5.4 24 6.6
	(TGA)[D2866LF32]	03.99- 03.99-	113289 113295	28 90 28 55	02.00- 04.00-	110206 111046	24 5.4 24 6.6
		10.07-	113998	28 110	10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
18.430 10.5	(TGA)[D2066LF01]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	(TGS)	05.04- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49			
	(TGA)[D2066LF11]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	(TGA)[D2066LF25]	05.04- 05.04- 05.04- 05.04-	113998	28 110	05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGA)[D2066LF31]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			
	(TGA)[D2066LF36]	05.04- 05.04- 05.04- 05.04-	113998	28 110	05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
18.440 10.5	(TGA)[D2066LF25]	09.05- 09.05-	115492 113998	28 110 A49 28 110	09.05- 09.05-	115892 115556	24 5.5 A49 24 5.5
	(TGS)	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49			
	(TGX)	10.07- 10.07- 10.07-	113998	28 110	10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	(TGA)[D2066LF36]	09.05- 09.05-	115492 113998	28 110 A49 28 110	09.05- 09.05-	115892 115556	24 5.5 A49 24 5.5
	(TGS)	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49			
	(TGX)	10.07- 10.07-	113998	28 110	10.07- 10.07-	115440 115556	24 7.0 24 5.5
	(TGS)[D2066LF40]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49			
		10.07-	113998	28 110	10.07- 10.07-	115440 115556	24 7.0 24 5.5
		10.07-	113998	28 110	10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49

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	(TGX)	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49	10.07- 10.07-	115892 115440 115556	24 5.5 24 7.0 24 5.5	A49
	(TGX)[D2066LF41]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49	10.07-	115440	24 7.0	
		10.07-	113998	28 110				
18.440 12.4	(TGS)[D2676LF22]	10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007* 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49				
	(TGX)	10.07- 10.07-	114528* 115496	28 120 28 120 A49	10.07- 10.07-	115556 115892	24 5.5 24 5.5	A49
	(TGS)[D2676LF26]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49				
	(TGX)	10.07-	115496	28 120 A49	10.07- 10.07- 10.12- 10.12-	115556 115892 115556 115892	24 5.5 24 5.5 24 5.5 24 5.5	A49
18.460 12.8	(TGA)[D2876LF04]	03.99- 03.99-	113289 113295	28 90 28 55	02.00- 04.00- 04.00-	110206 111046 113855	24 5.4 24 6.6 24 5.4	
	(TGA)[D2876LF07]	03.99- 03.99-	113289 113295	28 90 28 55	02.00- 04.00- 04.00-	110206 111046 113855	24 5.4 24 6.6 24 5.4	
18.480 12.4	(TGA)[D2676LF01]	01.06- 01.06- 01.06- 01.06-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49	01.06- 01.06-	115556 115892	24 5.5 24 5.5	A49
	(TGS)[D2676LF02]	10.07- 10.07-	114528* 115496	28 120 28 120 A49				
	(TGA)[D2676LF05]	01.06- 01.06- 01.06- 01.06- 01.06-	114007* 114528* 115486 115492 115496	28 80 28 120 28 80 A49 28 110 A49 28 120 A49	01.06- 01.06-	115556 115892	24 5.5 24 5.5	A49
	(TGS)	10.07- 10.07- 10.07- 10.07-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49	10.07-	115892	24 5.5	A49
	(TGX)	10.07- 10.07-	113998	28 110	10.07- 10.07-	115440 115556	24 7.0 24 5.5	
	(TGX)	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49	10.07-	115892	24 5.5	A49
	(TGS)[D2676LF07]	10.07- 10.07-	113998 114528*	28 110 28 120	10.07- 10.07-	115440 115556	24 7.0 24 5.5	
	(TGX)	10.07- 10.07-	115496	28 120 A49	10.07- 10.07-	115556 115892	24 5.5 24 5.5	A49
	(TGX)	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49	10.07- 10.07-	115892	24 5.5	A49
	(TGA)[D2676LF12]	02.06- 02.06-	113998 114007*	28 110 28 80	02.06- 02.06-	115892 115556	24 5.5 24 5.5	A49
	(TGA)[D2676LF14]	01.06- 01.06- 01.06- 01.06- 01.06-	114007* 114528* 115486 115492 115496	28 80 28 120 28 80 A49 28 110 A49 28 120 A49	01.06- 01.06-	115556 115892	24 5.5 24 5.5	A49
	(TGS)	10.07- 10.07-	113998	28 110	10.07- 10.07-	115892	24 5.5	A49
	(TGX)	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49	10.07- 10.07-	115440 115556	24 7.0 24 5.5	
	(TGX)	10.07- 10.07-	113998	28 110	10.07- 10.07-	115440 115556	24 7.0 24 5.5	
	(TGX)[D2676LF21]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49	10.07- 10.07-	115892	24 5.5	A49
	(TGX)[D2676LF25]	10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49	10.07- 10.07-	115556 115892	24 5.5 24 5.5	A49
		10.07-	113998	28 110	10.07- 10.07-	115556 115892	24 5.5 24 5.5	A49
18.480 12.8	(TGA)[D2876LF12]	09.02- 09.02- 07.03-	113998 114008 113289	28 110 28 80 28 90	09.02- 09.02- 10.02- 09.02-	113855 114031 110206 115886	24 5.4 24 5.5 24 5.4 24 5.5	A49
18.510 12.8	(TGA)[D2876LF05]	04.00- 04.00-	113289 113295	28 90 28 55	04.00- 04.00-	110206 111046	24 5.4 24 6.6	

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18.530 12.8	(TGA)[D2876LF13]	09.02-	113998	28 110	09.02-	113855	24 5.4	
		09.02-	114008	28 80	09.02-	114031	24 5.5	
		10.02-	113289	28 90	09.02-	110206	24 5.4	
18.540 12.4	(TGS)[D2676LF06]				10.07-	115556	24 5.5	
					10.07-	115892	24 5.5 A49	
	(TGX)	10.07-	115486	28 80 A49	10.07-	115892	24 5.5 A49	
		10.07-	115492	28 110 A49				
					10.07-	115440	24 7.0	
					10.07-	115556	24 5.5	
	(TGA)[D2676LF13]	08.06-	115492	28 110 A49	08.06-	115892	24 5.5 A49	
		08.06-	113998	28 110	08.06-	115556	24 5.5	
	(TGS)	10.07-	115486	28 80 A49	10.07-	115892	24 5.5 A49	
		10.07-	115492	28 110 A49				
					10.07-	115440	24 7.0	
					10.07-	115556	24 5.5	
(TGX)	10.07-	115486	28 80 A49	10.07-	115892	24 5.5 A49		
	10.07-	115492	28 110 A49					
				10.07-	115440	24 7.0		
				10.07-	115556	24 5.5		
18.680 16.2	(TGX)[D2868LF02]	10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
		10.07-	113998	28 110				
	(TGX)[D2868LF03]	10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
		10.07-	113998	28 110				
	19.233 12.0	(F 2000)[E2866DF01]	09.96- 12.01	110895	28 55	09.96- 12.01	110206	24 5.4
			09.96- 12.01	112159	28 80			
19.242 12.0	(F 90)[D2866F/240]	01.88- 02.89	110761#	28 35	01.88- 02.89	110206	24 5.4	
		01.88- 02.89	110895	28 55	01.88- 02.89	111046	24 6.6	
					01.88- 02.89	113855	24 5.4	
19.262 10.0	(F 90)[D2865LF/260]	01.88- 02.90	110761#	28 35	01.88- 02.90	110206	24 5.4	
		01.88- 02.90	110895	28 55	01.88- 02.90	110210	24 6.6	
		01.88- 02.90	112159	28 80	01.88- 02.90	111046	24 6.6	
					01.88- 02.90	112120	24 6.6	
					01.88- 02.90	113855	24 5.4	
19.272 10.0	(F 90)[D2865LF02]	02.90- 10.93	110761#	28 35	02.90- 05.95	110206	24 5.4	
		02.90- 05.95	110895	28 55	02.90- 05.95	110210	24 6.6	
		02.90- 05.95	112159	28 80	02.90- 05.95	111046	24 6.6	
					02.90- 05.95	112120	24 6.6	
					02.90- 05.95	113855	24 5.4	
	(F 90)[D2865LF05]	02.90- 10.93	110761#	28 35	02.90- 05.95	110206	24 5.4	
		02.90- 05.95	110895	28 55	02.90- 05.95	110210	24 6.6	
		02.90- 05.95	112159	28 80	02.90- 05.95	111046	24 6.6	
		11.93- 05.95	113920	28 35	02.90- 05.95	112120	24 6.6	
					02.90- 05.95	113855	24 5.4	
	19.273 10.0	(F 2000)[D2865LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4
			01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6
01.94- 12.95			113920	28 35	01.94- 12.95	113855	24 5.4	
19.292 12.0	(F 90)[D2866LF/290]	07.86- 02.90	110761#	28 35	07.86- 02.90	110206	24 5.4	
		07.86- 02.90	110895	28 55	07.86- 02.90	111046	24 6.6	
		07.86- 02.90	112159	28 80	07.86- 02.90	113855	24 5.4	
19.293 10.0	(F 2000)[D2865LF20]	01.94-	110895	28 55	01.94-	110210	24 6.6	
		01.94-	112159	28 80	01.94-	111046	24 6.6	
		01.94- 09.01	113920	28 35	01.94-	110206	24 5.4	
				01.94-	112120	24 6.6		
				01.94-	113855	24 5.4		
	(F 2000)[D2865LF24]	04.95-	110895	28 55	04.95-	110206	24 5.4	
		04.95-	112159	28 80	01.94-	111046	24 6.6	
			04.95- 09.01	113920	28 35	01.94-	112120	24 6.6
						01.94-	113855	24 5.4
19.310 12.0	(E2000 Evolution)[D2866LF23]				05.00-	110206	24 5.4	
19.314 12.0	(F 2000)[D2866LF34]	06.98- 12.01	110895	28 55	06.98- 08.02	110206	24 5.4	
		06.98- 01.01	113289	28 90				
		06.98- 01.01	113295	28 55				
		06.98- 12.01	113920	28 35				
	(F 2000)	05.01-	110895	28 55				
19.322 10.0	(F 90)[D2865LF03]	02.90- 10.93	110761#	28 35	02.90- 06.96	110210	24 6.6	
		02.90- 05.95	110895	28 55	02.90- 06.96	112120	24 6.6	
		02.90- 06.96	112159	28 80	02.90- 06.96	111046	24 6.6	
					02.90- 05.95	110206	24 5.4	
					02.90- 05.95	113855	24 5.4	
	(F 90)[D2865LF06]	02.90- 10.93	110761#	28 35	02.90- 06.96	110210	24 6.6	
		02.90- 06.96	110895	28 55	02.90- 06.96	111046	24 6.6	
		02.90- 06.96	112159	28 80	02.90- 06.96	112120	24 6.6	
		02.90- 06.96	113920	28 35	02.90- 05.95	110206	24 5.4	
					02.90- 05.95	113855	24 5.4	
	19.322 10.0 Unterflur	(F 90)[D2865LF03]	02.90- 05.94	110895	28 55	02.90- 05.94	110206	24 5.4
			02.90- 05.94	112159	28 80	02.90- 05.94	110210	24 6.6
02.90- 05.94			113920	28 35	02.90- 05.94	111046	24 6.6	
				02.90- 05.94	112120	24 6.6		
				02.90- 05.94	113855	24 5.4		
(F 90)[D2865LF06]		02.90- 05.94	110895	28 55	02.90- 05.94	110210	24 6.6	
		02.90- 05.94	112159	28 80	02.90- 05.94	111046	24 6.6	
	02.90- 05.94	113920	28 35	02.90- 05.94	112120	24 6.6		
			02.90- 05.94	113855	24 5.4			
19.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28 55	01.94- 12.95	111046	24 6.6	
		01.94- 12.95	112159	28 80	01.94- 12.95	113855	24 5.4	
		01.94- 12.95	113920	28 35	01.94- 12.95	110206	24 5.4	
19.332 12.0	(F 90)[D2866LF/330]	07.86- 02.90	110761#	28 35	07.86- 02.90	110206	24 5.4	
		07.86- 02.90	110895	28 55	07.86- 02.90	111046	24 6.6	
		07.86- 02.90	112159	28 80	07.86- 02.90	113855	24 5.4	

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19.332	12.0	Unterflur	(F 90)[D2866LUL/330]	07.86- 02.90	110895	28 55	07.86- 02.90	110206	24 5.4
19.342	10.0		(F 90)[D2865LF09]	05.94- 06.96	110895	28 55	05.94- 06.96	110210	24 6.6
				05.94- 06.96	112159	28 80	05.94- 06.96	111046	24 6.6
				05.94- 06.96	113920	28 35	05.94- 06.96	112120	24 6.6
							05.94- 05.95	110206	24 5.4
							05.94- 05.95	113855	24 5.4
19.343	10.0		(F 2000)[D2865LF21]	01.94-	110895	28 55	01.94-	110206	24 5.4
				01.94-	112159	28 80	01.94-	111046	24 6.6
				01.94- 09.01	113920	28 35	01.94-	113855	24 5.4
19.350	10.5		(TGA)[D2066LF03]	05.04-	114528*	28 120	05.04-	115556	24 5.5
				05.04-	115496	28 120 A49	05.04-	115892	24 5.5 A49
19.360	10.5		(TGA)[D2066LF07]	05.04-	114528*	28 120	05.04-	115556	24 5.5
				05.04-	115496	28 120 A49	05.04-	115892	24 5.5 A49
			(TGS)	02.11-	114007*	28 80	02.11-	115556	24 5.5
				02.11-	114528*	28 120	02.11-	115892	24 5.5 A49
				02.11-	115486	28 80 A49			
				02.11-	115492	28 110 A49			
				02.11-	115496	28 120 A49			
				02.11-	113998	28 110	02.11-	115440	24 7.0
			(TGS)[D2066LF48]	02.11-	113998	28 110	02.11-	115440	24 7.0
				02.11-	114007*	28 80	02.11-	115556	24 5.5
				02.11-	114528*	28 120	02.11-	115892	24 5.5 A49
				02.11-	115486	28 80 A49			
				02.11-	115492	28 110 A49			
				02.11-	115496	28 120 A49			
			(TGS)[D2066LF64]	02.11-	113998	28 110	02.11-	115440	24 7.0
				02.11-	114007*	28 80	02.11-	115556	24 5.5
				02.11-	114528*	28 120	02.11-	115892	24 5.5 A49
				02.11-	115486	28 80 A49			
				02.11-	115492	28 110 A49			
				02.11-	115496	28 120 A49			
19.360	12.0		(E2000 Evolution)[D2866LF24]				05.00-	110206	24 5.4
19.362	12.0		(F 90)[D2866KF]	07.86- 02.90	110761#	28 35	07.86- 02.90	110206	24 5.4
				07.86- 02.90	110895	28 55	07.86- 02.90	111046	24 6.6
				07.86- 02.90	112159	28 80	07.86- 02.90	113855	24 5.4
			(F 90)[D2866LXF]	07.86- 02.90	110761#	28 35	07.86- 02.90	110206	24 5.4
				07.86- 02.90	110895	28 55	07.86- 02.90	111046	24 6.6
				07.86- 02.90	112159	28 80	07.86- 02.90	113855	24 5.4
19.362	12.0	Unterflur	(F 90)[D2866KUL]	07.86- 01.91	110895	28 55	07.86- 01.91	110206	24 5.4
				Eng. -4912000	110761#	28 35			
19.364	12.0		(F 2000)[D2866LF35]	06.98- 12.01	110895	28 55	06.98- 12.01	110206	24 5.4
				06.98- 01.01	113289	28 90			
				06.98- 01.01	113295	28 55			
				06.98- 12.01	113920	28 35			
19.372	12.0		(F 90)[D2866LF03]	02.90- 10.93	110761#	28 35	02.90- 09.92	110206	24 5.4
				02.90- 05.95	110895	28 55	02.90- 05.95	111046	24 6.6
				02.90- 06.96	112159	28 80	02.90- 05.95	113855	24 5.4
							02.90- 05.95	112120	24 6.6
			(F 90)[D2866LF05]	02.90- 05.95	110761#	28 35	02.90- 11.92	110206	24 5.4
				02.90- 05.95	110895	28 55			
				02.90- 06.96	112159	28 80	02.90- 05.95	111046	24 6.6
				09.93- 06.96	113920	28 35	02.90- 05.95	113855	24 5.4
			(F 90)[D2866LF15]	02.90- 05.95	110761#	28 35	02.90- 05.95	113855	24 5.4
				02.90- 05.95	110895	28 55			
				02.90- 06.96	112159	28 80	02.90- 12.94	110206	24 5.4
				09.93- 06.96	113920	28 35	02.90- 05.95	111046	24 6.6
			(F 90)[D2866LXF/Silent]	05.90- 04.95	110761#	28 35	05.90- 11.90	110206	24 5.4
				05.90- 04.95	110895	28 55	05.90- 04.95	111046	24 6.6
							05.90- 04.95	113855	24 5.4
19.372	12.0	Unterflur	(F 90)[D2866LF03]	02.90- 05.94	110895	28 55	02.90- 05.94	110206	24 5.4
				02.90- 05.94	112159	28 80	02.90- 05.94	110210	24 6.6
				02.90- 05.94	113920	28 35	02.90- 05.94	111046	24 6.6
							02.90- 05.94	113855	24 5.4
			(F 90)[D2866LF05]	02.90- 05.94	110895	28 55	02.90- 11.92	110206	24 5.4
				02.90- 05.94	112159	28 80	02.90- 05.94	111046	24 6.6
				02.90- 05.94	113920	28 35	02.90- 05.94	113855	24 5.4
19.373	12.0		(F 2000)[D2866LF21]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4
				01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6
				01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4
19.390	10.5		(TGA)[D2066LF02]	05.04-	114528*	28 120	05.04-	115556	24 5.5
				05.04-	115496	28 120 A49	05.04-	115892	24 5.5 A49
19.400	10.5		(TGA)[D2066LF06]	05.04-	114528*	28 120	05.04-	115556	24 5.5
				05.04-	115496	28 120 A49	05.04-	115892	24 5.5 A49
			(TGS)	02.11-	113998	28 110	02.11-	115440	24 7.0
				02.11-	114007*	28 80	02.11-	115556	24 5.5
				02.11-	114528*	28 120	02.11-	115892	24 5.5 A49
				02.11-	115486	28 80 A49			
				02.11-	115492	28 110 A49			
				02.11-	115496	28 120 A49			
			(TGS)[D2066LF49]	02.11-	113998	28 110	02.11-	115440	24 7.0
				02.11-	114007*	28 80	02.11-	115556	24 5.5
				02.11-	114528*	28 120	02.11-	115892	24 5.5 A49
				02.11-	115486	28 80 A49			
				02.11-	115492	28 110 A49			
				02.11-	115496	28 120 A49			
			(TGS)[D2066LF63]	02.11-	113998	28 110	02.11-	115440	24 7.0
				02.11-	114007*	28 80	02.11-	115556	24 5.5
				02.11-	114528*	28 120	02.11-	115892	24 5.5 A49
				02.11-	115486	28 80 A49			
				02.11-	115492	28 110 A49			
				02.11-	115496	28 120 A49			
19.402	12.0		(F 90)[D2866LF16]	05.94- 05.95	110761#	28 35	05.94- 05.95	113855	24 5.4
				05.94- 05.95	110895	28 55			
				05.94- 06.96	112159	28 80	05.94- 06.96	110206	24 5.4
				05.94- 06.96	113920	28 35	05.94- 05.95	111046	24 6.6



19.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4		
		01.94-	112159	28 80	01.94-	111046	24 6.6		
		01.94-	113289	28 90	01.94-	113855	24 5.4		
		01.94-	113295	28 55					
		01.94- 09.01	113920	28 35					
19.410 12.0	(E2000 Evolution)[D2866LF25]				05.00-	110206	24 5.4		
19.414 12.0	(F 2000)[D2866LF31]	06.98- 12.01	110895	28 55	06.98- 12.01	110206	24 5.4		
		06.98- 01.01	113289	28 90					
		06.98- 01.01	113295	28 55					
		06.98- 12.01	113920	28 35					
19.422 12.0	(F 90)[D2866LF06]	02.90- 08.93	110761#	28 35	02.90- 06.96	110206	24 5.4		
		02.90- 10.92	110895	28 55	02.90- 05.95	111046	24 6.6		
		02.90- 06.96	112159	28 80	02.90- 05.95	113855	24 5.4		
	(F 90)[D2866LF09]	02.90- 06.96	110761#	28 35	02.90- 06.96	110206	24 5.4		
		02.90- 05.95	110895	28 55					
		02.90- 06.96	112159	28 80	02.90- 05.95	111046	24 6.6		
	(F 90)[D2866LF10]	09.93- 06.96	113920	28 35	02.90- 05.95	113855	24 5.4		
		02.90- 05.95	110761#	28 35	02.90- 11.92	110206	24 5.4		
		02.90- 05.95	110895	28 55	02.90- 05.95	111046	24 6.6		
		02.90- 05.95	112159	28 80	02.90- 05.95	113855	24 5.4		
19.422 12.0 Unterflur	(F 90)[D2866LF06]	02.90- 05.94	110895	28 55	02.90- 11.90	110206	24 5.4		
		02.90- 05.94	112159	28 80	02.90- 05.94	111046	24 6.6		
		02.90- 05.94	113920	28 35	02.90- 05.94	113855	24 5.4		
	(F 90)[D2866LF09]	02.90- 05.94	110761#	28 35	02.90- 11.92	110206	24 5.4		
		02.90- 05.94	110895	28 55	02.90- 05.94	111046	24 6.6		
		02.90- 05.94	112159	28 80	02.90- 05.94	113855	24 5.4		
19.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4		
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6		
		01.94- 12.95	113289	28 90	01.94- 12.95	113855	24 5.4		
		01.94- 12.95	113295	28 55					
		01.94- 12.95	113920	28 35					
19.430 10.5	(TGA)[D2066LF01]	05.04-	114528*	28 120	05.04-	115556	24 5.5		
		05.04-	115496	28 120 A49	05.04-	115892	24 5.5 A49		
19.440 10.5	(TGS)[D2066LF50]	02.11-	113998	28 110	02.11-	115440	24 7.0		
		02.11-	114007*	28 80	02.11-	115556	24 5.5		
		02.11-	114528*	28 120	02.11-	115892	24 5.5 A49		
		02.11-	115486	28 80 A49					
		02.11-	115492	28 110 A49					
	(TGS)[D2066LF62]	02.11-	115496	28 120 A49					
		02.11-	113998	28 110	02.11-	115440	24 7.0		
		02.11-	114007*	28 80	02.11-	115556	24 5.5		
		02.11-	114528*	28 120	02.11-	115892	24 5.5 A49		
		02.11-	115486	28 80 A49					
19.440 12.4	(TGA)[D2676LF04]	02.06-	114528*	28 120	02.06-	115556	24 5.5		
		02.06-	115496	28 120 A49	02.06-	115892	24 5.5 A49		
	(TGS)	02.11-	113998	28 110	02.11-	115440	24 7.0		
		02.11-	114007*	28 80	02.11-	115556	24 5.5		
		02.11-	114528*	28 120	02.11-	115892	24 5.5 A49		
		02.11-	115486	28 80 A49					
		02.11-	115492	28 110 A49					
		02.11-	115496	28 120 A49					
		19.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35			
19.462 18.3	(F 90)[D2840LF/460]	05.87- 02.90	110761#	28 35	05.87- 02.90	110210	24 6.6		
		05.87- 02.90	110895	28 55	05.87- 02.90	111046	24 6.6		
		05.87- 02.90	112159	28 80	05.87- 02.90	112120	24 6.6		
					05.87- 02.90	113855	24 5.4		
19.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55	01.94-	110206	24 5.4		
		01.94-	112159	28 80	01.94-	111046	24 6.6		
		01.94-	113289	28 90	01.94-	113855	24 5.4		
		01.94-	113295	28 55					
19.464 12.8	(F 2000)[D2876LF06]	06.98- 07.01	110895	28 55	06.98- 09.01	110206	24 5.4		
		06.98- 01.01	113289	28 90					
		06.98- 01.01	113295	28 55					
		06.98- 07.01	113920	28 35					
19.480 12.4	(TGA)[D2676LF02]	02.06-	114528*	28 120	02.06-	115556	24 5.5		
		02.06-	115496	28 120 A49	02.06-	115892	24 5.5 A49		
		(TGS)	02.11-	113998	28 110	02.11-	115440	24 7.0	
			02.11-	114007*	28 80	02.11-	115556	24 5.5	
			02.11-	114528*	28 120	02.11-	115892	24 5.5 A49	
	02.11-		115486	28 80 A49					
	02.11-		115492	28 110 A49					
	(TGA)[D2676LF03]	02.06-	114528*	28 120	02.06-	115556	24 5.5		
		02.06-	115496	28 120 A49	02.06-	115892	24 5.5 A49		
		(TGS)	02.11-	113998	28 110	02.11-	115440	24 7.0	
			02.11-	114007*	28 80	02.11-	115556	24 5.5	
			02.11-	114528*	28 120	02.11-	115892	24 5.5 A49	
	02.11-		115486	28 80 A49					
	02.11-		115492	28 110 A49					
	(TGS)[D2676LF20]	02.11-	115496	28 120 A49					
		02.11-	113998	28 110	02.11-	115440	24 7.0		
		02.11-	114007*	28 80	02.11-	115556	24 5.5		
		02.11-	114528*	28 120	02.11-	115892	24 5.5 A49		
		02.11-	115486	28 80 A49					
	(TGS)[D2676LF31]	02.11-	115492	28 110 A49					
02.11-		115496	28 120 A49						
02.11-		113998	28 110	02.11-	115440	24 7.0			
02.11-		114007*	28 80	02.11-	115556	24 5.5			
02.11-		114528*	28 120	02.11-	115892	24 5.5 A49			
(TGS)[D2676LF31]	02.11-	115486	28 80 A49						
	02.11-	115492	28 110 A49						
	02.11-	115496	28 120 A49						
	02.11-	113998	28 110	02.11-	115440	24 7.0			
	02.11-	114007*	28 80	02.11-	115556	24 5.5			
19.480 12.8	(TGA)[D2876LF25]	05.04-	114008	28 80					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

MAN Continued

19.502	18.3	(F 90)[D2840LF01]	02.90- 06.96	110761#	28 35	02.90- 06.96	110210	24 6.6
			02.90- 06.96	110895	28 55	02.90- 06.96	111046	24 6.6
			02.90- 06.96	112159	28 80			
			02.90- 06.96	113920	28 35			
		(F 90)[D2840LF04]	02.90- 06.96	110761#	28 35	02.90- 06.96	110210	24 6.6
			02.90- 06.96	110895	28 55	02.90- 06.96	111046	24 6.6
			02.90- 06.96	112159	28 80			
			02.90- 06.96	113920	28 35			
		(F 90)[D2840LF06]	02.90- 06.96	110761#	28 35	02.90- 06.96	110210	24 6.6
			02.90- 06.96	110895	28 55	02.90- 06.96	111046	24 6.6
			02.90- 06.96	112159	28 80			
			02.90- 06.96	113920	28 35			
19.603	18.3	(F 2000)[D2840LF20]				04.96-	110210	24 6.6
						04.96-	111046	24 6.6
						04.96-	112120	24 6.6
						04.96-	113855	24 5.4
20.224	6.9	(M 2000 L)	05.01-	110895	28 55			
21.360	10.5	(TGS)[D2066LF64]	10.07-	113998	28 110			
			10.07-	114007*	28 80			
			10.07-	114528*	28 120			
			10.07-	115486	28 80 A49			
			10.07-	115496	28 120 A49			
21.400	10.5	(TGS)[D2066LF63]	10.07-	114007*	28 80			
			10.07-	114528*	28 120			
			10.07-	115486	28 80 A49			
			10.07-	115496	28 120 A49			
21.440	10.5	(TGS)[D2066LF62]	10.07-	113998	28 110			
			10.07-	114007*	28 80			
			10.07-	114528*	28 120			
			10.07-	115486	28 80 A49			
21.440	12.4	(TGS)[D2676LF04]	10.07-	113998	28 110			
			10.07-	114007*	28 80			
			10.07-	114528*	28 120			
			10.07-	115486	28 80 A49			
			10.07-	115496	28 120 A49			
21.480	12.4	(TGS)[D2676LF20]	10.07-	113998	28 110			
			10.07-	114007*	28 80			
			10.07-	114528*	28 120			
			10.07-	115486	28 80 A49			
			10.07-	115496	28 120 A49			
22.240	6.9	(TGM)[D0836LFL53]	10.05-	114007*	28 80			
			10.05-	115486	28 80 A49			
22.250	6.9	(TGM)[D0836LFL63]	10.05-	114007*	28 80			
			10.05-	115486	28 80 A49			
22.280	6.9	(TGM)[D0836LFL54]	10.05-	114007*	28 80			
			10.05-	115486	28 80 A49			
22.290	6.9	(TGM)[D0836LFL64]	10.05-	114007*	28 80			
			10.05-	115486	28 80 A49			
23.293	10.0	(F 2000)[D2865LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4
			01.94-	112159	28 80	01.94-	110210	24 6.6
			01.94- 01.00	113920	28 35	01.94-	111046	24 6.6
						01.94-	112120	24 6.6
						01.94-	113855	24 5.4
		(F 2000)[D2865LF24]	04.95-	110895	28 55	04.95-	110206	24 5.4
			04.95-	112159	28 80	01.94-	111046	24 6.6
			04.95- 01.00	113920	28 35	01.94-	112120	24 6.6
						01.94-	113855	24 5.4
						05.01-	110206	24 5.4
23.314	12.0	(F 2000)	05.01-	110895	28 55			
			05.01-	112159	28 80			
			05.01-	113289	28 90			
			05.01-	113295	28 55			
			05.01-	113920	28 35			
23.343	10.0	(F 2000)[D2865LF21]	01.94-	110895	28 55	01.94-	110206	24 5.4
			01.94-	112159	28 80	01.94-	111046	24 6.6
			01.94- 01.00	113920	28 35	01.94-	113855	24 5.4
						05.01-	110206	24 5.4
23.364	12.0	(F 2000)	05.01-	110895	28 55			
			05.01-	112159	28 80			
			05.01-	113289	28 90			
			05.01-	113295	28 55			
			05.01-	113920	28 35			
23.403	12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4
			01.94-	112159	28 80	01.94-	111046	24 6.6
			01.94-	113289	28 90	01.94-	113855	24 5.4
			01.94-	113295	28 55			
			01.94- 09.00	113920	28 35			
23.414	12.0	(F 2000)	05.01-	110895	28 55	05.01-	110206	24 5.4
			05.01-	112159	28 80			
			05.01-	113289	28 90			
			05.01-	113295	28 55			
			05.01-	113920	28 35			
23.463	12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55	01.94-	110206	24 5.4
			01.94-	112159	28 80	01.94-	111046	24 6.6
			01.94-	113289	28 90	01.94-	113855	24 5.4
			01.94-	113295	28 55			
23.464	12.8	(F 2000)	05.01-	110895	28 55	05.01-	110206	24 5.4
			05.01-	112159	28 80			
			05.01-	113289	28 90			
			05.01-	113295	28 55			
			05.01-	113920	28 35			
24.192	6.9	(M 90)[D0826LF01]	05.87-	110116	28 35	07.89- 06.96	111640	24 4.0
			07.89- 06.96	110895	28 55	07.89- 06.96	113468	24 4.0
			07.89- 06.96	112159	28 80			
		(M 90)[D0826LF05]	05.87-	110116	28 35	07.89- 06.96	111640	24 4.0
			07.89- 06.96	110895	28 55	07.89- 06.96	113468	24 4.0



	(M 90)[D0826LF07]	05.87- 07.89- 06.96 07.89- 06.96 08.94- 06.96	110116 110895 112159 113920	28 35 28 55 28 80 28 35		07.89- 06.96 07.89- 06.96	111640 113468	24 4.0 24 4.0
24.222 6.9	(M 90)[D0826LF11]	05.94- 06.96 05.94- 06.96 05.94- 06.96 05.94- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35		05.94- 06.96 05.94- 06.96	113468 113759	24 4.0 24 4.0
24.232 6.9	(M 90)[D0826LF/217/Silent]	05.90- 03.92 05.90- 04.95 05.90- 04.95 04.92- 04.95	110761# 110895 112159 113920	28 35 28 55 28 80 28 35		05.90- 04.95 05.90- 04.95	111640 113468	24 4.0 24 4.0
	(M 90)[D0826LF02]	07.89- 06.96 07.89- 06.96	110895 112159	28 55 28 80		07.89- 06.96 07.89- 06.96	111640 113468 113759	24 4.0 24 4.0 24 4.0
	(M 90)[D0826LF06]	07.89- 06.96 07.89- 06.96 07.89- 06.96	110895 111141 112159	28 55 14 55 28 80		07.89- 06.96 07.89- 06.96	113468 113759	24 4.0 24 4.0
	(M 90)[D0826LF08]	07.89- 06.96 07.89- 06.96 07.89- 06.96 05.94- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35		07.89- 06.96 07.89- 06.96	113468 113759	24 4.0 24 4.0
24.242 12.0	(F 90)[D2866F/240]	01.88- 02.90 01.88- 02.90	110761# 110895	28 35 28 55		01.88- 07.88 01.88- 02.90 01.88- 02.90	110206 111046 113855	24 5.4 24 6.6 24 5.4
24.262 10.0	(F 90)[D2865LF/260]	01.88- 02.90 01.88- 02.90 01.88- 02.90	110761# 110895 112159	28 35 28 55 28 80		01.88- 02.90 01.88- 02.90 01.88- 02.90 01.88- 02.90 01.88- 02.90	110206 110210 111046 112120 113855	24 5.4 24 6.6 24 6.6 24 6.6 24 5.4
24.262 6.9	(M 90)[D0826LF13]	08.95- 06.96 08.95- 06.96 08.95- 06.96 08.95- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35		08.95- 06.96 08.95- 06.96	113468 113759	24 4.0 24 4.0
24.272 10.0	(F 90)[D2865LF02]	02.90- 04.95 02.90- 05.95 02.90- 05.95 11.93- 05.95	110761# 110895 112159 113920	28 35 28 55 28 80 28 35		02.90- 05.95 02.90- 05.95 02.90- 05.95 02.90- 05.95	110206 110210 111046 112120 113855	24 5.4 24 6.6 24 6.6 24 6.6 24 5.4
	(M 90)	09.91- 10.93 09.91- 05.94 09.91- 05.94 11.93- 05.94	110761# 110895 112159 113920	28 35 28 55 28 80 28 35		09.91- 05.94 09.91- 05.94 09.91- 05.94 09.91- 05.94	110206 110210 111046 112120 113855	24 5.4 24 6.6 24 6.6 24 6.6 24 5.4
	(F 90)[D2865LF05]	02.90- 05.95 02.90- 05.95 02.90- 05.95	110895 112159 113920	28 55 28 80 28 35		02.90- 05.95 02.90- 05.95 02.90- 05.95	110206 110210 111046 112120 113855	24 5.4 24 6.6 24 6.6 24 6.6 24 5.4
24.272 6.9	(M 90)[D0826LF04]	10.92- 06.96 10.92- 06.96 10.92- 06.96 05.94- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35		10.92- 06.96 10.92- 06.96 10.92- 06.96	111640 113468 113759	24 4.0 24 4.0 24 4.0
24.273 10.0	(F 2000)[D2865LF22]	01.94- 12.95 01.94- 12.95 01.94- 12.95	110895 112159 113920	28 55 28 80 28 35		01.94- 12.95 01.94- 12.95	110206 111046 113855	24 5.4 24 6.6 24 5.4
24.292 12.0	(F 90)[D2866LF/290]	10.86- 02.90 10.86- 02.90 10.86- 02.90	110761# 110895 112159	28 35 28 55 28 80		10.86- 02.90 10.86- 02.90 10.86- 02.90	110206 111046 113855	24 5.4 24 6.6 24 5.4
24.293 10.0	(F 2000)[D2865LF24]	01.94- 01.94- 01.94- 01.00	110895 112159 113920	28 55 28 80 28 35		01.94- 01.94- 01.94-	110206 111046 113855	24 5.4 24 6.6 24 5.4
24.302 12.0	(F 90)[D2866LF04]	05.90- 04.95 05.90- 04.95 05.90- 04.95	110761# 110895 112159	28 35 28 55 28 80		05.90- 12.90 05.90- 04.95 05.90- 04.95	110206 111046 113855	24 5.4 24 6.6 24 5.4
24.314 12.0	(F 2000)	05.01-	110895	28 55				
24.320 10.5	(TGS)[D2066LF28]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49				
		10.07-	113998	28 110		10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	(TGS)[D2066LF39]	10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007* 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49				
	(TGS)[D2066LF43]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49		10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	(TGS)[D2066LF53]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49				
	(TGS)[D2066LF68]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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24.322	10.0	(F 90)[D2865LF03]	02.90- 12.90	110761#	28 35	02.90- 12.90	110206	24 5.4		
			02.90- 05.95	110895	28 55	02.90- 05.95	110210	24 6.6		
			02.90- 05.95	112159	28 80	02.90- 05.95	111046	24 6.6		
		(F 90)[D2865LF06]	02.90- 05.95	110895	28 55	02.90- 05.95	112120	24 6.6		
			02.90- 05.95	112159	28 80	02.90- 05.95	113855	24 5.4		
			02.90- 05.95	113920	28 35	02.90- 05.95	110206	24 5.4		
	24.322	10.0	(F 90)[D2865LF03]	02.90- 12.90	110761#	28 35	02.90- 12.90	110206	24 5.4	
				02.90- 12.90	110895	28 55	02.90- 12.90	110210	24 6.6	
				02.90- 12.90	112159	28 80	02.90- 12.90	111046	24 6.6	
							02.90- 12.90	112120	24 6.6	
							02.90- 12.90	113855	24 5.4	
24.323	10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4		
			01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6		
			01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4		
24.332	12.0	(F 90)[D2866LF/330]	10.86- 02.90	110761#	28 35	10.86- 02.90	110206	24 5.4		
			10.86- 02.90	110895	28 55	10.86- 02.90	111046	24 6.6		
			10.86- 02.90	112159	28 80	10.86- 02.90	113855	24 5.4		
24.332	12.0	Unterflur	(F 90)[D2866LUL/330]	10.86- 02.90	110895	28 55	10.86- 02.90	110206	24 5.4	
24.342	10.0	(F 90)[D2865LF09]	05.94- 05.95	110895	28 55	05.94- 05.95	110206	24 5.4		
			05.94- 05.95	112159	28 80	05.94- 05.95	110210	24 6.6		
			05.94- 05.95	113920	28 35	05.94- 05.95	111046	24 6.6		
24.343	10.0	(F 2000)[D2865LF21]	01.94- 01.00	110895	28 55	01.94- 01.00	110206	24 5.4		
			01.94- 01.00	112159	28 80	01.94- 01.00	111046	24 6.6		
			01.94- 01.00	113920	28 35	01.94- 01.00	113855	24 5.4		
24.350	10.5	(TGA)[D2066LF03]	05.04- 09.06	114528*	28 120					
			05.04- 09.06	115486	28 80 A49					
			05.04- 09.06	115492	28 110 A49					
			05.04- 09.06	115496	28 120 A49					
						05.04- 09.06	115556	24 5.5		
						05.04- 09.06	115892	24 5.5	A49	
			(TGA)[D2066LF13]	02.04- 09.06	114528*	28 120				
				02.04- 09.06	115486	28 80 A49				
				02.04- 09.06	115492	28 110 A49				
				02.04- 09.06	115496	28 120 A49				
							05.04- 09.06	115556	24 5.5	
							05.04- 09.06	115892	24 5.5	A49
		(TGA)[D2066LF33]	02.04- 09.06	114528*	28 120					
			02.04- 09.06	115486	28 80 A49					
			02.04- 09.06	115492	28 110 A49					
			02.04- 09.06	115496	28 120 A49					
						05.04- 09.06	115556	24 5.5		
						05.04- 09.06	115892	24 5.5	A49	
		(TGA)[D2066LF38]	02.04- 09.06	114528*	28 120					
			02.04- 09.06	115486	28 80 A49					
			02.04- 09.06	115492	28 110 A49					
			02.04- 09.06	115496	28 120 A49					
						05.04- 09.06	115556	24 5.5		
						05.04- 09.06	115892	24 5.5	A49	
24.360	10.5	(TGA)[D2066LF03]	02.04- 09.06	114528*	28 120					
			02.04- 09.06	115486	28 80 A49					
			02.04- 09.06	115492	28 110 A49					
			02.04- 09.06	115496	28 120 A49					
						05.04- 09.06	115556	24 5.5		
						05.04- 09.06	115892	24 5.5	A49	
			(TGA)[D2066LF13]	02.04- 09.06	114528*	28 120				
				02.04- 09.06	115486	28 80 A49				
				02.04- 09.06	115492	28 110 A49				
				02.04- 09.06	115496	28 120 A49				
							05.04- 09.06	115556	24 5.5	
							05.04- 09.06	115892	24 5.5	A49
		(TGS)[D2066LF27]	10.07- 10.07	115486	28 80 A49					
			10.07- 10.07	115492	28 110 A49					
						10.07- 10.07	115556	24 5.5		
						10.07- 10.07	115892	24 5.5	A49	
			(TGX)	10.07- 10.07	115486	28 80 A49				
				10.07- 10.07	115492	28 110 A49				
		(TGA)[D2066LF33]	10.07- 10.07	113998	28 110					
						10.07- 10.07	115556	24 5.5		
						10.07- 10.07	115892	24 5.5	A49	
			02.04- 07.06	114528*	28 120					
			02.04- 07.06	115486	28 80 A49					
			02.04- 07.06	115492	28 110 A49					
(TGA)[D2066LF38]	02.04- 09.06	114528*	28 120							
	02.04- 09.06	115486	28 80 A49							
	02.04- 09.06	115492	28 110 A49							
	02.04- 09.06	115496	28 120 A49							
				05.04- 09.06	115556	24 5.5				
				05.04- 09.06	115892	24 5.5	A49			
(TGS)	10.07- 10.07	115486	28 80 A49							
	10.07- 10.07	115492	28 110 A49							
				10.07- 10.07	115556	24 5.5				
				10.07- 10.07	115892	24 5.5	A49			
	(TGX)	10.07- 10.07	113998	28 110						
					10.07- 10.07	115556	24 5.5			
(TGS)[D2066LF42]	10.07- 10.07	115486	28 80 A49							
	10.07- 10.07	115492	28 110 A49							
				10.07- 10.07	115556	24 5.5				
				10.07- 10.07	115892	24 5.5	A49			
				10.07- 10.07	115556	24 5.5				
				10.07- 10.07	115892	24 5.5	A49			



	(TGX)	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49				
		10.07-	113998	28 110	10.07- 10.07-	115556 115892	24 5.5 24 5.5	A49
	(TGX)[D2066LF52]	10.07- 10.07- 10.07-	115486 115492 113998	28 80 A49 28 110 A49 28 110				
	(TGX)[D2066LF67]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49				
		10.07-	113998	28 110	10.07- 10.07-	115556 115892	24 5.5 24 5.5	A49
24.360	12.0 (TGA)[D2866LF27]	11.02- 11.02- 11.02- 05.04	113289 113295 114008	28 90 28 55 28 80	11.02-	110206	24 5.4	
24.362	12.0 (F 90)[D2866KF]	10.86- 02.90 10.86- 02.90 10.86- 02.90	110761# 110895 112159	28 35 28 55 28 80	10.86- 02.90 10.86- 02.90 10.86- 02.90	110206 111046 113855	24 5.4 24 6.6 24 5.4	
	(F 90)[D2866LXF]	10.86- 02.90 10.86- 02.90 10.86- 02.90	110761# 110895 112159	28 35 28 55 28 80	10.86- 02.90 10.86- 02.90 10.86- 02.90	110206 111046 113855	24 5.4 24 6.6 24 5.4	
24.362	12.0 Unterflur (F 90)[D2866KUL]	10.86- 02.90	110895	28 55				
	Eng. -4912000	10.86- 02.90	110761#	28 35	10.86- 02.90	110206	24 5.4	
24.364	12.0 (F 2000)	05.01-	110895	28 55				
24.372	12.0 (F 90)[D2866LF03]	02.90- 10.92 02.90- 10.92 02.90- 10.92	110761# 110895 112159	28 35 28 55 28 80	02.90- 05.95 02.90- 05.95 02.90- 05.95	110206 111046 113855	24 5.4 24 6.6 24 5.4	
	(F 90)[D2866LF15]	02.90- 05.95 02.90- 05.95 02.90- 05.95	110761# 110895 112159	28 35 28 55 28 80	02.90- 12.94 02.90- 05.95 02.90- 05.95	110206 111046 113855	24 5.4 24 6.6 24 5.4	
	(F 90)[D2866LXF/Silent]	05.90- 12.90 05.90- 12.90 05.90- 12.90	110761# 110895 112159	28 35 28 55 28 80	05.90- 12.90 05.90- 12.90 05.90- 12.90	110206 111046 113855	24 5.4 24 6.6 24 5.4	
24.372	12.0 Unterflur (F 90)[D2866LF03]	02.90- 12.90 02.90- 12.90 02.90- 12.90	110761# 110895 112159	28 35 28 55 28 80	02.90- 12.90 02.90- 12.90 02.90- 12.90	110206 111046 113855	24 5.4 24 6.6 24 5.4	
	(F 90)[D2866LF15]	02.90- 05.95 02.90- 05.95 02.90- 05.95	110761# 110895 112159	28 35 28 55 28 80	02.90- 10.94 02.90- 05.95 02.90- 05.95	110206 111046 113855	24 5.4 24 6.6 24 5.4	
24.373	12.0 (F 2000)[D2866LF21]	01.94- 12.95 01.94- 12.95 01.94- 12.95	110895 112159 113920	28 55 28 80 28 35	01.94- 12.95 01.94- 12.95 01.94- 12.95	110206 111046 113855	24 5.4 24 6.6 24 5.4	
24.390	10.5 (TGA)[D2066LF02]	05.04- 05.04- 09.06 05.04- 09.06 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
		05.04-	113998	28 110	05.04- 05.04-	115556 115892	24 5.5 24 5.5	A49
	(TGA)[D2066LF12]	05.04- 05.04- 09.06 05.04- 09.06 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
		05.04-	113998	28 110	05.04- 05.04-	115556 115892	24 5.5 24 5.5	A49
	(TGA)[D2066LF32]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
		05.04-	113998	28 110	05.04- 05.04-	115556 115892	24 5.5 24 5.5	A49
24.400	10.5 (TGA)[D2066LF02]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
		05.04-	113998	28 110	05.04- 05.04-	115556 115892	24 5.5 24 5.5	A49
	(TGA)[D2066LF12]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
		05.04-	113998	28 110	05.04- 05.04-	115556 115892	24 5.5 24 5.5	A49
	(TGS)[D2066LF26]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49				
		10.07- 10.07-	113998 115486	28 110 28 80 A49	10.07- 10.07-	115556 115892	24 5.5 24 5.5	A49
	(TGX)	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49				
		10.07- 10.07-	113998 115486	28 110 28 80 A49	10.07- 10.07-	115556 115892	24 5.5 24 5.5	A49
	(TGA)[D2066LF37]	05.04- 05.04- 07.06 05.04- 07.06 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
		05.04-	113998	28 110	05.04- 05.04-	115556 115892	24 5.5 24 5.5	A49
	(TGS)	10.07- 10.07- 10.07- 10.07-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
		10.07- 10.07-	113998 115486	28 110 28 80 A49	10.07- 10.07-	115556 115892	24 5.5 24 5.5	A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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	(TGX)	10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
		10.07-	113998	28 110		10.07-	115556	24 5.5
	(TGS)[D2066LF41]					10.07-	115892	24 5.5 A49
						10.07-	115556	24 5.5
						10.07-	115892	24 5.5 A49
	(TGX)	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110		10.07-	115556	24 5.5
	(TGX)[D2066LF51]					10.07-	115892	24 5.5 A49
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110				
	(TGX)[D2066LF61]	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110		10.07-	115556	24 5.5
						10.07-	115892	24 5.5 A49
24.402 12.0	(F 90)[D2866LF16]	05.94- 05.95	110761#	28 35		05.94- 12.94	110206	24 5.4
		05.94- 05.95	110895	28 55		05.94- 05.95	111046	24 6.6
		05.94- 05.95	112159	28 80		05.94- 05.95	113855	24 5.4
24.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55		01.94-	110206	24 5.4
		01.94-	112159	28 80		01.94-	111046	24 6.6
		01.94-	113289	28 90		01.94-	113855	24 5.4
		01.94-	113295	28 55				
		01.94- 09.01	113920	28 35				
24.410 12.0	(TGA)[D2866LF28]	11.02-	113289	28 90		11.02-	110206	24 5.4
		11.02-	113295	28 55				
24.414 12.0	(F 2000)	05.01-	110895	28 55				
24.422 12.0	(F 90)[D2866LF06]	02.90- 12.90	110761#	28 35		02.90- 12.90	110206	24 5.4
		02.90- 12.90	110895	28 55		02.90- 05.95	111046	24 6.6
		02.90- 12.90	112159	28 80		02.90- 05.95	113855	24 5.4
	(F 90)[D2866LF09]	02.90- 05.95	110761#	28 35		02.90- 12.94	110206	24 5.4
		02.90- 05.95	110895	28 55		02.90- 05.95	111046	24 6.6
		02.90- 05.95	112159	28 80		02.90- 05.95	113855	24 5.4
24.422 12.0 Unterflur	(F 90)[D2866LF06]	02.90- 12.90	110761#	28 35		02.90- 12.90	110206	24 5.4
		02.90- 12.90	110895	28 55		02.90- 12.90	111046	24 6.6
		02.90- 12.90	112159	28 80		02.90- 12.90	113855	24 5.4
24.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28 55		01.94- 12.95	110206	24 5.4
		01.94- 12.95	112159	28 80		01.94- 12.95	111046	24 6.6
		01.94- 12.95	113289	28 90		01.94- 12.95	113855	24 5.4
		01.94- 12.95	113295	28 55				
		01.94- 12.95	113920	28 35				
24.430 10.5	(TGA)[D2066LF01]	05.04-	114528*	28 120				
		05.04- 09.06	115486	28 80 A49				
		05.04- 09.06	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		05.04-	113998	28 110		05.04-	115556	24 5.5
	(TGA)[D2066LF11]					05.04-	115892	24 5.5 A49
		05.04-	114528*	28 120				
		05.04- 09.06	115486	28 80 A49				
		05.04- 09.06	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		05.04-	113998	28 110		05.04-	115556	24 5.5
	(TGA)[D2066LF23]					05.04-	115892	24 5.5 A49
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		05.04-	113998	28 110		05.04-	115556	24 5.5
	(TGA)[D2066LF31]					05.04-	115892	24 5.5 A49
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		05.04-	113998	28 110		05.04-	115556	24 5.5
						05.04-	115892	24 5.5 A49
24.440 10.5	(TGA)[D2066LF01]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		05.04-	113998	28 110				
	(TGA)[D2066LF11]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		05.04-	113998	28 110		05.04-	115556	24 5.5
	(TGA)[D2066LF25]					05.04-	115892	24 5.5 A49
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		05.04-	113998	28 110		05.04-	115556	24 5.5
						05.04-	115892	24 5.5 A49
	(TGS)	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110		10.07-	115556	24 5.5
						10.07-	115892	24 5.5 A49
	(TGX)	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110		10.07-	115556	24 5.5
						10.07-	115892	24 5.5 A49



	(TGA)[D2066LF31]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49					
		05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGA)[D2066LF36]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGS)	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49			10.07- 10.07-	115892 115440 115556	24 5.5 A49 24 7.0 24 5.5
	(TGX)	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49			10.07- 10.07-	115892 115440 115556	24 5.5 A49 24 7.0 24 5.5
	(TGS)[D2066LF40]	10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49			10.07- 10.07-	115440 115556 115892	24 7.0 24 5.5 24 5.5 A49
	(TGX)	10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49			10.07- 10.07-	115440 115556 115892	24 7.0 24 5.5 24 5.5 A49
	(HOCL-N)[D2066LOH10]	10.07-	113998	28 110			10.07- 10.07-	115440 115556	24 7.0 24 5.5
24.440 12.4	(TGS)[D2676LF22]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49			10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	(TGX)	10.07- 10.07-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49			10.07- 10.07- 10.12- 10.12-	115556 115892 115556 115892	24 5.5 24 5.5 A49 24 5.5 24 5.5 A49
	(TGS)[D2676LF26]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49			10.07- 10.07- 10.12- 10.12-	115556 115892 115556 115892	24 5.5 24 5.5 A49 24 5.5 24 5.5 A49
	(TGX)	10.07- 10.07- 10.12- 10.12-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49			10.07- 10.07- 10.12- 10.12-	115556 115892 115556 115892	24 5.5 24 5.5 A49 24 5.5 24 5.5 A49
24.460 12.8	(TGA)[D2876LF04]	11.02- 11.02-	113289 113295	28 90 28 55			11.02- 11.02-	110206	24 5.4
24.462 18.3	(F 90)[D2840LF/460]	05.87- 02.90 05.87- 02.90 05.87- 02.90	110761# 110895 112159	28 35 28 55 28 80			05.87- 02.90 05.87- 02.90 05.87- 02.90 05.87- 02.90	110210 111046 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
24.463 12.8	(F 2000)[D2876LF02]	01.94- 01.94- 01.94- 01.94-	110895 112159 113289 113295	28 55 28 80 28 90 28 55			01.94- 01.94- 01.94- 01.94-	110206 111046 113855	24 5.4 24 6.6 24 5.4
24.464 12.8	(F 2000)	05.01-	110895	28 55					
24.480 12.4	(TGA)[D2676LF01]	01.06- 01.06-	115486 115492	28 80 A49 28 110 A49			01.06- 01.06-	115556 115892	24 5.5 24 5.5 A49
		01.06- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49			01.06- 10.07- 10.07-	115892 115440 115556	24 5.5 A49 24 7.0 24 5.5
	(TGS)[D2676LF05]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49			10.07- 10.07-	115892 115440 115556	24 5.5 A49 24 7.0 24 5.5
	(TGX)	10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49			10.07- 10.07-	115892 115440 115556	24 5.5 A49 24 7.0 24 5.5
	(TGS)[D2676LF07]	10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49			10.07- 10.07-	115892 115440 115556	24 5.5 A49 24 7.0 24 5.5
	(TGX)	10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49			10.07- 10.07-	115892 115440 115556	24 5.5 A49 24 7.0 24 5.5
	(TGA)[D2676LF12]	01.06- 01.06-	115486 115492	28 80 A49 28 110 A49			01.06- 01.06-	115556 115892	24 5.5 24 5.5 A49
	(TGS)[D2676LF14]	01.06- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49			01.06- 10.07- 10.07-	115892 115556 115892	24 5.5 A49 24 5.5 24 5.5 A49
	(TGX)	10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49			10.07- 10.07-	115892 115440 115556	24 5.5 A49 24 7.0 24 5.5
	(TGX)[D2676LF21]	10.07- 10.07- 10.07-	113998 115486 115492 113998	28 110 28 80 A49 28 110 A49 28 110			10.07- 10.07- 10.07-	115892 115440 115556	24 5.5 A49 24 7.0 24 5.5
	(TGX)[D2676LF25]	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49			10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
		10.07-	113998	28 110			10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MAN Continued

24.480	12.8	(TGA)[D2876LF12]	09.02-	113998	28 110	06.03-	110206	24 5.4
			09.02- 09.06	114008	28 80	09.02-	114031	24 5.5
24.502	18.3	(F 90)[D2840LF01]	02.90- 12.90	110895	28 55	02.90- 12.90	110210	24 6.6
			02.90- 12.90	112159	28 80	02.90- 12.90	111046	24 6.6
			02.90- 12.90	113920	28 35	02.90- 12.90	112120	24 6.6
						02.90- 12.90	113855	24 5.4
24.510	12.8	(TGA)[D2876LF05]	11.02- 06.03	113289	28 90	11.02- 06.03	110206	24 5.4
			11.02- 06.03	113295	28 55			
24.530	12.8	(TGA)[D2876LF13]	09.01-	113998	28 110	12.02-	110206	24 5.4
			12.02- 09.06	114008	28 80	09.01-	113855	24 5.4
24.540	12.4	(TGS)[D2676LF06]				09.01-	114031	24 5.5
						09.01-	115886	24 5.5 A49
		(TGX)	10.07-	115486	28 80 A49	10.07-	115556	24 5.5
			10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49
			02.09-	114528*	28 120			
			02.09-	115496	28 120 A49			
						10.07-	115440	24 7.0
						10.07-	115556	24 5.5
		(TGA)[D2676LF11]	01.06-	115486	28 80 A49			
			01.06-	115492	28 110 A49			
		(TGA)[D2676LF13]				01.06-	115556	24 5.5
						01.06-	115892	24 5.5 A49
		(TGS)	10.07-	115486	28 80 A49	10.07-	115892	24 5.5 A49
			10.07-	115492	28 110 A49			
(TGX)	10.07-	113998	28 110	10.07-	115440	24 7.0		
	10.07-	115486	28 80 A49	10.07-	115556	24 5.5		
	10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49		
				10.07-	115440	24 7.0		
				10.07-	115556	24 5.5		
25.224	6.9	(M 2000 M)[D0826LF15]	08.95-	110895	28 55	08.95-	111640	24 4.0
			08.95-	112159	28 80	08.95-	113468	24 4.0
			08.95-	113289	28 90	08.95- 12.05	113759	24 4.0
			08.95-	113295	28 55			
			08.95- 03.97	113920	28 35			
		(M 2000 M)[D0826LF18]	08.95-	110895	28 55	08.95- 09.99	111640	24 4.0
			08.95-	112159	28 80	02.00-	112446	24 4.0
			08.95-	113289	28 90	08.95- 01.00	113468	24 4.0
			08.95-	113295	28 55	08.95- 12.05	113759	24 4.0
			08.95- 03.97	113920	28 35			
25.255	6.9	(M 2000 M)[D0836LF05]	10.00-	113295	28 55	10.00-	112446	24 4.0
						10.00-	113759	24 4.0
		(M 2000 M)[D0836LFL05]	10.00-	113295	28 55	10.00-	112446	24 4.0
						10.00-	113759	24 4.0
25.264	6.9	(M 2000 M)[D0826LF17]	08.95-	110895	28 55	08.95-	111640	24 4.0
			08.95-	112159	28 80	08.95-	113468	24 4.0
			08.95-	113289	28 90	08.95- 12.05	113759	24 4.0
			08.95-	113295	28 55			
			08.95- 09.01	113920	28 35			
25.272	10.0	(F 90)[D2865LF02]	09.90- 10.93	110761#	28 35	09.90- 10.93	110206	24 5.4
			09.90- 10.93	110895	28 55	09.90- 10.93	110210	24 6.6
			09.90- 10.93	112159	28 80	09.90- 10.93	111046	24 6.6
						09.90- 10.93	112120	24 6.6
						09.90- 10.93	113855	24 5.4
		(F 90)[D2865LF05]	09.90- 10.93	110761#	28 35	09.90- 10.93	110206	24 5.4
			09.90- 10.93	110895	28 55	09.90- 10.93	110210	24 6.6
			09.90- 10.93	112159	28 80	09.90- 10.93	111046	24 6.6
						09.90- 10.93	112120	24 6.6
						09.90- 10.93	113855	24 5.4
25.284	6.9	(M 2000 M)[D0836LF01]	02.00-	113295	28 55	02.00-	112446	24 4.0
						02.00-	113759	24 4.0
25.285	6.9	(M 2000 M)[D0836LF03]	02.03-	113289	28 90	02.03-	112446	24 4.0
			02.03-	113295	28 55	02.03-	113759	24 4.0
					02.03-	113468	24 4.0	
		(M 2000 M)[D0836LFL03]	02.03-	113295	28 55	02.03-	112446	24 4.0
				02.03-	113759	24 4.0		
25.302	12.0	(F 90)[D2866LF04]	09.90- 12.91	110761#	28 35	09.90- 11.90	110206	24 5.4
			09.90- 12.91	110895	28 55	09.90- 12.91	111046	24 6.6
			09.90- 12.91	112159	28 80	09.90- 12.91	113855	24 5.4
25.322	10.0	(F 90)[D2865LF03]	09.90- 12.92	110761#	28 35	09.90- 12.92	110206	24 5.4
			09.90- 12.92	110895	28 55	09.90- 12.92	110210	24 6.6
			09.90- 12.92	112159	28 80	09.90- 12.92	111046	24 6.6
					09.90- 12.92	112120	24 6.6	
					09.90- 12.92	113855	24 5.4	
		(F 90)[D2865LF06]	09.90- 12.92	110761#	28 35	09.90- 12.92	110206	24 5.4
			09.90- 12.92	110895	28 55	09.90- 12.92	110210	24 6.6
09.90- 12.92	112159		28 80	09.90- 12.92	111046	24 6.6		
				09.90- 12.92	112120	24 6.6		
			09.90- 12.92	113855	24 5.4			
25.322	10.0 Unterflur	(F 90)[D2865LF03]	09.90- 12.92	110761#	28 35	09.90- 11.91	110206	24 5.4
			09.90- 12.92	110895	28 55	09.90- 12.92	110210	24 6.6
			09.90- 12.92	112159	28 80	09.90- 12.92	111046	24 6.6
					09.90- 12.92	112120	24 6.6	
					09.90- 12.92	113855	24 5.4	
		(F 90)[D2865LF06]	09.90- 12.92	110761#	28 35	09.90- 12.92	110206	24 5.4
			09.90- 12.92	110895	28 55	09.90- 12.92	110210	24 6.6
			09.90- 12.92	112159	28 80	09.90- 12.92	111046	24 6.6
						09.90- 12.92	112120	24 6.6
						09.90- 12.92	113855	24 5.4
				09.90- 12.92	110206	24 5.4		
				09.90- 12.92	110210	24 6.6		
			09.90- 12.92	111046	24 6.6			
			09.90- 12.92	112120	24 6.6			
			09.90- 12.92	113855	24 5.4			



25.372 12.0	(F 90)[D2866LF03]	09.90- 10.93	110761#	28 35	09.90- 12.92	110206	24 5.4	
		09.90- 10.93	110895	28 55	09.90- 10.93	111046	24 6.6	
		09.90- 10.93	112159	28 80	09.90- 10.93	112120	24 6.6	
	(F 90)[D2866LF05]	09.90- 12.92	113855	24 5.4	09.90- 12.92	113855	24 5.4	
		09.90- 10.93	110761#	28 35	09.90- 12.92	110206	24 5.4	
		09.90- 10.93	110895	28 55	09.90- 10.93	111046	24 6.6	
	(F 90)[D2866LXF/Silent]	09.90- 10.93	112159	28 80	09.90- 10.93	112120	24 6.6	
		09.90- 10.93	110761#	28 35	09.90- 10.93	113855	24 5.4	
		09.90- 10.93	110895	28 55	09.90- 10.93	110206	24 5.4	
25.372 12.0 Unterflur	(F 90)[D2866LF03]	09.90- 10.93	112159	28 80	09.90- 10.93	111046	24 6.6	
		09.90- 12.92	110761#	28 35	09.90- 12.92	110206	24 5.4	
		09.90- 12.92	110895	28 55	09.90- 12.92	11046	24 6.6	
	(F 90)[D2866LF05]	09.90- 12.92	112159	28 80	09.90- 12.92	112120	24 6.6	
		09.90- 12.92	110761#	28 35	09.90- 12.92	113855	24 5.4	
		09.90- 12.92	110895	28 55	09.90- 12.92	110206	24 5.4	
	25.422 12.0	(F 90)[D2866LF06]	09.90- 12.92	112159	28 80	09.90- 12.92	11046	24 6.6
			09.90- 12.92	110761#	28 35	09.90- 12.92	113855	24 5.4
			09.90- 12.92	110895	28 55	09.90- 12.92	110206	24 5.4
(F 90)[D2866LF09]		09.90- 12.92	112159	28 80	09.90- 12.92	11046	24 6.6	
		09.90- 12.92	110761#	28 35	09.90- 12.92	113855	24 5.4	
		09.90- 12.92	110895	28 55	09.90- 12.92	110206	24 5.4	
25.422 12.0 Unterflur		(F 90)[D2866LF06]	09.90- 12.92	112159	28 80	09.90- 11.90	110206	24 5.4
			09.90- 12.92	110761#	28 35	09.90- 12.92	11046	24 6.6
			09.90- 12.92	110895	28 55	09.90- 12.92	113855	24 5.4
	(F 90)[D2866LF09]	09.90- 12.92	112159	28 80	09.90- 12.92	110206	24 5.4	
		09.90- 12.92	110761#	28 35	09.90- 12.92	11046	24 6.6	
		09.90- 12.92	110895	28 55	09.90- 12.92	113855	24 5.4	
	25.502 18.3	(F 90)[D2840LF01]	09.90- 12.92	112159	28 80	09.90- 12.92	110210	24 6.6
			09.90- 12.92	110895	28 55	09.90- 12.92	111046	24 6.6
			09.90- 12.92	113920	28 35	09.90- 12.92	112120	24 6.6
(F 90)[D2840LF04]		09.90- 12.92	113920	28 35	09.90- 12.92	113855	24 5.4	
		09.90- 12.92	110761#	28 35	09.90- 12.92	110210	24 6.6	
		09.90- 12.92	110895	28 55	09.90- 12.92	112120	24 6.6	
26.233 12.0		(F 2000)[E2866DF01]	09.90- 12.92	112159	28 80	09.90- 12.92	113855	24 5.4
			09.96- 08.02	110895	28 55	09.96- 08.02	11046	24 6.6
			09.96- 08.02	112159	28 80	09.96- 08.02	110206	24 5.4
26.233 12.0	(F 2000)	03.00-	110895	28 55	03.00-	110206	24 5.4	
26.242 12.0	(F 90)[D2866F/240]	09.90- 12.92	113920	28 35	09.90- 12.92	11046	24 6.6	
		01.88- 07.89	110761#	28 35	01.88- 03.89	110206	24 5.4	
		01.88- 07.89	110895	28 55	01.88- 07.89	111046	24 6.6	
26.262 10.0	(F 90)[D2865LF/260]	01.88- 07.89	113855	24 5.4	01.88- 07.89	113855	24 5.4	
		01.88- 02.90	110761#	28 35	01.88- 02.90	110206	24 5.4	
		01.88- 02.90	110895	28 55	01.88- 02.90	110210	24 6.6	
	(F 90)[D2865LF02]	01.88- 02.90	112159	28 80	01.88- 02.90	11046	24 6.6	
		02.90- 08.93	110761#	28 35	01.88- 02.90	112120	24 6.6	
		02.90- 06.96	110895	28 55	01.88- 02.90	113855	24 5.4	
	26.272 10.0	(F 90)[D2865LF05]	02.90- 06.96	113920	28 35	02.90- 12.95	113855	24 5.4
			02.90- 06.96	112159	28 80	02.90- 06.96	112120	24 6.6
			02.90- 06.96	110761#	28 35	02.90- 06.96	110206	24 5.4
(F 90)[D2865LF22]		02.90- 06.96	113920	28 35	02.90- 06.96	110210	24 6.6	
		02.90- 06.96	110895	28 55	02.90- 06.96	11046	24 6.6	
		02.90- 06.96	112159	28 80	02.90- 06.96	110206	24 5.4	
26.273 10.0		(F 2000)[D2865LF22]	09.93- 06.96	113920	28 35	02.90- 12.95	113855	24 5.4
			01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4
			01.94- 12.95	112159	28 80	01.94- 12.95	11046	24 6.6
26.280 6.9	(TGA)[D0836LF41]	01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4	
		11.02-	113998	28 110	11.02-	114001	24 4.0	
		11.02-	115486	28 80 A49	11.02-	115891	24 5.0 A49	
	(TGM)[D0836LFL51]	11.02-	115492	28 110 A49	04.06-	114001	24 4.0	
		04.06-	113998	28 110	04.06-	115891	24 5.0 A49	
		04.06-	115486	28 80 A49	04.06-	115891	24 5.0 A49	
	(TGM)[D0836LFL54]	04.06-	115492	28 110 A49	04.06-	115891	24 5.0 A49	
		10.05-	115492	28 110 A49	04.06-	115891	24 5.0 A49	
		10.05-	113998	28 110	04.06-	115891	24 5.0 A49	
26.285 6.9	(M 2000 L)	10.05-	113998	28 110	05.01-	112446	24 4.0	
		05.01-	111842	28 140	05.01-	113468	24 4.0	
		05.01-	113289	28 90	05.01-	113759	24 4.0	
26.290 6.9	(M 2000 L)	05.01-	113295	28 55	05.01-	113759	24 4.0	
		05.01-	113295	28 55	05.01-	113759	24 4.0	
		05.01-	113295	28 55	05.01-	113759	24 4.0	
26.290 6.9	(TGM)[D0836LFL64]	10.05-	114007*	28 80				
		10.05-	115486	28 80 A49				
		10.05-	115486	28 80 A49				
26.292 12.0	(F 90)[D2866LF/290]	09.87- 02.90	114007*	28 80	09.87- 02.90	110206	24 5.4	
		09.87- 02.90	110761#	28 35	09.87- 02.90	11046	24 6.6	
		09.87- 02.90	110895	28 55	09.87- 02.90	113855	24 5.4	
26.293 10.0	(F 2000)[D2865LF20]	09.87- 02.90	112159	28 80	09.87- 02.90	113855	24 5.4	
		01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94-	110210	24 6.6	
	(F 2000)[D2865LF24]	01.94- 09.01	113920	28 35	01.94-	11046	24 6.6	
		01.94-	110895	28 55	01.94-	112120	24 6.6	
		01.94-	112159	28 80	01.94-	113855	24 5.4	
	(F 2000)[D2865LF24]	01.94- 09.01	113920	28 35	01.94-	113855	24 5.4	
		01.94-	110895	28 55	01.94-	112120	24 6.6	
		01.94-	112159	28 80	01.94-	113855	24 5.4	
26.302 12.0	(F 90)[D2866LF04]	01.94- 09.01	113920	28 35	01.94-	11046	24 6.6	
		05.90- 12.91	110761#	28 35	05.90- 12.91	110206	24 5.4	
		05.90- 12.91	110895	28 55	05.90- 12.91	11046	24 6.6	
26.302 12.0	(F 90)[D2866LF04]	05.90- 12.91	112159	28 80	05.90- 12.91	113855	24 5.4	
		05.90- 12.91	110761#	28 35	05.90- 12.91	110206	24 5.4	
		05.90- 12.91	110895	28 55	05.90- 12.91	11046	24 6.6	

## STARTERS & ALTERNATORS

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26.310 10.5	(TGA)[D2066LF04]	01.04-	114528*	28 120				
		01.04- 09.06	115496	28 120 A49				
		02.04- 09.06	115486	28 80 A49				
		02.04- 09.06	115492	28 110 A49				
	02.04-	113998	28 110		05.04-	115556	24 5.5	
	02.04-	114528*	28 120		05.04-	115892	24 5.5 A49	
	(TGA)[D2066LF14]	02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
		02.04-	113998	28 110		05.04-	115556	24 5.5
	02.04-	114528*	28 120		05.04-	115892	24 5.5 A49	
	(TGA)[D2066LF35]	02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
		02.04-	113998	28 110		05.04-	115556	24 5.5
02.04-	114528*	28 120		05.04-	115892	24 5.5 A49		
(TGA)[D2066LF39]	02.04-	115486	28 80 A49					
	02.04-	115492	28 110 A49					
	02.04-	115496	28 120 A49					
	02.04-	113998	28 110		05.04-	115556	24 5.5	
02.04-	114528*	28 120		05.04-	115892	24 5.5 A49		
26.310 12.0	(TGA)[D2866LF26]	09.00-	112288	28 55		02.00-	110206	24 5.4
		09.00-	113998	28 110				
		09.00- 05.04	114008	28 80				
		09.00-	115492	28 110 A49				
		03.99-	113289	28 90				
	03.99-	113295	28 55		09.00-	111046	24 6.6	
	(TGA)[D2866LF36]	09.00-	112288	28 55		02.00-	110206	24 5.4
		09.00-	113998	28 110				
		09.00-	114008	28 80				
		09.00-	115492	28 110 A49				
03.99-		113289	28 90					
03.99-	113295	28 55		09.00-	111046	24 6.6		
26.314 12.0	(F 2000)[D2866LF23]	05.01-	110895	28 55		05.01-	110206	24 5.4
		05.01-	112159	28 80				
		05.01-	113295	28 55				
		05.01-	113920	28 35				
	(F 2000)	05.01-	110895	28 55				
26.320 10.5	(TGA)[D2066LF04]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		05.04-	113998	28 110		05.04-	115556	24 5.5
	05.04-	114528*	28 120		05.04-	115892	24 5.5 A49	
	(TGA)[D2066LF14]	02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
		02.04-	113998	28 110		05.04-	115556	24 5.5
	02.04-	114528*	28 120		05.04-	115892	24 5.5 A49	
	(TGA)[D2066LF28]	05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	05.04-	113998	28 110		05.04-	115556	24 5.5	
	05.04-	114528*	28 120		05.04-	115892	24 5.5 A49	
	(TGS)	10.07-	113998	28 110		10.07-	115886	24 5.5 A49
		10.07-	114007*	28 80		10.07-	115440	24 7.0
		10.07-	114528*	28 120		10.07-	116087*	24 5.5
		10.07-	115486	28 80 A49		10.07-	115556	24 5.5
		10.07-	115496	28 120 A49		10.07-	115892	24 5.5 A49
	(TGX)	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110				
	(TGA)[D2066LF35]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
	02.04-	113998	28 110					
	(TGA)[D2066LF39]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
	02.04-	113998	28 110		05.04-	115556	24 5.5	
	02.04-	114528*	28 120		05.04-	115892	24 5.5 A49	
	(TGS)	10.07-	113998	28 110		10.07-	115440	24 7.0
		10.07-	114007*	28 80		10.07-	115556	24 5.5
		10.07-	114528*	28 120		10.07-	115886	24 5.5 A49
		10.07-	115486	28 80 A49		10.07-	116087*	24 5.5
		10.07-	115492	28 110 A49				
	10.07-	115496	28 120 A49		07.08-	115892	24 5.5 A49	
	10.07-	113998	28 110					
	(TGS)[D2066LF43]	10.07-	113998	28 110		07.08-	115892	24 5.5 A49
		10.07-	114007*	28 80		10.07-	115886	24 5.5 A49
10.07-		114528*	28 120					
10.07-		115486	28 80 A49		10.07-	116087*	24 5.5	
10.07-		115496	28 120 A49					
07.08-	115492	28 110 A49		10.07-	115556	24 5.5		
07.08-	113998	28 110		10.07-	115440	24 7.0		
(TGX)	10.07-	115486	28 80 A49					
	10.07-	115492	28 110 A49					
	10.07-	113998	28 110					

## STARTERS & ALTERNATORS



	(TGS)[D2066LF53]	07.08- 07.08- 07.08- 07.08- 07.08-	113998 114007* 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49		07.08- 07.08- 07.08- 07.08-	115440 115556 115886 116087*	24 7.0 24 5.5 24 5.5 A49 24 5.5
	(TGS)[D2066LF68]	07.08- 07.08- 07.08- 07.08- 07.08-	113998 114007* 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49		07.08- 07.08- 07.08- 07.08-	115440 115556 115886 116087*	24 7.0 24 5.5 24 5.5 A49 24 5.5
26.322 10.0	(F 90)[D2865LF03]	02.90- 08.93 02.90- 06.96 09.90- 06.96 09.93- 06.96	110761# 112159 110895 113920	28 35 28 80 28 55 28 35		02.90- 09.96 02.90- 06.96 02.90- 06.96 02.90- 06.96	110206 111046 110210 112120	24 5.4 24 6.6 24 6.6 24 6.6
	(F 90)[D2865LF06]	02.90- 10.93 02.90- 06.96 02.90- 06.96 09.93- 06.96	110761# 110895 112159 113920	28 35 28 55 28 80 28 35		02.90- 06.96 02.90- 06.96 02.90- 06.96 02.90- 06.96	110206 110210 111046 112120	24 5.4 24 6.6 24 6.6 24 6.6
26.322 10.0 Unterflur	(F 90)[D2865LF03]	09.90- 10.92 09.90- 05.94 09.90- 05.94	110761# 110895 112159	28 35 28 55 28 80		09.90- 05.94 09.90- 05.94 09.90- 05.94	110206 110210 111046	24 5.4 24 6.6 24 6.6
	(F 90)[D2865LF06]	09.90- 01.93 09.90- 05.94 09.90- 05.94 01.93- 05.94	110761# 110895 112159 113920	28 35 28 55 28 80 28 35		09.90- 05.94 09.90- 05.94 09.90- 05.94 09.90- 05.94	110206 110210 111046 112120	24 5.4 24 6.6 24 6.6 24 6.6
26.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95 01.94- 12.95 01.94- 12.95	110895 112159 113920	28 55 28 80 28 35		01.94- 12.95 01.94- 12.95 01.94- 12.95	110206 111046 113855	24 5.4 24 6.6 24 5.4
26.330 6.9	(TGA)[D0836LF44]	11.02- 03.03- 02.05 03.03- 02.05	113998 115486 115492	28 110 28 80 A49 28 110 A49		11.02- 11.02-	114001 115891	24 4.0 24 5.0 A49
	(TGM)[D0836LFL52]	04.06- 04.06- 04.06-	113998 115486 115492	28 110 28 80 A49 28 110 A49		04.06- 04.06-	114001 115891	24 4.0 24 5.0 A49
	(TGM)[D0836LFL55]	10.05- 10.05- 10.05- 10.05-	114007* 115486 115492 113998	28 80 28 80 A49 28 110 A49 28 110				
26.332 12.0	(F 90)[D2866LF/330]	09.87- 02.90 09.87- 02.90 09.87- 02.90	110761# 110895 112159	28 35 28 55 28 80		09.87- 02.90 09.87- 02.90 09.87- 02.90	110206 111046 113855	24 5.4 24 6.6 24 5.4
26.340 6.9	(TGM)[D0836LFL65]	10.05- 10.05- 10.05- 10.05-	114007* 115486 115492 113998	28 80 28 80 A49 28 110 A49 28 110				
26.342 10.0	(F 90)[D2865LF09]	05.94- 06.96 05.94- 06.96 05.94- 06.96	110895 112159 113920	28 55 28 80 28 35		04.94- 06.96 04.94- 06.96	110210 111046	24 6.6 24 6.6
26.343 10.0	(F 2000)[D2865LF21]	01.94- 01.94- 01.94- 09.01	110895 112159 113920	28 55 28 80 28 35		01.94- 01.94- 01.94-	110206 111046 113855	24 5.4 24 6.6 24 5.4
26.350 10.5	(TGA)[D2066LF03]	01.04- 01.04- 09.06 02.04- 09.06 02.04- 09.06	114528* 115496 115486 115492	28 120 28 120 A49 28 80 A49 28 110 A49				
		02.04- 10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 113998 114007* 114528* 115486 115492 115496	28 110 28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGS)	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49				
	(TGA)[D2066LF13]	01.04- 01.04- 09.06 02.04- 09.06 02.04- 09.06	114528* 115496 115486 115492	28 120 28 120 A49 28 80 A49 28 110 A49				
		02.04- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 113998 114007* 114528* 115486 115492	28 110 28 110 28 80 28 120 28 80 A49 28 110 A49		05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGA)[D2066LF33]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
		05.04- 10.07- 10.07- 10.07- 10.07-	113998 113998 114007* 114528* 115486	28 110 28 110 28 80 28 120 28 80 A49		05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGA)[D2066LF38]	02.04- 02.04- 02.04- 02.04- 02.04-	114528* 115486 115492 115496 113998	28 120 28 80 A49 28 110 A49 28 120 A49 28 110				
26.360 10.5	(TGA)[D2066LF03]	02.04- 02.04- 09.06 02.04- 09.06 02.04- 09.06	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
		02.04- 05.04- 05.04- 05.04-	113998 113998 114007* 115486	28 110 28 110 28 80 28 80 A49		05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGA)[D2066LF07]	05.04- 05.04-	114007* 115486	28 80 28 80 A49				

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(TGA)[D2066LF13]	02.04-	114528*	28 120				
	02.04-	115486	28 80 A49				
	02.04-	115492	28 110 A49				
	02.04-	115496	28 120 A49				
	02.04-	113998	28 110	05.04-	115556	24 5.5	
				05.04-	115892	24 5.5 A49	
(TGA)[D2066LF27]	05.04-	114528*	28 120	10.07-	115886	24 5.5 A49	
	05.04- 09.06	115486	28 80 A49	10.07-	116087*	24 5.5	
	05.04- 09.06	115492	28 110 A49	05.04-	115892	24 5.5 A49	
	05.04- 09.06	115496	28 120 A49				
	10.07-	113998	28 110				
	10.07-	114007*	28 80				
		05.04-	113998	28 110	10.07-	115440	24 7.0
				05.04-	115556	24 5.5	
(TGS)	08.08-	115492	28 110 A49				
	08.08-	113998	28 110				
(TGX)	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
	10.07-	113998	28 110	10.07-	115556	24 5.5	
				10.07-	115892	24 5.5 A49	
(TGA)[D2066LF33]	02.04-	114528*	28 120				
	02.04- 07.06	115486	28 80 A49				
	02.04- 07.06	115492	28 110 A49				
	02.04-	115496	28 120 A49				
	02.04-	113998	28 110	05.04-	115556	24 5.5	
				05.04-	115892	24 5.5 A49	
(TGA)[D2066LF38]	05.04-	114007*	28 80				
	05.04-	114528*	28 120	10.07-	115886	24 5.5 A49	
	05.04- 09.06	115486	28 80 A49	10.07-	116087*	24 5.5	
	05.04- 09.06	115492	28 110 A49	05.04-	115892	24 5.5 A49	
	05.04-	115496	28 120 A49				
	10.07-	113998	28 110				
		05.04-	113998	28 110	10.07-	115440	24 7.0
				05.04-	115556	24 5.5	
(TGS)	10.07-	113998	28 110	08.08-	115556	24 5.5	
	10.07-	114007*	28 80	08.08-	115892	24 5.5 A49	
	10.07-	114528*	28 120				
	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
	10.07-	115496	28 120 A49				
	10.07-	113998	28 110				
(TGX)	10.07-	114007*	28 80				
	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
	10.07-	113998	28 110	10.07-	115556	24 5.5	
				10.07-	115892	24 5.5 A49	
(TGA)[D2066LF42]	10.07-	113998	28 110	10.07-	115440	24 7.0	
	10.07-	114007*	28 80	10.07-	115556	24 5.5	
	10.07-	114528*	28 120	10.07-	115886	24 5.5 A49	
	10.07-	115486	28 80 A49	10.07-	116087*	24 5.5	
	10.07-	115496	28 120 A49				
(TGS)	04.08-	115492	28 110 A49				
	07.08-	114007*	28 80	08.08-	115556	24 5.5	
	07.08-	115486	28 80 A49	08.08-	115892	24 5.5 A49	
	04.08-	113998	28 110				
(TGX)	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
	07.08-	114007*	28 80				
	10.07-	113998	28 110	10.07-	115556	24 5.5	
				10.07-	115892	24 5.5 A49	
(TGA)[D2066LF48]	10.07-	113998	28 110	10.07-	115440	24 7.0	
	10.07-	114007*	28 80	10.07-	115556	24 5.5	
	10.07-	114528*	28 120	10.07-	115886	24 5.5	
	10.07-	115486	28 80 A49	10.07-	116087*	24 5.5	
	10.07-	115496	28 120 A49				
(TGA)[D2066LF52]	10.07-	113998	28 110	10.07-	115440	24 7.0	
	10.07-	114007*	28 80	10.07-	115556	24 5.5	
	10.07-	114528*	28 120	10.07-	115886	24 5.5 A49	
	10.07-	115486	28 80 A49	10.07-	116087*	24 5.5	
	10.07-	115496	28 120 A49				
(TGX)	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
	10.07-	113998	28 110				
(TGA)[D2066LF64]	10.07-	113998	28 110	10.07-	115440	24 7.0	
	10.07-	114007*	28 80	10.07-	115556	24 5.5	
	10.07-	114528*	28 120	10.07-	115886	24 5.5 A49	
	10.07-	115486	28 80 A49	10.07-	116087*	24 5.5	
	10.07-	115496	28 120 A49				
(TGA)[D2066LF67]	10.07-	113998	28 110	10.07-	115440	24 7.0	
	10.07-	114007*	28 80	10.07-	115556	24 5.5	
	10.07-	114528*	28 120	10.07-	115886	24 5.5 A49	
	10.07-	115486	28 80 A49	10.07-	116087*	24 5.5	
	10.07-	115496	28 120 A49				
(TGX)	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
	10.07-	113998	28 110	10.07-	115556	24 5.5	
				10.07-	115892	24 5.5 A49	
26.360 12.0	(TGA)[D2866LF27]	09.00-	112288	28 55	02.00-	110206	24 5.4
		09.00-	113998	28 110	12.00-	113855	24 5.4
		09.00-	114008	28 80			
		09.00-	115492	28 110 A49			
		03.99-	113289	28 90			
		03.99-	113295	28 55	12.00-	111046	24 6.6



	(TGA)[D2866LF37]	09.00- 09.00- 09.00- 09.00- 03.99- 03.99-	112288 113998 114008 115492 113289 113295	28 55 28 110 28 80 28 110 A49 28 90 28 55		02.00-	110206	24 5.4
26.364 12.0	(F 90)[D2866KF]	09.87- 02.90 09.87- 02.90 09.87- 02.90	110761# 110895 112159	28 35 28 55 28 80		09.87- 02.90 09.87- 02.90 09.87- 02.90	110206 111046 113855	24 5.4 24 6.6 24 5.4
	(F 90)[D2866LXF]	09.87- 02.90 09.87- 02.90 09.87- 02.90	110761# 110895 112159	28 35 28 55 28 80		09.87- 02.90 09.87- 02.90 09.87- 02.90	110206 111046 113855	24 5.4 24 6.6 24 5.4
26.364 12.0	(F 2000)[D2866LF24]					05.01-	110206	24 5.4
26.372 12.0	(F 90)[D2866LF03]	02.90- 05.94 02.90- 12.95 02.90- 06.96 09.93- 06.96	110761# 110895 112159 113920	28 35 28 55 28 80 28 35		01.90- 06.96 02.90- 12.95 02.90- 12.95	110206 111046 113855	24 5.4 24 6.6 24 5.4
	(F 90)[D2866LF05]	02.90- 12.95 02.90- 12.95 02.90- 06.96 09.93- 06.96	110761# 110895 112159 113920	28 35 28 55 28 80 28 35		02.90- 06.96 02.90- 12.95 02.90- 12.95	110206 111046 113855	24 5.4 24 6.6 24 5.4
	(F 90)[D2866LF15]	02.90- 12.95 02.90- 12.95 02.90- 06.96 09.93- 06.96	110761# 110895 112159 113920	28 35 28 55 28 80 28 35		09.90- 06.96 09.90- 12.95 09.90- 12.95	110206 111046 113855	24 5.4 24 6.6 24 5.4
26.372 12.0 Unterflur	(F 90)[D2866LF03]	09.90- 10.92 09.90- 05.94 09.90- 05.94	110761# 110895 112159	28 35 28 55 28 80		09.90- 05.94 09.90- 05.94 09.90- 05.94	110206 111046 113855	24 5.4 24 6.6 24 5.4
	(F 90)[D2866LF05]	09.90- 05.94 09.90- 05.94 09.90- 05.94	110761# 110895 112159	28 35 28 55 28 80		09.90- 11.92 09.90- 05.94 09.90- 05.94	110206 111046 113855	24 5.4 24 6.6 24 5.4
26.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95 01.94- 12.95 01.94- 12.95	110895 112159 113920	28 55 28 80 28 35		01.94- 12.95 01.94- 12.95 01.94- 12.95	110206 111046 113855	24 5.4 24 6.6 24 5.4
26.390 10.5	(TGA)[D2066LF02]	01.04- 01.04- 02.04- 09.06 02.04- 09.06	114528* 115496 115486 115492	28 120 28 120 A49 28 80 A49 28 110 A49		05.04-	115892	24 5.5 A49
	(TGS)	02.04- 06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 113998 114007* 114528* 115486 115492 115496	28 110 28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49		01.04- 05.04-	116087* 115556	24 5.5 24 5.5
	(TGA)[D2066LF12]	01.04- 01.04- 02.04- 09.06 02.04- 09.06	114528* 115496 115486 115492	28 120 28 120 A49 28 80 A49 28 110 A49		05.04-	115892	24 5.5 A49
	(TGA)[D2066LF24]	02.04- 05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		01.04- 05.04- 05.04-	116087* 115556 115892	24 5.5 24 5.5 24 5.5 A49
	(TGA)[D2066LF32]	05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04-	115556 115892 115892	24 5.5 24 5.5 A49 24 5.5 A49
	(TGA)[D2066LF37]	05.04- 02.04- 02.04- 02.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 02.04- 05.04-	115556 115892 115892	24 5.5 24 5.5 A49 24 5.5 A49
26.400 10.5	(TGA)[D2066LF02]	02.04- 02.04- 02.04- 02.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04-	115892 115892	24 5.5 A49 24 5.5 A49
	(TGA)[D2066LF06]	02.04- 05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		02.04- 05.04- 05.04-	116087* 115556 116087*	24 5.5 24 5.5 24 5.5
	(TGA)[D2066LF12]	05.04- 02.04- 02.04- 02.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04-	115556 115892 115892	24 5.5 24 5.5 A49 24 5.5 A49
	(TGA)[D2066LF26]	02.04- 02.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		02.04- 05.04- 05.04-	116087* 115556 116087*	24 5.5 24 5.5 24 5.5
		05.04- 05.04-	113998 113998	28 110 28 110		05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49

## STARTERS & ALTERNATORS

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(TGS)	10.07-	113998	28 110	10.07-	115886	24 5.5	A49	
	10.07-	114007*	28 80	10.07-	116087*	24 5.5		
	10.07-	114528*	28 120	02.09-	115892	24 5.5	A49	
	10.07-	115486	28 80 A49					
	10.07-	115496	28 120 A49					
	02.09-	115492	28 110 A49	10.07-	115556	24 5.5		
	02.09-	113998	28 110	10.07-	115440	24 7.0		
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	(TGX)	10.07-	113998	28 110				
		10.07-	114007*	28 80				
10.07-		114528*	28 120					
10.07-		115486	28 80 A49	10.07-	115886	24 5.5	A49	
10.07-		115492	28 110 A49	10.07-	115892	24 5.5	A49	
10.07-		115496	28 120 A49					
				10.07-	115440	24 7.0		
				10.07-	115556	24 5.5		
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(TGA)[D2066LF32]		02.04-	114528*	28 120	02.04-	116087*	24 5.5	
	02.04-	115486	28 80 A49					
	02.04-	115492	28 110 A49					
	02.04-	115496	28 120 A49					
	<hr/>							
(TGA)[D2066LF37]	02.04-	113998	28 110	05.04-	115556	24 5.5		
				05.04-	115892	24 5.5	A49	
	<hr/>							
	(TGA)[D2066LF37]	01.04-	114007*	28 80				
		01.04-	115486	28 80 A49				
01.04-		115492	28 110 A49					
05.04-		114528*	28 120	05.04-	115892	24 5.5	A49	
05.04-		115496	28 120 A49					
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(TGS)	01.04-	113998	28 110	05.04-	116087*	24 5.5		
				05.04-	115556	24 5.5		
	10.07-	113998	28 110	10.07-	115440	24 7.0		
	10.07-	114007*	28 80	10.07-	115556	24 5.5		
	10.07-	114528*	28 120	10.07-	115886	24 5.5	A49	
	10.07-	115486	28 80 A49	10.07-	116087*	24 5.5		
	10.07-	115492	28 110 A49					
	10.07-	115496	28 120 A49	02.09-	115892	24 5.5	A49	
	10.07-	113998	28 110					
	<hr/>							
(TGX)	10.07-	113998	28 110	10.07-	115440	24 7.0		
	10.07-	114007*	28 80					
	10.07-	114528*	28 120					
	10.07-	115486	28 80 A49	10.07-	115556	24 5.5		
	10.07-	115492	28 110 A49					
	10.07-	115496	28 120 A49					
				10.07-	115886	24 5.5	A49	
				10.07-	115892	24 5.5	A49	
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	(TGS)[D2066LF41]	10.07-	113998	28 110	02.09-	115892	24 5.5	A49
10.07-		114007*	28 80	10.07-	115886	24 5.5	A49	
10.07-		114528*	28 120					
10.07-		115486	28 80 A49	10.07-	116087*	24 5.5		
10.07-		115496	28 120 A49					
07.08-		115492	28 110 A49	10.07-	115556	24 5.5		
07.08-		113998	28 110	10.07-	115440	24 7.0		
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(TGX)		10.07-	113998	28 110				
		10.07-	114007*	28 80	10.07-	115892	24 5.5	A49
	10.07-	114528*	28 120	10.07-	115440	24 7.0		
	10.07-	115486	28 80 A49					
	10.07-	115492	28 110 A49					
	10.07-	115496	28 120 A49					
				10.07-	115556	24 5.5		
				10.07-	115886	24 5.5	A49	
	<hr/>							
	(TGS)[D2066LF49]	10.07-	113998	28 110	10.07-	115440	24 7.0	
10.07-		114007*	28 80	10.07-	115556	24 5.5		
10.07-		114528*	28 120	10.07-	115886	24 5.5	A49	
10.07-		115486	28 80 A49	10.07-	116087*	24 5.5		
10.07-		115496	28 120 A49					
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(TGS)[D2066LF51]	10.07-	113998	28 110	10.07-	115440	24 7.0		
	10.07-	114007*	28 80	10.07-	115556	24 5.5		
	10.07-	114528*	28 120	10.07-	115886	24 5.5	A49	
	10.07-	115486	28 80 A49	10.07-	116087*	24 5.5		
	10.07-	115496	28 120 A49					
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(TGX)	10.07-	113998	28 110	10.07-	115440	24 7.0		
	10.07-	114007*	28 80	10.07-	115556	24 5.5		
	10.07-	114528*	28 120	10.07-	115886	24 5.5	A49	
	10.07-	115486	28 80 A49					
	10.07-	115496	28 120 A49					
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(TGS)[D2066LF61]	10.07-	113998	28 110	10.07-	115440	24 7.0		
	10.07-	114007*	28 80	10.07-	115556	24 5.5		
	10.07-	114528*	28 120	10.07-	115886	24 5.5		
	10.07-	115486	28 80 A49	10.07-	116087*	24 5.5		
	10.07-	115496	28 120 A49					
<hr/>								
(TGX)	10.07-	113998	28 110	10.07-	115556	24 5.5		
	10.07-	114007*	28 80	10.07-	115886	24 5.5	A49	
	10.07-	114528*	28 120	10.07-	115892	24 5.5	A49	
	10.07-	115486	28 80 A49	10.07-	115440	24 7.0		
	10.07-	115496	28 120 A49					
<hr/>								
(TGS)[D2066LF63]	10.07-	113998	28 110	10.07-	115440	24 7.0		
	10.07-	114007*	28 80	10.07-	115556	24 5.5		
	10.07-	114528*	28 120	10.07-	115886	24 5.5		
	10.07-	115486	28 80 A49	10.07-	116087*	24 5.5		
	10.07-	115496	28 120 A49					
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26.402 12.0	(F 90)[D2866LF16]	05.94- 12.95	110761#	28 35	05.94- 12.95	113855	24 5.4	
		05.94- 12.95	110895	28 55				
		05.94- 06.96	112159	28 80	05.94- 06.96	110206	24 5.4	
		05.94- 06.96	113920	28 35	05.94- 12.95	111046	24 6.6	

## STARTERS & ALTERNATORS

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26.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94-	111046	24 6.6	
		01.94-	113289	28 90				
		01.94-	113295	28 55	01.94-	113855	24 5.4	
		01.94- 09.01	113920	28 35				
26.410 12.0	(TGA)[D2866LF28]	12.00-	112288	28 55	02.00-	110206	24 5.4	
		12.00-	113998	28 110				
		12.00-	114008	28 80				
		12.00-	115492	28 110 A49				
		03.99-	113289	28 90				
	(TGA)[D2866LF32]	03.99-	113295	28 55				
		12.00-	112288	28 55	02.00-	110206	24 5.4	
		12.00-	113998	28 110				
		12.00-	114008	28 80				
		12.00-	115492	28 110 A49				
26.422 12.0	(F 90)[D2866LF06]	02.90- 08.93	110761#	28 35	02.90- 12.92	110206	24 5.4	
		02.90- 12.95	110895	28 55	02.90- 12.95	111046	24 6.6	
		02.90- 12.95	112159	28 80	08.89- 12.95	113855	24 5.4	
		09.93- 06.96	113920	28 35				
	(F 90)[D2866LF09]	02.90- 12.95	110761#	28 35	02.90- 06.96	110206	24 5.4	
		02.90- 12.95	110895	28 55	02.90- 12.95	111046	24 6.6	
		02.90- 06.96	112159	28 80	08.89- 12.95	113855	24 5.4	
26.422 12.0 Unterflur	(F 90)[D2866LF06]	09.90- 05.94	110761#	28 35	09.90- 11.90	110206	24 5.4	
		09.90- 05.94	110895	28 55	09.90- 05.94	111046	24 6.6	
		09.90- 05.94	112159	28 80	09.90- 05.94	113855	24 5.4	
	(F 90)[D2866LF09]	09.90- 05.94	110761#	28 35	09.90- 11.92	110206	24 5.4	
		09.90- 05.94	110895	28 55	09.90- 05.94	111046	24 6.6	
		09.90- 05.94	112159	28 80	09.90- 05.94	113855	24 5.4	
	26.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4
			01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6
			01.94- 12.95	113289	28 90	01.94- 12.95	113855	24 5.4
01.94- 12.95			113295	28 55				
01.94- 12.95			113920	28 35				
26.430 10.5	(TGA)[D2066LF01]	12.00-	114528*	28 120	05.04-	115886	24 5.5 A49	
		12.00- 09.06	115496	28 120 A49				
		05.04-	113998	28 110				
		05.04-	114007*	28 80				
		05.04- 09.06	115486	28 80 A49	05.04-	115892	24 5.5 A49	
		05.04- 09.06	115492	28 110 A49				
		05.04-	113998	28 110				
		05.04-	114007*	28 80	05.04-	115440	24 7.0	
					05.04-	115556	24 5.5	
		(TGS)	10.07-	113998	28 110			
			10.07-	114007*	28 80			
			10.07-	114528*	28 120			
			10.07-	115486	28 80 A49			
			10.07-	115492	28 110 A49			
			10.07-	115496	28 120 A49			
	(TGA)[D2066LF11]	12.00-	114528*	28 120	05.04-	115886	24 5.5 A49	
		12.00-	115496	28 120 A49				
		02.04- 09.06	115486	28 80 A49	02.04-	115892	24 5.5 A49	
		02.04- 09.06	115492	28 110 A49				
		05.04-	113998	28 110				
		05.04-	114007*	28 80	05.04-	115440	24 7.0	
					02.04-	115556	24 5.5	
		(TGA)[D2066LF23]	05.04-	113998	28 110			
			05.04-	114007*	28 80			
			05.04-	114528*	28 120	05.04-	115886	24 5.5 A49
			05.04-	115486	28 80 A49	05.04-	115892	24 5.5 A49
			05.04-	115492	28 110 A49			
			05.04-	115496	28 120 A49			
		(TGA)[D2066LF25]	05.04-	113998	28 110			
			05.04-	114007*	28 80			
05.04-	114528*		28 120	05.04-	115886	24 5.5 A49		
05.04-	115486		28 80 A49	05.04-	115892	24 5.5 A49		
05.04-	115492		28 110 A49					
05.04-	115496		28 120 A49					
(TGA)[D2066LF31]	05.04-	113998	28 110	05.04-	115440	24 7.0		
				05.04-	115556	24 5.5		
	02.04-	114528*	28 120	05.04-	115886	24 5.5		
	02.04-	115486	28 80 A49	02.04-	115892	24 5.5 A49		
	02.04-	115492	28 110 A49					
	02.04-	115496	28 120 A49					
(TGA)[D2066LF36]	05.04-	113998	28 110					
	05.04-	114007*	28 80					
	05.04-	114528*	28 120	05.04-	115886	24 5.5 A49		
	05.04-	115486	28 80 A49	05.04-	115892	24 5.5 A49		
	05.04-	115492	28 110 A49					
	05.04-	115496	28 120 A49					
	05.04-	113998	28 110					
	05.04-	114007*	28 80					
	02.04-	113998	28 110	05.04-	115440	24 7.0		
	02.04-	113998	28 110	02.04-	115556	24 5.5		
	02.04-	114528*	28 120	05.04-	115886	24 5.5 A49		
	02.04- 09.06	115486	28 80 A49	02.04-	115892	24 5.5 A49		
26.440 10.5	(TGA)[D2066LF01]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
		02.04-	113998	28 110	02.04-	115556	24 5.5	
	(TGA)[D2066LF36]	02.04-	113998	28 110	02.04-	115892	24 5.5 A49	

## STARTERS & ALTERNATORS

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(TGA)[D2066LF11]	02.04-	114528*	28 120				
	02.04-	115486	28 80 A49				
	02.04-	115492	28 110 A49				
	02.04-	115496	28 120 A49				
	02.04-	113998	28 110	02.04-	115556	24 5.5	
	02.04-	114528*	28 120	02.04-	115892	24 5.5 A49	
(TGA)[D2066LF23]	02.04-	115486	28 80 A49				
	02.04-	115492	28 110 A49				
	02.04-	115496	28 120 A49				
	02.04-	113998	28 110	02.04-	115556	24 5.5	
	02.04-	114528*	28 120	02.04-	115892	24 5.5 A49	
(TGS)[D2066LF25]	10.07-	113998	28 110	10.07-	115886	24 5.5 A49	
	10.07-	114007*	28 80	10.07-	116087*	24 5.5	
	10.07-	114528*	28 120	02.09-	115892	24 5.5 A49	
	10.07-	115486	28 80 A49				
	10.07-	115496	28 120 A49				
	02.09-	115492	28 110 A49	10.07-	115556	24 5.5	
	02.09-	113998	28 110	10.07-	115440	24 7.0	
	10.07-	113998	28 110	10.07-	115556	24 5.5	
(TGX)	10.07-	114007*	28 80				
	10.07-	114528*	28 120				
	10.07-	115486	28 80 A49	10.07-	115886	24 5.5 A49	
	10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49	
	10.07-	115496	28 120 A49				
	10.07-	113998	28 110	10.07-	115440	24 7.0	
10.07-	113998	28 110	10.07-	115556	24 5.5		
(TGA)[D2066LF31]	05.04- 03.09	114528*	28 120				
	05.04- 03.09	115486	28 80 A49				
	05.04- 03.09	115492	28 110 A49				
	05.04- 03.09	115496	28 120 A49				
	07.06- 03.09	114007*	28 80				
	05.04- 03.09	113998	28 110	05.04- 05.04-	115556	24 5.5	
	05.04- 03.09	113998	28 110	05.04-	115892	24 5.5 A49	
(TGA)[D2066LF36]	01.04-	114007*	28 80				
	01.04-	115486	28 80 A49				
	01.04-	115492	28 110 A49				
	05.04-	114528*	28 120				
	05.04-	115496	28 120 A49				
	01.04-	113998	28 110	05.04- 05.04-	115556	24 5.5	
	01.04-	113998	28 110	05.04-	115892	24 5.5 A49	
(TGS)	10.07-	113998	28 110	10.07-	115440	24 7.0	
	10.07-	114007*	28 80	10.07-	115556	24 5.5	
	10.07-	114528*	28 120	10.07-	115886	24 5.5	
	10.07-	115486	28 80 A49	10.07-	116087*	24 5.5	
	10.07-	115492	28 110 A49				
	10.07-	115496	28 120 A49	02.09-	115892	24 5.5 A49	
	10.07-	113998	28 110				
	09.07-	114007*	28 80	10.07-	115440	24 7.0	
09.07-	115486	28 80 A49	10.07-	115556	24 5.5		
10.07-	113998	28 110					
10.07-	114528*	28 120					
10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49		
10.07-	115496	28 120 A49					
10.07-	113998	28 110	10.07-	115886	24 5.5 A49		
(TGS)[D2066LF40]	10.07-	113998	28 110	02.09-	115892	24 5.5 A49	
	10.07-	114007*	28 80	10.07-	115886	24 5.5 A49	
	10.07-	114528*	28 120				
	10.07-	115486	28 80 A49	10.07-	116087*	24 5.5	
	10.07-	115496	28 120 A49				
	02.09-	115492	28 110 A49	10.07-	115556	24 5.5	
	02.09-	113998	28 110	10.07-	115440	24 7.0	
	10.07-	113998	28 110	10.07-	115556	24 5.5	
10.07-	114007*	28 80					
10.07-	114528*	28 120					
10.07-	115486	28 80 A49	10.07-	115886	24 5.5		
10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49		
10.07-	115496	28 120 A49					
10.07-	113998	28 110	10.07-	115440	24 7.0		
10.07-	113998	28 110	10.07-	115556	24 5.5		
10.07-	114007*	28 80	10.07-	115440	24 7.0		
10.07-	114528*	28 120	10.07-	115556	24 5.5		
10.07-	115486	28 80 A49	10.07-	115886	24 5.5		
10.07-	115492	28 110 A49	10.07-	116087*	24 5.5		
10.07-	115496	28 120 A49					
10.07-	113998	28 110	10.07-	115440	24 7.0		
10.07-	113998	28 110	10.07-	115556	24 5.5		
10.07-	114007*	28 80	10.07-	115886	24 5.5 A49		
10.07-	114528*	28 120	10.07-	116087*	24 5.5		
10.07-	115486	28 80 A49					
10.07-	115492	28 110 A49					
10.07-	115496	28 120 A49					
26.440 12.4	02.09-	113998	28 110				
	02.09-	114007*	28 80				
	02.09-	114528*	28 120				
	02.09-	115486	28 80 A49				
	02.09-	115492	28 110 A49				
	02.09-	115496	28 120 A49				
(TGS)[D2676LF22]	10.07-	113998	28 110	10.07-	115440	24 7.0	
	10.07-	114007*	28 80	10.07-	115556	24 5.5	
	10.07-	114528*	28 120	10.07-	115886	24 5.5 A49	
	10.07-	115486	28 80 A49	10.07-	116087*	24 5.5	
	10.07-	115492	28 110 A49				
	10.07-	115496	28 120 A49				

## STARTERS & ALTERNATORS



	(TGX)	07.08- 07.08- 10.12- 10.12- 10.12-	114528* 115496 113998 114007* 115486	28 120 28 120 A49 28 110 28 80 28 80 A49	10.12- 07.08- 10.12- 10.12- 07.08-	115440 115556 115886 116087* 115892	24 7.0 24 5.5 24 5.5 A49 24 5.5 24 5.5 A49
	(TGS)[D2676LF26]	10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49	10.07- 10.07- 10.07- 10.07-	115440 115556 115886 116087*	24 7.0 24 5.5 24 5.5 A49 24 5.5
	(TGX)	10.12- 10.12- 10.12- 10.12- 10.12-	113998 114007* 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49	10.12- 10.12- 10.12- 10.12- 10.12-	115440 115556 115886 116087* 115556 115892	24 7.0 24 5.5 24 5.5 A49 24 5.5 24 5.5 24 5.5 A49
26.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35			
	(TGA)[D2876LF04]	12.00- 12.00- 12.00- 12.00- 03.99- 03.99-	112288 113998 114008 115492 113289 113295	28 55 28 110 28 80 28 110 A49 28 90 28 55	02.00-	110206	24 5.4
	(TGA)[D2876LF07]	12.00- 12.00- 12.00- 12.00- 03.99- 09.01 03.99- 09.01	112288 113998 114008 115492 113289 113295	28 55 28 110 28 80 28 110 A49 28 90 28 55	02.00- 09.01	110206	24 5.4
26.462 18.3	(F 90)[D2840LF/460]	02.89- 02.90 02.89- 02.90 02.89- 02.90	110761# 110895 112159	28 35 28 55 28 80	02.89- 02.90 02.89- 02.90 02.89- 02.90	110210 111046 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
26.463 12.8	(F 2000)[D2876LF02]	01.94- 01.94- 01.94- 01.94- 01.94-	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35	01.94- 01.94- 01.94- 01.94-	110206 111046 111046 113855	24 5.4 24 6.6 24 6.6 24 5.4
26.464 12.8	(F 2000)[D2876LF03]				05.01-	110206	24 5.4
26.480 12.4	(TGA)[D2676LF01]	02.06- 02.06- 02.06- 02.06- 02.06-	113998 114007* 115486 115492	28 110 28 80 28 80 A49 28 110 A49	02.06- 02.06- 02.06- 02.06- 02.06-	115892 115886 113855 115440 115556	24 5.5 A49 24 5.5 24 5.4 24 7.0 24 5.5
	(TGA)[D2676LF02]	02.06- 02.06- 02.06- 02.06- 02.06-	113998 114007* 115486 115492	28 110 28 80 28 80 A49 28 110 A49	02.06- 02.06- 02.06- 02.06- 02.06-	115886 115892 115440 115556	24 5.5 A49 24 5.5 A49 24 7.0 24 5.5
	(TGS)	10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007* 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49	10.07- 10.07- 10.07- 10.07-	115440 115556 115886 116087*	24 7.0 24 5.5 24 5.5 24 5.5
	(TGA)[D2676LF03]	02.06- 02.06-	115486 115492	28 80 A49 28 110 A49			
					02.06- 02.06-	115556 115892	24 5.5 24 5.5 A49
	(TGA)[D2676LF05]	01.06- 02.06- 02.06- 02.06-	115492 113998 114007* 115486	28 110 A49 28 110 28 80 28 80 A49	02.06- 02.06- 02.06-	115892 115886 115440 115556	24 5.5 A49 24 5.5 A49 24 7.0 24 5.5
	(TGS)	10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 02.09-	113998 114007* 114528* 115486 115496 115492	28 110 28 80 28 120 28 80 A49 28 120 A49 28 110 A49	10.07- 10.07- 10.07- 10.07- 10.07- 02.09-	115440 115556 115886 116087* 115892	24 7.0 24 5.5 24 5.5 24 5.5 24 5.5 A49
	(TGX)	09.07- 09.07- 10.07- 10.07- 10.07- 10.07-	114528* 115496 113998 114007* 115486 115492	28 120 28 120 A49 28 110 28 80 28 80 A49 28 110 A49	10.07- 10.07- 10.07- 10.07- 10.07-	115886 115892 115440 115556	24 5.5 24 5.5 A49 24 7.0 24 5.5
	(TGS)[D2676LF07]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 02.09-	113998 114007* 114528* 115486 115496 115492	28 110 28 80 28 120 28 80 A49 28 120 A49 28 110 A49	10.07- 10.07- 10.07- 10.07- 10.07- 02.09-	115440 115556 115886 116087* 115892	24 7.0 24 5.5 24 5.5 A49 24 5.5 24 5.5 A49
	(TGX)	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49	10.07- 10.07- 10.07- 10.07-	115892 115440 115556 115886	24 5.5 A49 24 7.0 24 5.5 24 5.5 A49

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.





Application list

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		(TGA)[D2676LF12]	02.06-113998	28 110	02.06-115892	24 5.5	A49
			02.06-114007*	28 80			
			02.06-115486	28 80 A49	02.06-115886	24 5.5	
			02.06-115492	28 110 A49	02.06-113855	24 5.4	
					02.06-115440	24 7.0	
			02.06-113998	28 110	02.06-115556	24 5.5	
		(TGA)[D2676LF14]	02.06-113998	28 110	02.06-115440	24 7.0	
			02.06-114007*	28 80	02.06-115556	24 5.5	
			02.06-115486	28 80 A49	02.06-115886	24 5.5	A49
					02.06-115892	24 5.5	A49
		(TGS)	10.07-113998	28 110	10.07-115886	24 5.5	A49
			10.07-114007*	28 80	10.07-116087*	24 5.5	
			10.07-114528*	28 120	10.07-115440	24 7.0	
			10.07-115486	28 80 A49	10.07-115892	24 5.5	A49
			10.07-115496	28 120 A49	10.07-115556	24 5.5	
		(TGX)	10.07-113998	28 110			
			10.07-114007*	28 80			
			10.07-114528*	28 120			
			10.07-115486	28 80 A49	10.07-115886	24 5.5	A49
			10.07-115492	28 110 A49	10.07-115892	24 5.5	A49
			10.07-115496	28 120 A49			
					10.07-115440	24 7.0	
					10.07-115556	24 5.5	
		(TGS)[D2676LF20]	10.07-113998	28 110	10.07-115440	24 7.0	
			10.07-114007*	28 80	10.07-115556	24 5.5	
			10.07-114528*	28 120	10.07-115886	24 5.5	A49
			10.07-115486	28 80 A49	10.07-116087*	24 5.5	
			10.07-115496	28 120 A49			
		(TGX)[D2676LF21]	10.07-113998	28 110			
			10.07-114007*	28 80			
			10.07-114528*	28 120			
			10.07-115486	28 80 A49	10.07-115886	24 5.5	A49
			10.07-115492	28 110 A49			
			10.07-115496	28 120 A49			
					10.07-115440	24 7.0	
					10.07-115556	24 5.5	
		(TGS)[D2676LF25]	10.07-113998	28 110	10.07-115440	24 7.0	
			10.07-114007*	28 80	10.07-115556	24 5.5	
			10.07-114528*	28 120	10.07-115886	24 5.5	A49
			10.07-115486	28 80 A49	10.07-116087*	24 5.5	
			10.07-115496	28 120 A49			
			02.09-115492	28 110 A49			
		(TGX)	10.07-113998	28 110			
			10.07-114007*	28 80			
			10.07-114528*	28 120			
			10.07-115486	28 80 A49	10.07-115886	24 5.5	A49
			10.07-115492	28 110 A49	10.07-115892	24 5.5	A49
			10.07-115496	28 120 A49			
					10.07-115440	24 7.0	
					10.07-115556	24 5.5	
26.480 12.8		(TGA)[D2876LF12]	09.02-113998	28 110	09.02-110206	24 5.4	
			09.02-114008	28 80	09.02-114031	24 5.5	
			09.02-115492	28 110 A49	09.02-115892	24 5.5	A49
					09.02-113855	24 5.4	
					09.02-115886	24 5.5	A49
		(TGA)[D2876LF25]			09.02-114031	24 5.5	
					09.02-115886	24 5.5	A49
26.502 18.3		(F 90)[D2840LF01]	02.90-06.96-110761#	28 35	02.90-06.96-110210	24 6.6	
			02.90-06.96-110895	28 55	02.90-06.96-111046	24 6.6	
			02.90-06.96-112159	28 80	02.90-06.96-112120	24 6.6	
			02.90-06.96-113920	28 35	02.90-12.92-113855	24 5.4	
		(F 90)[D2840LF04]	02.90-06.96-110761#	28 35	02.90-12.92-113855	24 5.4	
			02.90-06.96-110895	28 55	02.90-06.96-110210	24 6.6	
			02.90-06.96-112159	28 80	02.90-06.96-111046	24 6.6	
			02.90-06.96-113920	28 35	02.90-06.96-112120	24 6.6	
		(F 90)[D2840LF06]	02.90-06.96-110761#	28 35	02.90-06.96-110210	24 6.6	
			02.90-06.96-110895	28 55	02.90-06.96-111046	24 6.6	
			02.90-06.96-112159	28 80	02.90-06.96-112120	24 6.6	
			02.90-06.96-113920	28 35			
26.510 12.8		(TGA)[D2876LF05]	12.00-112288	28 55	02.00-06.03-110206	24 5.4	
			12.00-113998	28 110	12.00-113855	24 5.4	
			12.00-114008	28 80			
			12.00-115492	28 110 A49			
			03.99-06.03-113289	28 90			
			03.99-06.03-113295	28 55	12.00-111046	24 6.6	
26.530 12.8		(TGA)[D2876LF13]	01.01-113998	28 110	09.02-110206	24 5.4	
			09.02-114008	28 80	01.01-113855	24 5.4	
			09.02-115492	28 110 A49	09.02-114031	24 5.5	
					09.02-115886	24 5.5	A49
					09.02-115892	24 5.5	A49
26.540 12.4		(TGS)[D2676LF06]	10.07-113998	28 110	10.07-115886	24 5.5	A49
			10.07-114007*	28 80	10.07-116087*	24 5.5	
			10.07-114528*	28 120	10.07-115440	24 7.0	
			10.07-115486	28 80 A49	10.07-115892	24 5.5	A49
			10.07-115496	28 120 A49	10.07-115556	24 5.5	
		(TGX)	10.07-114528*	28 120			
			10.07-115486	28 80 A49	10.07-115892	24 5.5	A49
			10.07-115492	28 110 A49			
			10.07-115496	28 120 A49			
					10.07-115440	24 7.0	
					10.07-115556	24 5.5	
		(TGA)[D2676LF13]	08.06-113998	28 110	08.06-115886	24 5.5	A49
			08.06-114007*	28 80	08.06-116087*	24 5.5	
			08.06-115486	28 80 A49	08.06-115892	24 5.5	A49
			08.06-115492	28 110 A49	08.06-115556	24 5.5	
			08.06-113998	28 110	08.06-115440	24 7.0	

## STARTERS & ALTERNATORS



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	(TGS)	10.07-	113998	28 110	10.07-	115886	24 5.5	A49	
		10.07-	114007*	28 80	10.07-	116087*	24 5.5		
		10.07-	114528*	28 120	10.07-	115440	24 7.0		
		10.07-	115486	28 80 A49	10.07-	115892	24 5.5	A49	
		10.07-	115496	28 120 A49	10.07-	115556	24 5.5		
	(TGX)	10.07-	114528*	28 120	10.07-	115892	24 5.5	A49	
		10.07-	115486	28 80 A49					
		10.07-	115492	28 110 A49					
		10.07-	115496	28 120 A49					
		10.07-	113998	28 110	10.07-	115440	24 7.0		
26.603 18.3	(F 2000)[D2840LF20]				10.07-	115556	24 5.5		
					06.96-	110210	24 6.6		
					06.96-	111046	24 6.6		
					06.96-	112120	24 6.6		
					06.96-	113855	24 5.4		
27.273 10.0	(F 2000)[D2865LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4		
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6		
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4		
27.293 10.0	(F 2000)[D2865LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4		
		01.94-	112159	28 80	01.94-	110210	24 6.6		
		01.94- 09.01	113920	28 35	01.94-	111046	24 6.6		
						01.94-	112120	24 6.6	
						01.94-	113855	24 5.4	
	(F 2000)[D2865LF24]	04.95-	110895	28 55	04.95-	110206	24 5.4		
		04.95-	112159	28 80	01.94-	111046	24 6.6		
		04.95- 09.01	113920	28 35	01.94-	112120	24 6.6		
					01.94-	113855	24 5.4		
					06.98-	110206	24 5.4		
					05.01-	110206	24 5.4		
27.314 12.0	(F 2000)[D2866LF23]	05.01-	110895	28 55	01.94- 12.95	110206	24 5.4		
					01.94- 12.95	111046	24 6.6		
	(F 2000)	05.01-	110895	28 55	01.94- 12.95	113855	24 5.4		
27.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4		
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6		
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4		
27.343 10.0	(F 2000)[D2865LF21]	01.94-	110895	28 55	01.94-	110206	24 5.4		
		01.94-	112159	28 80	01.94-	110210	24 6.6		
		01.94- 09.01	113920	28 35	01.94-	111046	24 6.6		
					01.94-	112120	24 6.6		
27.364 12.0	(F 2000)[D2866LF24]				01.94-	113855	24 5.4		
					06.98-	110206	24 5.4		
	(F 2000)	05.01-	110895	28 55	05.01-	110206	24 5.4		
27.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4		
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6		
		01.94- 12.95	113289	28 90	01.94- 12.95	113855	24 5.4		
		01.94- 12.95	113295	28 55					
		01.94- 12.95	113920	28 35					
27.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4		
		01.94-	112159	28 80	01.94-	110210	24 6.6		
		01.94-	113289	28 90	01.94-	111046	24 6.6		
		01.94-	113295	28 55	01.94-	112120	24 6.6		
		01.94- 09.01	113920	28 35	01.94-	113855	24 5.4		
27.414 12.0	(F 2000)[D2866LF25]				06.98-	110206	24 5.4		
					05.01-	110206	24 5.4		
27.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4		
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6		
		01.94- 12.95	113289	28 90	01.91- 12.95	113855	24 5.4		
		01.94- 12.95	113295	28 55					
		01.94- 12.95	113920	28 35					
27.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55	01.94-	110206	24 5.4		
		01.94-	112159	28 80	01.94-	110210	24 6.6		
		01.94-	113289	28 90	01.94-	111046	24 6.6		
		01.94-	113295	28 55	01.94-	112120	24 6.6		
		01.94- 09.01	113920	28 35	01.91-	113855	24 5.4		
27.464 12.8	(F 2000)	07.00-	110895	28 55					
					05.01-	110206	24 5.4		
	(F 2000)[D2876LF03]								
		(F 2000)[D2876LF06]	01.94-	110895	28 55				
	(F 2000)	05.01-	110895	28 55	05.01-	110206	24 5.4		
27.603 18.3	(F 2000)[D2840LF20]				01.96-	110210	24 6.6		
					01.96-	111046	24 6.6		
					01.96-	112120	24 6.6		
					01.96-	113855	24 5.4		
28.230 12.0	(E 2000)[E2866DF01]	05.00-	110895	28 55					
		05.00-	112159	28 80					
28.310 10.5	(TGA)[D2066LF04]	09.02-	114528*	28 120					
		09.02-	115496	28 120 A49					
		07.06-	113998	28 110	09.02-	115556	24 5.5		
		07.06-	114007*	28 80	09.02-	115892	24 5.5	A49	
		07.06-	115486	28 80 A49					
		07.06-	115492	28 110 A49					
		07.06-	113998	28 110					
	(TGA)[D2066LF14]	06.04-	114528*	28 120					
		06.04-	115496	28 120 A49					
		07.06-	113998	28 110	06.04-	115556	24 5.5		
		07.06-	114007*	28 80	06.04-	115892	24 5.5	A49	
		07.06-	115486	28 80 A49					
	(TGA)[D2066LF28]	07.06-	115492	28 110 A49					
		07.06-	113998	28 110	07.06-	115556	24 5.5		
		07.06-	114007*	28 80	07.06-	115892	24 5.5	A49	
		07.06-	114528*	28 120					
		07.06-	115486	28 80 A49					
		07.06-	115492	28 110 A49					
		07.06-	115496	28 120 A49					
		07.06-	113998	28 110					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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	(TGA)[D2066LF39]	07.06-	113998	28 110	07.06-	115556	24 5.5	
		07.06-	114007*	28 80	07.06-	115892	24 5.5	A49
		07.06-	114528*	28 120				
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49				
		07.06-	115496	28 120 A49				
		07.06-	113998	28 110				
28.310 12.0	(TGA)[D2866LF26]	09.02-	113289	28 90				
		09.02-	113295	28 55	09.02-	110206	24 5.4	
		09.02-	113998	28 110				
		09.02-	114008	28 80				
		07.06-	115492	28 110				
28.320 10.5	(TGA)[D2066LF04]	07.06-	113998	28 110	07.06-	115440	24 7.0	
		07.06-	114007*	28 80	07.06-	115556	24 5.5	
		07.06-	114528*	28 120	07.06-	115886	24 5.5	A49
		07.06-	115486	28 80 A49	07.06-	115892	24 5.5	A49
		07.06-	115492	28 110 A49				
		07.06-	115496	28 120 A49				
		07.06-	113998	28 110				
	(TGA)[D2066LF14]	07.06-	113998	28 110	07.06-	115440	24 7.0	
		07.06-	114007*	28 80	07.06-	115556	24 5.5	
		07.06-	114528*	28 120	07.06-	115886	24 5.5	A49
		07.06-	115486	28 80 A49	07.06-	115892	24 5.5	A49
		07.06-	115492	28 110 A49				
		07.06-	115496	28 120 A49				
		07.06-	113998	28 110				
	(TGA)[D2066LF28]	06.04-	114007*	28 80	07.06-	115440	24 7.0	
		06.04-	115486	28 80 A49	07.06-	115556	24 5.5	
		07.06-	113998	28 110				
		07.06-	114528*	28 120				
		07.06-	115492	28 110 A49				
		07.06-	115496	28 120 A49				
		07.06-	113998	28 110				
		07.06-	113998	28 110	07.06-	115886	24 5.5	A49
		07.06-	113998	28 110	07.06-	115892	24 5.5	A49
	(TGA)[D2066LF39]	06.04-	114007*	28 80	07.06-	115440	24 7.0	
		06.04-	115486	28 80 A49	07.06-	115556	24 5.5	
		06.04-	115492	28 110 A49	07.06-	115892	24 5.5	A49
		07.06-	113998	28 110				
		07.06-	114528*	28 120				
		07.06-	115496	28 120 A49				
		06.04-	113998	28 110	07.06-	115886	24 5.5	A49
		07.06-	113998	28 110	07.06-	115892	24 5.5	A49
	(TGS)	07.08-	113998	28 110	07.08-	115886	24 5.5	A49
		07.08-	114007*	28 80	07.08-	116087*	24 5.5	
		07.08-	114528*	28 120	07.08-	115892	24 5.5	A49
		07.08-	115486	28 80 A49				
		07.08-	115492	28 110 A49	07.08-	115556	24 5.5	
		07.08-	115496	28 120 A49				
		07.08-	113998	28 110	07.08-	115440	24 7.0	
	(TGS)[D2066LF43]	07.08-	113998	28 110	07.08-	115886	24 5.5	
		07.08-	114007*	28 80	07.08-	116087*	24 5.5	
		07.08-	114528*	28 120	07.08-	115892	24 5.5	A49
		07.08-	115486	28 80 A49				
		07.08-	115492	28 110 A49	07.08-	115556	24 5.5	
		07.08-	115496	28 120 A49				
		07.08-	113998	28 110	07.08-	115440	24 7.0	
	(TGS)[D2066LF68]	07.08-	113998	28 110	07.08-	115440	24 7.0	
		07.08-	114007*	28 80	07.08-	115556	24 5.5	
		07.08-	114528*	28 120	07.08-	115886	24 5.5	
		07.08-	115486	28 80 A49	07.08-	116087*	24 5.5	
		07.08-	115496	28 120 A49				
28.350 10.5	(TGA)[D2066LF03]	02.04-	114528*	28 120	06.04-	115886	24 5.5	A49
		02.04-	115496	28 120 A49				
		06.04-	113998	28 110	06.04-	115440	24 7.0	
		06.04-	114007*	28 80	02.04-	115556	24 5.5	
		06.04-	115486	28 80 A49	02.04-	115892	24 5.5	A49
		06.04-	115492	28 110 A49				
		06.04-	113998	28 110				
	(TGS)	08.08-	113998	28 110				
		08.08-	114007*	28 80				
		08.08-	114528*	28 120				
		08.08-	115486	28 80 A49				
		08.08-	115492	28 110 A49				
		08.08-	115496	28 120 A49				
	(TGA)[D2066LF13]	06.04-	113998	28 110	06.04-	115440	24 7.0	
		06.04-	114007*	28 80	06.04-	115556	24 5.5	
		06.04-	114528*	28 120	06.04-	115886	24 5.5	A49
		06.04-	115486	28 80 A49	06.04-	115892	24 5.5	A49
		06.04-	115492	28 110 A49				
		06.04-	115496	28 120 A49				
		06.04-	113998	28 110				
	(TGA)[D2066LF27]	06.04-	113998	28 110	06.04-	115440	24 7.0	
		06.04-	114007*	28 80	06.04-	115556	24 5.5	
		06.04-	114528*	28 120	06.04-	115886	24 5.5	A49
		06.04-	115486	28 80 A49	06.04-	115892	24 5.5	A49
		06.04-	115492	28 110 A49				
		06.04-	115496	28 120 A49				
		06.04-	113998	28 110				
	(TGA)[D2066LF38]	06.04-	113998	28 110	06.04-	115440	24 7.0	
		06.04-	114007*	28 80	06.04-	115556	24 5.5	
		06.04-	114528*	28 120	06.04-	115886	24 5.5	A49
		06.04-	115486	28 80 A49	06.04-	115892	24 5.5	A49
		06.04-	115492	28 110 A49				
		06.04-	115496	28 120 A49				
		06.04-	113998	28 110				

## STARTERS & ALTERNATORS



28.360 10.5	(TGA)[D2066LF03]	06.04-	115486	28 80 A49				
		06.04-	115492	28 110 A49				
			06.04-	113998	28 110	06.04-	115556	24 5.5
						06.04-	115892	24 5.5 A49
	(TGA)[D2066LF13]	06.04-	115486	28 80 A49				
		06.04-	115492	28 110 A49				
			06.04-	113998	28 110	06.04-	115556	24 5.5
						06.04-	115892	24 5.5 A49
	(TGA)[D2066LF27]	06.04-	115486	28 80 A49				
		06.04-	115492	28 110 A49				
			06.04-	113998	28 110	06.04-	115556	24 5.5
						06.04-	115892	24 5.5 A49
	(TGX)	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
			10.07-	113998	28 110	10.07-	115556	24 5.5
						10.07-	115892	24 5.5 A49
	(TGA)[D2066LF38]	06.04-	115486	28 80 A49				
		06.04-	115492	28 110 A49				
			04.06-	114007*	28 80	06.04-	115556	24 5.5
			06.04-	113998	28 110			
(TGS)	08.08-	113998	28 110		08.08-	115440	24 7.0	
	08.08-	114007*	28 80		08.08-	115556	24 5.5	
	08.08-	114528*	28 120		08.08-	115886	24 5.5 A49	
	08.08-	115486	28 80 A49		08.08-	116087*	24 5.5	
	08.08-	115492	28 110 A49					
	08.08-	115496	28 120 A49		08.08-	115892	24 5.5 A49	
	08.08-	113998	28 110					
(TGX)	10.07-	115486	28 80 A49					
	10.07-	115492	28 110 A49					
		10.07-	113998	28 110	10.07-	115556	24 5.5	
					10.07-	115892	24 5.5 A49	
(TGS)[D2066LF42]	08.08-	113998	28 110		08.08-	115440	24 7.0	
	08.08-	114007*	28 80		08.08-	115556	24 5.5	
	08.08-	114528*	28 120		08.08-	115886	24 5.5 A49	
	08.08-	115486	28 80 A49		08.08-	116087*	24 5.5	
	08.08-	115492	28 110 A49					
	08.08-	115496	28 120 A49		08.08-	115892	24 5.5 A49	
	08.08-	113998	28 110					
(TGX)	10.07-	115486	28 80 A49					
	10.07-	115492	28 110 A49					
		10.07-	113998	28 110	10.07-	115556	24 5.5	
					10.07-	115892	24 5.5 A49	
(TGS)[D2066LF48]	08.08-	113998	28 110		08.08-	115440	24 7.0	
	08.08-	114007*	28 80		08.08-	115556	24 5.5	
		08.08-	114528*	28 120	08.08-	115886	24 5.5 A49	
		08.08-	115486	28 80 A49	08.08-	116087*	24 5.5	
		08.08-	115492	28 110 A49				
		08.08-	115496	28 120 A49	08.08-	115892	24 5.5 A49	
		08.08-	113998	28 110				
(TGS)[D2066LF64]	08.08-	113998	28 110		08.08-	115440	24 7.0	
	08.08-	114007*	28 80		08.08-	115556	24 5.5	
		08.08-	114528*	28 120	08.08-	115886	24 5.5 A49	
		08.08-	115486	28 80 A49	08.08-	116087*	24 5.5	
		08.08-	115496	28 120 A49				
(TGS)[D2066LF67]	08.08-	113998	28 110		08.08-	115440	24 7.0	
	08.08-	114007*	28 80		08.08-	115556	24 5.5	
		08.08-	114528*	28 120	08.08-	115886	24 5.5 A49	
		08.08-	115486	28 80 A49	08.08-	116087*	24 5.5	
		08.08-	115496	28 120 A49				
(TGX)	10.07-	115486	28 80 A49					
	10.07-	115492	28 110 A49					
		10.07-	113998	28 110	10.07-	115556	24 5.5	
					10.07-	115892	24 5.5 A49	
28.360 12.0	(E2000 Evolution)[D2866LF24]				05.00-	110206	24 5.4	
	(TGA)[D2866LF27]	09.02-	113289	28 90				
		09.02-	113295	28 55	09.02-	110206	24 5.4	
		09.02-	113998	28 110	07.06-	115556	24 5.5	
		09.02-	114008	28 80	07.06-	115892	24 5.5 A49	
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49				
		07.06-	113998	28 110				
28.390 10.5	(TGA)[D2066LF02]	05.04-	114528*	28 120	06.04-	115886	24 5.5 A49	
		05.04-	115496	28 120 A49				
		06.04-	113998	28 110	06.04-	115440	24 7.0	
		06.04-	114007*	28 80	06.04-	115556	24 5.5	
		06.04-	115486	28 80 A49	06.04-	115892	24 5.5 A49	
		06.04-	115492	28 110 A49				
			06.04-	113998	28 110			
	(TGS)	06.08-	113998	28 110				
		06.08-	114007*	28 80				
		06.08-	114528*	28 120				
		06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49				
		06.08-	115496	28 120 A49				
	(TGA)[D2066LF12]	05.04-	114528*	28 120	06.04-	115886	24 5.5 A49	
		05.04-	115496	28 120 A49				
		06.04-	113998	28 110	06.04-	115440	24 7.0	
		06.04-	114007*	28 80	06.04-	115556	24 5.5	
		06.04-	115486	28 80 A49	06.04-	115892	24 5.5 A49	
		06.04-	115492	28 110 A49				
			06.04-	113998	28 110			
(TGA)[D2066LF26]	06.04-	113998	28 110	06.04-	115440	24 7.0		
	06.04-	114007*	28 80	06.04-	115556	24 5.5		
	06.04-	114528*	28 120	06.04-	115886	24 5.5		
	06.04-	115486	28 80 A49	06.04-	115892	24 5.5 A49		
	06.04-	115492	28 110 A49					
	06.04-	115496	28 120 A49					
	06.04-	113998	28 110					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

MAN Continued

	(TGA)[D2066LF37]	06.04-113998	28 110	06.04-115440	24 7.0
		06.04-114007*	28 80	06.04-115556	24 5.5
		06.04-114528*	28 120	06.04-115886	24 5.5 A49
		06.04-115486	28 80 A49	06.04-115892	24 5.5 A49
		06.04-115492	28 110 A49		
		06.04-115496	28 120 A49		
		06.04-113998	28 110		
28.390 12.8	(TGA)[D2876LF12]	07.06-114008	28 80		
28.400 10.5	(TGA)[D2066LF02]	06.04-115486	28 80 A49		
		06.04-115492	28 110 A49		
		06.04-113998	28 110	06.04-115556	24 5.5
		06.04-115486	28 80 A49	06.04-115892	24 5.5 A49
	(TGA)[D2066LF12]	06.04-115492	28 110 A49		
		06.04-113998	28 110	06.04-115556	24 5.5
		06.04-115486	28 80 A49	06.04-115892	24 5.5 A49
	(TGA)[D2066LF26]	06.04-115492	28 110 A49		
		06.04-113998	28 110	06.04-115556	24 5.5
		06.04-115486	28 80 A49	06.04-115892	24 5.5 A49
	(TGX)	10.07-115486	28 80 A49		
		10.07-115492	28 110 A49		
		10.07-113998	28 110	10.07-115556	24 5.5
		10.07-115486	28 80 A49	10.07-115892	24 5.5 A49
	(TGA)[D2066LF37]	06.04-114528*	28 120		
		06.04-115486	28 80 A49		
		06.04-115492	28 110 A49	06.04-115892	24 5.5 A49
		06.04-115496	28 120 A49		
		07.06-114007*	28 80		
		06.04-113998	28 110	06.04-115556	24 5.5
	(TGS)	08.08-113998	28 110	08.08-115440	24 7.0
		08.08-114007*	28 80	08.08-115556	24 5.5
		08.08-114528*	28 120	08.08-115886	24 5.5 A49
		08.08-115486	28 80 A49	08.08-116087*	24 5.5
		08.08-115492	28 110 A49		
		08.08-115496	28 120 A49	08.08-115892	24 5.5 A49
		08.08-113998	28 110		
	(TGX)	10.07-114528*	28 120		
		10.07-115486	28 80 A49		
		10.07-115492	28 110 A49		
		10.07-115496	28 120 A49		
		10.07-113998	28 110	10.07-115556	24 5.5
		10.07-113998	28 110	10.07-115892	24 5.5 A49
	(TGS)[D2066LF41]	08.08-113998	28 110	08.08-115440	24 7.0
		08.08-114007*	28 80	08.08-115556	24 5.5
		08.08-114528*	28 120	08.08-115886	24 5.5 A49
		08.08-115486	28 80 A49	08.08-116087*	24 5.5
		08.08-115492	28 110 A49		
		08.08-115496	28 120 A49	08.08-115892	24 5.5 A49
		08.08-113998	28 110		
	(TGX)	10.07-114528*	28 120		
		10.07-115486	28 80 A49		
		10.07-115492	28 110 A49		
		10.07-115496	28 120 A49		
		10.07-113998	28 110	10.07-115556	24 5.5
		10.07-113998	28 110	10.07-115892	24 5.5 A49
	(TGS)[D2066LF49]	08.08-113998	28 110	08.08-115440	24 7.0
		08.08-114007*	28 80	08.08-115556	24 5.5
		08.08-114528*	28 120	08.08-115886	24 5.5 A49
		08.08-115486	28 80 A49	08.08-116087*	24 5.5
		08.08-115496	28 120 A49		
		08.08-113998	28 110		
	(TGS)[D2066LF61]	08.08-113998	28 110	08.08-115440	24 7.0
		08.08-114007*	28 80	08.08-115556	24 5.5
		08.08-114528*	28 120	08.08-115886	24 5.5 A49
		08.08-115486	28 80 A49	08.08-116087*	24 5.5
		08.08-115496	28 120 A49		
	(TGX)	10.07-115486	28 80 A49		
		10.07-115492	28 110 A49		
		10.07-115496	28 120 A49		
		10.07-113998	28 110	10.07-115556	24 5.5
		10.07-113998	28 110	10.07-115892	24 5.5 A49
	(TGS)[D2066LF63]	08.08-113998	28 110	08.08-115440	24 7.0
		08.08-114007*	28 80	08.08-115556	24 5.5
		08.08-114528*	28 120	08.08-115886	24 5.5 A49
		08.08-115486	28 80 A49	08.08-116087*	24 5.5
		08.08-115496	28 120 A49		
28.410 12.0	(TGA)[D2866LF28]	09.02-113289	28 90		
		09.02-113295	28 55	09.02-110206	24 5.4
		09.02-113998	28 110		
		09.02-114008	28 80		
		07.06-115492	28 110		
28.430 10.5	(TGA)[D2066LF01]	05.04-114528*	28 120	06.04-115886	24 5.5 A49
		05.04-115496	28 120 A49		
		06.04-113998	28 110	06.04-115440	24 7.0
		06.04-114007*	28 80	06.04-115556	24 5.5
		06.04-115486	28 80 A49	06.04-115892	24 5.5 A49
		06.04-115492	28 110 A49		
		06.04-113998	28 110		
	(TGS)	08.08-113998	28 110		
		08.08-114007*	28 80		
		08.08-114528*	28 120		
		08.08-115486	28 80 A49		
		08.08-115492	28 110 A49		
		08.08-115496	28 120 A49		



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	(TGA)[D2066LF11]	05.04-	114528*	28 120	06.04-	115886	24 5.5	A49
		05.04-	115496	28 120 A49				
		06.04-	113998	28 110	06.04-	115440	24 7.0	
		06.04-	114007*	28 80	06.04-	115556	24 5.5	
		06.04-	115486	28 80 A49	06.04-	115892	24 5.5	A49
		06.04-	115492	28 110 A49				
		06.04-	113998	28 110				
	(TGA)[D2066LF25]	06.04-	113998	28 110	06.04-	115440	24 7.0	
		06.04-	114007*	28 80	06.04-	115556	24 5.5	
		06.04-	114528*	28 120	06.04-	115886	24 5.5	A49
		06.04-	115486	28 80 A49	06.04-	115892	24 5.5	A49
		06.04-	115492	28 110 A49				
		06.04-	115496	28 120 A49				
		06.04-	113998	28 110				
	(TGA)[D2066LF36]	06.04-	113998	28 110	06.04-	115440	24 7.0	
06.04-		114007*	28 80	06.04-	115556	24 5.5		
06.04-		114528*	28 120	06.04-	115886	24 5.5	A49	
06.04-		115486	28 80 A49	06.04-	115892	24 5.5	A49	
06.04-		115492	28 110 A49					
06.04-		115496	28 120 A49					
06.04-		113998	28 110					
28.440 10.5	(TGA)[D2066LF01]	06.04-	115486	28 80 A49				
		06.04-	115492	28 110 A49				
		06.04-	113998	28 110	06.04-	115556	24 5.5	
	(TGA)[D2066LF11]	06.04-	115486	28 80 A49	06.04-	115892	24 5.5	A49
		06.04-	115492	28 110 A49				
		06.04-	113998	28 110	06.04-	115556	24 5.5	
	(TGA)[D2066LF25]	06.04-	115486	28 80 A49	06.04-	115892	24 5.5	A49
		06.04-	115492	28 110 A49	06.04-	115556	24 5.5	
		06.04-	113998	28 110				
	(TGX)	10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110	10.07-	115556	24 5.5	
	(TGA)[D2066LF36]	06.04-	115486	28 80 A49	10.07-	115892	24 5.5	A49
		06.04-	115492	28 110 A49				
		06.04-	113998	28 110	06.04-	115892	24 5.5	A49
(TGS)	08.08-	113998	28 110	06.04-	115440	24 7.0		
	08.08-	114007*	28 80	06.04-	115556	24 5.5		
	08.08-	114528*	28 120	08.08-	115886	24 5.5	A49	
(TGX)	08.08-	115486	28 80 A49	08.08-	115440	24 7.0		
	08.08-	115492	28 110 A49	08.08-	115892	24 5.5	A49	
	08.08-	115496	28 120 A49	08.08-	115556	24 5.5		
(TGX)	08.08-	113998	28 110	08.08-	116087*	24 5.5		
	10.07-	115486	28 80 A49	10.07-	115892	24 5.5	A49	
	10.07-	115492	28 110 A49					
(TGS)[D2066LF40]	10.07-	113998	28 110	10.07-	115440	24 7.0		
	10.07-	113998	28 110	10.07-	115556	24 5.5		
	08.08-	113998	28 110	08.08-	115440	24 7.0		
(TGX)	08.08-	114007*	28 80	08.08-	115556	24 5.5		
	08.08-	114528*	28 120	08.08-	115886	24 5.5	A49	
	08.08-	115486	28 80 A49	08.08-	116087*	24 5.5		
(TGS)	08.08-	115492	28 110 A49	08.08-	115892	24 5.5	A49	
	08.08-	115496	28 120 A49					
	08.08-	113998	28 110	08.08-	115892	24 5.5	A49	
(TGX)	10.07-	115486	28 80 A49	10.07-	115440	24 7.0		
	10.07-	115492	28 110 A49	10.07-	115556	24 5.5		
	10.07-	113998	28 110	08.08-	115440	24 7.0		
(TGS)[D2066LF50]	08.08-	113998	28 110	08.08-	115556	24 5.5		
	08.08-	114007*	28 80	08.08-	115886	24 5.5	A49	
	08.08-	114528*	28 120	08.08-	116087*	24 5.5		
(TGS)[D2066LF62]	08.08-	115486	28 80 A49	08.08-	115892	24 5.5	A49	
	08.08-	115496	28 120 A49					
	08.08-	113998	28 110	08.08-	115440	24 7.0		
28.440 12.4	[D2676LF26]	08.08-	114007*	28 80	08.08-	115556	24 5.5	
		08.08-	114528*	28 120	08.08-	115886	24 5.5	A49
		08.08-	115486	28 80 A49	08.08-	116087*	24 5.5	
28.460 12.8	(E 2000)[D2876LF03]	08.08-	115496	28 120 A49				
		05.00-	110895	28 55	10.12-	115556	24 5.5	
		05.00-	112159	28 80	10.12-	115892	24 5.5	A49
(E2000 Evolution)	05.00-	113289	28 90					
	05.00-	113295	28 55					
	05.00-	113920	28 35					
(TGA)[D2876LF04]	05.00-	113920	28 35					
	09.02-	113289	28 90	09.02-	110206	24 5.4		
	09.02-	113295	28 55					
28.480 12.4	(TGA)[D2676LF02]	09.02-	113998	28 110				
		09.02-	114008	28 80				
		02.06-	115492	28 110 A49	02.06-	115892	24 5.5	A49
(TGS)	02.06-	113998	28 110	02.06-	115556	24 5.5		
	08.08-	113998	28 110	08.08-	115440	24 7.0		
	08.08-	114007*	28 80	08.08-	115556	24 5.5		
(TGA)[D2676LF05]	08.08-	114528*	28 120	08.08-	115886	24 5.5	A49	
	08.08-	115486	28 80 A49	08.08-	116087*	24 5.5		
	08.08-	115496	28 120 A49					
	(TGA)[D2676LF05]	02.06-	115492	28 110 A49	02.06-	115892	24 5.5	A49
		07.06-	114007*	28 80				
		07.06-	115486	28 80 A49				
		02.06-	113998	28 110	02.06-	115556	24 5.5	

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		(TGS)	08.08-	113998	28 110	08.08-	115886	24 5.5	A49
			08.08-	114007*	28 80	08.08-	116087*	24 5.5	
			08.08-	114528*	28 120	08.08-	115440	24 7.0	
			08.08-	115486	28 80 A49	08.08-	115892	24 5.5	A49
			08.08-	115496	28 120 A49	08.08-	115556	24 5.5	
		(TGX)	10.07-	115486	28 80 A49	10.07-	115892	24 5.5	A49
			10.07-	115492	28 110 A49				
			10.07-	113998	28 110	10.07-	115440	24 7.0	
			10.07-	113998	28 110	10.07-	115556	24 5.5	
		(TGS)[D2676LF07]	08.08-	113998	28 110	08.08-	115886	24 5.5	A49
			08.08-	114007*	28 80	08.08-	116087*	24 5.5	
			08.08-	114528*	28 120	08.08-	115440	24 7.0	
			08.08-	115486	28 80 A49	08.08-	115892	24 5.5	A49
			08.08-	115496	28 120 A49	08.08-	115556	24 5.5	
		(TGX)	10.07-	115486	28 80 A49	10.07-	115440	24 7.0	
			10.07-	115492	28 110 A49				
			10.07-	113998	28 110	10.07-	115556	24 5.5	
			10.07-	113998	28 110	10.07-	115892	24 5.5	A49
		(TGA)[D2676LF14]	02.06-	115492	28 110 A49	02.06-	115892	24 5.5	A49
			02.06-	113998	28 110	02.06-	115556	24 5.5	
		(TGX)	10.07-	115486	28 80 A49	10.07-	115892	24 5.5	A49
			10.07-	115492	28 110 A49				
			10.07-	113998	28 110	10.07-	115440	24 7.0	
			10.07-	113998	28 110	10.07-	115556	24 5.5	
		(TGS)[D2676LF20]	08.08-	113998	28 110	08.08-	115440	24 7.0	
			08.08-	114007*	28 80	08.08-	115556	24 5.5	
			08.08-	114528*	28 120	08.08-	115886	24 5.5	A49
			08.08-	115486	28 80 A49	08.08-	116087*	24 5.5	
			08.08-	115496	28 120 A49				
		(TGS)[D2676LF25]	08.08-	113998	28 110	08.08-	115440	24 7.0	
			08.08-	114007*	28 80	08.08-	115556	24 5.5	
			08.08-	114528*	28 120	08.08-	115886	24 5.5	A49
			08.08-	115486	28 80 A49	08.08-	116087*	24 5.5	
			08.08-	115496	28 120 A49				
		(TGX)	10.07-	115486	28 80 A49				
			10.07-	115492	28 110 A49				
			10.07-	113998	28 110	10.07-	115556	24 5.5	
			10.07-	113998	28 110	10.07-	115892	24 5.5	A49
28.480	12.8	(TGA)[D2876LF12]	09.02-	113998	28 110	09.02-	110206	24 5.4	
			09.02-	114008	28 80	09.02-	113855	24 5.4	
						09.02-	114031	24 5.5	
						09.02-	115886	24 5.5	A49
28.510	12.8	(TGA)[D2876LF05]	09.02-	113289	28 90	09.02-	110206	24 5.4	
			09.02-	113295	28 55				
			09.02-	113998	28 110				
			09.02-	114008	28 80				
28.530	12.8	(TGA)[D2876LF13]	09.02-	113998	28 110	09.02-	110206	24 5.4	
			09.02-	114008	28 80	09.02-	113855	24 5.4	
						09.02-	114031	24 5.5	
						09.02-	115886	24 5.5	A49
28.540	12.4	(TGS)[D2676LF06]	06.08-	113998	28 110	02.09-	115556	24 5.5	
			06.08-	114007*	28 80	02.09-	115892	24 5.5	A49
			06.08-	114528*	28 120				
			06.08-	115486	28 80				
			06.08-	115496	28 120 A49				
		(TGX)	10.07-	115486	28 80 A49	10.07-	115892	24 5.5	A49
			10.07-	115492	28 110 A49				
			02.09-	114528*	28 120				
			02.09-	115496	28 120 A49				
			10.07-	113998	28 110	10.07-	115440	24 7.0	
			10.07-	113998	28 110	10.07-	115556	24 5.5	
		(TGA)[D2676LF13]	08.06-	114007*	28 80				
			08.06-	115486	28 80 A49				
			08.06-	115492	28 110 A49	08.06-	115892	24 5.5	A49
			08.06-	113998	28 110	08.06-	115556	24 5.5	
		(TGX)	10.07-	115486	28 80 A49	10.07-	115892	24 5.5	A49
			10.07-	115492	28 110 A49				
			10.07-	113998	28 110	10.07-	115440	24 7.0	
			10.07-	113998	28 110	10.07-	115556	24 5.5	
29.460	12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35				
29.480	12.4	(TGX)[D2676LF05]	08.15-	114528*	28 120	08.15-	115556	24 5.5	
			08.15-	115496	28 120 A49	08.15-	115886	24 5.5	A49
		(TGX)[D2676LF07]	08.15-	114528*	28 120	08.15-	115556	24 5.5	
			08.15-	115496	28 120 A49	08.15-	115886	24 5.5	A49
		(TGX)[D2676LF14]	08.15-	114528*	28 120	08.15-	115556	24 5.5	
			08.15-	115496	28 120 A49	08.15-	115886	24 5.5	A49
		(TGX)[D2676LF25]	08.15-	114528*	28 120	08.15-	115556	24 5.5	
			08.15-	115496	28 120 A49	08.15-	115886	24 5.5	A49
30.310	12.0	(E2000 Evolution)[D2866LF23]	05.00-	110895	28 55	05.00-	110206	24 5.4	
			05.00-	112159	28 80				
			05.00-	113289	28 90				
			05.00-	113295	28 55				
			05.00-	113920	28 35				
30.460	12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35				
32.262	10.0	(F 90)[D2865LF/260]	02.89- 02.90	110761#	28 35	02.89- 02.90	110206	24 5.4	
			02.89- 02.90	110895	28 55	02.89- 02.90	110210	24 6.6	
			02.89- 02.90	112159	28 80	02.89- 02.90	111046	24 6.6	
						02.89- 02.90	112120	24 6.6	
						02.89- 02.90	113855	24 5.4	
32.272	10.0	(F 90)[D2865LF02]	02.90- 04.95	110761#	28 35	02.90- 04.95	110206	24 5.4	
			02.90- 04.95	110895	28 55	02.90- 04.95	110210	24 6.6	
			02.90- 04.95	112159	28 80	02.90- 04.95	111046	24 6.6	
			11.93- 04.95	113920	28 35	02.90- 04.95	112120	24 6.6	
						02.90- 04.95	113855	24 5.4	

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	(F 90)[D2865LF05]	02.90- 10.93	110761#	28 35		02.90- 04.95	110206	24 5.4
		02.90- 04.95	110895	28 55		02.90- 04.95	110210	24 6.6
		02.90- 04.95	112159	28 80		02.90- 04.95	112120	24 6.6
		11.93- 04.95	113920	28 35		02.90- 04.95	113855	24 5.4
						02.90- 04.95	111046	24 6.6
32.292	12.0	(F 90)[D2866LF/290]	03.88- 02.90	110761#	28 35	03.88- 02.90	110206	24 5.4
			03.88- 02.90	110895	28 55	111046	24 6.6	
			03.88- 02.90	112159	28 80	113855	24 5.4	
32.293	10.0	(F 2000)[D2865LF24]	08.95-	110895	28 55	08.95-	110206	24 5.4
			08.95-	112159	28 80	111046	24 6.6	
			08.95- 09.01	113920	28 35	113855	24 5.4	
32.302	12.0	(F 90)[D2866LF04]	05.90- 09.91	110761#	28 35	05.90- 09.91	110206	24 5.4
			05.90- 09.91	110895	28 55	111046	24 6.6	
			05.90- 09.91	112159	28 80	113855	24 5.4	
32.310	12.0	(E2000 Evolution)[D2866LF23]	05.00-	110895	28 55	05.00-	110206	24 5.4
			05.00-	112159	28 80			
			05.00-	113289	28 90			
			05.00-	113295	28 55			
			05.00-	113920	28 35			
		(TGA)[D2866LF26]	01.02-	113289	28 90	01.02-	110206	24 5.4
			01.02-	113295	28 55			
32.320	10.5	(TGS)[D2066LF39]	08.08-	113998	28 110			
			08.08-	114007*	28 80			
			08.08-	114528*	28 120			
			08.08-	115486	28 80 A49			
			08.08-	115492	28 110 A49			
			08.08-	115496	28 120 A49			
		(TGS)[D2066LF43]	02.09-	114007*	28 80	02.09-	115556	24 5.5
			02.09-	115486	28 80 A49	02.09-	115892	24 5.5 A49
		(TGS)[D2066LF53]	08.08-	113998	28 110			
			08.08-	114007*	28 80			
			08.08-	114528*	28 120			
			08.08-	115486	28 80			
			08.08-	115492	28 110 A49			
			08.08-	115496	28 120			
		(TGS)[D2066LF68]	08.08-	113998	28 110			
			08.08-	114007*	28 80			
			08.08-	114528*	28 120			
			08.08-	115486	28 80 A49			
			08.08-	115492	28 110 A49			
			08.08-	115496	28 120 A49			
32.322	10.0	(F 90)[D2865LF03]	02.90- 08.93	110761#	28 35	02.90- 06.96	110206	24 5.4
			02.90- 05.94	112159	28 80	02.90- 06.96	111046	24 6.6
			07.93- 05.94	110895	28 55	02.90- 05.94	110210	24 6.6
			09.93- 05.94	113920	28 35			
		(F 90)[D2865LF06]	02.90- 08.93	110761#	28 35	02.90- 06.96	110206	24 5.4
			02.90- 05.94	112159	28 80	02.90- 06.96	111046	24 6.6
			07.93- 05.94	110895	28 55	02.90- 05.94	110210	24 6.6
			09.93- 05.94	113920	28 35			
32.332	12.0	(F 90)[D2866LF/330]	03.88- 02.90	110761#	28 35	03.88- 02.90	110206	24 5.4
			03.88- 02.90	110895	28 55	03.88- 02.90	111046	24 6.6
			03.88- 02.90	112159	28 80	03.88- 02.90	113855	24 5.4
32.342	10.0	(F 90)[D2865LF09]	05.94- 06.96	110895	28 55	05.94- 06.96	110210	24 6.6
			05.94- 06.96	112159	28 80	05.94- 06.96	111046	24 6.6
			05.94- 06.96	113920	28 35			
32.343	10.0	(F 2000)[D2865LF21]	08.95-	110895	28 55	08.95-	110206	24 5.4
			08.95-	112159	28 80	08.95-	111046	24 6.6
			08.95- 09.01	113920	28 35	08.95-	113855	24 5.4
32.350	10.5	(TGA)[D2066LF03]	02.04-	114528*	28 120			
			02.04-	115486	28 80 A49			
			02.04-	115492	28 110 A49			
			02.04-	115496	28 120 A49			
			02.04-	113998	28 110	02.04-	115556	24 5.5
						02.04-	115892	24 5.5 A49
		(TGA)[D2066LF33]	02.04-	114528*	28 120			
			02.04-	115486	28 80 A49			
			02.04-	115492	28 110 A49			
			02.04-	115496	28 120 A49			
			02.04-	113998	28 110	02.04-	115556	24 5.5
						02.04-	115892	24 5.5 A49
		(TGA)[D2066LF38]	02.04-	114528*	28 120			
			02.04-	115486	28 80 A49			
			02.04-	115492	28 110 A49			
			02.04-	115496	28 120 A49			
			02.04-	113998	28 110	02.04-	115556	24 5.5
						02.04-	115892	24 5.5 A49
32.360	10.5	(TGA)[D2066LF03]	02.04-	114528*	28 120			
			02.04-	115486	28 80 A49			
			02.04-	115492	28 110 A49			
			02.04-	115496	28 120 A49			
			02.04-	113998	28 110	02.04-	115556	24 5.5
						02.04-	115892	24 5.5 A49
		(TGA)[D2066LF13]	02.04-	114528*	28 120			
			02.04-	115486	28 80 A49			
			02.04-	115492	28 110 A49			
			02.04-	115496	28 120 A49			
			02.04-	113998	28 110	02.04-	115556	24 5.5
						02.04-	115892	24 5.5 A49
		(TGS)[D2066LF27]	10.07-	114007*	28 80			
			10.07-	115486	28 80 A49			
		(TGX)	10.07-	115486	28 80 A49			
			10.07-	115492	28 110 A49			
			10.07-	113998	28 110	10.07-	115556	24 5.5
						10.07-	115892	24 5.5 A49

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	(TGA)[D2066LF33]	02.04-114528*	28 120				
		02.04-115486	28 80 A49				
		02.04-115492	28 110 A49				
		02.04-115496	28 120 A49				
		02.04-113998	28 110	02.04-115556	24 5.5		
				02.04-115892	24 5.5 A49		
	(TGS)[D2066LF38]	10.07-114007*	28 80				
		10.07-115486	28 80 A49				
		08.08-115492	28 110 A49	08.08-115892	24 5.5 A49		
		08.08-113998	28 110	08.08-115556	24 5.5		
	(TGX)	10.07-115486	28 80 A49				
		10.07-115492	28 110 A49				
		10.07-113998	28 110	10.07-115556	24 5.5		
				10.07-115892	24 5.5 A49		
	(TGS)[D2066LF42]	10.07-114007*	28 80				
		10.07-115486	28 80 A49				
	(TGX)	10.07-115486	28 80 A49				
		10.07-115492	28 110 A49				
		10.07-113998	28 110	10.07-115556	24 5.5		
				10.07-115892	24 5.5 A49		
	(TGX)[D2066LF67]	10.07-113998	28 110	10.07-115556	24 5.5		
				10.07-115892	24 5.5 A49		
32.360 12.0	(E2000 Evolution)[D2866LF24]			05.00-110206	24 5.4		
	(TGA)[D2866LF27]	09.02-113289	28 90	09.02-110206	24 5.4		
		09.02-113295	28 55				
32.362 12.0	(F 90)[D2866LXF]	03.88-02.90-110761#	28 35	03.88-02.90-110206	24 5.4		
		03.88-02.90-110895	28 55	03.88-02.90-111046	24 6.6		
		03.88-02.90-112159	28 80	03.88-02.90-113855	24 5.4		
32.372 12.0	(F 90)[D2866LF03]	02.90-08.93-110761#	28 35				
		02.90-04.92-110895	28 55				
		02.90-06.96-112159	28 80	02.90-05.94-110206	24 5.4		
		09.93-06.96-113920	28 35				
	(F 90)[D2866LF05]	02.90-08.93-110761#	28 35	10.92-05.94-110206	24 5.4		
		02.90-04.92-110895	28 55				
		02.90-06.96-112159	28 80				
		09.93-06.96-113920	28 35				
	(F 90)[D2866LF15]	02.90-08.93-110761#	28 35				
		02.90-04.92-110895	28 55				
		02.90-06.96-112159	28 80	05.94-06.96-110206	24 5.4		
		09.93-06.96-113920	28 35				
	(F 90)[D2866LXF/Silent]	05.90-04.95-110761#	28 35	02.90-06.96-110206	24 5.4		
		05.90-04.95-110895	28 55	05.90-04.95-111046	24 6.6		
				05.90-04.95-113855	24 5.4		
32.390 10.5	(TGA)[D2066LF02]	05.04-114528*	28 120	05.04-115892	24 5.5 A49		
		05.04-115486	28 80 A49				
		05.04-115492	28 110 A49				
		05.04-115496	28 120 A49				
		05.04-113998	28 110	05.04-116087*	24 5.5		
				05.04-115556	24 5.5		
	(TGA)[D2066LF12]	05.04-114528*	28 120	05.04-115892	24 5.5 A49		
		05.04-115486	28 80 A49				
		05.04-115492	28 110 A49				
		05.04-115496	28 120 A49				
		05.04-113998	28 110	05.04-116087*	24 5.5		
				05.04-115556	24 5.5		
	(TGA)[D2066LF37]	05.04-114528*	28 120	05.04-115892	24 5.5 A49		
		05.04-115486	28 80 A49				
		05.04-115492	28 110 A49				
		05.04-115496	28 120 A49				
		05.04-113998	28 110	05.04-116087*	24 5.5		
				05.04-115556	24 5.5		
32.400 10.5	(TGA)[D2066LF02]	05.04-114528*	28 120	05.04-116087*	24 5.5		
		05.04-115486	28 80 A49				
		05.04-115492	28 110 A49				
		05.04-115496	28 120 A49				
		05.04-113998	28 110	05.04-115556	24 5.5		
				05.04-115892	24 5.5 A49		
	(TGA)[D2066LF12]	05.04-114528*	28 120	05.04-116087*	24 5.5		
		05.04-115486	28 80 A49				
		05.04-115492	28 110 A49				
		05.04-115496	28 120 A49				
		05.04-113998	28 110	05.04-115556	24 5.5		
				05.04-115892	24 5.5 A49		
	(TGS)[D2066LF26]	10.07-115492	28 110 A49				
		10.07-113998	28 110				
	(TGA)[D2066LF32]	05.04-114528*	28 120	05.04-116087*	24 5.5		
		05.04-115486	28 80 A49				
		05.04-115492	28 110 A49				
		05.04-115496	28 120 A49				
		05.04-113998	28 110	05.04-115556	24 5.5		
				05.04-115892	24 5.5 A49		
	(TGS)[D2066LF37]	10.07-115492	28 110 A49	08.08-115892	24 5.5 A49		
		10.07-113998	28 110	08.08-115556	24 5.5		
	(TGS)[D2066LF41]	10.07-115492	28 110 A49				
		10.07-113998	28 110				
32.402 12.0	(F 90)[D2866LF16]	05.94-06.96-112159	28 80	05.94-06.96-110206	24 5.4		
		05.94-06.96-113920	28 35				
32.403 12.0	(F 2000)[D2866LF20]	08.95-110895	28 55	08.95-110206	24 5.4		
		08.95-112159	28 80	08.95-111046	24 6.6		
		08.95-113289	28 90	08.95-113855	24 5.4		
		08.95-113295	28 55				
		08.95-09.01-113920	28 35				
32.410 12.0	(E2000 Evolution)[D2866LF25]			05.00-110206	24 5.4		
	(TGA)[D2866LF28]	09.02-113289	28 90				
		09.02-113295	28 55	09.02-110206	24 5.4		



32.422	12.0	(F 90)[D2866LF06]	09.93- 06.96	113920	28 35	02.90- 06.96	110206	24	5.4						
			08.93	110761#	28 35										
			04.92	110895	28 55										
			06.96	112159	28 80										
			02.90- 08.93	110761#	28 35										
			02.90- 06.96	112159	28 80										
32.430	10.5	(TGA)[D2066LF01]	05.04-	114528*	28 120	05.04-	115556	24	5.5						
			05.04-	115486	28 80 A49										
			05.04-	115492	28 110 A49										
			05.04-	115496	28 120 A49										
			05.04-	113998	28 110										
			05.04-	115892	24 5.5 A49										
32.430	10.5	(TGA)[D2066LF11]	05.04-	114528*	28 120	05.04-	115556	24	5.5						
			05.04-	115486	28 80 A49										
			05.04-	115492	28 110 A49										
			05.04-	115496	28 120 A49										
			05.04-	113998	28 110										
			05.04-	115892	24 5.5 A49										
32.430	10.5	(TGA)[D2066LF36]	05.04-	114528*	28 120	05.04-	115556	24	5.5						
			05.04-	115486	28 80 A49										
			05.04-	115492	28 110 A49										
			05.04-	115496	28 120 A49										
			05.04-	113998	28 110										
			05.04-	115892	24 5.5 A49										
32.440	10.5	(TGA)[D2066LF01]	05.04-	114528*	28 120	05.04-	115556	24	5.5						
			05.04-	115486	28 80 A49										
			05.04-	115492	28 110 A49										
			05.04-	115496	28 120 A49										
		(TGA)[D2066LF11]	05.04-	113998	28 110	05.04-	115892	24	5.5	A49					
			05.04-	114528*	28 120										
			05.04-	115486	28 80 A49										
			05.04-	115492	28 110 A49										
		(TGS)[D2066LF25]	05.04-	115496	28 120 A49	05.04-	115556	24	5.5	A49					
			10.07-	114007*	28 80										
			10.07-	115486	28 80 A49										
			05.04-	113998	28 110										
(TGA)[D2066LF31]	05.04-	114528*	28 120	05.04-	115556	24	5.5	A49							
	05.04-	115486	28 80 A49												
	05.04-	115492	28 110 A49												
	05.04-	115496	28 120 A49												
(TGS)[D2066LF36]	05.04-	113998	28 110	05.04-	115892	24	5.5	A49							
	10.07-	114007*	28 80												
	10.07-	115486	28 80 A49												
	08.08-	115492	28 110 A49												
(TGS)[D2066LF40]	08.08-	113998	28 110	08.08-	115892	24	5.5	A49							
	08.08-	114007*	28 80												
	10.07-	115486	28 80 A49												
	10.07-	115486	28 80 A49												
32.440	12.4	(TGS)[D2676LF22]	08.08-	113998	28 110	08.08-	115556	24	5.5						
			08.08-	114007*	28 80										
			08.08-	114528*	28 120										
			08.08-	115486	28 80 A49										
		(TGS)[D2676LF26]	08.08-	115492	28 110 A49					08.08-	115892	24	5.5	A49	
			08.08-	115496	28 120 A49										
			08.08-	113998	28 110										
			08.08-	114007*	28 80										
32.460	12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35	09.02-	110206	24	5.4						
			09.02-	113289	28 90										
		(TGA)[D2876LF04]	09.02-	113295	28 55					08.95-	110206	24	5.4		
			08.95-	110895	28 55										
		32.463	12.8	(F 2000)[D2876LF02]	08.95-					112159	28 80	08.95-	11046	24	6.6
					08.95-					113289	28 90				
					08.95-					113295	28 55				
					08.95- 09.01					113920	28 35				
32.480	12.4	(TGA)[D2676LF01]	02.06-	115486	28 80 A49	02.06-	115556	24	5.5						
			02.06-	115492	28 110 A49										
			02.06-	113998	28 110										
			02.06-	115892	24 5.5 A49										
		(TGS)	08.08-	114528*	28 120					08.08-	115556	24	5.5		
			08.08-	115496	28 120 A49										
			08.08-	115486	28 80 A49										
			08.08-	115892	24 5.5 A49										
32.480	12.8	(TGA)[D2876LF12]	08.08-	114528*	28 120	08.08-	115556	24	5.5						
			08.08-	115496	28 120 A49										
			08.08-	115892	24 5.5 A49										
			08.08-	115492	28 110 A49										
33.242	12.0	(F 90)[D2866F/240]	09.02-	113998	28 110	09.02-	110206	24	5.4						
			05.04- 09.05	114008	28 80										
			09.02-	113855	24 5.4										
			09.02-	114031	24 5.5										
			09.02-	115886	24 5.5 A49										
			01.88- 08.88	110761#	28 35										
33.262	10.0	(F 90)[D2865LF/260]	01.88- 08.88	110895	28 55	01.88- 08.88	11046	24	6.6						
			01.88- 08.88	113855	24 5.4										
			08.88- 02.90	110761#	28 35										
			08.88- 02.90	110895	28 55										
			08.88- 02.90	11046	24 6.6										
			08.88- 02.90	112120	24 6.6										

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33.272	10.0	(F 90)[D2865LF05]	10.92- 10.93	110761#	28 35	10.92- 04.95	110206	24 5.4	
			10.92- 04.95	110895	28 55	10.92- 04.95	110210	24 6.6	
			10.92- 04.95	112159	28 80	10.92- 04.95	111046	24 6.6	
			11.93- 04.95	113920	28 35	10.92- 04.95	112120	24 6.6	
						10.92- 04.95	113855	24 5.4	
33.292	12.0	(F 90)[D2866LF/290]	09.87- 02.90	110761#	28 35	09.87- 02.90	110206	24 5.4	
			09.87- 02.90	110895	28 55	09.87- 02.90	111046	24 6.6	
			09.87- 02.90	112159	28 80	09.87- 02.90	113855	24 5.4	
33.320	10.5	(TGS)[D2066LF39]	06.08-	113998	28 110				
			06.08-	114007*	28 80				
			06.08-	114528*	28 120				
			06.08-	115486	28 80 A49				
			06.08-	115492	28 110 A49				
			06.08-	115496	28 120 A49				
		(TGS)[D2066LF43]	06.08-	113998	28 110				
			06.08-	114007*	28 80				
			06.08-	114528*	28 120				
			06.08-	115486	28 80 A49				
		(TGS)[D2066LF68]	06.08-	115492	28 110 A49				
			06.08-	115496	28 120 A49				
			06.08-	113998	28 110				
			06.08-	114007*	28 80				
						06.08-	114528*	28 120	
						06.08-	115486	28 80 A49	
						06.08-	115492	28 110 A49	
						06.08-	115496	28 120 A49	
33.322	10.0	(F 90)[D2865LF03]	09.91- 08.93	110761#	28 35	09.91- 06.96	110206	24 5.4	
			09.91- 06.96	112159	28 80	09.91- 06.96	111046	24 6.6	
			07.93- 06.96	110895	28 55	09.91- 06.96	110210	24 6.6	
		09.93- 06.96	113920	28 35					
		(F 90)[D2865LF06]	09.91- 08.93	110761#	28 35	09.91- 06.96	110206	24 5.4	
09.91- 06.96	112159		28 80	09.91- 06.96	111046	24 6.6			
						09.91- 06.96	110210	24 6.6	
33.323	10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4	
			01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6	
			01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4	
33.332	10.0	(F 90)[D2866LF/330]	09.87- 02.90	110761#	28 35	09.87- 02.90	110206	24 5.4	
			09.87- 02.90	110895	28 55	09.87- 02.90	111046	24 6.6	
			09.87- 02.90	112159	28 80	09.87- 02.90	113855	24 5.4	
33.332	12.0	(F 90)[D2866LF/330]	09.87- 02.90	110761#	28 35	09.87- 02.90	110206	24 5.4	
			09.87- 02.90	110895	28 55	09.87- 02.90	111046	24 6.6	
			09.87- 02.90	112159	28 80	09.87- 02.90	113855	24 5.4	
33.342	10.0	(F 90)[D2865LF09]	05.94- 06.96	110895	28 55	05.94- 06.96	110210	24 6.6	
			05.94- 06.96	112159	28 80	05.94- 06.96	111046	24 6.6	
			05.94- 06.96	113920	28 35				
33.343	10.0	(F 2000)[D2865LF21]	01.94-	110895	28 55	01.94-	110206	24 5.4	
			01.94-	112159	28 80	01.94-	111046	24 6.6	
			01.94- 09.01	113920	28 35	01.94-	113855	24 5.4	
33.350	10.5	(TGA)[D2066LF03]	05.04-	114528*	28 120				
			05.04-	115486	28 80 A49				
			05.04-	115492	28 110 A49				
			05.04-	115496	28 120 A49				
			09.07-	114007*	28 80				
						05.04-	115556	24 5.5	
		(TGS)	05.04-	113998	28 110	05.04-	115892	24 5.5 A49	
			06.08-	113998	28 110				
			06.08-	114007*	28 80				
			06.08-	114528*	28 120				
			06.08-	115486	28 80 A49				
			06.08-	115492	28 110 A49				
		(TGA)[D2066LF07]	06.08-	115496	28 120 A49				
			05.04-	114528*	28 120				
			05.04-	115486	28 80 A49				
			05.04-	115492	28 110 A49				
					05.04-	115556	24 5.5		
					05.04-	115892	24 5.5 A49		
		(TGA)[D2066LF13]	05.04-	115496	28 120 A49				
			05.04-	113998	28 110	05.04-	115556	24 5.5	
			05.04-	114528*	28 120	05.04-	115892	24 5.5 A49	
			05.04-	115486	28 80 A49				
					05.04-	115556	24 5.5		
					05.04-	115892	24 5.5 A49		
		(TGA)[D2066LF33]	05.04-	115492	28 110 A49				
			05.04-	115496	28 120 A49				
			05.04-	113998	28 110	05.04-	115556	24 5.5	
05.04-	114528*		28 120	05.04-	115892	24 5.5 A49			
			05.04-	115556	24 5.5				
			05.04-	115892	24 5.5 A49				
(TGA)[D2066LF38]	05.04-	115486	28 80 A49						
	05.04-	115492	28 110 A49						
	05.04-	115496	28 120 A49						
	05.04-	113998	28 110	05.04-	115556	24 5.5			
			05.04-	115892	24 5.5 A49				
33.360	10.5	(TGA)[D2066LF03]	05.04-	114528*	28 120				
			05.04-	115486	28 80 A49				
			05.04-	115492	28 110 A49				
			05.04-	115496	28 120 A49				
						05.04-	115556	24 5.5	
			05.04-	115892	24 5.5 A49				
			05.04-	113998	28 110				



	(TGA)[D2066LF07]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49					
		05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGA)[D2066LF13]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGS)[D2066LF27]	02.09- 02.09-	114007* 115486	28 80 28 80 A49					
	(TGA)[D2066LF33]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGA)[D2066LF38]	05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGS)	06.08- 06.08- 02.09- 02.09-	114007* 115486 115492 113998	28 80 28 80 A49 28 110 A49 28 110			06.08- 06.08-	115892 115556	24 5.5 A49 24 5.5
	(TGS)[D2066LF42]	06.08- 06.08- 02.09- 02.09-	114007* 115486 115492 113998	28 80 28 80 A49 28 110 A49 28 110			06.08- 06.08-	115556 115892	24 5.5 24 5.5 A49
33.360 12.0	(E2000 Evolution)[D2866LF24]						05.00-	110206	24 5.4
	(TGA)[D2866LF27]	01.01- 06.01- 05.04 06.01- 05.04 09.02- 05.04	113998 113289 113295 114008	28 110 28 90 28 55 28 80			01.01- 05.04	110206	24 5.4
	(TGA)[D2866LF37]	09.02- 09.02- 05.04	113998 114008	28 110 28 80					
33.362 12.0	(F 90)[D2866KF]	09.87- 02.90 09.87- 02.90 09.87- 02.90	110761# 110895 112159	28 35 28 55 28 80			09.87- 02.90 09.87- 02.90 09.87- 02.90	110206 111046 113855	24 5.4 24 6.6 24 5.4
	(F 90)[D2866LXF]	09.87- 02.90 09.87- 02.90 09.87- 02.90	110761# 110895 112159	28 35 28 55 28 80			09.87- 02.90 09.87- 02.90 09.87- 02.90	110206 111046 113855	24 5.4 24 6.6 24 5.4
33.364 12.0	(F 2000)	05.01-	110895	28 55			05.01-	110206	24 5.4
33.372 12.0	(F 90)[D2866LF03]	09.91- 08.93 09.91- 04.92 09.91- 06.96 09.93- 06.96	110761# 110895 112159 113920	28 35 28 55 28 80 28 35			01.91- 10.92	110206	24 5.4
	(F 90)[D2866LF05]	09.91- 08.93 09.91- 06.96 09.93- 06.96	110761# 112159 113920	28 35 28 80 28 35			10.92- 05.94	110206	24 5.4
	(F 90)[D2866LF15]	09.91- 08.93 09.91- 06.96 09.93- 06.96	110761# 112159 113920	28 35 28 80 28 35			05.94- 06.96	110206	24 5.4
33.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95 01.94- 12.95 01.94- 12.95 01.94- 12.95 01.94- 12.95	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35			01.94- 12.95 01.94- 12.95 01.94- 12.95	110206 111046 113855	24 5.4 24 6.6 24 5.4
33.390 10.5	(TGA)[D2066LF02]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGS)	06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49					
	(TGA)[D2066LF06]	09.07- 09.07-	115492 113998	28 110 A49 28 110					
	(TGA)[D2066LF12]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGA)[D2066LF32]	05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
33.400 10.5	(TGA)[D2066LF02]	05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49

## STARTERS & ALTERNATORS

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		(TGA)[D2066LF06]	09.07-	115492	28 110 A49				
			09.07-	113998	28 110				
		(TGA)[D2066LF12]	05.04-	114528*	28 120				
			05.04-	115486	28 80 A49				
			05.04-	115492	28 110 A49				
			05.04-	115496	28 120 A49				
			05.04-	113998	28 110	05.04-	115556	24 5.5	
						05.04-	115892	24 5.5	A49
		(TGX)[D2066LF26]	10.07-	115486	28 80 A49				
			10.07-	115492	28 110 A49				
			10.07-	113998	28 110	10.07-	115556	24 5.5	
						10.07-	115892	24 5.5	A49
		(TGA)[D2066LF32]	05.04-	114528*	28 120				
			05.04-	115486	28 80 A49				
			05.04-	115492	28 110 A49				
			05.04-	115496	28 120 A49				
			05.04-	113998	28 110	05.04-	115556	24 5.5	
						05.04-	115892	24 5.5	A49
		(TGS)[D2066LF37]	06.08-	114007*	28 80	07.08-	115556	24 5.5	
			06.08-	115486	28 80 A49	07.08-	115892	24 5.5	A49
			02.09-	115492	28 110 A49				
			07.08-	113998	28 110				
		(TGX)	10.07-	114528*	28 120				
			10.07-	115486	28 80 A49				
			10.07-	115492	28 110 A49				
			10.07-	115496	28 120 A49				
			10.07-	113998	28 110	10.07-	115556	24 5.5	
						10.07-	115892	24 5.5	A49
		(TGS)[D2066LF41]	06.08-	114007*	28 80	07.08-	115556	24 5.5	
			06.08-	115486	28 80 A49	07.08-	115892	24 5.5	A49
			02.09-	115492	28 110 A49				
			07.08-	113998	28 110				
		(TGX)	10.07-	114528*	28 120				
			10.07-	115486	28 80 A49				
			10.07-	115492	28 110 A49				
			10.07-	115496	28 120 A49				
			10.07-	113998	28 110	10.07-	115556	24 5.5	
						10.07-	115892	24 5.5	A49
		(TGX)[D2066LF61]	10.07-	115486	28 80 A49				
			10.07-	115492	28 110 A49				
			10.07-	113998	28 110	10.07-	115556	24 5.5	
						10.07-	115892	24 5.5	A49
33.402	12.0	(F 90)[D2866LF16]	05.94- 06.96	112159	28 80	05.94- 06.96	110206	24 5.4	
			05.94- 06.96	113920	28 35				
33.403	12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4	
			01.94-	112159	28 80	01.94-	111046	24 6.6	
			01.94-	113289	28 90	01.94-	113855	24 5.4	
			01.94-	113295	28 55				
			01.94- 09.01	113920	28 35				
33.410	12.0	(E2000 Evolution)[D2866LF25]				05.00-	110206	24 5.4	
		(TGA)[D2866LF28]	10.00-	113998	28 110				
			09.02- 05.04	113289	28 90	09.02-	110206	24 5.4	
			09.02- 05.04	113295	28 55				
			09.02- 05.04	114008	28 80				
		(TGA)[D2866LF32]	10.00-	113998	28 110				
			09.02- 05.04	113289	28 90				
			09.02- 05.04	113295	28 55				
			09.02- 05.04	114008	28 80				
33.414	12.0	(F 2000)	05.01-	110895	28 55	05.01-	110206	24 5.4	
33.422	12.0	(F 90)[D2866LF06]	09.91- 08.93	110761#	28 35				
			09.91- 04.92	110895	28 55				
			09.91- 06.96	112159	28 80	09.91- 06.96	110206	24 5.4	
			09.93- 06.96	113920	28 35				
		(F 90)[D2866LF09]	09.91- 08.93	110761#	28 35				
			09.91- 06.96	112159	28 80	09.91- 06.96	110206	24 5.4	
			09.93- 06.96	113920	28 35				
33.423	12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	113855	24 5.4	
			01.94- 12.95	112159	28 80				
			01.94- 12.95	113289	28 90	01.94- 12.95	110206	24 5.4	
			01.94- 12.95	113295	28 55	01.94- 12.95	111046	24 6.6	
			01.94- 12.95	113920	28 35				
33.430	10.5	(TGA)[D2066LF01]	05.04-	114528*	28 120				
			05.04-	115486	28 80 A49				
			05.04-	115492	28 110 A49				
			05.04-	115496	28 120 A49				
			09.07-	113998	28 110				
			09.07-	114007*	28 80				
			05.04-	113998	28 110	05.04-	115556	24 5.5	
						05.04-	115892	24 5.5	A49
		(TGS)	06.08-	113998	28 110				
			06.08-	114007*	28 80				
			06.08-	114528*	28 120				
			06.08-	115486	28 80 A49				
			06.08-	115492	28 110 A49				
			06.08-	115496	28 120 A49				
		(TGA)[D2066LF11]	05.04-	114528*	28 120				
			05.04-	115486	28 80 A49				
			05.04-	115492	28 110 A49				
			05.04-	115496	28 120 A49				
			05.04-	113998	28 110	05.04-	115556	24 5.5	
						05.04-	115892	24 5.5	A49



	(TGA)[D2066LF31]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49					
		05.04- 05.04-	113998 115556	28 110	05.04- 05.04-	115556 115892	24 5.5 24 5.5	A49	
33.440 10.5	(TGA)[D2066LF01]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49					
		05.04- 05.04-	113998 115556	28 110	05.04- 05.04-	115556 115892	24 5.5 24 5.5	A49	
	(TGA)[D2066LF11]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49					
		05.04- 05.04-	113998 115556	28 110	05.04- 05.04-	115556 115892	24 5.5 24 5.5	A49	
	(TGS)[D2066LF25]	07.08- 07.08-	114528* 115496	28 120 28 120 A49					
	(TGX)	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49					
		10.07- 10.07-	113998 115556	28 110	10.07- 10.07-	115556 115892	24 5.5 24 5.5	A49	
	(TGA)[D2066LF31]	05.04- 05.04- 05.04- 05.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49					
		05.04- 05.04-	113998 115556	28 110	05.04- 05.04-	115556 115892	24 5.5 24 5.5	A49	
	(TGS)[D2066LF36]	06.08- 06.08-	114528* 115496	28 120 28 120 A49	07.08- 07.08-	115556 115892	24 5.5 24 5.5	A49	
	(TGX)	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49	10.07- 10.07-	115892 115440	24 5.5 24 7.0	A49	
		10.07- 10.07-	113998 115556	28 110	10.07- 10.07-	115556 115892	24 5.5 24 5.5		
	(TGS)[D2066LF40]	06.08- 06.08-	114528* 115496	28 120 28 120 A49	07.08- 07.08-	115556 115892	24 5.5 24 5.5	A49	
	(TGX)	10.07- 10.07-	115486 115492	28 80 A49 28 110 A49	10.07- 10.07-	115892 115440	24 5.5 24 7.0	A49	
		10.07- 10.07-	113998 115556	28 110	10.07- 10.07-	115556 115892	24 5.5 24 5.5		
33.440 12.4	(TGA)[D2676LF04]	06.05- 06.05- 06.05- 06.05- 06.05-	113998 114007* 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49					
		06.05- 06.05-	113998 115556	28 110	06.05- 06.05-	115556 115892	24 5.5 24 5.5	A49	
	(TGS)	07.08- 07.08- 07.08- 07.08- 07.08- 07.08-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49					
	(TGS)[D2676LF26]	07.08- 07.08- 07.08- 07.08- 07.08- 07.08-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49					
	(TGX)	01.14- 01.14- 01.14- 01.14- 01.14-	113998 114007* 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49					
		10.12- 10.12-	113998 115556	28 110	10.12- 10.12-	115556 115892	24 5.5 24 5.5	A49	
33.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35					
	(TGA)[D2876LF04]	09.02- 05.04 09.02- 05.04 09.02- 09.02- 12.05	113289 113295 113998 114008	28 90 28 55 28 110 28 80	09.02- 12.05	110206	24 5.4		
	(TGA)[D2876LF07]	09.02- 09.02-	113998 114008	28 110 28 80					
33.462 18.3	(F 90)[D2840LF/460]	07.89- 02.90 07.89- 02.90 07.89- 02.90	110761# 110895 112159	28 35 28 55 28 80	07.89- 02.90 07.89- 02.90 07.89- 02.90	110210 111046 112120	24 6.6 24 6.6 24 6.6		
		07.89- 02.90	113855	24 5.4					
33.463 12.0	(F 2000)[D2876LF02]	01.94- 01.94- 01.94- 01.94- 01.94- 09.01	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35	01.94- 01.94-	110206 111046	24 5.4 24 6.6		
33.463 12.8	(F 2000)[D2876LF02]	01.94- 01.94- 01.94- 01.94- 01.94- 09.01	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35	01.94- 01.94-	111046 113855	24 6.6 24 5.4		
33.464 12.8	(F 2000)	05.01-	110895	28 55	05.01-	110206	24 5.4		
33.480 12.4	(TGA)[D2676LF01]	02.06- 02.06-	115486 115492	28 80 A49 28 110 A49					
		02.06- 02.06-	113998 115556	28 110	02.06- 02.06-	115556 115892	24 5.5 24 5.5	A49	
	(TGA)[D2676LF02]	09.07- 09.07-	114528* 115496	28 120 28 120 A49	02.06- 02.06-	115556 115892	24 5.5 24 5.5	A49	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

		(TGA)[D2676LF03]	02.06-	115486	28 80 A49				
			02.06-	115492	28 110 A49				
			09.07-	114528*	28 120				
			09.07-	115496	28 120 A49				
			02.06-	113998	28 110				
		(TGA)[D2676LF05]				02.06-	115556	24 5.5	
						02.06-	115892	24 5.5 A49	
						02.06-	115556	24 5.5	
						02.06-	115892	24 5.5 A49	
		(TGS)	08.08-	114528*	28 120	08.08-	115556	24 5.5	
			08.08-	115496	28 120 A49	08.08-	115892	24 5.5 A49	
		(TGX)	10.07-	115486	28 80 A49				
			10.07-	115492	28 110 A49				
			01.14-	113998	28 110	10.07-	115440	24 7.0	
			01.14-	114007*	28 80	10.07-	115556	24 5.5	
			01.14-	114528*	28 120	10.07-	115892	24 5.5 A49	
			01.14-	115496	28 120 A49				
			10.07-	113998	28 110				
		(TGS)[D2676LF07]	08.08-	114528*	28 120	08.08-	115556	24 5.5	
			08.08-	115496	28 120 A49	08.08-	115892	24 5.5 A49	
		(TGX)	10.07-	115486	28 80 A49				
			10.07-	115492	28 110 A49				
			01.14-	113998	28 110	10.07-	115440	24 7.0	
			01.14-	114007*	28 80	10.07-	115556	24 5.5	
			01.14-	114528*	28 120	10.07-	115892	24 5.5 A49	
			01.14-	115496	28 120 A49				
			10.07-	113998	28 110				
		(TGS)[D2676LF14]	08.08-	114528*	28 120				
			08.08-	115496	28 120 A49				
		(TGX)	10.07-	115486	28 80 A49				
			10.07-	115492	28 110 A49				
			01.14-	113998	28 110	10.07-	115440	24 7.0	
			01.14-	114007*	28 80	10.07-	115556	24 5.5	
			01.14-	114528*	28 120	10.07-	115892	24 5.5 A49	
			01.14-	115496	28 120 A49				
			10.07-	113998	28 110				
		(TGS)[D2676LF16]	10.07-	115486	28 80 A49				
			10.07-	115492	28 110 A49				
			01.14-	113998	28 110	10.07-	115440	24 7.0	
			01.14-	114007*	28 80				
			01.14-	114528*	28 120				
			01.14-	115496	28 120 A49				
			10.07-	113998	28 110				
		(TGX)[D2676LF25]	01.14-	113998	28 110	10.07-	115556	24 5.5	
			01.14-	114007*	28 80	10.07-	115892	24 5.5 A49	
			01.14-	114528*	28 120				
			01.14-	115486	28 80 A49				
			01.14-	115496	28 120 A49				
			10.07-	113998	28 110				
33.480 12.8		(TGA)[D2876LF05]	09.02- 06.03	113289	28 90	06.03-	110206	24 5.4	
			09.02- 06.03	113295	28 55				
		(TGA)[D2876LF12]	09.02-	113998	28 110	09.02-	110206	24 5.4	
			09.02- 09.06	114008	28 80	09.02-	113855	24 5.4	
						09.02-	114031	24 5.5	
						09.02-	115886	24 5.5 A49	
		(TGA)[D2876LF25]	09.02-	114008	28 80	09.02-	114031	24 5.5	
						06.03-	110206	24 5.4	
						09.02-	113855	24 5.4	
						09.02-	115886	24 5.5 A49	
33.502 18.3		(F 90)[D2840LF01]	09.91- 06.96	110761#	28 35	09.91- 06.96	110210	24 6.6	
			09.91- 06.96	110895	28 55	09.91- 06.96	111046	24 6.6	
			09.91- 06.96	112159	28 80				
			09.91- 06.96	113920	28 35				
		(F 90)[D2840LF04]	09.91- 06.96	110761#	28 35	09.91- 06.96	110210	24 6.6	
			09.91- 06.96	110895	28 55	09.91- 06.96	111046	24 6.6	
			09.91- 06.96	112159	28 80				
			09.91- 06.96	113920	28 35				
		(F 90)[D2840LF06]	09.91- 06.96	110761#	28 35	09.91- 06.96	110210	24 6.6	
			09.91- 06.96	110895	28 55	09.91- 06.96	111046	24 6.6	
			09.91- 06.96	112159	28 80				
			09.91- 06.96	113920	28 35				
33.510 12.8		(TGA)[D2876LF05]	09.02- 06.03	113289	28 90	09.02- 06.03	110206	24 5.4	
			09.02- 06.03	113295	28 55				
33.530 12.8		(TGA)[D2876LF13]	09.02-	113998	28 110	09.02-	110206	24 5.4	
			09.02-	114008	28 80	09.02-	113855	24 5.4	
						09.02-	114031	24 5.5	
						09.02-	115886	24 5.5 A49	
33.540 12.4		(TGS)[D2676LF06]	02.09-	114528*	28 120	02.09-	115556	24 5.5	
			02.09-	115496	28 120 A49	02.09-	115892	24 5.5 A49	
		(TGX)	10.07-	115486	28 80 A49	10.07-	115892	24 5.5 A49	
			10.07-	115492	28 110 A49				
			10.07-	113998	28 110	10.07-	115440	24 7.0	
			10.07-	115492	28 110 A49	10.07-	115556	24 5.5	
		(TGS)[D2676LF13]	02.09-	114528*	28 120				
			02.09-	115496	28 120 A49				
		(TGX)	10.07-	115486	28 80 A49	10.07-	115892	24 5.5 A49	
			10.07-	115492	28 110 A49				
			10.07-	113998	28 110	10.07-	115440	24 7.0	
						10.07-	115556	24 5.5	
33.600 18.3		(E2000 Evolution)[D2840LF21]				06.00-	110210	24 6.6	
33.603 18.3		(F 2000)[D2840LF20]				06.96-	110210	24 6.6	
						06.96-	111046	24 6.6	
						06.96-	112120	24 6.6	
						06.96-	113855	24 5.4	



33.680 16.2	(TGX)[D2868LF02]	10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
		10.07-	113998	28 110				
35.262 10.0	(F 90)[D2865LF/260]	02.89- 02.90	110761#	28 35	02.89- 02.90	110206	24 5.4	
		02.89- 02.90	110895	28 55	02.89- 02.90	110210	24 6.6	
		02.89- 02.90	112159	28 80	02.89- 02.90	11046	24 6.6	
					02.89- 02.90	112120	24 6.6	
					02.89- 02.90	113855	24 5.4	
35.272 10.0	(F 90)[D2865LF02]	02.90- 12.92	110761#	28 35	02.90- 12.92	110206	24 5.4	
		02.90- 12.92	110895	28 55	02.90- 12.92	110210	24 6.6	
		02.90- 12.92	112159	28 80	02.90- 12.92	11046	24 6.6	
					02.90- 12.92	112120	24 6.6	
					02.90- 12.92	113855	24 5.4	
35.292 12.0	(F 90)[D2866LFZ/290]	10.88- 04.95	110761#	28 35	10.88- 04.95	110206	24 5.4	
		10.88- 04.95	110895	28 55	10.88- 04.95	11046	24 6.6	
					10.88- 04.95	113855	24 5.4	
35.302 12.0	(F 90)[D2866LF04]	05.90- 09.91	110761#	28 35	05.90- 11.90	110206	24 5.4	
		05.90- 09.91	110895	28 55	05.90- 09.91	11046	24 6.6	
		05.90- 09.91	112159	28 80	05.90- 09.91	113855	24 5.4	
35.310 10.5	(TGA)[D2066LF04]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
		02.04-	113998	28 110				
	(TGA)[D2066LF35]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
		02.04-	113998	28 110				
35.310 12.0	(TGA)[D2866LF26]	06.03- 06.05	113998	28 110	11.03-	110206	24 5.4	
		06.03- 06.05	114008	28 80				
		11.03-	113289	28 90				
		11.03-	113295	28 55				
35.314 12.0	(F 2000)	03.02-	110895	28 55	03.02-	110206	24 5.4	
35.320 10.5	(TGA)[D2066LF04]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
		02.04-	113998	28 110				
	(TGS)[D2066LF28]	10.07-	115492	28 110 A49				
		10.07-	113998	28 110				
	(TGA)[D2066LF35]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
		02.04-	113998	28 110				
	(TGS)[D2066LF39]	10.07-	115492	28 110 A49				
		06.08-	114007*	28 80	06.08-	115556	24 5.5	
06.08-		115486	28 80 A49	06.08-	115892	24 5.5 A49		
10.07-		113998	28 110					
(TGS)[D2066LF43]	10.07-	113998	28 110	06.08-	115556	24 5.5		
	10.07-	114007*	28 80	06.08-	115892	24 5.5 A49		
	10.07-	114528*	28 120					
	10.07-	115486	28 80 A49					
	10.07-	115492	28 110 A49					
	10.07-	115496	28 120 A49					
	10.07-	113998	28 110					
35.322 10.0	(F 90)[D2865LF03]	02.90- 08.93	110761#	28 35	02.90- 06.96	110210	24 6.6	
		02.90- 06.96	112159	28 80				
		07.93- 06.96	110895	28 55	02.90- 06.96	111046	24 6.6	
	(F 90)[D2865LF06]	09.93- 06.96	113920	28 35				
		02.90- 08.93	110761#	28 35	02.90- 06.96	110210	24 6.6	
		02.90- 06.96	112159	28 80				
35.322 12.0	(F 90)[D2865LF03]	02.90- 08.93	110761#	28 35	02.90- 05.94	110210	24 6.6	
		02.90- 05.94	112159	28 80				
		07.93- 05.94	110895	28 55	02.90- 06.96	111046	24 6.6	
		09.93- 05.94	113920	28 35				
35.332 12.0	(F 90)[D2866LFZ/330]	10.88- 04.95	110761#	28 35	10.88- 04.95	110206	24 5.4	
		10.88- 04.95	110895	28 55	10.88- 04.95	111046	24 6.6	
35.342 10.0	(F 90)[D2865LF09]	05.94- 06.96	110895	28 55	05.94- 06.96	110210	24 6.6	
		05.94- 06.96	112159	28 80	05.94- 06.96	111046	24 6.6	
		05.94- 06.96	113920	28 35				
35.343 10.0	(F 2000)[D2865LF21]	08.95-	110895	28 55	08.95-	110206	24 5.4	
		08.95-	112159	28 80	08.95-	111046	24 6.6	
		08.95- 09.01	113920	28 35	08.95-	113855	24 5.4	
35.350 10.5	(TGA)[D2066LF03]	02.04-	114528*	28 120				
		02.04- 09.06	115486	28 80 A49				
		02.04- 09.06	115492	28 110 A49				
		02.04- 09.06	115496	28 120 A49				
	(TGA)[D2066LF13]	02.04-	113998	28 110	02.04-	115556	24 5.5	
					02.04-	115892	24 5.5 A49	
		02.04-	114528*	28 120				
		10.04- 09.06	115486	28 80 A49				
		10.04- 09.06	115492	28 110 A49				
		10.04- 09.06	115496	28 120 A49				
	02.04-	113998	28 110	02.04-	115556	24 5.5		
				02.04-	115892	24 5.5 A49		

## STARTERS & ALTERNATORS

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Application list

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35.360 10.5	(TGA)[D2066LF33]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
		02.04-	113998	28 110		02.04-	115556	24 5.5
						02.04-	115892	24 5.5 A49
	(TGA)[D2066LF03]	02.04-	114528*	28 120				
		02.04- 09.06	115486	28 80 A49				
		02.04- 09.06	115492	28 110 A49				
		02.04- 09.06	115496	28 120 A49				
	(TGA)[D2066LF13]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
		02.04-	113998	28 110		02.04-	115556	24 5.5
						02.04-	115892	24 5.5 A49
	(TGS)[D2066LF27]	10.07-	115492	28 110 A49				
		10.07-	113998	28 110				
	(TGX)	06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49				
	(TGA)[D2066LF33]	02.04-	114528*	28 120				
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49				
		07.06-	115496	28 120 A49				
		02.04-	113998	28 110		02.04-	115556	24 5.5
						02.04-	115892	24 5.5 A49
	(TGA)[D2066LF38]	07.06-	113998	28 110		07.06-	115556	24 5.5
		07.06-	114007*	28 80		07.06-	115892	24 5.5 A49
		07.06-	114528*	28 120				
		07.06-	115486	28 80 A49				
	(TGS)	10.07-	115492	28 110 A49				
		06.08-	113998	28 110		06.08-	115556	24 5.5
		06.08-	114007*	28 80		06.08-	115892	24 5.5 A49
		06.08-	114528*	28 120				
		06.08-	115486	28 80 A49				
		06.08-	115496	28 120 A49				
		10.07-	113998	28 110				
	(TGX)	06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49				
		06.08-	113998	28 110		06.08-	115556	24 5.5
	(TGS)[D2066LF42]	10.07-	113998	28 110		06.08-	115556	24 5.5
		10.07-	114007*	28 80		06.08-	115892	24 5.5 A49
		10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
		10.07-	113998	28 110				
	(TGX)	06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49				
		06.08-	113998	28 110		06.08-	115556	24 5.5
	(TGS)[D2066LF67]	10.07-	113998	28 110		06.08-	115892	24 5.5 A49
		10.07-	114007*	28 80				
		10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
		10.07-	113998	28 120 A49				
	(E2000 Evolution)[D2866LF24]					05.00-	110206	24 5.4
	[D2866LF27]	10.03- 12.05	113998	28 110				
		10.03- 12.05	114008	28 80				
35.362 12.0	(F 90)[D2866LXF]	10.88- 02.90	110761#	28 35		10.88- 02.90	110206	24 5.4
		10.88- 02.90	110895	28 55		10.88- 02.90	111046	24 6.6
		10.88- 02.90	112159	28 80		10.88- 02.90	113855	24 5.4
35.372 12.0	(F 90)[D2866LF03]	02.90- 08.93	110761#	28 35		02.90- 05.94	110206	24 5.4
		02.90- 04.92	110895	28 55				
		02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
	(F 90)[D2866LF05]	02.90- 08.93	110761#	28 35		10.92- 05.94	110206	24 5.4
		02.90- 04.92	110895	28 55				
		02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
	(F 90)[D2866LF15]	02.90- 08.93	110761#	28 35				
		02.90- 04.94	110895	28 55				
(F 90)[D2866LXF/Silent]		02.90- 06.96	112159	28 80		05.94- 06.96	110206	24 5.4
		09.93- 06.96	113920	28 35				
		02.90- 04.95	110761#	28 35		02.90- 04.95	110206	24 5.4
		02.90- 04.95	110895	28 55		02.90- 04.95	111046	24 6.6
					02.90- 04.95	113855	24 5.4	
35.390 10.5	(TGA)[D2066LF02]	02.04-	114528*	28 120				
		02.04- 09.06	115496	28 120 A49				
		06.04- 09.06	115486	28 80 A49				
		06.04- 09.06	115492	28 110 A49				
		02.04-	113998	28 110		02.04-	115556	24 5.5
					02.04-	115892	24 5.5 A49	



35.400 10.5	(TGS)	06.08-	113998	28 110				
		06.08-	114007*	28 80				
		06.08-	114528*	28 120				
		06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49				
		06.08-	115496	28 120 A49				
	(TGA)[D2066LF12]	02.04-	114528*	28 120				
		02.04- 09.06	115496	28 120 A49				
		10.04- 09.06	115486	28 80 A49				
		10.04- 09.06	115492	28 110 A49				
		02.04-	113998	28 110	02.04-	115556	24 5.5	
					02.04-	115892	24 5.5 A49	
	(TGA)[D2066LF32]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
	02.04-	115496	28 120 A49					
	02.04-	113998	28 110	02.04-	115556	24 5.5		
				02.04-	115892	24 5.5 A49		
35.402 12.0	(TGA)[D2066LF02]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
		02.04-	113998	28 110	02.04-	115556	24 5.5	
					02.04-	115892	24 5.5 A49	
	(TGA)[D2066LF12]	02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
		02.04-	113998	28 110	02.04-	115556	24 5.5	
					02.04-	115892	24 5.5 A49	
	(TGS)[D2066LF26]	10.07-	113998	28 110				
		10.07-	114007*	28 80				
		10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
		10.07-	113998	28 110				
	(TGX)	06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49				
		06.08-	113998	28 110	06.08-	115556	24 5.5	
					06.08-	115892	24 5.5 A49	
	(TGA)[D2066LF32]	02.04-	114528*	28 120	02.04-	115892	24 5.5 A49	
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49				
		07.06-	115496	28 120 A49				
		02.04-	113998	28 110	02.04-	115556	24 5.5	
	(TGA)[D2066LF37]	02.04-	115492	28 110 A49				
		07.06-	114007*	28 80	07.06-	115892	24 5.5 A49	
	07.06-	115486	28 80 A49					
	11.06-	113998	28 110	07.06-	115556	24 5.5		
	11.06-	114528*	28 120					
	11.06-	115496	28 120 A49					
	02.04-	113998	28 110					
(TGS)	10.07-	113998	28 110	06.08-	115556	24 5.5		
	10.07-	114007*	28 80	06.08-	115892	24 5.5 A49		
	10.07-	114528*	28 120					
	10.07-	115486	28 80 A49					
	10.07-	115492	28 110 A49					
	10.07-	115496	28 120 A49					
	10.07-	113998	28 110					
(TGX)	06.08-	115486	28 80 A49					
	06.08-	115492	28 110 A49					
	06.08-	113998	28 110	06.08-	115556	24 5.5		
				06.08-	115892	24 5.5 A49		
(TGS)[D2066LF41]	10.07-	115492	28 110 A49					
	06.08-	114007*	28 80	06.08-	115556	24 5.5		
	06.08-	115486	28 80 A49	06.08-	115892	24 5.5 A49		
	10.07-	113998	28 110					
(TGX)	06.08-	115486	28 80 A49					
	06.08-	115492	28 110 A49					
	06.08-	113998	28 110	06.08-	115556	24 5.5		
				06.08-	115892	24 5.5 A49		
35.402 12.0	(F 90)[D2866LF16]	05.94- 06.96	112159	28 80	05.94- 06.96	110206	24 5.4	
		05.94- 06.96	113920	28 35				
35.403 12.0	(F 2000)[D2866LF20]	08.95-	110895	28 55	08.95-	110206	24 5.4	
		08.95-	112159	28 80	08.95-	111046	24 6.6	
		08.95-	113289	28 90	08.95-	113855	24 5.4	
		08.95-	113295	28 55				
		08.95- 09.01	113920	28 35				
35.410 12.0	(E2000 Evolution)[D2866LF25]				05.00-	110206	24 5.4	
	(TGA)[D2866LF28]	06.03- 05.04	114008	28 80				
	10.03-	113998	28 110					
35.422 12.0	(F 90)[D2866LF06]	02.90- 08.93	110761#	28 35	02.90- 05.94	110206	24 5.4	
		02.90- 04.92	110895	28 55				
		02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35				
	(F 90)[D2866LF09]	02.90- 08.93	110761#	28 35	10.90- 06.96	110206	24 5.4	
		02.90- 04.92	110895	28 55				
		02.90- 06.96	112159	28 80				
	09.93- 06.96	113920	28 35					
35.430 10.5	(TGA)[D2066LF01]	02.04-	114528*	28 120				
		02.04- 09.06	115496	28 120 A49				
		03.04- 09.06	115486	28 80 A49				
		03.04- 09.06	115492	28 110 A49				
		02.04-	113998	28 110	02.04-	115556	24 5.5	
				02.04-	115892	24 5.5 A49		

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35.440 10.5	(TGA)[D2066LF11]	02.04-	114528*	28 120					
		10.04- 09.06	115486	28 80 A49					
		10.04- 09.06	115492	28 110 A49					
		10.04- 09.06	115496	28 120 A49					
		02.04-	113998	28 110		02.04-	115556	24 5.5	
						02.04-	115892	24 5.5 A49	
		(TGA)[D2066LF31]	02.04-	114528*	28 120				
			02.04-	115486	28 80 A49				
			02.04-	115492	28 110 A49				
			02.04-	115496	28 120 A49				
			02.04-	113998	28 110		02.04-	115556	24 5.5
						02.04-	115892	24 5.5 A49	
35.460 12.8	(TGA)[D2066LF11]	02.04-	114528*	28 120					
		02.04-	115486	28 80 A49					
		02.04-	115492	28 110 A49					
		02.04-	115496	28 120 A49					
			02.04-	113998	28 110		02.04-	115556	24 5.5
						02.04-	115892	24 5.5 A49	
		(TGS)[D2066LF25]	10.07-	114528*	28 120				
			10.07-	115496	28 120 A49				
			06.08-	113998	28 110				
			06.08-	114007*	28 80				
			06.08-	115486	28 80 A49				
			06.08-	115492	28 110 A49				
		(TGX)	06.08-	115486	28 80 A49				
			06.08-	115492	28 110 A49				
						06.08-	115556	24 5.5	
						06.08-	115892	24 5.5 A49	
		(TGA)[D2066LF31]	02.04-	114528*	28 120				
			07.06-	115486	28 80 A49				
			07.06-	115492	28 110 A49				
			07.06-	115496	28 120 A49				
						02.04-	115556	24 5.5	
						02.04-	115892	24 5.5 A49	
		(TGA)[D2066LF36]	02.04-	114528*	28 120				
			02.04-	115486	28 80 A49				
			02.04-	115492	28 110 A49				
			02.04-	115496	28 120 A49				
			07.06-	113998	28 110				
			07.06-	114007*	28 80				
						02.04-	115556	24 5.5	
						02.04-	115892	24 5.5 A49	
		(TGS)	10.07-	114528*	28 120				
			10.07-	115496	28 120 A49				
			06.08-	113998	28 110		06.08-	115556	24 5.5
			06.08-	114007*	28 80		06.08-	115892	24 5.5 A49
			06.08-	115486	28 80 A49				
			06.08-	115492	28 110 A49				
		(TGX)	06.08-	115486	28 80 A49				
			06.08-	115492	28 110 A49				
						06.08-	115892	24 5.5 A49	
						06.08-	115440	24 7.0	
						06.08-	115556	24 5.5	
		(TGS)[D2066LF40]	10.07-	114528*	28 120				
			10.07-	115496	28 120 A49				
			06.08-	113998	28 110		06.08-	115556	24 5.5
			06.08-	114007*	28 80		06.08-	115892	24 5.5 A49
			06.08-	115486	28 80 A49				
			06.08-	115492	28 110 A49				
		(TGX)	06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49					
					06.08-	115556	24 5.5		
					06.08-	115892	24 5.5 A49		
35.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35					
	(TGA)[D2876LF04]				07.06-	110206	24 5.4		
35.463 12.8	(F 2000)[D2876LF02]	08.95-	110895	28 55		08.95-	110206	24 5.4	
		08.95-	112159	28 80		08.95-	111046	24 6.6	
		08.95-	113289	28 90		08.95-	113855	24 5.4	
		08.95-	113295	28 55					
		08.95- 09.01	113920	28 35					
35.480 12.4	(TGA)[D2676LF01]	07.06-	115486	28 80 A49					
		07.06-	115492	28 110 A49					
						02.04-	115556	24 5.5	
						02.04-	115892	24 5.5 A49	
		(TGA)[D2676LF05]	07.06-	114007*	28 80		02.04-	115892	24 5.5 A49
			07.06-	115486	28 80 A49				
			07.06-	115492	28 110 A49				
			11.06-	113998	28 110		02.04-	115556	24 5.5
			07.06-	113998	28 110				
		(TGS)	10.07-	114528*	28 120				
			10.07-	115496	28 120 A49				
			06.08-	113998	28 110		06.08-	115556	24 5.5
			06.08-	114007*	28 80		06.08-	115892	24 5.5 A49
			06.08-	115486	28 80 A49				
			06.08-	115492	28 110 A49				
		(TGX)	06.08-	115486	28 80 A49				
			06.08-	115492	28 110 A49				
						06.08-	115892	24 5.5 A49	
						06.08-	115440	24 7.0	
						06.08-	115556	24 5.5	
		(TGS)[D2676LF07]	10.07-	114528*	28 120				
			10.07-	115496	28 120 A49				
			06.08-	113998	28 110		06.08-	115556	24 5.5
			06.08-	114007*	28 80		06.08-	115892	24 5.5 A49
		06.08-	115486	28 80 A49					



	(TGX)	06.08- 06.08-	115486 115492	28 80 A49 28 110 A49				
		06.08-	113998	28 110	06.08- 06.08-	115556 115892	24 5.5 24 5.5 A49	
	(TGS)[D2676LF14]	10.07- 10.07- 06.08- 06.08- 06.08- 06.08-	114528* 115496 113998 114007* 115486 115492	28 120 28 120 A49 28 110 28 80 28 80 A49 28 110 A49				
	(TGX)	06.08- 06.08-	115486 115492	28 80 A49 28 110 A49	06.08- 06.08-	115892 115440 115556	24 5.5 A49 24 7.0 24 5.5	
	(TGS)[D2676LF25]	06.08- 06.08- 06.08- 06.08- 06.08-	113998 113998 114007* 114528* 115486 115496	28 110 28 110 28 80 28 120 28 80 A49 28 120 A49				
35.480 12.8	(TGA)[D2876LF12]	09.03- 09.06 09.03- 09.06	113998 114008	28 110 28 80	10.93- 10.03- 09.06 10.03- 09.06	113855 114031 115886	24 5.4 24 5.5 24 5.5 A49	
35.530 12.8	(TGA)[D2876LF13]	06.04- 03.06 06.04- 03.06	113998 114008	28 110 28 80	04.04- 06.04- 03.06 06.04- 03.06	113855 114031 115886	24 5.4 24 5.5 24 5.5 A49	
35.540 12.4	(TGS)[D2676LF06]	10.07- 10.07- 06.08- 06.08- 06.08-	114528* 115496 113998 114007* 115486	28 120 28 120 A49 28 110 28 80 28 80 A49	06.08- 06.08-	115556 115892	24 5.5 24 5.5 A49	
	(TGX)	06.08- 06.08-	115486 115492	28 80 A49 28 110 A49	06.08- 06.08-	115892 115440 115556	24 5.5 A49 24 7.0 24 5.5	
	(TGS)[D2676LF13]	06.08- 10.07- 10.07-	113998 114528* 115496	28 110 28 120 28 120 A49				
	(TGX)	06.08- 06.08-	115486 115492	28 80 A49 28 110 A49	06.08- 06.08-	115892 115440 115556	24 5.5 A49 24 7.0 24 5.5	
37.310 10.5	(TGA)[D2066LF04]	12.04- 12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496 113998	28 120 28 80 A49 28 110 A49 28 120 A49 28 110				
	(TGA)[D2066LF35]	12.04- 12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496 113998	28 120 28 80 A49 28 110 A49 28 120 A49 28 110				
37.320 10.5	(TGA)[D2066LF04]	12.04- 12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496 113998	28 120 28 80 A49 28 110 A49 28 120 A49 28 110				
	(TGS)[D2066LF28]	10.07- 10.07-	115492 113998	28 110 A49 28 110				
	(TGA)[D2066LF35]	12.04- 12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496 113998	28 120 28 80 A49 28 110 A49 28 120 A49 28 110				
	(TGS)[D2066LF39]	10.07- 07.08- 07.08- 10.07-	115492 114007* 115486 113998	28 110 A49 28 80 28 80 A49 28 110	07.08- 07.08-	115892 115556	24 5.5 A49 24 5.5	
	(TGS)[D2066LF43]	10.07- 07.08- 07.08- 10.07-	115492 114007* 115486 113998	28 110 A49 28 80 28 80 A49 28 110	07.08- 07.08-	115892 115556	24 5.5 A49 24 5.5	
37.350 10.5	(TGA)[D2066LF03]	12.04- 12.04- 09.06 12.04- 09.06 12.04- 09.06	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
		12.04-	113998	28 110	12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49	
	(TGA)[D2066LF13]	10.04- 09.06 10.04- 09.06 10.04- 09.06 12.04-	115486 115492 115496 114528*	28 80 A49 28 110 A49 28 120 A49 28 120				
		12.04-	113998	28 110	12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49	
	(TGA)[D2066LF33]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
		12.04-	113998	28 110	12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49	
37.360 10.5	(TGA)[D2066LF03]	12.04- 12.04- 09.06 12.04- 09.06 12.04- 09.06	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
		12.04-	113998	28 110	12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49	

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	(TGA)[D2066LF13]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49					
		12.04-	113998	28 110	12.04- 12.04-	115556 115892	24 5.5 24 5.5	A49	
	(TGS)[D2066LF27]	10.07- 10.07-	115492 113998	28 110 A49 28 110					
	(TGA)[D2066LF33]	12.04- 07.06- 07.06- 07.06-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49					
		12.04-	113998	28 110	12.04- 12.04-	115556 115892	24 5.5 24 5.5	A49	
	(TGS)[D2066LF38]	10.07- 10.07-	115492 113998	28 110 A49 28 110	07.08- 07.08-	115892 115556	24 5.5 24 5.5	A49	
	(TGS)[D2066LF42]	10.07- 10.07-	115492 113998	28 110 A49 28 110	07.08- 07.08-	115892 115556	24 5.5 24 5.5	A49	
37.390 10.5	(TGA)[D2066LF02]	03.04- 09.06 03.04- 09.06 03.04- 09.06 12.04-	115486 115492 115496 114528*	28 80 A49 28 110 A49 28 120 A49 28 120					
		12.04-	113998	28 110	12.04- 12.04-	115892 116087*	24 5.5 24 5.5	A49	
	(TGA)[D2066LF12]	10.04- 09.06 10.04- 09.06 10.04- 09.06 12.04-	115486 115492 115496 114528*	28 80 A49 28 110 A49 28 120 A49 28 120					
		12.04-	113998	28 110	12.04- 12.04-	115556 116087*	24 5.5 24 5.5	A49	
	(TGA)[D2066LF32]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49					
		12.04-	113998	28 110	12.04- 12.04-	115556 115892	24 5.5 24 5.5	A49	
37.400 10.5	(TGA)[D2066LF02]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49					
		12.04-	113998	28 110	12.04- 12.04-	116087* 115556	24 5.5 24 5.5		
	(TGA)[D2066LF12]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49					
		12.04-	113998	28 110	12.04- 12.04-	116087* 115556	24 5.5 24 5.5		
	(TGS)[D2066LF26]	10.07- 10.07-	114007* 115486	28 80 28 80 A49					
	(TGA)[D2066LF32]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49					
		12.04-	113998	28 110	12.04- 12.04-	116087* 115556	24 5.5 24 5.5		
	(TGS)[D2066LF37]	10.07- 10.07- 07.08- 07.08-	114007* 115486 115492 113998	28 80 28 80 A49 28 110 A49 28 110					
		07.08- 07.08-	113998	28 110	07.08- 07.08-	115892 115556	24 5.5 24 5.5	A49	
	(TGS)[D2066LF41]	10.07- 10.07- 07.08- 07.08-	114007* 115486 115492 113998	28 80 28 80 A49 28 110 A49 28 110					
		07.08- 07.08-	113998	28 110	07.08- 07.08-	115892 115556	24 5.5 24 5.5	A49	
37.410 12.0	(TGA)[D2866LF28]				12.04-	110206	24 5.4		
37.430 10.5	(TGA)[D2066LF01]	03.04- 09.06 03.04- 09.06 03.04- 09.06 12.04-	115486 115492 115496 114528*	28 80 A49 28 110 A49 28 120 A49 28 120					
		12.04-	113998	28 110	12.04- 12.04-	115556 115892	24 5.5 24 5.5	A49	
	(TGA)[D2066LF11]	10.04- 09.06 10.04- 09.06 10.04- 09.06 12.04-	115486 115492 115496 114528*	28 80 A49 28 110 A49 28 120 A49 28 120					
		12.04-	113998	28 110	12.04- 12.04-	115556 115892	24 5.5 24 5.5	A49	
	(TGA)[D2066LF31]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49					
		12.04-	113998	28 110	12.04- 12.04-	115556 115892	24 5.5 24 5.5	A49	
37.440 10.5	(TGA)[D2066LF01]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49					
		12.04-	113998	28 110	12.04- 12.04-	115556 115892	24 5.5 24 5.5	A49	
	(TGA)[D2066LF11]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49					
		12.04-	113998	28 110	12.04- 12.04-	115556 115892	24 5.5 24 5.5	A49	



		(TGS)[D2066LF25]	10.07- 10.07-	114007* 115486	28 80 28 80 A49				
		(TGA)[D2066LF31]	12.04- 07.06- 07.06- 07.06-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
						12.04-	115556	24 5.5	
						12.04-	115892	24 5.5	A49
		(TGS)[D2066LF36]	10.07- 10.07- 07.08- 07.08-	114007* 115486 115492 113998	28 80 28 80 A49 28 110 A49 28 110				
						07.08-	115892	24 5.5	A49
						07.08-	115556	24 5.5	
		(TGS)[D2066LF40]	10.07- 10.07- 07.08- 07.08-	114007* 115486 115492 113998	28 80 28 80 A49 28 110 A49 28 110				
						07.08-	115892	24 5.5	A49
						07.08-	115556	24 5.5	
37.460	12.8	(TGA)[D2876LF04]				12.04-	110206	24 5.4	
37.480	12.4	(TGA)[D2676LF01]	02.06- 02.06- 07.06- 07.06-	114528* 115496 115486 115492	28 120 28 120 A49 28 80 A49 28 110 A49				
						02.06-	115556	24 5.5	
						02.06-	115892	24 5.5	A49
		(TGA)[D2676LF05]				02.06-	115556	24 5.5	
						02.06-	115892	24 5.5	A49
		(TGS)	10.07- 10.07-	114528* 115496	28 120 28 120 A49				
						07.08-	115556	24 5.5	
						07.08-	115892	24 5.5	A49
		(TGS)[D2676LF07]	10.07- 10.07-	114528* 115496	28 120 28 120 A49				
						07.08-	115556	24 5.5	
						07.08-	115892	24 5.5	A49
		(TGS)[D2676LF14]	10.07- 10.07-	114528* 115496	28 120 28 120 A49				
37.480	12.8	(TGA)[D2876LF12]				12.04-	114031	24 5.5	
						12.04-	115886	24 5.5	A49
37.530	12.8	(TGA)[D2876LF13]				12.04-	114031	24 5.5	
						12.04-	115886	24 5.5	A49
37.540	12.4	(TGS)[D2676LF06]	10.07- 10.07-	114528* 115496	28 120 28 120 A49				
						02.09-	115556	24 5.5	
		(TGS)[D2676LF13]	10.07- 10.07-	114528* 115496	28 120 28 120 A49				
						02.09-	115892	24 5.5	A49
39.390	10.5	(TGA)[D2066LF12]	07.06- 07.06-	114528* 115496	28 120 28 120 A49	07.06-	115556	24 5.5	
						07.06-	115892	24 5.5	A49
39.400	10.5	(TGA)[D2066LF37]	07.06- 07.06-	114007* 115486	28 80 28 80 A49	07.06-	115556	24 5.5	
						07.06-	115892	24 5.5	A49
39.430	10.5	(TGA)[D2066LF01]	07.06- 07.06-	114528* 115496	28 120 28 120 A49	07.06-	115556	24 5.5	
						07.06-	115892	24 5.5	A49
		(TGA)[D2066LF11]	07.06- 07.06-	114528* 115496	28 120 28 120 A49	07.06-	115556	24 5.5	
						07.06-	115892	24 5.5	A49
39.440	10.5	(TGA)[D2066LF36]	07.06- 07.06-	115492 113998	28 110 A49 28 110	07.06-	115892	24 5.5	A49
						07.06-	115556	24 5.5	
39.480	12.4	(TGA)[D2676LF05]	07.06- 07.06-	115492 113998	28 110 A49 28 110	07.06-	115892	24 5.5	A49
						07.06-	115556	24 5.5	
40.372	12.0	(F 90)[D2866LF03]	12.91- 08.93 12.91- 04.92 12.91- 06.96	110761# 110895 112159	28 35 28 55 28 80	12.91- 06.96	110206	24 5.4	
		(F 90)[D2866LF05]	12.91- 08.93 12.91- 06.96	110761# 112159	28 35 28 80	12.91- 06.96	110206	24 5.4	
		(F 90)[D2866LF15]	09.93- 06.96 12.91- 06.96 09.93- 06.96	113920 112159 113920	28 35 28 80 28 35	12.91- 06.96	110206	24 5.4	
40.390	10.5	(TGA)[D2066LF02]	01.05- 09.06 01.05- 09.06 01.05- 09.06 06.05-	115486 115492 115496 114528*	28 80 A49 28 110 A49 28 120 A49 28 120				
						06.05-	115556	24 5.5	
						06.05-	115892	24 5.5	A49
		(TGS)	06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49				
		(TGA)[D2066LF06]	06.05- 06.05- 06.05- 06.05- 06.05-	114528* 115486 115492 115496 113998	28 120 28 80 A49 28 110 A49 28 120 A49 28 110				
		(TGA)[D2066LF37]	06.05- 06.05- 06.05- 06.05- 06.05-	114528* 115486 115492 115496 113998	28 120 28 80 A49 28 110 A49 28 120 A49 28 110				
40.400	10.5	(TGA)[D2066LF02]	06.05- 06.05- 06.05- 06.05-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49	06.05-	115892	24 5.5	A49
						06.05-	110210	24 6.6	
						06.05-	115556	24 5.5	
		(TGA)[D2066LF06]	06.05- 06.05- 06.05- 06.05-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
						06.05-	110210	24 6.6	
						06.05-	113998	28 110	

## STARTERS & ALTERNATORS

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	(TGS)	02.11-	113998	28 110	02.11-	115440	24 7.0
		02.11-	114007*	28 80	02.11-	115556	24 5.5
		02.11-	114528*	28 120	02.11-	115892	24 5.5 A49
		02.11-	115486	28 80 A49			
		02.11-	115492	28 110 A49			
		02.11-	115496	28 120 A49			
	(TGA)[D2066LF37]	06.05-	114528*	28 120			
		06.05-	115486	28 80 A49			
		06.05-	115492	28 110 A49			
		06.05-	115496	28 120 A49	06.05-	110210	24 6.6
	(TGS)[D2066LF49]	02.11-	113998	28 110	02.11-	115440	24 7.0
		02.11-	114007*	28 80	02.11-	115556	24 5.5
		02.11-	114528*	28 120	02.11-	115892	24 5.5 A49
		02.11-	115486	28 80 A49			
		02.11-	115492	28 110 A49			
		02.11-	115496	28 120 A49			
	(TGS)[D2066LF63]	02.11-	113998	28 110	02.11-	115440	24 7.0
		02.11-	114007*	28 80	02.11-	115556	24 5.5
		02.11-	114528*	28 120	02.11-	115892	24 5.5 A49
		02.11-	115486	28 80 A49			
		02.11-	115492	28 110 A49			
		02.11-	115496	28 120 A49			
		02.11-	113998	28 110			
40.402 12.0	(F 90)[D2866LF16]	05.95- 06.96	112159	28 80	05.95- 06.96	110206	24 5.4
		05.95- 06.96	113920	28 35			
40.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4
40.410 12.0	(TGA)[D2866LF28]	04.04-	113998	28 110			
		04.04- 12.05	114008	28 80			
	(TGA)[D2866LF32]	04.04-	113998	28 110			
		04.04- 12.05	114008	28 80			
40.414 12.0	(F 2000)	05.01-	110895	28 55			
40.422 12.0	(F 90)[D2866LF06]	12.91- 08.93	110761#	28 35	12.91- 06.96	110206	24 5.4
		12.91- 04.92	110895	28 55			
		12.91- 06.96	112159	28 80			
		09.93- 06.96	113920	28 35			
	(F 90)[D2866LF09]	12.91- 08.93	110761#	28 35	12.91- 06.96	110206	24 5.4
		12.91- 06.96	112159	28 80			
		09.93- 06.96	113920	28 35			
40.430 10.5	(TGA)[D2066LF01]	01.05- 09.06	115486	28 80 A49			
		01.05- 09.06	115492	28 110 A49			
		01.05- 09.06	115496	28 120 A49			
		06.05-	114528*	28 120			
		06.05-	113998	28 110	06.05-	115556	24 5.5
					06.05-	115892	24 5.5 A49
	(TGS)	06.08-	113998	28 110			
		06.08-	114007*	28 80			
		06.08-	114528*	28 120			
		06.08-	115486	28 80 A49			
		06.08-	115492	28 110 A49			
		06.08-	115496	28 120 A49			
	(TGA)[D2066LF36]	06.05-	114528*	28 120	06.05-	115892	24 5.5 A49
		06.05-	115486	28 80 A49			
		06.05-	115492	28 110 A49			
		06.05-	115496	28 120 A49			
		06.05-	113998	28 110	06.05-	115440	24 7.0
					06.05-	115556	24 5.5
40.440 10.5	(TGA)[D2066LF01]	06.05-	114528*	28 120			
		06.05-	115486	28 80 A49			
		06.05-	115492	28 110 A49			
		06.05-	115496	28 120 A49			
		06.05-	113998	28 110	06.05-	115556	24 5.5
					06.05-	115892	24 5.5 A49
	(TGA)[D2066LF36]	06.05-	114528*	28 120	06.05-	115892	24 5.5 A49
		06.05-	115486	28 80 A49			
		06.05-	115492	28 110 A49			
		06.05-	115496	28 120 A49			
		06.05-	113998	28 110	06.05-	115440	24 7.0
					06.05-	115556	24 5.5
	(TGS)[D2066LF50]	02.11-	113998	28 110	02.11-	115440	24 7.0
		02.11-	114007*	28 80	02.11-	115556	24 5.5
		02.11-	114528*	28 120	02.11-	115892	24 5.5 A49
		02.11-	115486	28 80 A49			
		02.11-	115492	28 110 A49			
		02.11-	115496	28 120 A49			
	(TGS)[D2066LF62]	02.11-	113998	28 110	02.11-	115440	24 7.0
		02.11-	114007*	28 80	02.11-	115556	24 5.5
		02.11-	114528*	28 120	02.11-	115892	24 5.5 A49
		02.11-	115486	28 80 A49			
		02.11-	115492	28 110 A49			
		02.11-	115496	28 120 A49			
40.440 12.4	(TGA)[D2676LF04]	06.05-	114528*	28 120	06.05-	115556	24 5.5
		06.05-	115496	28 120 A49	06.05-	115892	24 5.5 A49
	(TGS)	02.11-	113998	28 110	02.11-	115440	24 7.0
		02.11-	114007*	28 80	02.11-	115556	24 5.5
		02.11-	114528*	28 120	02.11-	115892	24 5.5 A49
		02.11-	115486	28 80 A49			
		02.11-	115492	28 110 A49			
		02.11-	115496	28 120 A49			
40.460 12.8	(TGA)[D2876LF07]	04.04-	113998	28 110			
		04.04-	114008	28 80			
40.462 18.3	(F 90)[D2840LF/460]	07.89- 02.90	110761#	28 35	07.89- 02.90	110210	24 6.6
		07.89- 02.90	110895	28 55	07.89- 02.90	111046	24 6.6
		07.89- 02.90	112159	28 80	07.89- 02.90	112120	24 6.6
					07.89- 02.90	113855	24 5.4



40.463	12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55	01.94-	110206	24 5.4
40.480	12.4	(TGA)[D2676LF02]	06.05-	114528*	28 120	06.05-	115556	24 5.5
			06.05-	115486	28 80 A49			
			06.05-	115492	28 110 A49			
			06.05-	115496	28 120 A49	06.05-	115892	24 5.5 A49
			06.05-	113998	28 110			
		(TGS)	06.08-	113998	28 110			
			06.08-	114007*	28 80			
			06.08-	114528*	28 120			
			06.08-	115486	28 80 A49			
			06.08-	115492	28 110 A49			
			06.08-	115496	28 120 A49			
		(TGA)[D2676LF03]	06.05-	114528*	28 120	06.05-	115556	24 5.5
			06.05-	115486	28 80 A49			
			06.05-	115492	28 110 A49			
			06.05-	115496	28 120 A49	06.05-	115892	24 5.5 A49
			06.05-	113998	28 110			
		(TGS)	06.08-	113998	28 110			
			06.08-	114007*	28 80			
			06.08-	114528*	28 120			
			06.08-	115486	28 80 A49			
			06.08-	115492	28 110 A49			
			06.08-	115496	28 120 A49			
		(TGA)[D2676LF12]	06.05-	114528*	28 120			
			06.05-	115496	28 120 A49			
		(TGS)[D2676LF20]	06.08-	113998	28 110			
			06.08-	114007*	28 80			
			06.08-	114528*	28 120			
			06.08-	115486	28 80 A49			
			06.08-	115492	28 110 A49			
			06.08-	115496	28 120 A49			
40.480	12.8	(TGA)[D2876LF12]	04.04-	113998	28 110	04.04-	113855	24 5.4
			04.04- 09.06	114008	28 80	04.04-	114031	24 5.5
						04.04-	115886	24 5.5 A49
		(TGA)[D2876LF25]	04.04-	113998	28 110	04.04-	113855	24 5.4
			04.04- 09.06	114008	28 80	04.04-	114031	24 5.5
						04.04-	115886	24 5.5 A49
40.502	18.3	(F 90)[D2840LF01]	02.90- 06.96	110761#	28 35	02.90- 06.96	110210	24 6.6
			02.90- 06.96	110895	28 55	02.90- 06.96	111046	24 6.6
			02.90- 06.96	112159	28 80			
			02.90- 06.96	113920	28 35			
		(F 90)[D2840LF04]	02.90- 06.96	110761#	28 35	02.90- 06.96	110210	24 6.6
			02.90- 06.96	110895	28 55	02.90- 06.96	111046	24 6.6
			02.90- 06.96	112159	28 80			
			02.90- 06.96	113920	28 35			
		(F 90)[D2840LF06]	02.90- 06.96	110761#	28 35	02.90- 06.96	110210	24 6.6
			02.90- 06.96	110895	28 55	02.90- 06.96	111046	24 6.6
			02.90- 06.96	112159	28 80			
			02.90- 06.96	113920	28 35			
41.262	10.0	(F 90)[D2865LF/260]	07.89- 02.90	110761#	28 35	07.89- 02.90	110206	24 5.4
			07.89- 02.90	110895	28 55	07.89- 02.90	110210	24 6.6
			07.89- 02.90	112159	28 80	07.89- 02.90	111046	24 6.6
						07.89- 02.90	112120	24 6.6
						07.89- 02.90	113855	24 5.4
41.272	10.0	(F 90)[D2865LF02]	02.90- 12.91	110761#	28 35	02.90- 12.91	110206	24 5.4
			02.90- 12.91	110895	28 55	02.90- 12.91	110210	24 6.6
			02.90- 12.91	112159	28 80	02.90- 12.91	111046	24 6.6
						02.90- 12.91	112120	24 6.6
						02.90- 12.91	113855	24 5.4
41.292	12.0	(F 90)[D2866LF/290]	10.88- 02.90	110761#	28 35	10.88- 02.90	110206	24 5.4
			10.88- 02.90	110895	28 55	10.88- 02.90	113855	24 5.4
			10.88- 02.90	112159	28 80	10.88- 02.90	111046	24 6.6
41.320	10.5	(TGS)[D2066LF39]				06.08-	115556	24 5.5
						06.08-	115892	24 5.5 A49
		(TGS)[D2066LF43]	06.08-	114007*	28 80	06.08-	115556	24 5.5
			06.08-	115486	28 80 A49	06.08-	115892	24 5.5 A49
41.322	10.0	(F 90)[D2865LF03]	02.90- 08.93	110761#	28 35	02.90- 06.96	110210	24 6.6
			02.90-	110895	28 55	02.90- 06.96	111046	24 6.6
			02.90- 06.96	112159	28 80			
			09.93- 05.94	113920	28 35			
		(F 90)[D2865LF06]	02.90- 08.93	110761#	28 35	02.90- 06.96	110210	24 6.6
			02.90- 06.96	110895	28 55	02.90- 06.96	111046	24 6.6
			02.90- 06.96	112159	28 80			
41.322	12.0	(F 90)[D2866LF/330]	10.88- 02.90	110761#	28 35	10.88- 02.90	110206	24 5.4
			10.88- 02.90	110895	28 55	10.88- 02.90	111046	24 6.6
			10.88- 02.90	112159	28 80	10.88- 02.90	113855	24 5.4
41.342	10.0	(F 90)[D2865LF09]	05.94- 06.96	110895	28 55	05.94- 06.96	110210	24 6.6
			05.94- 06.96	112159	28 80	05.94- 06.96	111046	24 6.6
41.343	10.0	(F 2000)[D2865LF21]	08.95-	110895	28 55	08.95-	110206	24 5.4
			08.95-	112159	28 80	08.95-	111046	24 6.6
			08.95- 09.01	113920	28 35	08.95-	113855	24 5.4
41.350	10.5	(TGA)[D2066LF03]	12.04-	114528*	28 120			
			12.04- 09.06	115486	28 80 A49			
			12.04- 09.06	115492	28 110 A49			
			12.04- 09.06	115496	28 120 A49			
						12.04-	115556	24 5.5
						12.04-	115892	24 5.5 A49
		(TGA)[D2066LF13]	10.04- 09.06	115486	28 80 A49			
			10.04- 09.06	115492	28 110 A49			
			10.04- 09.06	115496	28 120 A49			
			12.04-	114528*	28 120			
						12.04-	115556	24 5.5
						12.04-	115892	24 5.5 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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		(TGA)[D2066LF33]	12.04-114528*	28 120				
			12.04-115486	28 80 A49				
			12.04-115492	28 110 A49				
			12.04-115496	28 120 A49				
			12.04-113998	28 110	12.04-115556	24 5.5		
41.360	10.5	(TGA)[D2066LF03]	12.04-114528*	28 120	12.04-115892	24 5.5	A49	
			12.04-09.06-115486	28 80 A49				
			12.04-09.06-115492	28 110 A49				
			12.04-09.06-115496	28 120 A49				
			12.04-113998	28 110	12.04-115556	24 5.5		
			12.04-113998	28 110	12.04-115892	24 5.5	A49	
		(TGA)[D2066LF07]	09.07-114007*	28 80				
			09.07-115486	28 80 A49				
			12.08-115492	28 110 A49				
			12.08-113998	28 110				
		(TGA)[D2066LF13]	12.04-114528*	28 120				
			12.04-115486	28 80 A49				
			12.04-115492	28 110 A49				
			12.04-115496	28 120 A49				
			12.04-113998	28 110	12.04-115556	24 5.5		
			12.04-113998	28 110	12.04-115892	24 5.5	A49	
		(TGS)[D2066LF27]	10.07-114007*	28 80				
			10.07-115486	28 80 A49				
		(TGA)[D2066LF33]	07.03-115496	28 120 A49				
			12.04-114528*	28 120				
			07.06-115486	28 80 A49				
			07.06-115492	28 110 A49				
			12.04-113998	28 110	12.04-115556	24 5.5		
			12.04-113998	28 110	12.04-115892	24 5.5	A49	
		(TGS)[D2066LF38]	10.07-114007*	28 80	07.08-115556	24 5.5		
			10.07-115486	28 80 A49	07.08-115892	24 5.5	A49	
			07.08-115492	28 110 A49				
			07.08-113998	28 110				
		(TGS)[D2066LF42]	10.07-114007*	28 80	07.08-115556	24 5.5		
			10.07-115486	28 80 A49	07.08-115892	24 5.5	A49	
			07.08-115492	28 110 A49				
			07.08-113998	28 110				
41.360	12.0	(TGA)[D2866LF27]	12.04-114528*	28 120	01.03-115556	24 5.5		
			12.04-115496	28 120 A49	01.03-115892	24 5.5	A49	
		(TGA)[D2866LF37]	01.03-113289	28 90	01.03-115556	24 5.5		
			01.03-113295	28 55	01.03-115892	24 5.5	A49	
					01.03-110206	24 5.4		
41.362	12.0	(F 90)[D2866LXF]	10.88-02.90-110761#	28 35	10.88-02.90-110206	24 5.4		
			10.88-02.90-110895	28 55	10.88-02.90-111046	24 6.6		
			10.88-02.90-112159	28 80	10.88-02.90-113855	24 5.4		
41.364	12.0	(F 2000)	05.01-110895	28 55				
41.372	12.0	(F 90)[D2866LF03]	02.90-05.94-110761#	28 35	02.90-05.94-110206	24 5.4		
			02.90-04.92-110895	28 55				
			02.90-06.96-112159	28 80				
			09.93-06.96-113920	28 35				
		(F 90)[D2866LF05]	02.90-05.94-110761#	28 35	10.92-11.92-110206	24 5.4		
			02.90-06.96-112159	28 80				
			10.92-05.94-110895	28 55				
			09.93-06.96-113920	28 35				
		(F 90)[D2866LF15]	02.90-06.96-112159	28 80	05.94-06.96-110206	24 5.4		
			09.93-06.96-113920	28 35				
41.390	10.5	(TGA)[D2066LF02]	03.04-09.06-115486	28 80 A49				
			03.04-09.06-115492	28 110 A49				
			03.04-09.06-115496	28 120 A49				
			12.04-114528*	28 120				
			12.04-113998	28 110	12.04-115556	24 5.5		
			12.04-113998	28 110	12.04-115892	24 5.5	A49	
		(TGS)	06.08-113998	28 110				
			06.08-114007*	28 80				
			06.08-114528*	28 120				
			06.08-115486	28 80 A49				
			06.08-115492	28 110 A49				
			06.08-115496	28 120 A49				
		(TGA)[D2066LF12]	10.04-09.06-115486	28 80 A49				
			10.04-09.06-115492	28 110 A49				
			10.04-09.06-115496	28 120 A49				
			12.04-114528*	28 120				
			12.04-113998	28 110	12.04-115556	24 5.5		
			12.04-113998	28 110	12.04-115892	24 5.5	A49	
		(TGA)[D2066LF32]	12.04-114528*	28 120				
			12.04-115486	28 80 A49				
			12.04-115492	28 110 A49				
			12.04-115496	28 120 A49				
			12.04-113998	28 110	12.04-115556	24 5.5		
			12.04-113998	28 110	12.04-115892	24 5.5	A49	
41.400	10.5	(TGA)[D2066LF02]	12.04-114528*	28 120				
			12.04-115486	28 80 A49				
			12.04-115492	28 110 A49				
			12.04-115496	28 120 A49				
			12.04-113998	28 110	12.04-115556	24 5.5		
			12.04-113998	28 110	12.04-115892	24 5.5	A49	
		(TGA)[D2066LF06]	09.07-115492	28 110 A49	09.07-115892	24 5.5	A49	
			09.07-113998	28 110	09.07-115556	24 5.5		
		(TGA)[D2066LF12]	12.04-114528*	28 120				
			12.04-115486	28 80 A49				
			12.04-115492	28 110 A49				
			12.04-115496	28 120 A49				
			12.04-113998	28 110	12.04-115556	24 5.5		
			12.04-113998	28 110	12.04-115892	24 5.5	A49	

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		(TGS)[D2066LF26]	10.07- 10.07-	114007* 115486	28 80 28 80 A49				
		(TGA)[D2066LF32]	12.04- 07.06- 07.06- 07.06-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49				
			12.04-	113998	28 110		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
		(TGS)[D2066LF37]	10.07- 10.07- 07.08- 07.08- 07.08- 07.08-	114007* 115486 113998 114528* 115492 115496	28 80 28 80 A49 28 110 28 120 28 110 A49 28 120 A49		07.08- 07.08-	115892 115556	24 5.5 A49 24 5.5
		(TGS)[D2066LF41]	10.07- 10.07- 07.08- 07.08- 07.08- 07.08-	114007* 115486 113998 114528* 115492 115496	28 80 28 80 A49 28 110 28 120 28 110 A49 28 120 A49		07.08- 07.08-	115892 115556	24 5.5 A49 24 5.5
		(TGS)[D2066LF49]	07.08- 07.08- 07.08- 07.08- 07.08- 07.08-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49				
		(TGS)[D2066LF61]	07.08- 07.08- 07.08- 07.08- 07.08- 07.08-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49				
		(TGS)[D2066LF63]	07.08- 07.08- 07.08- 07.08- 07.08- 07.08-	113998 114007* 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49				
41.402	12.0	(F 90)[D2866LF16]	05.94- 06.96 05.94- 06.96	112159 113920	28 80 28 35		05.94- 05.94	110206	24 5.4
41.403	12.0	(F 2000)[D2866LF20]	08.95- 08.95- 08.95- 08.95- 08.95- 09.01	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35		08.95- 08.95- 08.95-	110206 111046 113855	24 5.4 24 6.6 24 5.4
41.410	12.0	(E2000 Evolution)[D2866LF25]					05.00-	110206	24 5.4
41.414	12.0	(TGA)[D2866LF28]	07.06-	114008	28 80		12.04-	110206	24 5.4
41.422	12.0	(F 90)[D2866LF06]	05.01-	110895	28 55				
			02.90- 08.93 02.90- 04.92 02.90- 06.96 09.93- 06.96	110761# 110895 112159 113920	28 35 28 55 28 80 28 35		02.90- 05.94	110206	24 5.4
		(F 90)[D2866LF09]	02.90- 08.93 02.90- 06.96 09.93- 06.96	110761# 112159 113920	28 35 28 80 28 35		02.90- 05.94	110206	24 5.4
41.430	10.5	(TGA)[D2066LF01]	06.04- 09.06 06.04- 09.06 06.04- 09.06 12.04- 09.07-	115486 115492 115496 114528* 114007*	28 80 A49 28 110 A49 28 120 A49 28 120 28 80		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
		(TGA)[D2066LF11]	12.04- 10.04- 09.06 10.04- 09.06 10.04- 09.06 12.04-	113998 115486 115492 115496 114528*	28 110 28 80 A49 28 110 A49 28 120 A49 28 120		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
		(TGA)[D2066LF31]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
			12.04- 12.04-	113998 114528*	28 110 28 120		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
41.440	10.5	(TGA)[D2066LF01]	12.04- 12.04- 12.04- 12.04-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
		(TGA)[D2066LF11]	12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
		(TGS)[D2066LF25]	10.07- 10.07-	115492 113998	28 110 A49 28 110				
		(TGA)[D2066LF31]	12.04- 07.06- 07.06- 07.06-	114528* 115486 115492 115496	28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
		(TGA)[D2066LF36]	12.04- 07.06- 07.06-	113998 114007* 115486	28 110 28 80 28 80 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49

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O.E.M. names and numbers are used for reference purposes only.



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	(TGS)	10.07-	113998	28 110	06.08-	115556	24 5.5
		10.07-	114007*	28 80	06.08-	115892	24 5.5 A49
		10.07-	114528*	28 120			
		10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
		10.07-	115496	28 120 A49			
		10.07-	113998	28 110			
	(TGS)[D2066LF40]	10.07-	113998	28 110	06.08-	115556	24 5.5
		10.07-	114007*	28 80	06.08-	115892	24 5.5 A49
		10.07-	114528*	28 120			
		10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
		10.07-	115496	28 120 A49			
		10.07-	113998	28 110			
	(TGS)[D2066LF50]	10.07-	113998	28 110			
		10.07-	114007*	28 80			
		10.07-	114528*	28 120			
		10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
		10.07-	115496	28 120 A49			
	(TGS)[D2066LF62]	10.07-	113998	28 110			
		10.07-	114007*	28 80			
		10.07-	114528*	28 120			
		10.07-	115486	28 80 A49			
		10.07-	115492	28 110 A49			
		10.07-	115496	28 120 A49			
41.440 12.4	(TGA)[D2676LF04]	12.04-	114528*	28 120	12.04-	115556	24 5.5
		12.04-	115496	28 120 A49	12.04-	115892	24 5.5 A49
	(TGS)	06.08-	113998	28 110			
		06.08-	114007*	28 80			
		06.08-	114528*	28 120			
		06.08-	115486	28 80 A49			
		06.08-	115492	28 110 A49			
		06.08-	115496	28 120 A49			
	(TGS)[D2676LF26]	06.08-	113998	28 110			
		06.08-	114007*	28 80			
		06.08-	114528*	28 120			
		06.08-	115486	28 80 A49			
		06.08-	115492	28 110 A49			
		06.08-	115496	28 120 A49			
41.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35			
	(TGA)[D2876LF04]				12.04-	110206	24 5.4
41.463 12.8	(F 2000)[D2876LF02]	08.95-	110895	28 55	08.95-	110206	24 5.4
		08.95-	112159	28 80	08.95-	111046	24 6.6
		08.95-	113289	28 90	08.95-	113855	24 5.4
		08.95-	113295	28 55			
		08.95- 09.01	113920	28 35			
41.464 12.8	(F 2000)[D2876LF06]	06.98-	110895	28 55			
	(F 2000)	03.02-	110895	28 55			
41.480 12.4	(TGA)[D2676LF01]	02.06-	114528*	28 120			
		02.06-	115486	28 80 A49			
		02.06-	115492	28 110 A49			
		02.06-	115496	28 120 A49			
		02.06-	113998	28 110	02.06-	115556	24 5.5
					02.06-	115892	24 5.5 A49
	(TGA)[D2676LF02]	07.06-	114528*	28 120	02.06-	115556	24 5.5
		07.06-	115496	28 120 A49	02.06-	115892	24 5.5 A49
	(TGA)[D2676LF03]	09.07-	114528*	28 120	02.06-	115556	24 5.5
		09.07-	115496	28 120 A49	02.06-	115892	24 5.5 A49
	(TGA)[D2676LF05]	07.06-	114007*	28 80			
		07.06-	114528*	28 120	02.06-	115556	24 5.5
		07.06-	115486	28 80 A49			
		07.06-	115496	28 120 A49	02.06-	115892	24 5.5 A49
	(TGS)	10.07-	114528*	28 120			
		10.07-	115496	28 120 A49			
		06.08-	113998	28 110	06.08-	115556	24 5.5
		06.08-	114007*	28 80	06.08-	115892	24 5.5 A49
		06.08-	115486	28 80 A49			
	(TGS)[D2676LF07]	10.07-	114528*	28 120			
		10.07-	115496	28 120 A49			
		06.08-	113998	28 110	06.08-	115556	24 5.5
		06.08-	114007*	28 80	06.08-	115892	24 5.5 A49
		06.08-	115486	28 80 A49			
	(TGS)[D2676LF14]	10.07-	114528*	28 120			
		10.07-	115496	28 120 A49			
41.480 12.8	(TGA)[D2876LF12]	06.05-	114008	28 80	06.05-	113855	24 5.4
		07.06-	113998	28 110	06.05-	114031	24 5.5
					06.05-	115886	24 5.5 A49
	(TGA)[D2876LF25]				06.05-	114031	24 5.5
					06.05-	115886	24 5.5 A49
41.530 12.8	(TGA)[D2876LF12]	07.06-	114008	28 80			
	(TGA)[D2876LF13]	09.02-	113998	28 110	06.03-	110206	24 5.4
		06.03-	114008	28 80	09.02-	113855	24 5.4
					09.02-	114031	24 5.5
					09.02-	115886	24 5.5 A49
41.540 12.4	(TGS)[D2676LF06]	10.07-	114528*	28 120	02.09-	115556	24 5.5
		10.07-	115496	28 120 A49	02.09-	115892	24 5.5 A49
	(TGX)	06.08-	115486	28 80 A49	06.08-	115892	24 5.5 A49
		06.08-	115492	28 110 A49			
		06.08-	113998	28 110	06.08-	115440	24 7.0
					06.08-	115556	24 5.5
	(TGA)[D2676LF13]	11.06-	114528*	28 120	11.06-	115556	24 5.5
		11.06-	115496	28 120 A49	11.06-	115892	24 5.5 A49
	(TGS)	10.07-	114528*	28 120			
		10.07-	115496	28 120 A49			

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	(TGX)	06.08-06.08-	115486 115492	28 80 A49 28 110 A49		06.08-	115892	24 5.5 A49
		06.08-	113998	28 110		06.08-	115440 115556	24 7.0 24 5.5
41.660 18.3	(TGA)[D2840LF25]	04.03-09.02-	115492 113998	28 110 A49 28 110		09.02-	110210	24 6.6
41.680 16.2	(TGX)[D2868LF03]	10.07-10.07-10.07-10.07-10.07-	114528* 115486 115492 115496 113998	28 120 28 80 A49 28 110 A49 28 120 A49 28 110				
48.292 12.0	(F 90)[D2866LF/290]	07.89-02.90-07.89-02.90-07.89-02.90	110761# 110895 112159	28 35 28 55 28 80		07.89-02.90-07.89-02.90-07.89-02.90	110206 111046 113855	24 5.4 24 6.6 24 5.4
48.332 12.0	(F 90)[D2866LF/330]	07.89-02.90-07.89-02.90-07.89-02.90	110761# 110895 112159	28 35 28 55 28 80		07.89-02.90-07.89-02.90-07.89-02.90	110206 111046 113855	24 5.4 24 6.6 24 5.4
48.362 12.0	(F 90)[D2866LXF]	07.89-02.90-07.89-02.90-07.89-02.90	110761# 110895 112159	28 35 28 55 28 80		07.89-02.90-07.89-02.90-07.89-02.90	110206 111046 113855	24 5.4 24 6.6 24 5.4
48.462 18.3	(F 90)[D2840LF/460]	07.89-02.90-07.89-02.90-07.89-02.90	110761# 110895 112159	28 35 28 55 28 80		07.89-02.90-07.89-02.90-07.89-02.90	110210 111046 112120	24 6.6 24 6.6 24 6.6
50.410 12.0	(E2000 Evolution)[D2866LF25]					10.00-	110206	24 5.4
50.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35				
10.153 F 4.6	[D0824LFL01]	10.93-10.93-10.93-	110895 112159 113920	28 55 28 80 28 35		10.93-10.93-10.93-	111640 113468 113759	24 4.0 24 4.0 24 4.0
	[D0824LFL05]	10.93-10.93-10.93-	110895 112159 113920	28 55 28 80 28 35		10.93-10.93-10.93-	111640 113468 113759	24 4.0 24 4.0 24 4.0
10.153 FA 4.6	[D0824LFL01]	10.93-10.93-10.93-	110895 112159 113920	28 55 28 80 28 35		10.93-10.93-10.93-	111640 113759	24 4.0 24 4.0
	[D0824LFL05]	10.93-10.93-10.93-	110895 112159 113920	28 55 28 80 28 35		10.93-10.93-10.93-	111640 113468 113759	24 4.0 24 4.0 24 4.0
10.223 F 10.223 FL 6.9	[D0826LFL06]	10.93-06.96-10.93-06.96-10.93-06.96	110895 112159 113920	28 55 28 80 28 35		10.93-06.96-10.93-06.96-10.93-06.96	110206 111640 113468 113759	24 5.4 24 4.0 24 4.0 24 4.0
10.223 FA 6.9	[D0826LFL06]	10.93-06.96-10.93-06.96-10.93-06.96	110895 112159 113920	28 55 28 80 28 35		10.93-06.96-10.93-06.96-10.93-06.96	110206 111640 113468 113759	24 5.4 24 4.0 24 4.0 24 4.0
10.224 F 10.224 FL 6.9	[D0826LFL03]	05.94-05.94-05.94-	110895 112159 113920	28 55 28 80 28 35		05.94-05.94-05.94-	110206 111640 113468 113759	24 5.4 24 4.0 24 4.0 24 4.0
10.224 FA 6.9	[D0826LFL03]	05.94-05.94-05.94-	110895 112159 113920	28 55 28 80 28 35		05.94-05.94-05.94-	110206 111640 113468 113759	24 5.4 24 4.0 24 4.0 24 4.0
14.192 FA 6.6	[D0826TF]	08.88-06.90	111146	28 55		08.88-06.90-08.88-06.90	113468 113759	24 4.0 24 4.0
6.90 3.8	(G)[D0224MF]					10.79-09.87-07.83-09.87-10.79-09.87	111640 113468 113759	24 4.0 24 4.0 24 4.0
8.90 3.8	(G)[D0224MF]					10.79-09.87-07.83-09.87-10.79-09.87	111640 113468 113759	24 4.0 24 4.0 24 4.0
EL 202 6.9	(EL Series)[D0826LUH]	04.94-06.97	111842	28 140		04.94-06.97-04.94-06.97	113468 115345	24 4.0 24 5.4
	(EL Series)[D0826LUH03]	01.93-06.97	111842	28 140		01.93-06.97-01.93-06.97-01.93-06.97-01.93-06.97	110206 111640 113468 115345	24 5.4 24 4.0 24 4.0 24 5.4
	(EL Series)[D0826LUH05]	04.94-06.97	111842	28 140		01.93-06.97-01.93-06.97-01.93-06.97	110206 113468 115345	24 5.4 24 4.0 24 5.4
	(EL Series)[D0826LUH12]	01.93-06.97	111842	28 140		01.93-06.97-01.93-06.97-01.93-06.97	110206 113468 115345	24 5.4 24 4.0 24 5.4
EL 222 6.9	(EL Series)[D0826LUH03]	01.93-06.97	111842	28 140		01.93-06.97-01.93-06.97-01.93-06.97	110206 111640 113468 115345	24 5.4 24 4.0 24 4.0 24 5.4
	(EL Series)[D0826LUH05]	01.93-06.97	111842	28 140		01.93-06.97-01.93-06.97-01.93-06.97	110206 113468 115345	24 5.4 24 4.0 24 5.4
	(EL Series)[D0826LUH12]	01.93-06.97	111842	28 140		01.93-06.97-01.93-06.97-01.93-06.97	110206 113468 115345	24 5.4 24 4.0 24 5.4
EL 262 12.0	(EL Series)[D2866LUH22]	07.98-	111842	28 140		07.98-07.98-07.98-07.98-07.98-	110206 110210 111046 112120 113855	24 5.4 24 6.6 24 6.6 24 6.6 24 5.4
EL 262 6.9	(EL Series)[D0826LUH]	02.96-06.98	111842	28 140		04.94-06.97-04.94-06.97-04.94-06.97	111640 113468 115345	24 4.0 24 4.0 24 5.4
EM 11.222 6.9	[D0826LOH15]	02.96-09.01	111842	28 140				
EM 13.222 6.9	[D0826LUH12]	06.97-09.01	111842	28 140				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

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EM 192 6.9	(EM Series)[D0826LOH06]	10.93- 06.97	110895	28 55	10.93- 06.97	110206	24 5.4
		10.93- 06.97	111842	28 140	10.93- 06.97	111640	24 4.0
		10.93- 06.97	112159	28 80	10.93- 06.97	113468	24 4.0
		10.93- 06.97	113920	28 35	10.93- 06.97	113759	24 4.0
EM 222 6.9	(EM Series)[D0826LOH15]	02.96-	111842	28 140	02.96-	110206	24 5.4
					06.00- 09.00	112446	24 4.0
					02.96-	113759	24 4.0
					02.96-	113855	24 5.4
				02.96-	115345	24 5.4	
		(EM Series)[D0826LUH12]	02.96- 09.01	111842	28 140	02.96-	113759
					02.96-	113855	24 5.4
EM 223 6.9	(EM Series)[D0826LOH15]	02.96- 09.01	111842	28 140	02.96- 09.01	110206	24 5.4
					07.01- 09.01	111640	24 4.0
					06.00- 09.01	112446	24 4.0
					02.96-	113759	24 4.0
				02.96-	113855	24 5.4	
		(EM Series)[D0826LUH12]	02.96-	111842	28 140	02.96-	110206
					02.00-	112446	24 4.0
					02.96- 01.00	113468	24 4.0
					02.96-	113759	24 4.0
					02.96-	113855	24 5.4
FRH 422 12.0	(Lions Star)[D2866LOH20]	01.93- 09.96	111842	28 140	01.93- 09.96	110206	24 5.4
					01.93- 09.96	110210	24 6.6
					09.93- 09.96	111046	24 6.6
NG 262 10.0	(NG Series)[D2865LUH09]	06.97- 07.98	111842	28 140	06.97- 07.98	110206	24 5.4
					06.97- 07.98	110210	24 6.6
NG 262 12.0	(NG Series)[D2866LUH22]	07.98-	111842	28 140	07.98-	110206	24 5.4
					07.98-	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4
NG 262 6.9	(NG Series)[D0826LUH01]				08.92- 09.95	110206	24 5.4
					08.92- 09.95	113468	24 4.0
					08.92- 07.98	113759	24 4.0
					08.92- 07.98	115345	24 5.4
NG 263 12.0	(NG Series)[D2866LUH22]	07.98- 12.01	111842	28 140	07.98- 09.01	110206	24 5.4
		07.98- 12.01	113289	28 90	07.98- 09.01	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4
NG 272 6.9	(NG Series)[D0826LUH01]				08.92- 09.95	110206	24 5.4
					08.92- 09.95	113468	24 4.0
					08.92- 07.98	113759	24 4.0
					08.92- 07.98	115345	24 5.4
NG 312 10.0	(NG Series)[D2865LUH07]	09.95- 07.98	111842	28 140	09.95- 07.98	110206	24 5.4
					09.95- 07.98	110210	24 6.6
NG 312 12.0	(NG Series)[D2866LUH26]				07.98-	110206	24 5.4
					07.98-	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4
NG 313 12.0	(NG Series)[D2866LUH26]	07.98- 12.01	111842	28 140	07.98- 12.01	110206	24 5.4
		07.98- 12.01	113289	28 90	07.98- 12.01	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4
NL 202 6.9	(NL Series)[D0826LUH]	09.89- 04.94	111842	28 140	09.89- 04.94	111046	24 6.6
					09.89- 04.94	110206	24 5.4
					04.94- 02.97	112446	24 4.0
					09.89- 03.97	113468	24 4.0
					09.89- 04.94	113855	24 5.4
				09.89- 04.94	115345	24 5.4	
	(NL Series)[D0826LUH03]	08.92-	111842	28 140	08.92-	110206	24 5.4
					08.92-	111046	24 6.6
					08.92-	113468	24 4.0
					08.92-	113855	24 5.4
				08.92-	115345	24 5.4	
(NL Series)[D0826LUH12]	11.95-	111842	28 140	11.95-	110206	24 5.4	
				08.92-	111046	24 6.6	
				08.92-	113855	24 5.4	
				08.92-	115345	24 5.4	
NL 222 6.9	(NL Series)[D0826LUH03]	08.92- 04.01	111842	28 140	08.92-	111046	24 6.6
					08.92-	113855	24 5.4
	(NL Series)[D0826LUH12]	08.92- 09.01	111842	28 140	11.95- 11.99	110206	24 5.4
		07.98- 09.01	113289	28 90	08.92-	111046	24 6.6
				11.95- 11.99	113468	24 4.0	
				08.92-	113855	24 5.4	
				08.92-	115345	24 5.4	
NL 223 6.9	(NL Series)[D0826LUH03]	08.92- 04.01	111842	28 140	08.92-	111046	24 6.6
					08.92-	113855	24 5.4
	(NL Series)[D0826LUH12]	08.92- 09.01	111842	28 140	07.98- 09.01	110206	24 5.4
		07.98- 09.01	113289	28 90	08.92-	111046	24 6.6
					07.98- 09.01	112446	24 4.0
					07.98- 09.01	113468	24 4.0
			08.92-	113855	24 5.4		
			08.92-	115345	24 5.4		
NL 262 10.0	(NL Series)[D2865LUH09]	06.97-	111842	28 140	06.97-	110206	24 5.4
					06.97-	110210	24 6.6
					06.97-	111046	24 6.6
					06.97-	112120	24 6.6
					06.97-	113855	24 5.4



NL 262 12.0	(NL Series)[D2866LUH22]	07.98-	111842	28 140	07.98-	110206	24 5.4
					07.98-	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113468	24 4.0
					07.98-	113855	24 5.4
NL 262 6.9	(NL Series)[D0826LUH]	02.96- 06.98	111842	28 140	04.94-	111046	24 6.6
					04.94- 02.97	112446	24 4.0
					04.94- 03.97	113468	24 4.0
					04.91-	115345	24 5.4
NL 263 12.0	(NL Series)[D2866LUH22]	07.98- 09.01 11.99- 09.01	111842	28 140 28 90	07.98- 09.01	110206	24 5.4
					07.98- 09.01	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4
NL 263 6.9	(NL Series)[D0826LUH]	04.91- 03.97	111842	28 140	04.94-	111046	24 6.6
					04.94- 03.97	113468	24 4.0
					04.91-	115345	24 5.4
NL 312 10.0	(NL Series)[D2865LUH07]	11.95- 07.98	111842	28 140	11.95- 07.98	110206	24 5.4
					11.95- 07.98	110210	24 6.6
NL 313 12.0	(NL Series)[D2866LUH26]	07.98- 07.98-	111842	28 140 28 90	07.98-	110206	24 5.4
					07.98-	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4
					07.98-	113855	24 5.4
NM 152 4.4	(NM Series)[D0824LOH01]	04.92- 05.96 04.92- 05.96	111842	28 140 28 80	04.92- 05.96	112446	24 4.0
					04.92- 03.97	113759	24 4.0
NM 152 6.9	(NM Series)[D0826OH02]	05.90- 10.93 05.90- 10.93	111842	28 140 28 80	05.90- 10.93	110206	24 5.4
					05.90- 10.93	111640	24 4.0
					05.90- 10.93	113468	24 4.0
					05.90- 10.93	113759	24 4.0
					05.90- 10.93	113759	24 4.0
NM 182 6.9	(NM Series)[D0826LOH01]	05.90- 03.97 10.93- 03.97 10.93- 03.97 10.93- 03.97	111842	28 140 28 55 28 80 28 35	05.90- 03.97	113468	24 4.0
					05.90- 03.97	110206	24 5.4
					05.90- 03.97	113759	24 4.0
					05.90- 03.97	113759	24 4.0
	(NM Series)[D0826TOH]	05.90- 03.97	111842	28 140	05.90- 03.97	110206	24 5.4
					05.90- 03.97	113468	24 4.0
					05.90- 03.97	113468	24 4.0
NM 192 6.9	(NM Series)[D0826LOH01]	05.90- 03.97	111842	28 140	05.90- 03.97	110206	24 5.4
					05.90- 03.97	113468	24 4.0
	(NM Series)[D0826TOH]	05.90- 03.97	111842	28 140	05.90- 03.97	113759	24 4.0
					05.90- 03.97	110206	24 5.4
					05.90- 03.97	113468	24 4.0
NM 222 6.9	(NM Series)[D0826LOH15]	02.96- 09.01	111842	28 140	02.96- 07.98	110206	24 5.4
					02.96-	111046	24 6.6
					02.96- 07.98	111640	24 4.0
					02.00-	112446	24 4.0
					02.96- 01.00	113468	24 4.0
					02.96-	113759	24 4.0
					02.96-	113855	24 5.4
					02.96-	115345	24 5.4
NM 223 6.9	(NM Series)[D0826LOH15]	07.98- 09.01	111842	28 140	08.87-	110206	24 5.4
					08.87-	111640	24 4.0
					08.87-	113468	24 4.0
					08.87-	113759	24 4.0
					08.87-	113759	24 4.0
					08.87-	113759	24 4.0
	(NM Series)[D0826LUH12]	02.96- 09.01	111842	28 140	02.96- 09.01	110206	24 5.4
					02.96-	111046	24 6.6
					07.98- 09.99	111640	24 4.0
					02.00- 09.01	112446	24 4.0
					02.96- 01.00	113468	24 4.0
					02.96-	113759	24 4.0
NU 263 10.0	(NU Series)[D2865LUH09]	09.96- 07.98 09.96- 07.98	111842	28 140 28 90	09.96- 07.98	110206	24 5.4
					09.96- 07.98	110210	24 6.6
					09.96- 07.98	111046	24 6.6
					09.96- 07.98	112120	24 6.6
					09.96- 07.98	113468	24 4.0
					09.96- 07.98	113468	24 4.0
NU 263 12.0	(NU Series)[D2866LUH22]	07.98-	111842	28 140	07.98-	110206	24 5.4
					07.98-	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113468	24 4.0
					07.98-	113855	24 5.4
					07.98-	113855	24 5.4
					07.98-	115345	24 5.4
NU 263 6.9	(NU Series)[D0826LUH13]	07.98- 07.98-	111842	28 140 28 90	07.98-	110206	24 5.4
					07.98-	111046	24 6.6
					07.98-	113468	24 4.0
					07.98-	113855	24 5.4
					07.98-	113855	24 5.4
					07.98-	115345	24 5.4
NU 313 12.0	(NU Series)[D2866LUH26]	07.98- 07.98-	111842	28 140 28 90	07.98-	110206	24 5.4
					07.98-	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4
NU 313 15 12.0	(NU Series)[D2866LUH26]	07.98- 07.98-	111842	28 140 28 90	07.98-	110206	24 5.4
					07.98-	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4
NU 353 15 12.0	(NU Series)[D2866LUH21]	07.98- 07.98-	111842	28 140 28 90	07.98-	110206	24 5.4
					07.98-	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
					07.98-	113855	24 5.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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R 292 12.0	(R Series)[D2866TOH]	05.85- 01.93	110895	28 55	05.85- 01.93	110210	24 6.6
					05.85- 01.93	111046	24 6.6
					05.85- 01.93	112120	24 6.6
					05.85- 01.93	113855	24 5.4
	(R Series)[D2866TUH]	05.85- 01.93	110895	28 55	05.85- 01.93	110210	24 6.6
		05.85- 01.93	111842	28 140	05.85- 01.93	111046	24 6.6
					05.85- 01.93	112120	24 6.6
					05.85- 01.93	113855	24 5.4
R 362 12.0	(R Series)[D2866KUH]	05.85- 12.92	111842	28 140	05.85- 12.92	110210	24 6.6
					05.85- 12.92	111046	24 6.6
					05.85- 12.92	113855	24 5.4
RH 352 12.0	(Lions Coach)[D2866LOH26]	09.95-	111842	28 140	09.95-	110206	24 5.4
					09.95-	110210	24 6.6
					09.95-	111046	24 6.6
					09.95-	113855	24 5.4
	(Lions Star)	09.95- 11.99	111842	28 140	09.95- 11.99	110206	24 5.4
					09.95- 11.99	110210	24 6.6
					09.95-	111046	24 6.6
					09.95-	113855	24 5.4
RH 402 12.0	(Lions Coach)[D2866LOH23]	09.95-	111842	28 140	09.95-	110206	24 5.4
					09.95-	110210	24 6.6
					09.95-	111046	24 6.6
					09.95-	112120	24 6.6
	(Lions Star)	09.95-	111842	28 140	09.95-	113855	24 5.4
					09.95-	110206	24 5.4
					09.95-	110210	24 6.6
					09.95-	111046	24 6.6
RH 403 12.0	(Lions Coach)[D2866LOH23]	09.95- 09.01	111842	28 140	09.95- 09.01	110206	24 5.4
					09.95- 09.01	110210	24 6.6
					09.95-	111046	24 6.6
					09.95-	113855	24 5.4
	(Lions Star)	09.95- 09.01	111842	28 140	09.95- 09.01	110206	24 5.4
					09.95- 09.01	110210	24 6.6
					09.95-	111046	24 6.6
					09.95-	113855	24 5.4
RH 414 12.0	(Lions Star)[D2866LOH34]	03.00- 03.00-	111842 113289	28 140 28 90	10.01- 10.01-	110206 110210	24 5.4 24 6.6
RH 463 12.8	(Lions Coach)[D2876LOH01]	06.99- 09.01	111842	28 140	06.99- 09.01	110206	24 5.4
					06.99- 09.01	110210	24 6.6
	(Lions Coach)[D2876LOH02]	06.99- 09.01	111842	28 140	01.00-	110206	24 5.4
RH 464 12.8	(Lions Star)[D2876LOH03]	10.01-	111842	28 140	10.01-	110206	24 5.4
		10.01-	113289	28 90	10.01-	110210	24 6.6
RHC 414 12.0	(Lions Coach)[D2866LOH34]	09.02-	111842	28 140	03.00-	111046	24 6.6
		09.02-	113289	28 90	09.02-	110206	24 5.4
					09.02-	110210	24 6.6
RHC 464 12.8	(Lions Coach)[D2876LOH02]				06.02-	111046	24 6.6
					01.00-	110206	24 5.4
					06.99- 09.01	110206	24 5.4
RHS 414 12.0	(Lions Star)[D2866LOH34]	03.00-	111842	28 140	10.01-	110206	24 5.4
		10.01-	113289	28 90	10.01-	110210	24 6.6
RHS 464 12.8	(Lions Star)[D2876LOH03]	10.01-	111842	28 140	10.01-	110206	24 5.4
		10.01-	113289	28 90	10.01-	110210	24 6.6
		01.02- 09.06	115492	28 110 A49	10.01-	110206	24 5.4
		01.02-	113998	28 110	10.01-	110210	24 6.6
RN 313 12.0	(Lions Comfort)[D2866LUH20]	09.96- 12.01	111842	28 140	03.00-	111046	24 6.6
					09.96-	110206	24 5.4
					09.96-	110210	24 6.6
					09.96-	111046	24 6.6
	(Lions Comfort)[D2866LUH26]				09.96-	112120	24 6.6
					09.96-	113855	24 5.4
		04.98- 12.01	111842	28 140	09.96- 12.01	110206	24 5.4
					09.96- 12.01	110210	24 6.6
RN 353 12.0	(Lions Coach)[D2866LOH26]	09.95- 09.01	111842	28 140	09.96-	111046	24 6.6
					09.96-	112120	24 6.6
					09.96-	113855	24 5.4
					09.95- 09.01	110206	24 5.4
	(Lions Comfort)[D2866LUH21]	06.97- 03.98	111842	28 140	09.95- 09.01	110210	24 6.6
					09.95-	111046	24 6.6
					09.95-	113855	24 5.4
					06.97-	110206	24 5.4
SD 200 11.0	(SD Series)[D2556MXUH/175]				06.97-	110210	24 6.6
					06.97-	111046	24 6.6
					06.97-	112120	24 6.6
					06.97-	113855	24 5.4
	(SD Series)[D2556MXUH/192]				04.74- 09.75	110210	24 6.6
					04.74- 09.75	111046	24 6.6
					04.74- 09.75	112120	24 6.6
					04.74- 09.75	113855	24 5.4
SD 200 11.4	(SD Series)[D2566MUH/175]	07.80- 11.86	111629	28 120	04.74- 09.75	110210	24 6.6
					04.74- 09.75	111046	24 6.6
					04.74- 09.75	112120	24 6.6
					04.74- 09.75	113855	24 5.4
	(SD Series)[D2566MUH/192]	07.80- 11.86	111629	28 120	10.75- 04.80	110210	24 6.6
					10.75- 04.80	111046	24 6.6
					10.75- 04.80	112120	24 6.6
					10.75- 04.80	113855	24 5.4
	(SD Series)[D2566MUH/200]	07.80- 11.86	111629	28 120	10.75- 11.86	110210	24 6.6
		01.84- 11.86	111842	28 140	10.75- 11.86	111046	24 6.6
					10.75- 11.86	112120	24 6.6
					10.75- 11.86	113855	24 5.4
	(SD Series)[D2566MUH/220]	07.80- 11.86	111629	28 120	10.75- 11.86	113855	24 5.4
					06.79- 12.86	110210	24 6.6
					06.79- 12.86	112120	24 6.6
					06.79- 12.86	113855	24 5.4



	(SD Series)[D2566UH]	07.80- 11.86 10.85- 04.91	111629 111842	28 120 28 140		10.85- 04.94 10.85- 04.94 10.85- 04.94 10.85- 04.94	110210 111046 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
SG 220 11.4	(SG Series)[D2566MUH]	07.80- 01.85 01.84- 01.86	111629 111842	28 120 28 140		05.80- 01.86 05.80- 01.86 05.80- 01.86 05.80- 01.86	110210 111046 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
	(SG Series)[D2566MUM]	07.80- 01.85 01.84- 01.85	111629 111842	28 120 28 140		07.76- 01.85 07.76- 01.85 07.76- 01.85 07.76- 01.85	110210 111046 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
SG 240 11.4	(SG Series)[D2566MTUH]	07.80- 01.86	111629	28 120		09.81- 01.86 09.81- 01.86	110210 111046	24 6.6 24 6.6
	(SG Series)[D2566MUH]	07.80- 01.86	111629	28 120		05.80- 01.86 05.80- 01.86 05.80- 01.86	110210 111046 113855	24 6.6 24 6.6 24 5.4
SG 240 12.0	(SG Series)[D2866TUH]	07.80- 01.86 11.84- 09.89 11.84- 09.89	111629 110895 111842	28 120 28 55 28 140		11.84- 09.89 11.84- 09.89 11.84- 09.89 11.84- 09.89	111046 110210 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
	(SG Series)[D2866UH]	07.80- 01.86 09.85- 04.94	111629 111842	28 120 28 140		09.85- 04.94 09.85- 04.94 09.85- 04.94 09.85- 04.94	110210 111046 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
SG 242 11.4	(SG Series)[D2566MUH]	07.80- 01.86	111629	28 120		05.80- 01.86 05.80- 01.86 05.80- 01.86	110210 111046 113855	24 6.6 24 6.6 24 5.4
SG 242 12.0	(SG Series)[D2866TOH]	07.80- 01.86 09.85- 04.94 09.85- 04.94	111629 110895 111842	28 120 28 55 28 140		09.85- 04.94 09.85- 04.94 09.85- 04.94 09.85- 04.94	111046 110206 112120 113855	24 6.6 24 5.4 24 6.6 24 5.4
	(SG Series)[D2866TUH]	07.80- 01.86 09.85- 04.94	111629 111842	28 120 28 140		09.85- 04.94 09.85- 04.94 09.85- 04.94 09.85- 04.94	110210 111046 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
	(SG Series)[D2866UH]	07.80- 01.86 04.88- 04.94	111629 111842	28 120 28 140		09.85- 04.94 09.85- 04.94 09.85- 04.94 08.85- 04.94	110210 111046 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
SG 292 12.0	(SG Series)[D2866TOH]	09.85- 04.94	110895	28 55		04.92- 04.93 09.85- 04.94 09.85- 04.94 09.85- 04.94	110206 111046 112120 113855	24 5.4 24 6.6 24 6.6 24 5.4
	(SG Series)[D2866TUH]	11.84- 04.94 04.88- 04.94	110895 111842	28 55 28 140		11.84- 04.94 09.85- 04.94 11.84- 04.94 11.84- 04.94	110210 111046 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
SG 312 10.0	(SG Series)[D2865LUH07]	04.94- 06.97	111842	28 140		02.96- 06.97 02.96- 06.97	110206 110210	24 5.4 24 6.6
	(SG Series)[D2865LUH08]	04.94- 06.97	111842	28 140		02.94- 06.97 02.94- 06.97	110206 110210	24 5.4 24 6.6
SG 322 10.0	(SG Series)[D2865LUH07]	04.94- 06.97	111842	28 140		02.94- 06.97 02.94- 06.97	110206 110210	24 5.4 24 6.6
	(SG Series)[D2865LUH08]	04.94- 06.97	111842	28 140		04.94- 06.97 04.94- 06.97	110206 110210	24 5.4 24 6.6
SL 200 11.4	(SL Series)[D2566MUH]	07.80- 04.87 01.84- 01.86	111629 111842	28 120 28 140		05.80- 04.87 05.80- 04.87 05.80- 04.87 05.80- 04.87	110210 111046 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
	(SL Series)[D2566UH]	07.80- 04.87 01.84- 04.87	111629 111842	28 120 28 140		05.80- 04.87 05.80- 04.87 05.80- 04.87 05.80- 04.87	110210 111046 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
SL 200 12.0	(SL Series)[D2866UH]	07.80- 04.87 01.86- 04.87	111629 111842	28 120 28 140		01.86- 04.87 01.86- 04.87 01.86- 04.87 01.86- 04.87	110210 111046 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
SL II 202 11.4	(SL Series)[D2566UH]	06.84- 04.93	111842	28 140		06.84- 04.93 06.84- 04.93 06.84- 04.93 06.84- 04.93	110210 111046 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
SL II 202 12.0	(SL Series)[D2866UH]	06.84- 04.94	111842	28 140		06.84- 04.94 06.84- 04.94 06.84- 04.94 06.84- 04.94	110210 111046 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
SM 152 6.9	(SM Series)[D0826OH02]	11.87- 04.94	111842	28 140		11.87- 04.94 11.87- 04.94 11.87- 04.94	111640 113468 113759	24 4.0 24 4.0 24 4.0
SM 182 6.9	(SM Series)[D0826LOH01]	11.87- 02.95	111842	28 140		11.87- 02.95 11.87- 02.95 11.87- 02.95 11.87- 02.95 11.87- 02.95	111046 111640 113468 113759 113855	24 6.6 24 4.0 24 4.0 24 4.0 24 5.4
	(SM Series)[D0826TOH]					11.87- 02.95 11.87- 02.95 11.87- 02.95 11.87- 02.95 11.87- 02.95	111046 111640 113468 113759 113855	24 6.6 24 4.0 24 4.0 24 4.0 24 5.4
SM 192 6.9	(SM Series)[D0826LOH01]	11.87- 02.95 11.87- 02.95 11.87- 02.95 11.87- 02.95	110895 111842 112159 113920	28 55 28 140 28 80 28 35		11.87- 02.95 11.87- 02.95 11.87- 02.95 11.87- 02.95 11.87- 02.95	110206 111046 111640 113468 113759 113855	24 5.4 24 6.6 24 4.0 24 4.0 24 4.0 24 5.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

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		(SM Series)[D0826TOH]	11.87- 02.95	113920	28 35	11.87- 02.95	110206	24 5.4
						11.87- 02.95	111046	24 6.6
						11.87- 02.95	111640	24 4.0
						11.87- 02.95	113468	24 4.0
						11.87- 02.95	113759	24 4.0
						11.87- 02.95	113855	24 5.4
SR 240	11.4	(SR Series)[D2566MUH/240]	05.80- 11.86	111629	28 120	10.75- 06.83	110210	24 6.6
						10.75- 06.83	111046	24 6.6
						10.75- 06.83	112120	24 6.6
						10.75- 06.83	113855	24 5.4
SR 280	11.4	(SR Series)[D2566MTUH]	05.80- 11.86	111629	28 120	01.77- 11.86	110210	24 6.6
			01.84- 11.86	111842	28 140	01.77- 11.86	111046	24 6.6
						01.77- 11.86	112120	24 6.6
						01.77- 11.86	113855	24 5.4
SR 321	11.4	(SR Series)[D2566MKUH]	01.84- 11.86	111842	28 140	03.82- 11.86	110210	24 6.6
						03.82- 11.86	111046	24 6.6
						03.82- 11.86	113855	24 5.4
SU 240	11.4	(SU Series)[D2566MTUH]	06.80- 09.89	111629	28 120	11.82- 01.86	110210	24 6.6
		(SU Series)[D2566MUH]	06.80- 09.89	111629	28 120	11.82- 01.86	111046	24 6.6
		(SU Series)[D2566UH]				10.75- 01.86	110210	24 6.6
						10.75- 01.86	111046	24 6.6
						01.86- 09.89	110210	24 6.6
SU 240	12.0	(SU Series)[D2866TOH]	01.86- 09.89	110895	28 55	01.86- 09.89	110210	24 6.6
			04.88- 09.89	111842	28 140	01.86- 09.89	111046	24 6.6
		(SU Series)[D2866UH]	06.80- 09.89	111629	28 120	01.86- 09.89	110210	24 6.6
						01.86- 09.89	111046	24 6.6
SU 242	12.0	(SU Series)[D2866UH]	04.88- 04.93	111842	28 140	01.87- 04.93	110210	24 6.6
						01.87- 04.93	111046	24 6.6
SU 263	12.0	(SU Series)[D2866LUH25]	09.03-	111842	28 140	09.03-	110206	24 5.4
			09.03-	115492	28 110 A49			
			09.03-	113998	28 110			
SU 272	10.0	(SU Series)[D2865LUH02]	04.93- 05.95	111842	28 140	09.03-	110210	24 6.6
						04.93- 05.95	110206	24 5.4
						04.93- 05.95	110210	24 6.6
SU 283	6.9	(SU Series)[D0836LOH02]	06.04-	111842	28 140	06.04-	110206	24 5.4
			06.04-	113289	28 90	06.04- 09.06	113759	24 4.0
			06.04-	113295	28 55			
SU 292	12.0	(SU Series)[D2866TOH]	04.92- 07.92	110895	28 55	04.92- 04.93	110206	24 5.4
SU 313	12.0	(SU Series)[D2866LUH24]	06.04- 09.06	115492	28 110 A49	06.04-	110210	24 6.6
			09.03-	113998	28 110	06.04-	110206	24 5.4
SU 322	10.0	(SU Series)[D2865LUH08]	05.95- 06.97	111842	28 140	05.95- 06.97	110206	24 5.4
						05.95- 06.97	110210	24 6.6
Various models				114365	28 140		110206	24 5.4
							110210	24 6.6
							112446	24 4.0
							113468	24 4.0
UL 272	10.0	(UL Series)[D2865LUH02]	03.93- 07.94	111842	28 140	03.93- 07.94	110206	24 5.4
		(UL Series)[D2865LUH05]	03.93- 09.95	111842	28 140	03.93- 07.94	110210	24 6.6
UL 292	12.0	(UL Series)[D2866TUH01]	09.89- 03.93	110895	28 55	07.94- 09.95	110206	24 5.4
			11.92- 03.93	111842	28 140	09.89- 03.93	110210	24 6.6
UL 312	10.0	(UL Series)[D2865LUH07]	04.92- 09.96	111842	28 140	09.95- 09.96	110206	24 5.4
		(UL Series)[D2865LUH08]	04.92- 09.96	111842	28 140	09.95- 09.96	110210	24 6.6
						04.92- 09.96	110206	24 5.4
						04.92- 09.96	110210	24 6.6
UL 313	12.0	(UL Series)[D2866LUH20]	09.96- 09.01	111842	28 140	09.96- 09.01	110206	24 5.4
		(UL Series)[D2866LUH26]	09.96- 09.01	111842	28 140	09.96- 09.01	110210	24 6.6
						09.96-	113855	24 5.4
						09.96-	113855	24 5.4
UL 322	10.0	(UL Series)[D2865LUH07]	04.92- 09.96	111842	28 140	04.92- 09.96	110206	24 5.4
		(UL Series)[D2865LUH08]	04.92- 09.96	111842	28 140	04.92- 09.96	110210	24 6.6
						04.92- 09.96	110206	24 5.4
						04.92- 09.96	110210	24 6.6
UL 342	12.0	(UL Series)[D2866UH/240]	11.92- 03.93	111842	28 140	09.89- 03.93	110210	24 6.6
UL 353	12.0	(UL Series)[D2866LUH21]	06.97- 12.01	111842	28 140	06.97- 12.01	110206	24 5.4
						06.97- 12.01	110210	24 6.6
						06.97-	113855	24 5.4
<b>Mariner</b>								
<b>MARINE</b>								
Various models							115740	12
							110648	12 0.7
						01.98- 01.01	113592	12
						01.98- 01.00	113591	12
						01.99- 01.01	112830	12
<b>Marshall</b>								
<b>AGRICULTURE</b>								
D 100	5.2 Diesel	[WD611.88]	01.90- 09.94	113469	14 33			
D 135	6.6 Diesel	[WD612.87]	01.90-	110881	14 55			
			01.90- 09.94	113469	14 33			
D 150	6.6 Diesel	[WD612.86]	01.90-	110881	14 55			
			01.90- 09.94	113469	14 33			
D 642	3.5 Diesel	[WD411.44]	01.90-	110881	14 55			
			01.90- 09.94	113469	14 33			
D 644	3.5 Diesel	[WD411.44]	01.90-	110881	14 55			
			01.90- 09.94	113469	14 33			
D 742	3.5 Diesel	[WD411.90]	01.90-	110881	14 55			
			01.90- 09.94	113469	14 33			
D 744	3.5 Diesel	[WD411.90]	01.90-	110881	14 55			
			01.90- 09.94	113469	14 33			
D 842	3.5 Diesel	[WD411.88]	01.90-	110881	14 55			
			01.90- 09.94	113469	14 33			
D 844	3.5 Diesel	[WD411.88]	01.90-	110881	14 55			
			01.90- 09.94	113469	14 33			
D 944	5.2 Diesel	[WD611.43]	01.90- 09.94	113469	14 33			

**STARTERS & ALTERNATORS**



Various models	01.90-	113469	14	33					
	10.94-	110881	14	55					
<b>Massey Ferguson</b>									
<b>AGRICULTURE</b>									
102					01.73-	115392	12	4.0	
105					01.73-	115392	12	4.0	
152	01.81- 01.89	111948	14	70					
184	01.85- 01.89	110770	14	55	01.85- 01.89	111346	12	2.8	
194	01.82-	111948	14	70					
240 2.5	01.79- 12.88	111948	14	70	01.79- 12.88	110819	12	2.8	
	01.77-	110970	14	65	01.79- 12.88	110439	12	2.0	
245 2.5	01.79- 12.88	111948	14	70	01.72- 12.78	112268	12	2.8	
	01.77-	110970	14	65	01.77- 12.88	110819	12	2.8	
					01.77- 12.88	110439	12	2.0	
254 2.5	01.79- 12.88	111948	14	70	01.73- 12.78	112268	12	2.8	
	Perkins AD3.152 01.77-	110970	14	65	01.82- 01.87	110460	12	2.8	
	01.84-	110770	14	55					
	01.73- 12.88	110178	14	36					
255 2.5	01.77- 12.88	111948	14	70	01.72- 12.78	112268	12	2.8	
	01.77-	110970	14	65	01.77- 12.88	110819	12	2.8	
					01.77- 12.88	110439	12	2.0	
260 3.3	01.77-	110970	14	65					
	01.72- 01.75	111948	14	70					
265	01.81- 12.88	111948	14	70					
	01.70-	110970	14	65					
274 3.9	01.83- 12.88	111948	14	70	01.83- 12.88	110565	12	2.8	
	01.77-	110970	14	65	01.82- 01.86	110460	12	2.8	
	01.84-	110770	14	55					
275	01.77-	110970	14	65					
	01.75- 12.88	111948	14	70					
284 3.9	01.75-	110970	14	65					
	01.79- 12.88	111948	14	70					
285	01.77-	110970	14	65	A13 01.79- 12.88	111346	12	2.8	
	01.79- 12.88	111948	14	70	01.79- 12.88	110442	12	2.1	
290	01.80-	111948	14	70					
294	01.84-	110770	14	55					
298	01.80- 01.86	111948	14	70	01.80-	111346	12	2.8	
					01.80-	110442	12	2.1	
350	01.86- 01.92	110770	14	55	01.86-	110819	12	2.8	
	01.86- 01.92	111355	14	65	01.86- 01.92	110439	12	2.0	
354	01.92- 01.97	111289	14	70					
355	01.86- 01.92	110770	14	55	01.86-	110819	12	2.8	
	01.86- 01.92	111355	14	65	01.86- 01.92	110439	12	2.0	
360	01.87- 01.90	110770	14	55	01.83-	110819	12	2.8	
	01.87- 01.90	111355	14	65					
362	01.88-	111355	14	65					
364	01.92- 01.97	111289	14	70					
365	01.86- 01.90	110770	14	55	A13 01.86- 01.90	111346	12	2.8	
	01.86- 01.90	111355	14	65	01.86- 01.90	110442	12	2.1	
375	01.86- 01.97	110770	14	55	A13 01.86- 01.97	111346	12	2.8	
	01.86- 01.97	111355	14	65	01.86- 01.97	110442	12	2.1	
383	01.86-	110770	14	55	01.83-	111346	12	2.8	
					01.83-	110442	12	2.1	
390	01.86- 01.97	110770	14	55	A13 01.86- 01.97	111346	12	2.8	
	01.86- 01.97	111355	14	65	01.86- 01.97	110442	12	2.1	
398	01.83- 01.84	110770	14	55	A13 01.83- 01.84	111346	12	2.8	
	01.83- 01.84	111355	14	65	01.83- 01.84	110442	12	2.1	
399	01.86- 01.90	110770	14	55	A13 01.86- 01.90	111346	12	2.8	
	01.86- 01.90	111355	14	65	01.86- 01.90	110442	12	2.1	
					01.90- 01.96	111737	12	2.8	
550		110107	14	55	01.74- 01.81	110819	12	2.8	
					01.74- 01.81	110439	12	2.0	
565	01.82- 12.88	110107	14	55					
	01.82- 12.88	111948	14	70					
575	01.81- 12.88	110107	14	55					
	01.81- 12.88	111948	14	70					
685					01.69- 01.71	110443	12	2.1	
698	01.83-	110770	14	55	A13 01.83-	111346	12	2.8	
	01.81-	110107	14	55	01.83-	110442	12	2.1	
699	01.83-	113474	14	65	01.83-	111346	12	2.8	
	01.83-	110770	14	55	01.83-	110442	12	2.1	
1014		111185	14	43	A47				
	01.83-	110770	14	55					
1114	01.84-	110770	14	55					
1134	01.84-	110770	14	55					
1200	[Kohler]	111185	14	43	A47	01.71- 01.79	111737	12	2.8
						01.71- 01.82	110814	12	2.7
1250	01.79-	113474	14	65	01.79-	111346	12	2.8	
2640	04.82-	110970	14	65	01.79- 01.85	112136	12	2.8	
	01.81- 01.85	110107	14	55					
	01.81- 01.85	111948	14	70					
3055	[Perkins]				01.94- 01.97	110615	12	2.8	
3075	[Perkins]				01.94- 01.97	110615	12	2.8	
3085	01.88- 01.93	112722	14	70	01.88-	110443	12	2.1	
					01.92- 01.93	111737	12	2.8	
3085	01.92-	111355	14	65					
3095	01.90-	111355	14	65					
3115	01.90-	111355	14	65					
3120	[Perkins]				01.90- 01.97	110615	12	2.8	
3125	01.90-	111355	14	65					
3140	[Perkins]				01.90- 01.95	110615	12	2.8	
3635 3.3	01.92- 01.95	114808	14	120	01.92- 01.95	110443	12	2.1	
3645	01.89- 01.91	112722	14	70	01.89- 01.91	110615	12	2.8	
	01.86- 01.91	111355	14	65					
3650	01.86- 01.90	110107	14	55	01.86- 01.90	112136	12	2.8	
	01.86- 01.90	111948	14	70					

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

MASSEY FERGUSON *Continued*

3655 3.3		01.90- 01.95	112722	14	70		01.90- 01.95	110615	12	2.8
		01.90- 01.95	114808	14	120		01.90- 01.94	111737	12	2.8
3660	[Perkins]						01.90- 01.95	110615	12	2.8
3670	[Valment]						01.92- 01.94	110615	12	2.8
3680 7.4	[612DS]	06.88-	111355	14	65 LU		06.88-	110615	12	2.8
		06.88-	111948	14	70 PR		06.89- 01.91	111737	12	2.8
3690	[Valment]						01.93- 01.97	110615	12	2.8
3890	[Valment]						01.87- 01.92	110615	12	2.8
4225		01.97-	110770	14	55					
4235		01.97-	110770	14	55					
4240		01.97-	110770	14	55					
4245		01.97-	111355	14	65					
		01.97-	110770	14	55					
4255		01.97- 01.00	111355	14	65		01.97- 01.00	111346	12	2.8
4260		01.97-	110770	14	55					
4265		01.97-	110770	14	55					
4270		01.97-	110770	14	55		01.97-	110565	12	2.8
5425			115777	14	80					
5435			115777	14	80					
5445 4.4	[1104D-E44TA]	01.08-	115777	14	80					
5450 4.4		01.11-	115777	14	80					
5460 4.4		01.11-	115777	14	80					
5610 3.3		01.11-	114808	14	120					
5613 4.4			114808	14	120					
6110		01.92-	113961	14	120					
6120		01.92-	113961	14	120					
6130		01.92-	113961	14	120					
6140		01.92-	113961	14	120					
6150		01.92-	113961	14	120					
6160		01.96-	112722	14	70 LU					
		01.96-	113961	14	120					
6170	[6.365]	01.96-	112722	14	70 LU		01.96-	110615	12	2.8
		01.96-	113961	14	120					
6180	[6.365]	01.96-	112722	14	70 LU		01.96-	110615	12	2.8
		01.96-	113961	14	120					
6190		01.96-	112722	14	70 LU		01.95- 01.98	110615	12	2.8
		01.96-	113961	14	120					
6235			113961	14	120 VA			110439	12	2.0
			114049	14	120 IS					
6245			113961	14	120 VA			110439	12	2.0
			114049	14	120 IS					
6255			113961	14	120 VA			110439	12	2.0
			114049	14	120 IS					
6260			113961	14	120					
6270			113961	14	120 VA		01.99- 01.00	110615	12	2.8
			114049	14	120 IS					
6280		01.99-	113961	14	120 VA		01.99- 01.00	110615	12	2.8
		01.99-	112722	14	70					
		01.99-	114049	14	120 IS					
6290		01.99-	113961	14	120		01.99- 01.00	110615	12	2.8
		01.99-	112722	14	70					
8110		01.96-	113961	14	120					
8120	[6.365]	01.96-	113961	14	120		01.96-	110615	12	2.8
8130		01.96-	113961	14	120					
8140	[6.403]	01.96-	113961	14	120		01.96-	110615	12	2.8
8150	[6.403]	01.96-	113961	14	120		01.96-	110615	12	2.8
8160	[6.451]	01.96-	113961	14	120		01.96-	110615	12	2.8
8170			113961	14	120					
8180			113961	14	120					
8210			113961	14	120		01.99- 01.00	110615	12	2.8
8220			113961	14	120		01.99- 01.00	110615	12	2.8
8240		01.99-	113961	14	120		01.99-	110615	12	2.8
8240			113961	14	120			110615	12	2.8
							01.99-	111737	12	2.8
8250		01.99-	113961	14	120		01.99-	110615	12	2.8
8250		01.99-	113961	14	120		01.99-	110615	12	2.8
							01.99-	111737	12	2.8
8260		01.99-	113961	14	120		01.99-	110615	12	2.8
8260			113961	14	120			110615	12	2.8
							01.99-	111737	12	2.8
8270		01.99-	113961	14	120		01.99-	110615	12	2.8
							01.99-	111737	12	2.8
8280		01.99-	113961	14	120		01.99-	110615	12	2.8
							01.99-	111737	12	2.8
8560			113961	14	120					
8570			113961	14	120					
8590			113961	14	120					
8660 8.4		11.08-	114808	14	120					
8680 8.4		11.08-	114808	14	120					
8690 8.4		11.08-	114808	14	120					
8727 8.4		11.13-	114785	14	175					
8730 8.4		11.13-	114785	14	175					
8732 8.4		11.13-	114785	14	175					
8735 8.4		11.13-	114785	14	175					
390 T		01.91- 01.97	110770	14	55		A13 01.91- 01.97	111346	12	2.8
		01.91- 01.97	111355	14	65		01.91- 01.97	110442	12	2.1
5608 5609 3.3		01.11-	114808	14	120					
5611 5612 4.4		01.11-	114808	14	120					
7624 7626 7.4			114808	14	120					
GC2400 Compact Tractor	[ISEKI 3112]						01.07-	114860	12	1.1
GC2410 Compact Tractor	[ISEKI 3112]						01.07-	114860	12	1.1
GC2600 Compact Tractor	[ISEKI 3112]						01.07-	114860	12	1.1
GC2610 Compact Tractor	[ISEKI 3112]						01.07-	114860	12	1.1
MF 6485 6.6	[66.CTA]		114671	14	120					
			114785	14	175					

## STARTERS & ALTERNATORS



MF 6490 6.6	[66.CTA]		114671	14	120				
			114785	14	175				
MF 6497 6.6	[66.CTA]		114671	14	120				
			114785	14	175				
MF 6499 7.4	[74.CTA]		114671	14	120				
			114785	14	175				
MF 7485 6.6	[66.CTA]		114671	14	120				
MF 7490 6.6	[66.CTA]		114671	14	120				
MF 7495 6.6	[66.CTA]		114671	14	120				
MF 8450 7.4			114671	14	120				
MF 8460 7.4			114671	14	120				
MF 8470 8.4			114671	14	120				
MF 8480 8.4			114671	14	120				
MF480STX			114698	14	175				
Various models		01.51-	114360	14	70	01.90-	114107	12	3.2
			110970	14	65	01.51-	115392	12	4.0
			113961	14	120	01.51-	110818	12	2.1
		01.76- 12.83	112989	14	60	01.68- 01.77	110449	12	3.6
		01.73-	110107	14	55	01.73- 01.81	112313	12	0.5
		01.77-	111948	14	70	01.71- 01.79	111737	12	2.8
		01.79- 01.83	110178	14	36	01.91- 01.94	111012	12	0.5
		01.83- 01.89	110770	14	55	01.69- 01.73	110443	12	2.1
		01.73-	111184	14	43	01.69- 01.77	110615	12	2.8
						01.70-	110565	12	2.8
						01.79-	112136	12	2.8
						01.73- 01.78	111346	12	2.8
						01.69- 01.81	110439	12	2.0
						01.69-	110819	12	2.8
						01.82- 01.92	110460	12	2.8
<b>Matbro</b>									
<b>AGRICULTURE</b>									
Various models							110443	12	2.1
							113269	12	3.0
							110462	12	2.8
							115391	12	4.0
							110442	12	2.1
<b>Mazda</b>									
<b>PASSENGER CARS EU</b>									
2 1.3	[FUJA]	AC	04.03-	114129	14	90			
	(DE)[ZJ-VE]		10.07-	115795	14	90	10.07-	115639	12 1.0
2 1.3 MZR	(DE)[ZJ-VE]		01.10-	115795	14	90	01.10-	115639	12 1.0
2 1.3 BiFuel	(DE)[ZJ46]		05.11- 11.14	115795	14	90	05.11- 11.14	115639	12 1.0
2 1.3 VTi BiFuel	(DE)[ZJ46]		05.11- 11.14	115795	14	90	05.11- 11.14	115639	12 1.0
2 1.4 16V	[FXJA]	AC	04.03-	114129	14	90	04.03-	111906	12 1.1
2 1.4 CD	[F6JA]		04.03-	113912	14	80	04.03-	113905	12 1.4 A49
			04.03-	114128	14	150			
	[F6JB]		04.03-	113912	14	80	04.03-	113905	12 1.4 A49
			04.03-	114128	14	150			
2 1.4 diesel MZR	[Y404]		01.08-	114724	14	150			
2 1.5	(DE)[ZY-DE]		10.07-	115795	14	90	10.07-	115639	12 1.0
	(DE)[ZY-VE]		10.07-	115795	14	90	10.07-	115639	12 1.0
2 1.5 MZR	(DE)[ZY05]		06.11-	115795	14	90	06.11-	115639	12 1.0
	(DE)[ZY66]		06.11-	115795	14	90	06.11-	115639	12 1.0
2 1.6 16V	[FYJA]	AC	04.03-	114129	14	90			
2 1.6 CD MZ	[Y406]		10.08-	114724	14	150	10.08-	113905	12 1.4 A49
			10.08-	114866	14	120			
	[Y646]		10.08-	114724	14	150	10.08-	113905	12 1.4 A49
			10.08-	114866	14	120			
3 1.3	[ZJ-VE]		10.03-	114358	14	110	10.03-	115553	12 1.0
3 1.4	[FXJA]		02.04-	114358	14	110	02.04-	115553	12 1.0
3 1.6	[B6ZE]		10.03-	114358	14	110	10.03-	115553	12 1.0
	[Z6]		02.04-	114358	14	110	02.04-	115553	12 1.0
3 1.6 MZR	(BL)[Z6]		06.09- 12.13	115795	14	90	06.09- 12.13	115639	12 1.0
3 1.6 Diesel MZR-CD	(BL)[Y6]						11.10-	113908	12 1.2 A49
							11.10-	116062	12 1.2
	(BL)						11.10-	113908	12 1.2 A49
	(BL)						11.10-	116062	12 1.2
3 1.6 MZ-CD	(BK)[Y406]		06.06-	113922	14	120	06.06-	113908	12 1.2 A49
			06.06-	115460	14	160	06.06-	116062	12 1.2
3 1.6 MZR-CD	(BL)[Y601]		06.09-	113849	14	150	06.09-	113908	12 1.2 A49
			06.09-	113922	14	120	06.09-	116062	12 1.2
	(BL)[Y642]		06.09-	113922	14	120	06.09-	113908	12 1.2 A49
							06.09-	116062	12 1.2
3 1.6 TD	[Y601]		06.04-	113849	14	150	06.04-	113908	12 1.2 A49
			06.04-	113922	14	120	06.04-	116062	12 1.2
3 1.6 Turbo Di	[Y601]		06.04-	113849	14	150	06.04-	113908	12 1.2 A49
			06.04-	113922	14	120	06.04-	116062	12 1.2
			06.04-	115460	14	160			
3 2.0	(BK)[LF17]		09.03- 06.06	115786	14	90	09.03- 06.06	113795	12 1.0
							10.03-	113795	12 1.0
3 2.0 CD MRZ	(BK12)[RF7J]		12.06-	114111	14	90	12.06-	114059	12 2.3
	(BK14)		12.06-	114111	14	90	12.06-	114059	12 2.3
3 2.2 Diesel MZR-CD	(BL)[R2AA]		06.09-	116011*	14	100			
3 2.2 MZR-CD	(BL)[R2AA]		06.09-	116011*	14	100			
3 2.3 MPS	(BK14)[L3N9]		12.06-	116110*	14	110	12.06- 01.07	113819	12 1.4
5 1.6 CD	(CR19, CW)[Y6]						09.10-	113908	12 1.2 A49
							09.10-	116062	12 1.2
5 1.8	[L823]		03.05-	115786	14	90	03.05-	113795	12 1.0
5 1.8 MZR	(CW)[L850]		02.13-	115786	14	90			
5 2.0	[LFF7]		03.05-	115786	14	90	03.05-	113795	12 1.0
5 2.0 Diesel Di	[RF7J]		06.05-	114111	14	90	06.05-	114059	12 2.3
5 2.0 Diesel Di RF7J	[RF7J]		03.05-	114111	14	90	03.05-	114059	12 2.3
6 1.8	(GG)[L813]		AT 08.02-	115368	14	90			
			AC 08.02-	113348	14	90	08.02-	113795	12 1.0
	(GY)		AT 08.02-	115368	14	90			
			AC 08.02-	113348	14	90	08.02-	113795	12 1.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

MAZDA Continued

6 1.8 MRZ	(GH)[L813]	08.07-	114865	14	100					
6 2.0	(GG)[LF17]	06.02-	113348	14	90		08.02-	113795	12 1.0	
		AT 06.02-	115368	14	90					
		AC 08.02-	113348	14	90					
	(GY)	AT 08.02-	115368	14	90					
		AC 08.02-	113348	14	90		08.02-	113795	12 1.0	
	(GG)[LF18]	08.02-	113348	14	90		06.02-	113795	12 1.0	
		AT 06.02-	115368	14	90					
		AC 06.02-	113348	14	90					
	(GY)	AC 08.02-	113348	14	90		08.02-	113795	12 1.0	
		AT 08.02-	115368	14	90					
	(GG)[LFF7]	03.05-	114865	14	100		03.05-	113795	12 1.0	
	(GY)	03.05-	114865	14	100		03.05-	113795	12 1.0	
6 2.0 MRZ	(GH)[LF17]	08.07-	114865	14	100					
6 2.0 CD MRZ	(GH)[RF7J]	08.07-	114839	14	100		08.07-	114059	12 2.3	
6 2.0 CITD 4x4	(GY)[RF5C]	10.02- 02.05	114112	14	90		10.02- 02.05	114059	12 2.3	
6 2.0 Diesel Di	(GG)[RF5C]	08.00-	114112	14	90		06.02-	114059	12 2.3	
	(GY)	08.02-	114112	14	90		08.02-	114059	12 2.3	
	(GG)[RF7J]	06.05-	114111	14	90		06.05-	114059	12 2.3	
	(GY)	06.05-	114111	14	90		06.05-	114059	12 2.3	
		(GH)[R2BF]	01.10-	116011*	14	100				
6 2.2 Diesel	(GH)[R2AA]	01.10-	116011*	14	100					
6 2.2 Diesel MZR	(GH)[R2BF]	01.10-	116011*	14	100					
6 2.2 MZR-CD	(GH)[R2BF]	01.09-	116011*	14	100					
	(GH)[R2AA]	01.09-	116011*	14	100					
6 2.2 MZR-CD Sport	(GH)[R2AA]	01.10-	116011*	14	100					
6 2.3	(GG)[L3C1]	06.02-	113348	14	90					
		AT 06.02-	115368	14	90					
	(GY)	AT 08.02-	113348	14	90					
		AT 08.02-	115368	14	90					
	(GG)[L3KG]	12.05-	114865	14	100		12.05-	113819	12 1.4	
		12.05-	116110*	14	110					
6 2.3 4WD	(GY)[L3C1]	08.02-	113348	14	90					
		AT 11.02-	115368	14	90					
6 2.5 MRZ	(GH)[L5-VE]	08.07-	114865	14	100					
121 1.1	(DA)[B1]	10.87- 10.90	110136	14	50		10.87- 10.90	110807	12 0.85	
	(DA)[B116]	04.89- 10.90	110136	14	50		04.89- 10.90	110807	12 0.85	
121 1.2	(JA,JB)[DHF]	03.96-	113447	14	70		03.96-	113701	12 1.1	
	(JA,JB)[DHG]						03.96-	113701	12 1.1	
	(DA)[B3]						10.87- 10.90	110807	12 0.85	
121 1.3	[J4T]	03.96-	113447	14	70		03.96-	111131	12 0.8	
							03.96-	113701	12 1.1	
	[JHC]	03.96-	113447	14	70		03.96-	111131	12 0.8	
							03.96-	113701	12 1.1	
	[JJK]	03.96-	113447	14	70		03.96-	113701	12 1.1	
	[JJM]	03.96-	113447	14	70		03.96-	113701	12 1.1	
							AT 11.90- 03.96	110808	12 0.85	
121 1.3 16V	(DB)[B3]					11.90- 03.96	110807	12 0.85		
121 1.8 Diesel	[RTJ]	03.96-	112121	14	70		03.96-	110867	12 1.7	
							A13 03.96-	112290	12 2.2	
323 1.0	(FA)[P]	06.77- 05.80	110133	14	35					
	(FA)[PC]	06.77- 05.80	110133	14	35					
323 1.1	(BD)[E1]	11.80- 10.85	110136	14	50		11.80- 10.85	110149	12 0.9	
	(BF)						08.85- 08.87	110149	12 0.9	
323 1.3	(BG)[B383]						09.89- 06.91	110808	12 0.85	
	(BG)[B3E]						09.89- 07.94	110808	12 0.85	
	(BD)[E3]	11.80- 10.85	110136	14	50		11.80- 10.86	110149	12 0.9	
							11.86- 10.89	110808	12 0.85	
	(BF)	Chas. 400001-	04.87- 05.89	112297	14	60		08.85- 05.89	110808	12 0.85
	(BW)	Chas. 400001-					07.86- 04.90	110808	12 0.85	
	(FA)[T]		01.77- 05.80	110133	14	35				
	(FA)[TC]		01.77- 05.86	110133	14	35				
323 1.3 16V	(BA)[B3]						10.96-	110808	12 0.85	
	(BG)	09.94- 02.97	111807	14	70		09.89- 07.94	110808	12 0.85	
	(BJ)[B3ME]	05.98- 10.00	111384	14	70		06.98- 01.01	111970	12 1.0	
							05.98- 10.00	110808	12 0.85	
323 1.3 i	(BF)[B3E]					06.87- 05.89	110808	12 0.85		
323 1.4	(BF)[B3]	09.87- 10.89	112297	14	60		04.87- 10.89	110808	12 0.85	
	(FA)[U]	01.75- 05.80	110133	14	35					
	(FA)[UC]	01.75- 08.82	110133	14	35					
323 1.5	(BF)[B5]	Chas. 400001-	04.87- 10.89	112297	14	60		11.86- 10.89	110808	12 0.85
	(BW)	Chas. 400001-	01.87- 05.89	112297	14	60		01.87- 05.89	110808	12 0.85
	(BW)[B50]		01.87- 04.90	112297	14	60		01.87- 04.90	110808	12 0.85
	(BW)[B53]		01.87- 04.90	112297	14	60		01.87- 04.90	110808	12 0.85
	(FA)[D5]		04.82- 05.86	112270	14	35				
	(BD)[E5]		06.80- 12.85	110136	14	50		11.80- 12.85	110149	12 0.9
	(BF)	Chas. 400001-	05.87- 05.89	112297	14	60		11.86- 05.89	110808	12 0.85
	(BW)	Chas. 400001-					01.86- 07.87	110808	12 0.85	
323 1.5 16V	(BA)[Z5-DE]	10.96- 08.98	111384	14	70		10.96-	111970	12 1.0	
		10.96-	111807	14	70					
	(BJ)[ZL05]	05.98- 01.01	111384	14	70		05.98-	110149	12 0.9	
							09.98-	110808	12 0.85	
							09.98-	111970	12 1.0	
	(BJ)[ZL06]	09.98- 01.01	111384	14	70		09.98- 01.01	110149	12 0.9	
						09.98- 01.01	110808	12 0.85		
						09.98- 01.01	111970	12 1.0		
323 1.5 i Turbo	(BF)[E5E2]	04.87- 05.89	112297	14	60					
		Chas. 400001-	04.87- 05.89	112297	14	60		10.86- 05.89	110808	12 0.85
323 1.5 i	(BF)[E5E3]	04.87- 05.89	112297	14	60					
		Chas. 400001-	04.87- 05.89	112297	14	60		10.86- 05.89	110808	12 0.85
323 1.6	(BG)[B6]						03.91- 10.94	110808	12 0.85	
	(BW)[B6 (SOHC)]		06.87- 10.95	112297	14	60		09.86- 03.93	110808	12 0.85
	(BF)[B68]		09.87- 10.89	112297	14	60		09.87- 10.89	110808	12 0.85
	(BW)						09.87- 10.89	110808	12 0.85	
	(BG)[B6E]						09.89- 06.91	110808	12 0.85	
323 1.6 4WD	(BW)[B6E]					05.90- 03.93	110808	12 0.85		



323 1.6 GT	(BF)[B6]	Chas. 400001- 05.87- 12.88	112297	14	60	08.85- 12.88	110808	12	0.85
	(BF)[B6 (SOHC)]	Chas. 400001- 05.87- 10.89	112297	14	60	11.86- 10.89	110808	12	0.85
323 1.6 16V	(BG)[B6]					06.89- 10.94	110808	12	0.85
323 1.6 GTi	(BF)[B6]	05.87- 10.89	112297	14	60				
		Chas. 400001- 05.87- 12.88	112297	14	60	01.86- 12.88	110808	12	0.85
323 1.6 Turbo	(BF)[B6T]	10.87- 11.91	112297	14	60				
		Chas. 400001- 10.85- 11.91	112297	14	60	10.85- 11.91	110808	12	0.85
323 1.6 Turbo GT	(BF)[B6]	04.87- 11.91	112297	14	60				
		Chas. 400001- 04.87- 11.91	112297	14	60	10.85- 11.91	110808	12	0.85
323 1.6 Turbo GT 4WD	(BF)[B6]	08.87- 10.89	112297	14	60				
		Chas. 400001- 08.87- 10.89	112297	14	60	08.87- 10.89	110808	12	0.85
	(BF)[B6T]	10.87- 11.91	112297	14	60				
		Chas. 400001- 10.87- 11.91	112297	14	60	10.87- 11.91	110808	12	0.85
323 1.8	(BG)[BP]					04.91- 07.94	110808	12	0.85
323 1.8 4WD	(BG)[BPC]	02.94- 05.94	111807	14	70				
						AT 06.91- 05.94	110810	12	1.4
323 1.8 16V	(BG)[BP]					08.89- 07.94	110808	12	0.85
	(BG)[BP52]					09.91- 07.94	110808	12	0.85
	(BJ)[FP]	09.98-	112067	14	80	09.98- 01.01	111730	12	1.0
323 1.8 16V 4WD	(BG)[BP]					11.91- 12.93	110808	12	0.85
323 1.8 Turbo 16V 4WD	(BG)[BP]	02.94-	111807	14	70	09.90- 07.94	110808	12	0.85
323 1.9 16V	(BJ)[FP]	05.98- 10.00	112067	14	80	05.98- 10.00	111730	12	1.0
323 2.0 Diesel	(BJ)[RF1G]	09.98-	113785	14	80				
323 2.0 TD	(BJ)[RF]					09.98- 01.01	110389	12	2.0
626 1.6	(GC)[F6]					11.82- 09.87	110149	12	0.9
	(GD)[F68]	03.88- 07.91	110664	14	70	06.87- 05.92	110149	12	0.9
						06.87- 05.92	110808	12	0.85
	(CD)[H6]	05.79- 05.82	110307	14	60				
		08.80- 10.82	110134	14	55				
	(CD)[N]	05.79- 08.80	110134	14	55				
		05.79- 05.82	110307	14	60				
	(CD)[NA]	10.78- 12.82	110134	14	55				
		05.79- 05.82	110307	14	60				
	(GD)	06.87- 05.92	110664	14	70	06.87- 05.92	110149	12	0.9
(GD)						06.87- 05.92	110808	12	0.85
626 1.8	(GD)[F8]	09.87- 05.92	110664	14	70	09.87- 05.92	110808	12	0.85
	(GV)	03.88- 03.92	110664	14	70	01.88- 03.92	110808	12	0.85
	(GE)[FP]	08.91- 04.97	111317	14	80	08.91- 04.97	110810	12	1.4
						05.94- 04.97	111730	12	1.0
	(GF)	12.99-	112067	14	80	12.99-	111730	12	1.0
	(GF)[FP9A]	12.99-	112067	14	80	12.99-	111730	12	1.0
	(GF,GW)	01.00-	112067	14	80	01.00-	111730	12	1.0
	(GF)[FPY3]	05.97-	112067	14	80	05.97-	111730	12	1.0
	(GW)	02.98-	112067	14	80	02.98-	111730	12	1.0
							01.92- 04.97	111730	12
626 1.8 i	(GE)[FP]	01.92- 04.97	111317	14	80	01.92- 04.97	110810	12	1.4
626 2.0	(CB)[MA]	10.78- 12.82	110134	14	55				
		05.79- 05.82	110307	14	60				
	(GC)[FE]					03.83- 09.87	110149	12	0.9
	(GD)	09.87- 10.90	110664	14	70	09.87- 10.90	110808	12	0.85
						09.87- 10.90	110810	12	1.4
	(GF)[FS]	05.97-	112067	14	80	05.97-	111730	12	1.0
	(GW)	02.98-	112067	14	80	02.98-	111730	12	1.0
	(GF)[FS2C]	02.98-	112067	14	80	02.98-	111730	12	1.0
	(GW)	02.98-	112067	14	80	02.98-	111730	12	1.0
	(CB)[HE3]	05.79- 05.82	110307	14	60				
		08.80- 10.82	110134	14	55				
	(CB)[M]	05.79- 08.80	110134	14	55				
		05.79- 05.82	110307	14	60				
626 2.0 12V	(GD)[FE]	09.87- 05.92	110664	14	70	09.87- 05.92	110808	12	0.85
						09.87- 05.92	110810	12	1.4
	(GV)	03.88- 03.92	110664	14	70	09.87- 01.90	110808	12	0.85
					09.87- 01.90	110810	12	1.4	
626 2.0 16V	(GD)[FE]	06.87- 05.92	110664	14	70	06.87- 05.92	110808	12	0.85
						07.87- 05.92	110810	12	1.4
	(GV)	01.88- 03.92	110664	14	70	01.88- 03.92	110808	12	0.85
					01.88- 03.92	110810	12	1.4	
626 2.0 8V	(GD)[FE]	09.87- 10.90	110664	14	70	09.87- 10.90	110808	12	0.85
						06.88- 10.90	110810	12	1.4
	(GV)	10.88- 10.90	110664	14	70	10.88- 10.90	110808	12	0.85
					10.88- 10.90	110810	12	1.4	
626 2.0 i	(GE)[FS]	08.91- 04.97	111317	14	80	08.91- 04.94	110810	12	1.4
						05.94- 04.97	111730	12	1.0
						11.94- 02.98	111730	12	1.0
626 2.0 i 4WD	(GE)[FS]	04.92- 04.97	111317	14	80	04.92- 04.94	110810	12	1.4
						05.94- 04.97	111730	12	1.0
						01.83- 06.87	110389	12	2.0
626 2.0 Diesel	(GC)[RF46]					11.94- 02.98	110389	12	2.0
	[RF65]					07.87- 07.91	110389	12	2.0
	(GD)[RF-N]					09.88- 07.91	110389	12	2.0
	(GV)					05.93-	110389	12	2.0
	(GV)[RF-CX]					10.92- 04.97	110389	12	2.0
626 2.0 Diesel Complex	(GE)[RF OH C]					09.99-	110389	12	2.0
626 2.0 Diesel GLX Complex	(GF)[RF3F]					09.99-	110389	12	2.0
626 2.0 TDDi	(GW)	09.99-	113785	14	80	09.99-	110389	12	2.0
626 2.2 12V	(GD)[F2]	11.87- 04.92	110664	14	70	11.87- 04.92	110808	12	0.85
						06.88- 04.92	110810	12	1.4
	(GV)	03.89- 03.92	110664	14	70	03.89- 03.92	110808	12	0.85
					03.89- 03.92	110810	12	1.4	
626 2.2 12V 4WD	(GD)[F2]	09.89- 07.91	110664	14	70	09.89- 07.91	110810	12	1.4
	(GV)					05.91- 11.92	110810	12	1.4
	(GV)[F2L1]	05.91- 10.97	110664	14	70	05.91- 11.92	110808	12	0.85
		04.98-	112067	14	80	05.91- 11.92	110810	12	1.4
626 2.5 24V	(GE)[KL]	01.92- 04.97	111315	14	90	01.92- 04.97	111311	12	1.7
818 1.3	[TC]	01.71- 10.80	110133	14	35				
929 2.0	(HB)[MA]	01.82- 03.84	110134	14	55				
	(HV)	01.83- 12.87	110134	14	55				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



MAZDA Continued

	(LA)	05.79-07.86	110307	14	60				
	Chas. LA4	05.79-12.81	110134	14	55				
	(HB)[FE]					03.84-07.87	110149	12	0.9
	(HB)[HEE]	05.82-03.84	110134	14	55				
	(HV)	01.83-12.87	110134	14	55				
		01.83-12.87	110307	14	60				
	(LA)[M]	05.79-07.86	110307	14	60				
	Chas. LA4	05.79-12.81	110134	14	55				
929 2.0 8V	(HB)[FE]					03.84-07.87	110149	12	0.9
929 2.0 i	(HB)[FET]					10.84-07.87	110149	12	0.9
929 2.0 i GLX	(HB)[FE]					10.84-07.87	110149	12	0.9
929 2.2	(HC)[F2]	01.88-12.89	110662	14	65	01.88-	110810	12	1.4
	(HC)[F21]	12.86-12.89	110662	14	65	09.87-	110810	12	1.4
	(HC)[F2E]	01.88-12.89	110662	14	65	01.88-	110810	12	1.4
929 2.2 12V	(HC)[F2-C]					04.89-06.91	110810	12	1.4
929 2.2 i	(HC)[F2-EG1]					05.87-12.88	110810	12	1.4
1000 1.0	[PC]	01.75-01.77	110133	14	35				
1300 1.3	[TC]	01.75-01.77	110133	14	35				
323 C 1.4 16V	(BA)[B3]	08.94-02.97	111807	14	70				
		10.96-10.98	111384	14	70	08.94-	110808	12	0.85
323 C 1.5 16V	(BA)[Z5-DE]	08.94-02.97	111807	14	70				
		02.97-	111384	14	70	08.94-	110808	12	0.85
323 C 1.8	(BA)[BPZE]	08.94-02.97	111807	14	70	09.96-	111970	12	1.0
		02.97-	111384	14	70	08.94-08.96	110808	12	0.85
323 F 1.4	(BJ)[B3]	01.01-	111384	14	70	01.01-	110149	12	0.9
323 F 1.5 16V	(BA)[Z5-DE]	07.94-02.97	111807	14	70				
		02.97-	111384	14	70	07.94-	110808	12	0.85
323 F 1.6	(BJ)[ZM]	01.01-	112067	14	80	01.01-	110808	12	0.85
						01.01-	111970	12	1.0
323 F 1.8 16V	(BG)[BP31]					09.89-03.93	110808	12	0.85
	(BA)[BPZE]	08.94-02.97	111807	14	70	09.96-	111970	12	1.0
		02.97-	111384	14	70	08.94-08.96	110808	12	0.85
323 F 2.0	(BJ)[FS7E]	01.01-	112067	14	80	01.01-	111730	12	1.0
	(BJ)[FS7G]	01.01-	112067	14	80	01.01-	111730	12	1.0
323 F 2.0 24V	(BA)[KF]	08.94-	111315	14	90	08.94-	111311	12	1.7
323 F 2.0 TD	(BJ)[RF4F]	01.01-	113785	14	80				
323 S 1.4 16V	(BA)[B3]	08.94-02.97	111807	14	70				
		10.96-10.98	111384	14	70	08.94-	110808	12	0.85
	(BJ)	01.01-	111384	14	70	01.01-	110808	12	0.85
323 S 1.5 16V	(BA)[Z5-DE]	08.94-02.97	111807	14	70				
		10.96-09.98	111384	14	70	08.94-	110808	12	0.85
323 S 1.6	(BJ)[ZM]	01.01-	112067	14	80	01.01-	110808	12	0.85
						01.01-	111970	12	1.0
323 S 1.8 16V	(BA)[BPZE]	08.94-02.97	111807	14	70	09.96-	111970	12	1.0
		02.97-	111384	14	70	08.94-08.96	110808	12	0.85
323 S 2.0	(BJ)[FS7E]	01.01-	112067	14	80	01.01-	111730	12	1.0
	(BJ)[FS7G]	01.01-	112067	14	80	01.01-	111730	12	1.0
B 1600 1.6		02.77-09.78	110133	14	35				
B 1800 1.8	[H816]	10.81-08.85	112270	14	35				
		02.77-	110133	14	35				
			112270	14	35				
B 2000 2.0						01.85-12.91	110149	12	0.9
B 2200 2.2 8V 4WD	(UN)[JL22]					06.99-	110808	12	0.85
B 2200 2.2 Diesel	[R290]					12.89-03.96	110389	12	2.0
B 2500 2.5 Diesel	(UN)[MD25NA]	06.99-	114120	14	75	06.99-	113702	12	2.2
	(UF)[WL]	02.96-06.99	112352	14	70				
	(UN)[WLE7]	12.02-	114120	14	75				
	Chas. 010301-	09.01-	112352	14	70	12.02-	113702	12	2.2
B 2500 2.5 Diesel 4WD	[MD25NA]	06.99-	112352	14	70	06.99-	113702	12	2.2
		06.99-	114120	14	75				
	(UF)[WL]	12.96-06.99	112352	14	70	02.96-06.99	113702	12	2.2
	(UN)[WLE7]	12.02-	114120	14	75				
	Chas. -010301	09.01-	112352	14	70	12.02-	113702	12	2.2
B 2500 2.5 TD 4WD	[MD25T1]	06.99-	114120	14	75	06.99-	113702	12	2.2
B 2600 2.6 4WD	(UF)[LG54]	01.87-10.89	110318	14	50	01.87-11.89	110811	12	1.2
B 2600 2.6 12V 4WD	(UN)[JK26]	01.87-10.90	110318	14	50				
BT-50 2.5 Diesel 4WD	[WLA4]	12.06-	112352	14	70	12.06-	113702	12	2.2
CX-7 2.2 Diesel AWD MZR-CD	(ER)[R2AA]	01.12-	116011*	14	100				
CX-7 2.2 MZR-CD	[R2AA]	09.09-	116011*	14	100				
CX-7 2.3 DiSi Turbo MZR	[L3-VDT]	10.07-	116110*	14	110	10.07-	113819	12	1.4
CX-7 2.3 MZR-DiSi	[L3-VDT]	09.09-	116110*	14	110				
Demio 1.3 16V	(DW)[B3]					08.98-	110808	12	0.85
	(DW)[B3ME]					08.98-	110808	12	0.85
Demio 1.5 16V	(DW)[B5E]	04.00-	111384	14	70	04.00-	111970	12	1.0
E 1600 1.6	[NA]	01.78-03.81	110133	14	35				
		04.81-	110134	14	55				
		04.81-06.84	112270	14	35				
E 2000 2.0	(SR2)[FE]					06.94-	110808	12	0.85
	(SR)[FE18]	11.84-02.88	110134	14	55	11.84-02.88	110149	12	0.9
	(SR2)	05.85-08.88	110134	14	55	05.85-04.89	110149	12	0.9
		05.85-04.89	110307	14	60				
	(SR2)[FE58]	05.85-08.88	110134	14	55	05.85-04.89	110149	12	0.9
		05.85-04.89	110307	14	60				
	(SR2)[FE60]					03.91-05.94	110808	12	0.85
	(SR2)[FE61]					03.91-05.94	110808	12	0.85
	(SR)[FEV4]	11.84-02.88	110134	14	55	11.84-02.88	110149	12	0.9
E 2000 2.0 4WD	(SR1)[FEBN]					10.88-09.89	110149	12	0.9
E 2200 2.2 Diesel	(SR)[R203]	01.84-02.88	110699	14	50	01.84-02.88	110389	12	2.0
		01.84-02.88	110706	14	60				
	(SR2)	03.91-	110699	14	50	03.91-	110389	12	2.0
		03.91-	110706	14	60				
	(SR)[R207]	01.84-02.88	110699	14	50	01.84-02.88	110389	12	2.0
		01.84-02.88	110706	14	60				
	(SR2)	03.91-	110699	14	50	03.91-	110389	12	2.0
		03.91-	110706	14	60				



E 2200 2.2 Diesel 4WD	(SR2)[R203]	03.91-	110699	14 50		03.91-	110389	12 2.0	
		03.91-	110706	14 60					
	(SR2)[R207]	03.91-	110699	14 50		03.91-	110389	12 2.0	
		03.91-	110706	14 60					
E 2700 2.7 Diesel	[XB]					01.77-	114439	12 2.7	
E 3500 3.5 Diesel	[SL]					01.83- 12.90	114439	12 2.7	
MPV 2.0	(LW)[FS]					08.00- 07.02	111730	12 1.0	
MPV 2.0 i 16V	(LW)[FS-DS]					06.99- 04.02	111730	12 1.0	
MPV 2.0 Diesel Di	(LW)[RF5C]	07.02-	114112	14 90		07.02-	114059	12 2.3	
MPV 2.5 V6	(LW)[GY-DE]	09.99- 03.02	114356	14 100					
MPV 2.5 TD	[WLT]	05.96- 09.99	113785	14 80		05.96- 09.99	113702	12 2.2	
MX-3 1.6	(EC)[B69]	07.91-	111237	14 70		07.91-	110808	12 0.85	
MX-3 1.6 i	(EC)[B6D]	05.91-	111237	14 70		01.94-	110808	12 0.85	
		01.94-	111807	14 70					
MX-3 1.8 i V6	(EC)[K819]	01.92- 01.94	111315	14 90		01.92- 01.94	111311	12 1.7	
		(EC)[K838]	05.91-	111315	14 90	01.94-	111311	12 1.7	
MX-5 1.6	(NA)[B6]	01.95- 11.97	111342	14 60		01.95-	112215	12 0.95	
		(NA)[B64F]	08.89- 11.97	111342	14 60	05.90- 01.94	112215	12 0.95	
MX-5 1.6 16V	(NB)[B6D]	05.98- 10.05	111807	14 70		05.98- 04.01	111970	12 1.0	
		05.98-	112067	14 80					
MX-5 1.8	(NA)[BPF1]	02.94- 04.98	111807	14 70		02.94- 04.98	112215	12 0.95	
	(NC)[L828]	03.05-	114865	14 100		03.05-	115599	12 1.4	
	(NC)[L8-DE]	03.05-	114865	14 100		03.05-	115599	12 1.4	
MX-5 1.8 16V	(NB)[BPD]	11.00-	112067	14 80		11.00-	111970	12 1.0	
	(NB)[BPZE]	08.00-	112067	14 80					
		12.94- 11.97	111807	14 70					
		01.98- 08.00	111384	14 70		05.98- 10.05	110149	12 0.9	
MX-5 1.9 16V	(NB)[BPD]	11.00-	112067	14 80		11.00-	111970	12 1.0	
MX-5 2.0	(NC)[LF62]	03.05-	114865	14 100		03.05-	115599	12 1.4	
	(NC)[LF-DE]	03.05-	114865	14 100		03.05-	115599	12 1.4	
MX-6 2.0	(GE)[FS]	04.91-	111315	14 90		02.92-	110810	12 1.4	
		04.91-	111317	14 80					
MX-6 2.5 24V	(GE)[KL]	07.91-	111315	14 90		02.92-	111311	12 1.7	
		07.91-	111317	14 80					
MX-6 2.5 i 24V	(GE)[KL]	08.94-	111315	14 90					
		08.94-	111317	14 80					
Premacy 1.8	(CP)[FP]	07.99-	112067	14 80		03.99-	111730	12 1.0	
Premacy 2.0	(CP)[FS7E]					11.01-	111730	12 1.0	
	(CP)[FS7G]	11.01-	112067	14 80		11.01-	111730	12 1.0	
RX-7 1.1	(SA)[12AN2]	05.79- 05.81	110307	14 60					
		03.84- 03.86	110134	14 55					
		01.81- 03.84	110134	14 55					
RX-8 2.6	(SE)[13B-MSP]	10.03- 06.12	115797	14 100					
T 3500 3.5 Diesel	[SL-T]					01.87- 12.92	114439	12 2.7	
						01.84- 12.97	114439	12 2.7	
Tribute 2.0 4WD	(EP)[YF]					03.00-	112340	12 1.4	
Tribute 3.0 V6 24V 4WD	[AJ]					03.00-	111374	12 1.5	
Various models						01.85-	110149	12 0.9	
Xedos 6 1.6 16V	(CA)[B6]	06.94-	111807	14 70		06.94-	112215	12 0.95	
		(CA)[B69]	08.92- 05.94	111237	14 70	08.92- 05.94	110808	12 0.85	
						01.92-	111311	12 1.7	
Xedos 6 2.0 i	(CA)[KF1]	01.92- 05.94	111315	14 90		01.92- 05.94	111311	12 1.7	
Xedos 9 2.0 24V	[KF]	08.93-	111315	14 90		08.93- 01.00	111311	12 1.7	
Xedos 9 2.3 i	(TA)[KJ-ZEM]					02.95- 01.00	111311	12 1.7	
Xedos 9 2.5 24V	(TA)[KL]					07.93-	111311	12 1.7	
Xedos 9 2.5 V6	(TA)[KL]	07.00-	112067	14 80					
PASSENGER CARS US									
3 2.0						01.04- 01.07	113795	12 1.0	
3 2.0 I						01.04- 01.07	113795	12 1.0	
323 1.6		01.88- 01.89	112297	14 60		01.86- 01.94	110149	12 0.9	
323 1.6 DX						01.92- 01.94	110149	12 0.9	
323 1.6 SE						01.90- 01.93	110149	12 0.9	
323 1.8 DX						01.90- 01.91	110149	12 0.9	
323 1.8 LX						01.90- 01.91	110149	12 0.9	
626 2.0						01.99- 01.01	110810	12 1.4	
						01.83- 01.87	110389	12 2.0	
						01.83- 01.87	110149	12 0.9	
626 2.0 DX						01.93- 01.98	110810	12 1.4	
626 2.0 ES						01.02- 01.02	110810	12 1.4	
626 2.0 LX						01.93- 01.02	110810	12 1.4	
626 2.0 Turbo						01.86- 01.87	110149	12 0.9	
						01.86- 01.87	110389	12 2.0	
626 2.0						01.84- 01.85	110149	12 0.9	
						01.84- 01.85	110389	12 2.0	
626 2.2		01.88- 01.92	110664	14 70		01.88- 01.92	110810	12 1.4	
626 2.2 DX		01.90- 01.92	110664	14 70		01.90- 01.92	110810	12 1.4	
626 2.2 LE		01.91-	110664	14 70		01.91-	111311	12 1.7	
626 2.2 LX		01.90- 01.92	110664	14 70		01.90- 01.92	110810	12 1.4	
626 2.2 Turbo		01.88- 01.91	110664	14 70		01.88- 01.91	110810	12 1.4	
626 2.2 Turbo GT		01.90- 01.91	110664	14 70		01.90- 01.91	110810	12 1.4	
626 2.5		01.99- 01.00	111315	14 90		01.99- 01.01	111311	12 1.7	
626 2.5 ES		01.93- 01.98	111315	14 90		01.93- 01.02	111311	12 1.7	
626 2.5 LX		01.94- 01.98	111315	14 90		01.94- 01.02	111311	12 1.7	
B2000 2.0		01.82- 01.84	112270	14 35		01.86- 01.87	110149	12 0.9	
B2200 2.2						01.87- 01.93	110149	12 0.9	
						01.87- 01.93	110810	12 1.4	
B2200 2.2						01.82- 01.84	110578#	12 2.0	
B2300 2.3		01.94- 01.97	111199	14 95		01.94- 01.97	113222	12 1.4	
B2500 2.5		01.98- 01.01	111199	14 95					
B2600 2.6		01.87- 01.88	110805	14 45		01.87- 01.88	110811	12 1.2	
B3000 3.0		01.94- 01.03	111199	14 95					
B4000 4.0		01.94- 01.00	111199	14 95		01.94- 01.97	112030#	12 1.4	
		01.98- 01.00	111200	14 130					
GLC 1.5		01.81- 01.85	110136	14 50		01.81- 01.85	110149	12 0.9	
Miata 1.6		01.90- 01.93	111342	14 60		01.90- 01.93	112215	12 0.95	

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





**MAZDA Continued**

Miata 1.8		01.94- 01.00	111807	14 70		01.99- 01.02	111970	12 1.0	
						01.94- 01.97	112215	12 0.95	
Miata 1.8 LS						01.02- 01.03	111970	12 1.0	
MX-3 1.6		01.94- 01.95	111807	14 70		01.92- 01.95	110149	12 0.9	
		01.92- 01.93	111237	14 70					
MX-3 1.6 Precedia		01.95- 01.95	111807	14 70		01.95- 01.95	110149	12 0.9	
MX-3 1.8		01.92- 01.94	111315	14 90		01.92- 01.94	111311	12 1.7	
MX-3 1.8 GS		01.92- 01.94	111315	14 90		01.92- 01.94	111311	12 1.7	
MX-6 2.0						01.93- 01.95	110810	12 1.4	
MX-6 2.0 RS						01.96- 01.97	110810	12 1.4	
MX-6 2.2		01.88- 01.92	110664	14 70		01.88- 01.92	110810	12 1.4	
MX-6 2.2 DX		01.91- 01.92	110664	14 70		01.91- 01.92	110810	12 1.4	
MX-6 2.2 LX		01.91- 01.92	110664	14 70		01.91- 01.92	110810	12 1.4	
MX-6 2.2 Turbo		01.92- 01.92	110664	14 70		01.92- 01.92	110810	12 1.4	
MX-6 2.2 Turbo GT		01.88- 01.92	110664	14 70		01.88- 01.92	110810	12 1.4	
MX-6 2.5 LS		01.93- 01.97	111315	14 90		01.93- 01.97	111311	12 1.7	
Navajo 4.0 DX		01.92- 01.94	111199	14 95		01.92- 01.94	112030#	12 1.4	
						01.92- 01.94	111844	12 1.4	
Navajo 4.0 LX		01.91- 01.94	111199	14 95		01.91- 01.94	112030#	12 1.4	
						01.91- 01.94	111844	12 1.4	
Portege 1.5 DX		01.96- 01.97	111807	14 70		01.96- 01.97	110149	12 0.9	
Portege 1.5 LX		01.96- 01.97	111807	14 70		01.96- 01.97	110149	12 0.9	
Portege 1.8 DX						01.91- 01.94	110149	12 0.9	
						01.91- 01.94	110810	12 1.4	
Portege 1.8 ES		01.97- 01.97	111384	14 70		01.95- 01.97	111970	12 1.0	
						01.95- 01.96	110149	12 0.9	
Portege 1.8 GT						01.90- 01.91	110810	12 1.4	
						01.90- 01.91	110149	12 0.9	
Portege 1.8 LX						01.90- 01.94	110810	12 1.4	
						01.90- 01.94	110149	12 0.9	
Portege 1.8 S						01.95- 01.95	111970	12 1.0	
						01.95- 01.95	110149	12 0.9	
Portege 1.8 SE						01.90- 01.90	110149	12 0.9	
						01.90- 01.90	110810	12 1.4	
Protege 1.5		01.95- 01.95	111807	14 70		01.95- 01.95	110149	12 0.9	
Protege 1.5 DX		01.98- 01.98	111384	14 70		01.98- 01.98	110149	12 0.9	
Protege 1.5 LX		01.98- 01.98	111384	14 70		01.98- 01.98	110149	12 0.9	
Protege 1.6		01.99- 01.01	111384	14 70		01.01- 01.01	111730	12 1.0	
						01.99- 01.01	110149	12 0.9	
						01.99- 01.00	111970	12 1.0	
Protege 1.8		01.99- 01.00	112067	14 80		01.99- 01.00	111730	12 1.0	
Protege 1.8 4WD						01.90- 01.91	110149	12 0.9	
						01.90- 01.91	110810	12 1.4	
Protege 1.8 ES		01.98- 01.98	111384	14 70		01.98- 01.98	111970	12 1.0	
Protege 2.0		01.01- 01.01	112067	14 80		01.01- 01.01	111730	12 1.0	
Protege 2.0 5		01.02- 01.03	112067	14 80		01.02- 01.02	111730	12 1.0	
Protege 2.0 DX		01.02-	112067	14 80					
Protege 2.0 ES		01.02- 01.03	112067	14 80		01.02- 01.03	111730	12 1.0	
Protege 2.0 LX		01.02- 01.03	112067	14 80		01.02- 01.03	111730	12 1.0	
Protege 2.0 MP3		01.01- 01.02	112067	14 80		01.01- 01.02	111730	12 1.0	
Protege 2.0 Turbo Mazda Speed		01.03- 01.03	112067	14 80					
RX-7 1.1		01.79- 01.85	110134	14 55					
RX-7 1.3 Turbo		01.88-	110134	14 55		01.93- 01.95	111311	12 1.7	
Tribute 2.0		01.01- 01.01	112958	14 110		01.01- 01.01	112340	12 1.4	
		01.01- 01.01	112961	14 110					
Tribute 2.0 DX		01.02- 01.03	112958	14 110		01.02- 01.03	112235	12 1.4	
						01.02- 01.03	112340	12 1.4	
Tribute 3.0		01.01- 01.01	112961	14 110		01.01- 01.01	111374	12 1.5	
Tribute 3.0 DX		01.02-	112961	14 110					
Tribute 3.0 ES		01.02- 01.03	112961	14 110		01.02- 01.03	111374	12 1.5	
Tribute 3.0 LX		01.02- 01.03	112961	14 110		01.02- 01.03	111374	12 1.5	
<b>PASSENGER CARS AO</b>									
2 1.3 L	(B2W)	AC 04.03-	114129	14 90					
2 1.5	(B2W)	AC 04.03-	114129	14 90					
2 1.5 i	(DE)[ZY-DE]					05.10-	115639	12 1.0	
3 2.3	(BK12)[L3-VE]					01.04- 01.07	113819	12 1.4	
	(BK12)					01.04- 09.04	113819	12 1.4	
3 2.3 MZR	(BK14)					01.04- 09.04	113819	12 1.4	
3 2.3 DiSi	(BK14)					06.06- 01.07	113819	12 1.4	
3 2.3 MPS Turbo	(BL)[L3KG]	06.09-	116110*	14 110					
B-Serie 2.2 Diesel	(UF)					01.84-	110389	12 2.0	
	(UF)					01.82- 01.85	110578#	12 2.0	
B-Serie 2.5 Diesel	(UN)					11.99- 12.01	112600	12 1.4	
B-Serie 2.5 Diesel 4x4	(UN)					11.99- 07.02	112600	12 1.4	
B-Serie 2.6 4x4	(UF)[G6]					01.85- 11.89	110811	12 1.2	
MX-5 1.8	(NA)[BPF1]					08.93- 11.97	112215	12 0.95	
	(NB)					11.00-	111970	12 1.0	
Xedos 9 2.0	(TA)	08.98- 08.00	111315	14 90					
<b>MOTORS</b>									
HA Diesel			114415	14 50					
XA Diesel			114415	14 50					
<b>Mc Cormick</b>									
<b>AGRICULTURE</b>									
MTX	[Perkins]						114777	12 3.0	
Various models							114107	12 3.2	
<b>Mercedes-Benz</b>									
<b>PASSENGER CARS EU</b>									
100 2.4 Diesel	(631)[OM616]	12.90- 02.96	110358	14 55		12.90- 12.94	110368	12 2.3	
		12.90- 02.96	110968	14 70					
		12.90- 02.96	111149	14 80		09.02-	113855	24 5.4	
	(631)[OM616.963]	12.90-	110358	14 55		12.90- 02.96	110368	12 2.3	
		12.90-	111149	14 80					
	(631.340)	09.87- 01.96	110358	14 55		12.90- 02.96	110368	12 2.3	
		09.87- 01.96	111149	14 80					
190 2.0	(201)[M102.921]	10.82- 08.86	110358	14 55					
		10.82- 08.86	110923	14 55		10.82- 05.85	110862	12 1.5	



	(201)[M102.924]	09.84- 08.86	110358	14 55		06.85- 05.90	111347	12 1.2
		09.84- 05.90	110923	14 55		09.84- 05.85	110862	12 1.5
		04.85- 08.90	111093	14 70				
		PS 01.86- 05.90	111093	14 70				
190 2.0 Diesel	(201)[OM601.911]	08.83- 08.93	110923	14 55		08.83- 08.93	111065	12 2.2
		04.85- 08.93	111093	14 70		10.81- 03.91	113855	24 5.4
190 2.5 Diesel	(201)[OM602.911]	04.85- 08.93	110923	14 55		04.85- 08.93	111065	12 2.2
		04.85- 08.93	111093	14 70				
190 2.5 TD	(201)[OM602.961]	02.88- 08.93	110923	14 55		02.88- 08.93	111065	12 2.2
		02.88- 08.93	111093	14 70				
200 1.8 Kompressor	(209)[M271.940]	09.02-	113877	14 120		09.02-	113513	12 1.1
200 1.8 CGI	(209)[M271.942]	07.03-	113877	14 120		05.02-	113513	12 1.1
200 2.0	(123)[M102.920]	06.80- 11.85	110358	14 55		06.80- 11.85	110862	12 1.5
	(124)[M102.922]	12.84- 06.93	110923	14 55		09.85- 05.90	111347	12 1.2
		04.85- 06.93	111093	14 70				
	(123)[M102.939]	06.80- 11.85	110358	14 55		06.80- 11.85	110862	12 1.5
	(115)[M115.923]	02.75- 01.77	110358	14 55		01.68- 01.77	110869	12 1.5
	(115)[M115.926]	02.75- 01.77	110358	14 55		01.68- 01.77	110869	12 1.5
	(123)[M115.938]	02.76- 08.80	110358	14 55		02.76- 08.80	110869	12 1.5
	(123)[M115.939]	02.76- 08.80	110358	14 55		02.76- 08.80	110869	12 1.5
200 2.0 Kompressor	(208)[M111.956]	06.97-	112529	14 90		06.00- 06.02	111347	12 1.2
200 2.0 Diesel	(124)[OM601.912]	12.84- 06.93	110923	14 55		12.84- 06.93	111065	12 2.2
		04.85- 06.93	111093	14 70				
	(115)[OM615.913]	02.75- 01.77	110358	14 55		01.68- 01.77	110368	12 2.3
	(123)[OM615.940]	02.76- 11.85	110358	14 55		07.76- 11.85	110368	12 2.3
200 2.0 TD	(124)[OM601.912]	12.84- 06.93	110923	14 55		09.85- 08.91	111065	12 2.2
		04.85- 06.93	111093	14 70				
206 2.2 Diesel	(601)[OM615.917]					02.73- 12.77	110775	12 1.8
	(601)[OM615.937]					02.73- 12.77	110775	12 1.8
	(601)[OM615.939]					02.73- 12.77	110775	12 1.8
207 2.4 Diesel	(601)[OM616.917]	04.77- 12.82	110358	14 55		04.77- 12.82	110368	12 2.3
	(601)[OM616.934]	04.77- 12.82	110358	14 55		04.77- 12.82	110368	12 2.3
	(601)[OM616.937]	06.82- 01.90	110358	14 55		12.77- 01.90	110368	12 2.3
	(601)[OM616.939]	06.82- 01.90	110358	14 55		06.82- 01.90	110368	12 2.3
208 2.1 CDI	(901,902)[OM611.987]	04.00-	112197	14 115		04.00-	111851	12 2.0
		04.00-	112425	14 150				
		04.00- 05.06	113889	14 90				
		04.00- 05.06	115485	14 90	A49			
208 2.3	(601)[M115.955]	05.77- 12.82	110358	14 55		05.77- 12.82	110869	12 1.5
	(601)[M115.972]	05.77- 12.82	110358	14 55		05.77- 12.82	110869	12 1.5
208 2.3 Diesel	(601)[OM601.940]	10.88- 02.96	111093	14 70				
		10.88- 02.96	113768	14 95				
		11.88- 06.95	111883	14 115				
	PS Eng. 281647-	10.88- 06.95	112529	14 90				
	PS	10.88- 06.95	110923	14 55				
	Eng. 281647-	11.88- 06.95	112529	14 90				
	Eng. -281646	10.88-	112734	14 80				
	ACPS	10.88- 06.95	110923	14 55				
	AC, PS, Eng. 281647-	10.88- 06.95	112529	14 90				
	AC, Eng. 281647-	10.88- 06.95	112529	14 90				
	AC	10.88- 06.95	110923	14 55		10.88- 06.95	113389	12 2.2
209 3.0 Diesel	(601)[OM617.913]	12.82- 01.90	110358	14 55	▲	12.82- 01.90	110368	12 2.3
210 2.3	(601)[M102.942]	04.77- 10.89	110358	14 55				
		04.77- 10.89	110923	14 55				
		04.77- 10.89	111093	14 70				
		04.77- 10.89	112734	14 80				
		Eng. 102945-	04.85- 06.95	110923	14 55			
		Eng. 102945-	04.85- 06.95	111093	14 70			
		Eng. -102942	07.82- 03.85	110358	14 55	04.77- 01.90	110862	12 1.5
		Eng. -016466	07.82- 01.90	112734	14 80			
		AT, Eng. -002087	07.82- 01.90	112734	14 80			
	(601)[M102.945]	04.85- 06.95	110923	14 55		10.87- 06.95	110862	12 1.5
		04.85- 06.95	111093	14 70				
		05.89- 06.95	111149	14 80				
		Eng. -016466	10.87-	112734	14 80			
		AT, Eng. -002087	10.87-	112734	14 80			
	(601)[M102.946]					07.82- 01.90	110862	12 1.5
						07.82- 02.96	111347	12 1.2
	(601)[M115.955]	04.77- 10.89	110358	14 55		04.77- 10.89	110862	12 1.5
		04.77- 10.89	110923	14 55				
		04.77- 10.89	111093	14 70				
		04.77- 10.89	112734	14 80				
210 2.9 Diesel	(601)[OM602.940]	10.88- 06.95	110923	14 55				
		10.88- 02.96	111093	14 70				
		10.88- 06.95	112734	14 80				
		10.88- 02.96	113768	14 95				
		Eng. 277089-	11.88- 06.95	112529	14 90			
		Eng. -277088	11.88-	112734	14 80			
		ACPS	10.88- 06.95	110923	14 55	10.88- 06.95	113389	12 2.2
		AC, PS, Eng. 277089-	10.88- 06.95	112529	14 90			
211 2.1 CDI	(901,902)[OM611.981]	04.00-	112197	14 115		04.00-	111851	12 2.0
		04.00-	112425	14 150				
		04.00- 05.06	113889	14 90				
		04.00- 05.06	115485	14 90	A49			
213 2.1 CDI	(901,902)[OM611.981]	04.00-	112197	14 115		04.00-	111851	12 2.0
		04.00-	112425	14 150				
		04.00- 05.06	113889	14 90				
		04.00- 05.06	115485	14 90	A49			
216 2.7 CDI	(901,902)[OM612.981]	04.00-	112197	14 115		04.00-	111851	12 2.0
		04.00-	112425	14 150		04.00-	112440	12 2.2
		04.00- 05.06	113889	14 90				
		04.00- 05.06	115485	14 90	A49			
220 2.2	(115)[M115.920]					01.68- 07.73	110869	12 1.5
	(115)[M115.924]					01.68- 07.73	110869	12 1.5
220 2.2 Diesel	(115)[OM615.912]	01.68- 01.77	110358	14 55		01.68- 01.77	110368	12 2.3
	(123)[OM615.941]	01.76- 03.81	110358	14 55		01.76- 03.79	110368	12 2.3

## STARTERS & ALTERNATORS

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## MERCEDES-BENZ Continued

230 2.3	(123)[M115.954]	02.76- 03.81	110358	14 55	02.76- 03.81	110869	12 1.5
230 2.3 Kompressor	(208)[M111.982]	06.00- 06.02	113301	14 90			
		06.97-	112529	14 90	06.00- 06.02	111347	12 1.2
240 2.4 Diesel	(123)[OM616.912]	02.76- 11.85	110358	14 55	02.76- 11.85	110368	12 2.3
	(115)[OM616.916]	07.73- 12.77	110358	14 55	08.73- 01.77	110368	12 2.3
240 2.4 TD	(123)[OM616.912]	02.76- 12.85	110358	14 55	09.77- 12.85	110368	12 2.3
240 2.6	(209)[M112.912] (C209)	06.02-	113302	14 120	05.02-	113282	12 1.4
		06.02- 05.09	113302	14 120	06.02- 05.09	113282	12 1.4
					06.02- 05.09	114178	12 1.4
240 3.0 Diesel	(115)[OM617.910]	07.73- 12.77	110358	14 55	08.74- 11.76	110368	12 2.3
250 2.2 Diesel	(W166)[OM651.960]	04.15-	114876	14 180	04.15-	114742	12 1.8
	(R172)[OM651.980]	01.16-	114876	14 180	01.16-	114305	12 1.7
250 2.5	(114)[M114.920]	01.68- 08.72	110358	14 55	01.68- 08.72	110869	12 1.5
	(123)[M123.921]	02.76- 07.85	110358	14 55	09.79- 07.85	110838	12 1.5
					02.76- 10.79	110869	12 1.5
250 2.5 Diesel	(124)[OM602.912]	04.85- 06.93	110923	14 55	04.85- 06.93	111065	12 2.2
		04.85- 06.93	111093	14 70			
250 2.5 TD	(124)[OM602.912]	04.85- 06.93	110923	14 55	09.85- 06.93	111065	12 2.2
		04.85- 06.93	111093	14 70			
	(124)[OM602.962]	04.85- 06.93	110923	14 55	12.84- 06.93	111065	12 2.2
		04.85- 06.93	111093	14 70			
250 2.8	(114)[M130.923]	08.73- 11.76	110358	14 55	06.72- 11.76	110869	12 1.5
280 2.7	(114)[M110.921]	06.72- 02.77	110358	14 55	06.72- 11.76	110869	12 1.5
	(123)[M110.923]	02.76- 08.81	110358	14 55	02.76- 08.81	110869	12 1.5
300 3.0 Diesel	(124)[OM603.912]	12.84- 06.93	110923	14 55	12.84- 06.93	111065	12 2.2
		04.85- 06.93	111093	14 70			
	(124)[OM603.960]	09.86- 06.93	111093	14 70	09.86- 06.93	111065	12 2.2
	(124)[OM603.963]	09.86- 01.89	111093	14 70	09.86- 01.89	111065	12 2.2
	(123)[OM617.912]	02.76- 11.85	110358	14 55	02.76- 11.85	110368	12 2.3
300 3.0 Diesel 4 Matic	(124)[OM603.913]	09.86- 06.93	110923	14 55	09.86- 06.93	111065	12 2.2
		09.86- 06.93	111093	14 70	07.89- 08.94	113855	24 5.4
300 3.0 TD	(124)[OM603.960]	09.86- 06.93	111093	14 70			
		09.86- 09.88	113768	14 95			
		09.88- 06.93	110923	14 55	09.86- 06.93	111065	12 2.2
	(124)[OM603.963]	01.88- 06.93	111093	14 70	01.88- 06.93	111065	12 2.2
	(123)[OM617.952]	10.80- 11.85	110358	14 55	10.80- 11.85	110368	12 2.3
300 3.0 TD 4 Matic	(124)[OM603.960]	01.89- 06.93	110923	14 55	01.89- 06.93	111065	12 2.2
		01.89- 06.93	111093	14 70			
	(124)[OM603.963]	09.86- 01.89	110923	14 55	09.86- 06.93	111065	12 2.2
		09.86- 09.93	111093	14 70			
		09.86- 09.88	113768	14 95			
307 2.4 Diesel	(602)[OM616.937]	04.77- 01.90	110358	14 55	04.77- 01.90	110368	12 2.3
	(602)[OM616.939]	06.82- 01.90	110358	14 55	06.82- 01.90	110368	12 2.3
308 2.1 CDI	(903)[OM611.987]	04.00-	112197	14 115	04.00-	111851	12 2.0
		04.00-	112425	14 150			
		04.00- 05.06	113889	14 90			
		04.00- 05.06	115318	14 200 A49			
		04.00- 05.06	115485	14 90 A49			
308 2.3 Diesel	(601)[OM601.940]	10.88- 06.95	110923	14 55			
		11.88- 02.96	111093	14 70			
		11.88- 02.96	113768	14 95			
	Eng. 281647-	06.89- 06.95	112529	14 90			
	Eng. -281646	10.88-	112734	14 80			
	ACPS	10.88- 05.96	110923	14 55	10.88- 06.95	113389	12 2.2
	AC, PS, Eng. 281647-	11.88- 05.96	112529	14 90			
	(602)	AC, PS, Eng. 281647-	06.89- 06.95	110923	06.89-	113389	12 2.2
		AC, PS, Eng. 281647-	06.89- 02.96	111093			
		AC, PS, Eng. 281647-	06.89- 02.96	113768			
		PS Eng. 281647-	06.89- 06.95	112529			
		PS Eng. -281646	06.89-	112734			
		Eng. 281647-	06.89- 06.95	112529			
		Eng. -281646	06.89-	112734			
		ACPS	06.89- 06.95	110923			
		AC, Eng. 281647-	06.89- 06.95	112529			
		AC, Eng. -281646	06.89-	112734			
309 3.0 Diesel	(602)[OM617.913]	10.82- 01.90	110358	14 55	10.82- 01.90	110368	12 2.3
310 2.9 Diesel	(601)[OM602.940]	10.88- 06.95	110923	14 55			
		06.89- 02.96	111093	14 70			
		06.89-	112530	14 120			
		06.89- 02.96	113768	14 95			
	Eng. 277089-	06.89- 06.95	112529	14 90			
	Eng. -277088	10.88-	112734	14 80			
	ACPS	10.88- 06.95	110923	14 55	10.88- 06.95	113389	12 2.2
	AC, PS, Eng. 277089-	06.89- 06.95	112529	14 90			
	(602)	AC, PS, Eng. 277089-	06.89- 06.95	110923	06.89- 06.95	113389	12 2.2
		AC, PS, Eng. 277089-	06.89- 02.96	111093			
		AC, PS, Eng. 277089-	06.89- 06.95	112530			
		AC, PS, Eng. 277089-	06.89- 02.96	113768			
		PS Eng. 277089-	06.89- 06.95	112529			
		PS Eng. -277088	06.89-	112734			
		Eng. 277089-	06.89- 06.95	112529			
		Eng. -277088	06.89-	112734			
		ACPS	06.89- 06.95	110923			
		AC, Eng. 277089-	06.89- 06.95	112529			
		AC, Eng. -277088	06.89-	112734			
311 2.1 CDI	(903)[OM611.981]	04.00-	112197	14 115	04.00-	111851	12 2.0
		04.00-	112425	14 150			
		04.00- 05.06	113889	14 90			
		04.00- 05.06	115318	14 200 A49			
		04.00- 05.06	115485	14 90 A49			
313 2.1 CDI	(903)[OM611.981]	04.00-	112197	14 115	04.00-	111851	12 2.0
		04.00-	112425	14 150			
		04.00- 05.06	113889	14 90			
		04.00- 05.06	115485	14 90 A49			



316 2.7 CDI	(903)[OM612.981]	04.00-	112197	14 115	04.00-	111851	12 2.0		
		04.00-	112425	14 150	04.00-	112440	12 2.2		
		04.00- 05.06	113889	14 90					
		04.00- 05.06	115485	14 90 A49					
320 3.0 CDI	(C219)[OM642.920]	01.05- 12.10	114380	14 180					
		01.05- 12.10	116060	14 180 A49					
320 3.2	(209)[M112.955]	06.02-	113302	14 120	05.02-	113282	12 1.4		
350 3.5	(R231)[M276.954]				02.12-	115734	12 2.0		
405 2.2 Diesel	(T2/L)[OM615]	01.72- 12.80	112098	14 65	01.72- 12.80	110775	12 1.8		
		(T2/L)[OM621]		112098	14 65	03.75- 02.78	110775	12 1.8	
406 2.2 Diesel	(T2/L)[OM615.910]				01.68- 12.74	110775	12 1.8		
407 2.4 Diesel	(T2/L)[OM616.910]				01.75- 12.88	110775	12 1.8		
		(T1/TN)[OM616.913]	07.81- 01.89	110358	14 55	07.81- 01.89	110368	12 2.3	
408 2.0	(T2/L)[M115.I]				01.68- 12.72	110869	12 1.5		
		(T2/L)[M115.II]			01.68- 12.72	110869	12 1.5		
408 2.2	(T2/L)[M115.921]	01.68- 12.74	112098	14 65	01.68- 12.74	110869	12 1.5		
		(T2/L)[M115.927]			08.72- 12.74	110869	12 1.5		
		(T2/L)[M115.928]			08.72- 12.74	110869	12 1.5		
		(T2/L)[M115.929]			08.72- 12.74	110869	12 1.5		
408 2.3	(T2/L)[M115.952]	01.75- 08.82	110358	14 55	01.75- 08.82	110869	12 1.5		
408 2.3 Diesel	(T1/TN)[OM601.940]	11.88- 06.95	111093	14 70					
		11.88- 06.95	113768	14 95					
		12.93- 06.95	111149	14 80					
		PS 11.88- 06.95	112529	14 90					
		PS 11.88- 06.95	112734	14 80					
		ACPS 11.88- 06.95	110923	14 55	11.88- 06.95	113389	12 2.2		
		AC 11.88- 06.95	112529	14 90					
AC 11.88- 06.95	112734	14 80							
408 3.8	(T2/L)[OM314.948]				01.70- 01.73	110512	24 5.4		
					02.73- 12.74	110524	24 4.0		
					01.70- 12.74	110601	24 5.4		
409 2.2	(T2/L)[M115.921]	01.68- 12.74	112098	14 65	01.68- 12.74	110869	12 1.5		
409 2.3	(T2/L)[M115.952]	01.75- 08.82	110358	14 55	01.75- 08.82	110869	12 1.5		
		(T2/L)[M115.970]		110358	14 55	01.75- 08.82	110869	12 1.5	
	(T2/L)[M115.971]	01.75- 08.82	110358	14 55	01.75- 08.82	110869	12 1.5		
409 2.4 Diesel	(T1/TN)[OM617.913]	04.82- 01.89	110358	14 55	04.82- 01.89	110368	12 2.3		
409 3.0 Diesel	(T1/TN)[OM617.913]	04.82- 01.89	110358	14 55	04.82- 01.89	110368	12 2.3		
410 2.3	(T1/TN)[M102.942]	08.82- 06.95	110358	14 55	08.82- 06.95	111347	12 1.2		
		08.82- 06.95	111149	14 80					
		08.82- 06.95	112734	14 80					
		04.85- 06.95	110923	14 55					
		04.85- 06.95	111093	14 70					
		(T2/L)[M102.943]	08.82- 12.88	110358	14 55	08.82- 12.88	110862	12 1.5	
		(T1/TN)[M102.945]	08.82- 03.85	110358	14 55	08.82- 06.95	111347	12 1.2	
			08.82- 06.95	112734	14 80				
			04.85- 06.95	110923	14 55				
			04.85- 06.95	111093	14 70				
410 2.9 Diesel	(T1/TN)[OM602.940]	11.88- 06.95	111093	14 70					
		11.88- 06.95	112529	14 90					
		11.88- 06.95	112734	14 80					
		11.88- 06.95	113768	14 95					
		ACPS 11.88- 06.95	110923	14 55	11.88- 06.95	113389	12 2.2		
500 4.7	(R231)[M278.927]				08.96- 01.98	111123	12 0.9		
					01.12-	116002	12 1.7		
507 2.4 Diesel	(T2/LN1)[OM616.914]	04.86- 04.89	110358	14 55	04.86- 04.89	110368	12 2.3		
508 2.3 Diesel	(T2/LN1)[OM601.941]	03.89- 12.94	111093	14 70					
		12.93- 02.01	111149	14 80					
		PS 03.89- 03.94	110923	14 55	03.89- 02.01	111065	12 2.2		
	AC 03.89- 02.01	112734	14 80						
508 3.8	(T2/L)[OM314.946]	06.72- 08.82	111141	14 55					
		09.72- 12.88	110906	28 30	01.70- 12.88	110601	24 5.4		
		09.72- 06.88	113920	28 35					
		09.82- 10.86	110113	28 27	09.72- 12.88	110524	24 4.0		
		11.86- 12.88	110895	28 55	01.70- 03.73	110512	24 5.4		
		(T2/L)[OM314.948]	06.72- 06.88	111141	14 55	01.70- 12.88	110601	24 5.4	
			09.82- 10.86	110113	28 27	02.73- 12.88	110524	24 4.0	
			11.86- 12.88	110895	28 55	01.70- 03.73	110512	24 5.4	
			11.86- 12.88	110906	28 30	01.70- 12.88	110601	24 5.4	
		(T2/L)[OM314.959]	09.72- 06.88	111141	14 55	09.72- 06.88	110524	24 4.0	
(T2/L)[OM314.961]				09.72- 06.88	110524	24 4.0			
(T2/L)[OM314.962]	09.72- 06.88	110895	28 55	09.72- 06.88	110524	24 4.0			
(T2/L)[OM314.963]	09.72- 06.88	110906	28 30	09.72- 06.88	110524	24 4.0			
	09.72- 06.88	113920	28 35						
510 2.3	(T2/LN1)[M102.946]	04.86- 03.94	110923	14 55	04.86- 02.01	110862	12 1.5		
		04.86- 02.01	111093	14 70					
		04.86- 02.01	112734	14 80					
		12.93- 02.01	111149	14 80					
512 2.9	[OM602.984]	09.96-	111883	14 115	09.96-	111851	12 2.0		
		09.96-	111890	14 90					
608 3.8	(T2/L)[OM314.946]	Chas. 059069-	02.84- 12.88	111141	14 55	02.84- 12.88	110601	24 5.4	
		(T2/L)[OM314.948]	04.81- 08.82	111141	14 55	02.84- 12.88	110512	24 5.4	
			09.82- 10.86	110113	28 27	Chas. 017518-	01.70- 12.88	110512	24 5.4
			09.82- 12.88	110895	28 55	01.70- 12.88	110601	24 5.4	
			11.86- 12.88	110906	28 30				
		(T2/L)[OM314.961]	02.84- 12.88	110895	28 55	02.84- 12.88	110512	24 5.4	
			02.84- 12.88	110601	24 5.4				
		(T2/L)[OM314.963]	02.84- 12.88	110906	28 30	02.84- 12.88	110512	24 5.4	
			02.84- 12.88	113920	28 35	02.84- 12.88	110601	24 5.4	
		(T2/L)[OM314.967]	04.81- 08.82	111141	14 55				
	09.82- 10.86	110113	28 27	Eng. -145162	01.70- 12.88	110512	24 5.4		
	09.82- 12.88	110895	28 55	01.70- 12.88	110601	24 5.4			
	11.86- 12.88	110906	28 30						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





## MERCEDES-BENZ Continued

609 4.0	(T2/LN1)[OM364.906]	04.86-12.94	110358	14 55					
		04.86-02.01	113920	28 35					
		11.86-02.91	110895	28 55		04.86-02.01	110524	24 4.0	
		11.86-02.91	110906	28 30		04.86-02.01	113979	24 4.0	
	(T2/LN1)[OM364.919]	04.86-12.94	110358	14 55					
		04.86-09.01	113920	28 35					
		11.86-02.91	110895	28 55		04.86-02.01	110524	24 4.0	
		11.86-02.91	110906	28 30		04.86-09.01	113979	24 4.0	
	611 4.0	(T2/LN1)[OM354.901]	06.94-09.01	113920	28 35		06.94-09.01	113979	24 4.0
			06.94-12.94	111154	14 65		06.94-01.01	111982	24 4.0
		(T2/LN1)[OM354.902]	06.94-12.94	111154	14 65		06.94-12.94	114523	24 4.0
			06.94-09.01	113920	28 35		06.94-09.01	110524	24 4.0
612 2.9	[OM602.984]	09.96-	111883	14 115		09.96-	111851	12 2.0	
		09.96-	111883	14 115		09.96-	111851	12 2.0	
	[OM602.985]	09.96-	111883	14 115		09.96-	111851	12 2.0	
		09.96-	111883	14 115		09.96-	111851	12 2.0	
		09.96-	111883	14 115		09.96-	111851	12 2.0	
		09.96-	111883	14 115		09.96-	111851	12 2.0	
		09.96-	111883	14 115		09.96-	111851	12 2.0	
		09.96-	111883	14 115		09.96-	111851	12 2.0	
		09.96-	111883	14 115		09.96-	111851	12 2.0	
		09.96-	111883	14 115		09.96-	111851	12 2.0	
		09.96-	111883	14 115		09.96-	111851	12 2.0	
		09.96-	111883	14 115		09.96-	111851	12 2.0	
09.96-	111883	14 115		09.96-	111851	12 2.0			
613 4.3	(613D, 614D)[OM904.908]	09.96-	112561	28 80		09.96-	111982	24 4.0	
		09.96-	113351	28 100		09.96-	114523	24 4.0	
		09.96-	113448	28 100		09.96-	115514	24 4.0 A49	
		09.96-	115497	28 80 A49					
		09.96-	115557	28 100 A49					
		09.96-04.00	112561	28 80		09.96-04.00	111982	24 4.0	
		09.96-04.00	113351	28 100		09.96-04.00	114523	24 4.0	
		09.96-04.00	113448	28 100		09.96-04.00	115514	24 4.0 A49	
		09.96-04.00	115497	28 80 A49					
		09.96-04.00	115557	28 100 A49					
	(T2/L)[OM353.963]	04.77-08.82	111141	14 55		04.77-12.88	110525	12 3.0	
		09.82-10.86	110113	28 27					
(T2/L)[OM353.966]	11.86-12.88	110895	28 55						
	11.86-12.88	110906	28 30						
	04.77-08.82	111141	14 55						
	09.82-10.86	110113	28 27		04.77-12.88	110525	12 3.0		
	11.86-12.88	110895	28 55						
	11.86-12.88	110906	28 30						
614 4.3	[OM900.917]	09.96-	112561	28 80		09.96-	111982	24 4.0	
		09.96-	113448	28 100		09.96-04.00	114523	24 4.0	
	[OM904.908]	09.96-	112561	28 80		09.96-01.01	115514	24 4.0 A49	
		09.96-	113448	28 100		09.96-	111982	24 4.0	
		09.96-	113448	28 100		09.96-04.00	114523	24 4.0	
		09.96-	113448	28 100		09.96-01.01	115514	24 4.0 A49	
	(613D, 614D)[OM904.917]	09.96-	112561	28 80		09.96-	111982	24 4.0	
		09.96-	113448	28 100		09.96-	114523	24 4.0	
	615 4.3	(615D, 616D)[OM900.918]	09.98-	112561	28 80		09.98-	111982	24 4.0
			09.98-	113448	28 100		09.98-	114523	24 4.0
			09.98-	113448	28 100		09.98-01.01	115514	24 4.0 A49
			09.98-	112561	28 80		09.98-	111982	24 4.0
09.98-			113448	28 100		09.98-	114523	24 4.0	
09.98-			113448	28 100		09.98-01.01	115514	24 4.0 A49	
[OM904.923]		09.98-	112561	28 80		09.98-	111982	24 4.0	
		09.98-	113448	28 100		09.98-	114523	24 4.0	
		09.98-	113448	28 100		09.98-01.01	115514	24 4.0 A49	
		09.98-	113448	28 100		09.98-	114523	24 4.0	
		09.98-	113448	28 100		09.98-	114523	24 4.0	
		09.98-	113448	28 100		09.98-01.01	115514	24 4.0 A49	
616 4.3	(615D, 616D)[OM904.923]	09.98-	112561	28 80		09.98-	111982	24 4.0	
		09.98-	113351	28 100		09.98-	114523	24 4.0	
		09.98-	113448	28 100		09.98-	115514	24 4.0 A49	
		09.98-	115497	28 80 A49					
		09.98-	115557	28 100 A49					
		09.98-	112561	28 80		09.98-	111982	24 4.0	
		09.98-	113351	28 100		09.98-	114523	24 4.0	
		09.98-	113448	28 100		09.98-	115514	24 4.0 A49	
		09.98-	115497	28 80 A49					
		09.98-	115557	28 100 A49					
	709 4.0	(T2/LN1)[OM364.906]	04.86-02.01	110895	28 55		04.86-02.01	110524	24 4.0
			04.86-02.01	112159	28 80		04.86-02.01	113979	24 4.0
04.86-02.01			113920	28 35					
(T2/LN1)[OM364.912]		04.86-12.94	110895	28 55		04.86-	110524	24 4.0	
	04.86-12.94	112159	28 80		04.86-02.01	113979	24 4.0		
	04.86-02.01	113920	28 35						
711 4.0	(T2/LN1)[OM364.921]	04.86-12.94	110895	28 55		04.86-	110524	24 4.0	
		04.86-12.94	112159	28 80		04.86-02.01	113979	24 4.0	
		04.86-02.01	113920	28 35					
	(T2/LN1)[OM354.902]	06.94-02.01	110895	28 55		06.94-02.01	110524	24 4.0	
		06.94-02.01	112159	28 80					
		06.94-02.01	113920	28 35					
714 4.0	(T2/LN1)[OM354.903]	06.94-02.01	110895	28 55		06.94-	110524	24 4.0	
		06.94-02.01	112159	28 80					
		06.94-02.01	113920	28 35					
	(T2/LN1)[OM364.950]	04.86-02.01	112159	28 80		04.86-02.01	110524	24 4.0	
		04.86-02.01	113920	28 35		04.86-02.01	113979	24 4.0	
		04.86-02.01	112159	28 80		04.86-02.01	113979	24 4.0	
		04.86-02.01	113920	28 35		04.86-02.01	110524	24 4.0	
		04.86-12.94	111154	14 65		02.92-02.01	113979	24 4.0	
		02.92-02.01	113920	28 35		02.92-02.01	110524	24 4.0	
	809 4.0	(T2/LN1)[OM364.906]	06.94-02.01	110895	28 55		06.94-02.01	110524	24 4.0
			06.94-02.01	112159	28 80				
			06.94-02.01	113920	28 35				
(T2/LN1)[OM364.911]		01.98-02.01	112561	28 80					
		04.86-02.01	110895	28 55		04.86-02.01	110524	24 4.0	
		04.86-02.01	112159	28 80		04.86-02.01	113979	24 4.0	
(T2/LN1)[OM364.912]	04.86-02.01	113920	28 35		04.86-02.01	110524	24 4.0		
	11.86-02.91	110906	28 30		04.86-02.01	113979	24 4.0		
	03.86-10.86	110113	28 27						
	04.86-02.91	110895	28 55		04.86-02.01	113979	24 4.0		
(T2/LN1)[OM364.913]	04.86-	112159	28 80						
	04.86-02.01	113920	28 35		04.86-	110524	24 4.0		
	04.86-	112159	28 80						
	04.86-02.01	113920	28 35		04.86-	110524	24 4.0		
(T2/LN1)[OM364.914]	11.86-02.91	110906	28 30						
	04.86-	112159	28 80						
	04.86-02.01	113920	28 35		04.86-	110524	24 4.0		
	11.86-02.91	110906	28 30						

## STARTERS &amp; ALTERNATORS



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	(T2/LN1)[OM364.920]	04.86- 04.86- 04.86- 12.94 11.86- 02.91	110895 112159 113920 110906	28 55 28 80 28 35 28 30		04.86- 04.86- 12.94	110524 113979	24 4.0 24 4.0
	(T2/LN1)[OM364.921]	04.86- 10.86 11.86- 02.01 11.86- 02.91 02.92- 02.92- 12.94	110113 110895 110906 112159 113920	28 27 28 55 28 30 28 80 28 35		04.86- 02.01 02.92- 12.94	110524 113979	24 4.0 24 4.0
810 4.0	(T2/LN1)[OM354.903]	04.86- 02.01 06.94- 02.01 06.94- 02.01 06.96- 02.01 06.96- 02.01	113920 110895 112159 112561 113448	28 35 28 55 28 80 28 80 28 100		04.86- 02.01 04.86- 11.10	110524 113979	24 4.0 24 4.0
811 4.0	(T2/LN1)[OM354.901]	04.86- 12.94 06.94- 06.94-	113920 110895 112159	28 35 28 55 28 80		04.86- 12.94 04.86- 02.01	113979 110524	24 4.0 24 4.0
	(T2/LN1)[OM364.950]	04.86- 02.01 03.96- 02.01	113920 112561	28 35 28 80		04.86- 02.01 04.86- 02.01	110524 113979	24 4.0 24 4.0
	(T2/LN1)[OM364.952]	04.86- 02.01 03.96- 02.01	113920 112561	28 35 28 80		04.86- 02.01 04.86- 02.01	113979 110524	24 4.0 24 4.0
	(T2/LN1)[OM364.958]	02.92- 02.92- 12.94 03.96-	110895 113920 112561	28 55 28 35 28 80		04.86- 02.01 04.86- 12.94	110524 113979	24 4.0 24 4.0
812 2.9	[OM602.984]	09.96- 09.96-	111883 111890	14 115 14 90		09.96-	111851	12 2.0
	[OM602.985]	09.96- 09.96-	111883 111890	14 115 14 90		09.96-	111851	12 2.0
812 4.3	[OM904.908]	09.96- 09.96-	112561 113448	28 80 28 100		09.96- 09.96-	111982 114523	24 4.0 24 4.0
	[OM904.923]					09.96- 01.01	115514	24 4.0 A49
						09.96- 01.01	114523 115514	24 4.0 24 4.0 A49
813 4.3	(813D, 814D)[OM904.908]	09.96- 09.96- 09.96- 09.96- 09.96- 09.96- 09.96- 09.96- 09.96- 09.96-	112561 113351 113448 115497 115557 112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49 28 80 28 100 28 100 28 80 A49 28 100 A49		09.96- 09.96- 09.96- 09.96-	114523 115514 111982 114523 115514	24 4.0 24 4.0 A49 24 4.0 24 4.0 24 4.0 A49
814 4.0	(T2/LN1)[OM354.924]	04.86- 12.94 06.94-	113920 110895	28 35 28 55		04.86- 12.94 06.94-	113979 110524	24 4.0 24 4.0
	(T2/LN1)[OM354.925]	11.87- 12.94 06.94-	113920 110895	28 35 28 55		11.87- 12.94 06.94-	113979 110524	24 4.0 24 4.0
	(T2/LN1)[OM364.981]	11.87- 02.01	113920	28 35		11.87- 02.01	110524 113979	24 4.0 24 4.0
	(T2/LN1)[OM364.984]	01.91- 12.94	113920	28 35		01.91- 01.91- 12.94	110524 113979	24 4.0 24 4.0
	(T2/LN1)[OM364.986]	11.87- 12.94	113920	28 35		02.92- 11.87- 12.94	110524 113979	24 4.0 24 4.0
	(T2/LN1)[OM364.987]	02.92- 12.94	113920	28 35		02.92- 02.92- 12.94	110524 113979	24 4.0 24 4.0
814 4.3	[OM900.917]	09.96- 09.96-	112561 113448	28 80 28 100		09.96- 09.96-	111982 114523	24 4.0 24 4.0
	[OM904.908]	09.96- 09.96-	112561 113448	28 80 28 100		09.96- 01.01	115514	24 4.0 A49
						09.96- 01.01	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(813D, 814D)[OM904.917]	09.96- 09.96-	112561 113448	28 80 28 100		09.96- 09.96-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
815 4.3	(815D, 816D)[OM900.918]	09.96- 09.96- 09.96- 09.96- 09.96- 09.96-	112561 113351 113448 115497 115557 112561 113448	28 80 28 100 28 100 28 80 A49 28 100 A49 28 80 28 100		09.96- 09.96- 09.96- 09.96- 09.96- 09.96-	111982 114523 115514 111982 114523 115514	24 4.0 24 4.0 24 4.0 A49 24 4.0 24 4.0 24 4.0 A49
	[OM904.923]	09.96- 09.96- 09.96- 09.96- 09.96-	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		09.96- 09.96- 01.01 09.96-	111982 115514 114523	24 4.0 24 4.0 A49 24 4.0
816 4.3	(815D, 816D)[OM904.923]	09.96- 09.96- 09.96- 09.96- 09.96- 09.96- 09.96- 09.96-	112561 113351 113448 115497 115557 112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49 28 80 28 100 28 100 28 80 A49 28 100 A49		09.96- 09.96- 09.96- 09.96- 09.96- 09.96- 09.96-	114523 115514 111982 114523 115514	24 4.0 24 4.0 A49 24 4.0 24 4.0 24 4.0 A49
100 Bus 2.4 Diesel	(631)[OM616.963]	02.88- 02.96 02.88- 02.96	110358 111149	14 55 14 80		02.88- 02.96	110368	12 2.3
190 E 1.8	(201)[M102.910]	04.90- 08.93	111354	14 70		04.90- 08.93	111347	12 1.2
190 E 2.0	(201)[M102.961]	10.82- 08.86 09.85- 08.93 09.85- 08.90 09.90- 08.93	110358 110923 111093 111354	14 55 14 55 14 70 14 70		06.85- 12.86 10.82- 05.85	111347 110862	12 1.2 12 1.5

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



	(201)[M102.962]	10.82-08.86 01.85-08.93 02.85-08.90 09.90-08.93	110358 110923 111093 111354	14 55 14 55 14 70 14 70		10.82-12.86 02.85-08.93	110862 111347	12 1.5 12 1.2
190 E 2.3	(201)[M102.983]	04.84-01.87 04.84-08.88 PS 09.85-08.88	110923 111093 111093	14 55 14 70 14 70		04.84-05.85 06.85-08.88	110862 111347	12 1.5 12 1.2
	(201)[M102.985]	09.86-08.93 09.86-08.90 09.90-08.93	110923 111093 111354	14 55 14 70 14 70		09.86-08.93	111347	12 1.2
190 E 2.5	(201)[M102.990]	09.88-08.93 09.88-08.93 PS 09.88-08.93	110923 111093 111093	14 55 14 70 14 70		09.88-08.93	111347	12 1.2
	(201)[M102.991]	03.89-08.93 03.89-08.93	110923 111093	14 55 14 70		03.89-08.93	111347	12 1.2
190 E 2.5 Evolution II	(201)[M102.992]	03.89-04.90 05.90-08.93 PS 05.90-08.93	110923 111093 111354	14 55 14 70 14 70		05.90-08.93	111347	12 1.2
190 E 2.6	(201)[M103.942]	09.86-12.89 09.86-12.89 01.90-08.93	111093 112734 111354	14 70 14 80 14 70				
200 E 2.0	(124)[M102.962]	09.88-12.89 09.88-12.89	110923 111093	14 55 14 70		09.88-12.89	111347	12 1.2
	(124)[M102.963]	12.84-08.92 04.85-08.92	110923 111093	14 55 14 70		09.88-08.92	111347	12 1.2
	(124)[M111.940]	10.92-06.93 10.92-06.93	111354 111369	14 70 14 90		10.92-06.93	111347	12 1.2
200 GE 2.0	(W463)[M102.965]					01.90-07.93	110862	12 1.5
220 CE 2.2	(124)[M111.960]	10.92-05.93 10.92-05.93	111354 111369	14 70 14 90		10.92-05.93	111347	12 1.2
220 E 2.2	(124)[M111.960]	10.92-06.93 10.92-06.93	111354 111369	14 70 14 90		10.92-06.93	111347	12 1.2
230 C 2.3	(123)[M115.954]	02.76-03.81	110358	14 55		05.77-04.80	110869	12 1.5
230 CE 2.3	(123)[M102.980]	04.80-12.85	110358	14 55		04.80-12.85	110862	12 1.5
	(124)[M102.982]	03.87-12.92 03.87-12.92 03.87-12.92 Eng. 178859- AT, Eng. -190930	110923 111093 111354 110923	14 55 14 70 14 70 14 55		03.87-12.92	111347	12 1.2
230 E 2.3	(123)[M102.980]	04.80-12.85	110358	14 55		04.80-12.85	110862	12 1.5
	(124)[M102.982]	12.84-06.93 01.85-06.93 Eng. 178859- AT, Eng. 190931-	110923 111093 111354 111354	14 55 14 70 14 70 14 70		12.84-06.93	111347	12 1.2
230 G 2.3	(460)[M115.973]	03.79-05.80	110358	14 55		01.82-07.93 03.79-12.81	110862 110869	12 1.5 12 1.5
230 GE 2.3	(460)[M102.979]					05.87-08.92	110862	12 1.5
	(461)					02.93-08.93	110862	12 1.5
	(460)[M102.981]					02.93-	111065	12 2.2
	(460)[M102.987]					04.82-08.85	110862	12 1.5
	(460)[M102.989]					04.82-08.92	110862	12 1.5
	(463)					04.82-08.92	110862	12 1.5
	(461)[M102.996]					06.90-06.93	110862	12 1.5
	(461)[M102.997]					09.93-	111065	12 2.2
	(461)[M102.997]					06.93-	110862	12 1.5
230 SL 2.3	(113)[M127.981]					01.63-01.67	110997	12 0.8
230.4 2.3	(115)[M115.951]	07.73-12.77	110358	14 55		08.73-12.76	110869	12 1.5
230.6 2.3	(114)[M180.954]	01.68-11.76	110358	14 55		01.68-11.76	110869	12 1.5
240 G 2.4 Diesel	(460)[OM616.936]	03.79-05.80	110358	14 55		03.79-08.87	110368	12 2.3
250 C 2.5	(114)[M114.920]					04.69-06.72	110869	12 1.5
250 C 2.9	(114)[M130.923]	08.73-11.76	110358	14 55		06.72-11.76	110869	12 1.5
250 CE 2.5	(114)[M114.980]					04.69-04.72	110869	12 1.5
250 G 2.5 Diesel	(460)[OM602.930]					10.87-12.92	114319	24 2.5
	(463)[OM602.931]					09.89-	111065	12 2.2
						06.90-	114319	24 2.5
260 E 2.6	(124)[M103.940]	09.85-12.89 09.86-08.89 01.90-08.92	111093 112734 111354	14 70 14 80 14 70				
260 E 2.6 4 Matic	(124)[M103.940]	12.86-12.89 12.86-08.89	111093 112734	14 70 14 80				
	(124)[M103.943]	09.86-12.89 09.86-08.89 01.90-08.92	111093 112734 111354	14 70 14 80 14 70				
260 SE 2.5	(126)[M103.941]	09.85-06.91	112734	14 80				
280 C 2.7	(114)[M110.921]	06.72-02.77	110358	14 55		06.72-02.77	110869	12 1.5
	(123)[M110.923]	02.76-11.85	110358	14 55		03.77-03.80	110869	12 1.5
280 CE 2.7	(114)[M110.981]	06.72-01.77	110358	14 55		06.72-01.77	110869	12 1.5
	(123)[M110.988]	02.76-11.85	110358	14 55		03.77-11.85	110869	12 1.5
280 E 2.7	(114)[M110.981]	06.72-11.76	110358	14 55		06.72-11.76	110869	12 1.5
	(123)[M110.984]	02.76-11.85	110358	14 55		02.76-11.85	110869	12 1.5
	(123)[M110.988]	02.76-11.85	110358	14 55		02.76-11.85	110869	12 1.5
280 E 2.8	(124)[M104.942]	10.92-06.93	111369	14 90				
	(123)[M110.988]	02.76-11.85	110358	14 55		09.77-11.85	110869	12 1.5
280 GE 2.7	(460)[M110.994]	11.79-05.80	110358	14 55		11.79-08.89	110838	12 1.5
280 S 2.7	(116)[M110.922]	08.72-07.80	110358	14 55		08.72-07.80	110869	12 1.5
	(126)[M110.924]	08.82-07.85	111149	14 80		03.80-07.85	110838	12 1.5
						12.79-02.80	110869	12 1.5
	(126)[M110.926]	08.82-07.85	111149	14 80		03.80-07.85	110838	12 1.5
						12.79-02.80	110869	12 1.5
280 S 2.8	(108)[M130.920]					10.67-07.72	110869	12 1.5
280 SE 2.7	(116)[M110.983]	08.72-07.76	110358	14 55		08.72-07.76	110869	12 1.5
	(116)[M110.985]	08.72-07.80	110358	14 55		08.72-07.80	110869	12 1.5
						10.76-07.80	110997	12 0.8
	(126)[M110.987]	08.82-07.85	111149	14 80		10.79-07.85	110838	12 1.5
	(126)[M110.989]	08.82-07.85	111149	14 80		10.79-07.85	110838	12 1.5
280 SE 2.8	(108,109)[M130.980]					01.68-08.72	110869	12 1.5

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	(111)					10.68- 12.71	110869	12 1.5
						01.68- 09.68	110997	12 0.8
280 SE 3.5	(108)[M116.980]					03.71- 08.72	110869	12 1.5
	(111)					01.69- 12.71	110869	12 1.5
280 SEL 2.7	(116)[M110.983]	08.72- 07.76	110358	14 55				
	(116)[M110.985]	08.76- 07.80	110358	14 55				
					RHD	08.76- 07.80	110869	12 1.5
						10.76- 07.80	110997	12 0.8
	(126)[M110.987]	08.82- 07.85	111149	14 80		12.79- 07.85	110838	12 1.5
280 SL 2.7	(126)[M110.989]	08.82- 07.85	111149	14 80		10.79- 02.80	110869	12 1.5
						12.79- 07.85	110838	12 1.5
						10.79- 02.80	110869	12 1.5
280 SLC 2.8	(107)[M110.982]	08.74- 11.80	110358	14 55		08.74- 07.85	110869	12 1.5
	(107)[M110.986]	08.74- 11.80	110358	14 55		08.74- 07.85	110869	12 1.5
	(107)[M110.990]	08.74- 11.80	110358	14 55		08.74- 07.85	110869	12 1.5
	(113)[M130.983]					10.68- 12.71	110869	12 1.5
280 TE 2.8						01.68- 09.68	110997	12 0.8
						08.74- 09.81	110869	12 1.5
						08.74- 09.81	110869	12 1.5
290 G 2.9 TD	(107)[M110.982]	08.74- 09.81	110358	14 55		08.74- 09.81	110869	12 1.5
	(107)[M110.986]	08.74- 09.81	110358	14 55		08.74- 09.81	110869	12 1.5
	(107)[M110.990]	08.74- 09.81	110358	14 55		08.74- 09.81	110869	12 1.5
300 C 2.9 TD	(124)[M104.942]	10.92- 06.93	111369	14 90				
	(461)[OM602.983]	07.97-	111890	14 90		04.92-	111065	12 2.2
						07.97-	114319	24 2.5
300 E 2.9	(123)[OM617.952]	09.81- 07.85	110358	14 55		09.81- 07.85	110368	12 2.3
	(124)[M103.980]	01.85- 12.85	111093	14 70		01.85- 05.85	110862	12 1.5
300 E 3.0	(124)[M103.983]	06.85- 12.89	111093	14 70				
		09.86- 08.89	112734	14 80				
		09.89- 08.92	111354	14 70				
300 E 3.0 4 Matic	(124)[M103.983]	09.86- 12.89	111093	14 70				
		09.86- 08.89	112734	14 80				
		01.90- 02.92	111354	14 70				
	(124)[M103.985]	09.86- 12.89	111093	14 70				
300 E-24 3.0		09.86- 08.89	112734	14 80				
		01.90- 06.93	111354	14 70				
	(124)[M104.980]	09.89- 08.92	112539	14 110				
300 G 3.0 Diesel	(W124)	09.88- 08.92	112734	14 80				
	(460)[OM603.912]					09.89- 07.93	111065	12 2.2
	(463)[OM603.931]					09.89-	111065	12 2.2
300 GE 3.0						09.89- 09.97	114319	24 2.5
	(460)[OM617.931]	12.79- 05.80	110358	14 55		12.79- 12.91	110368	12 2.3
	(463)[M103.987]	08.90- 08.93	111149	14 80		09.89-	111065	12 2.2
300 SE 2.9	(126)[M103.981]	09.85- 06.91	112734	14 80		06.90- 08.93	110862	12 1.5
	(108)[M130.981]							
300 SEL 2.8	(108)[M130.981]					01.68- 08.72	110869	12 1.5
300 SEL 2.9	(126)[M103.981]	06.85- 06.91	112734	14 80				
300 SEL 3.2	(140)[M104.994]	05.93- 10.98	112194	14 120				
300 SEL 3.5	(108)[M116.981]					01.70- 07.72	110869	12 1.5
300 SL 2.9	(107)[M103.982]	09.85- 08.89	111093	14 70				
300 SL 3.0	(129)[M103.984]	03.89- 08.93	112530	14 120				
320 CE 3.2	(124)[M104.992]	10.92- 05.93	111369	14 90				
320 E 3.2	(124)[M104.992]	10.92- 06.93	111369	14 90				
350 G 3.4 TD	(463)[OM603.972]	09.91- 09.97	113768	14 95				
		07.94- 06.96	112529	14 90				
350 SE 3.5	(116)[M116.983]	08.72- 02.76	110358	14 55		08.72- 02.76	110869	12 1.5
	(116)[M116.985]	08.74- 04.80	110358	14 55		03.76- 03.80	110869	12 1.5
350 SEL 3.5	(116)[M116.983]	08.72- 02.76	110358	14 55		08.72- 02.76	110869	12 1.5
	(116)[M116.985]	08.74- 04.80	110358	14 55		03.76- 03.80	110869	12 1.5
350 SL 3.5	(107)[M116.982]	05.71- 02.80	110358	14 55		05.71- 02.80	110869	12 1.5
	(107)[M116.984]	05.71- 02.80	110358	14 55		05.71- 02.80	110869	12 1.5
350 SLC 3.5	(107)[M116.982]	01.72- 02.80	110358	14 55		01.72- 02.80	110869	12 1.5
	(107)[M116.984]	01.72- 02.80	110358	14 55		01.72- 02.80	110869	12 1.5
380 SE 3.8	(126)[M116.961]	01.82- 08.85	111149	14 80		12.79- 08.85	110869	12 1.5
	(126)[M116.963]	01.82- 08.85	111149	14 80		12.79- 08.85	110869	12 1.5
380 SEC 3.8	(126)[M116.963]	01.82- 07.85	111149	14 80		10.81- 07.85	110869	12 1.5
	(126)[M116.961]	01.82- 08.85	111149	14 80		12.79- 08.85	110869	12 1.5
380 SEL 3.8	(126)[M116.963]	01.82- 08.85	111149	14 80		12.79- 08.85	110869	12 1.5
	(107)[M116.960]					09.80- 08.81	110869	12 1.5
380 SL 3.8	(107)[M116.962]	08.82- 08.85	111149	14 80		09.80- 08.85	110869	12 1.5
	(107)[M116.960]					07.80- 08.81	110869	12 1.5
380 SLC 3.8	(107)[M116.960]							
400 E 4.2	(124)[M119.975]	10.92- 06.93	112539	14 110				
400 SE 4.2	(140)[M119.971]	02.91- 05.93	111850	14 143				
		Eng. 011683- 02.91- 05.93	112539	14 110				
400 SEL 4.2	(140)[M119.971]	06.93- 09.95	111850	14 143				
		Eng. 011683- 06.93- 09.95	112539	14 110				
406F 2.2 Diesel	(T2/L)[OM615.910]					01.68- 12.74	110775	12 1.8
420 SE 4.2	(126)[M116.965]	09.85- 06.91	111149	14 80		10.85- 12.87	110869	12 1.5
420 SEC 4.2	(126)[M116.965]	10.85- 06.91	111149	14 80		10.85- 08.87	110869	12 1.5
420 SEL 4.2	(126)[M116.965]	09.85- 06.91	111149	14 80		09.85- 08.87	110869	12 1.5
420 SL 4.1	(107)[M116.964]					01.86- 08.87	110869	12 1.5
420 SL 4.2	(107)[M116.964]					01.86- 08.87	110869	12 1.5
450 SE 4.5	(116)[M117.983]	08.74- 11.75	110358	14 55		01.73- 11.75	110869	12 1.5
	(116)[M117.986]	12.75- 04.80	110358	14 55		12.75- 04.80	110869	12 1.5
450 SEL 4.5	(116)[M117.983]	08.74- 11.75	110358	14 55		01.73- 11.75	110869	12 1.5
	(116)[M117.986]	12.75- 04.80	110358	14 55		12.75- 04.80	110869	12 1.5
450 SEL 6.9	(116)[M100.985]	07.75- 03.80	110358	14 55		07.75- 03.80	110869	12 1.5
450 SL 4.5	(107)[M117.982]	08.74- 10.80	110358	14 55		10.72- 10.80	110869	12 1.5
	(107)[M117.985]	08.74- 10.80	110358	14 55		10.72- 10.80	110869	12 1.5
450 SLC 4.5	(107)[M117.982]	01.73- 08.79	110358	14 55		01.73- 08.79	110869	12 1.5
	(107)[M117.985]	01.73- 08.79	110358	14 55		01.73- 08.79	110869	12 1.5
450 SLC 5.0	(107)[M117.960]	06.78- 02.80	110358	14 55		06.78- 02.80	110869	12 1.5
500 E 5.0	(124)[M119.974]	01.91- 06.93	112539	14 110				
500 E AMG 6.0	(124)[M119.974]	01.92- 06.93	112539	14 110				
500 SE 4.9	(126)[M117.961]	01.82- 08.85	111149	14 80		12.79- 08.85	110869	12 1.5
	(126)[M117.963]	01.82- 08.85	111149	14 80		12.79- 08.85	110869	12 1.5
	(126)[M117.965]	09.85- 06.91	111149	14 80		09.85- 08.87	110869	12 1.5
500 SE 5.0	(126)[M117.965]	09.85- 06.91	111149	14 80		09.85- 08.87	110869	12 1.5

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**MERCEDES-BENZ** *Continued*

	(140)[M119.970]	02.91- 05.93	111850	14	143				
		02.91- 05.93	112539	14	110				
		Eng. 026391- 02.91- 05.93	112539	14	110				
500 SEC 4.9	(126)[M117.963]	08.82- 08.85	111149	14	80	10.81- 08.85	110869	12	1.5
	(126)[M117.965]	09.85- 06.91	111149	14	80	09.85- 08.87	110869	12	1.5
500 SEC 5.0	(126)[M117.965]	01.82- 06.91	111149	14	80	09.85- 08.87	110869	12	1.5
500 SEL 5.0	(126)[M117.961]	01.82- 08.85	111149	14	80	12.79- 08.85	110869	12	1.5
	(126)[M117.963]	01.82- 08.85	111149	14	80	12.79- 08.85	110869	12	1.5
	(126)[M117.965]	09.85- 06.91	111149	14	80	09.85- 08.87	110869	12	1.5
	(140)[M119.970]	02.91- 05.93	111850	14	143				
		02.91- 05.93	112539	14	110				
500 SL 4.9	(107)[M117.960]	01.82- 12.85	111149	14	80	05.80- 12.85	110869	12	1.5
	(107)[M117.964]					01.86- 08.89	110869	12	1.5
500 SL 5.0	(129)[M119.960]	09.92- 06.93	111850	14	143				
		09.92- 06.93	112539	14	110				
	(129)[M119.972]	09.92- 06.93	111850	14	143				
		09.92- 06.93	112539	14	110				
560 SE 5.5	(126)[M117.968]	10.85- 06.91	111149	14	80				
560 SEC 5.5	(126)[M117.968]	10.85- 06.91	111149	14	80	10.85- 12.89	110869	12	1.5
560 SEL 5.5	(126)[M117.968]	10.85- 06.91	111149	14	80	10.85- 12.87	110869	12	1.5
600 SE 6.0	(140)[M120.980]	04.91- 12.92	111850	14	143				
	(140)[M120.982]	Eng. 0259 04.91- 12.92	111850	14	143				
600 SEL 6.0	(140)[M120.980]	Eng. 0259 04.91- 12.92	111850	14	143				
	(140)[M120.982]	Eng. 0259 04.91- 12.92	111850	14	143				
63 AMG 5.5	(C218)[M157.981]					01.11-	116002	12	1.7
	(R231)[M157.983]					09.03-	116002	12	1.7
63 AMG 5.5 Shooting Brake	(X218)[M157.981]					10.12-	116002	12	1.7
A 140 1.4	(168)[M166.940]	07.97-	111967	14	90	07.97-	111931	12	1.1
A 140 1.6	(168)[M166.960]	01.01-	111967	14	90	01.01-	111931	12	1.1
						01.01- 08.04	113756	12	0.8
A 150 1.5	(169)[M266.920]	09.04-	115418	14	90	09.04-	111931	12	1.1
A 160 1.5	(W169)[M266.920]	04.09-	115418	14	90				
		A25 04.09-	114046	14	130				
A 160 1.5 CDI	(W176)[OM607.951]					06.13-	115607	12	1.7
A 160 1.6	(168)[M166.960]	07.97-	111967	14	90	07.97-	111931	12	1.1
	(W176)[M270.910]					07.15-	115589	12	1.7
A 160 1.7 CDI	(168)[OM668.940]	02.01-	113251	14	150				
	(168)[OM668.941]	07.98-	111943	14	90				
A 160 2.0 CDI	(169)[OM640.942]	09.04-	114042	14	180 A49	09.04-	113756	12	0.8
		09.04-	114130	14	150 A49				
		09.04-	116069	14	150				
		09.04-	116113	14	180				
A 170 1.7	(169)[M266.940]	09.04-	115418	14	90	09.04-	111931	12	1.1
	(W169)	04.09-	115418	14	90				
		A25 04.09-	114046	14	130				
A 170 1.7 CDI	(168)[OM668.940]	07.98-	111943	14	90				
		07.98- 02.01	113251	14	150				
	(168)[OM668.942]	02.01-	113251	14	150				
A 180 1.5 CDI	(W176)[OM607.951]					06.12-	115607	12	1.7
A 180 1.6	(W176)[M270.910]					06.12-	115589	12	1.7
A 180 1.8 CDI	(W176)[OM651.901]	06.12-	115759*	14	150	06.12-	115607	12	1.7
A 180 2.0 CDI	(169)[OM640.940]	09.04-	114042	14	180 A49				
		09.04-	114130	14	150 A49				
		09.04-	116069	14	150				
		09.04-	116113	14	180				
A 190 1.9	(168)[M166.990]	04.99- 08.04	111943	14	90	03.99-	111931	12	1.1
						03.99- 08.04	114525	12	1.3
						03.99- 08.04	113756	12	0.8
A 200 1.6	(W176)[M270.910]					06.12-	115589	12	1.7
A 200 1.8 CDI	(W176)[OM651.901]	06.12-	115759*	14	150	06.12-	115607	12	1.7
A 200 2.0 CDI	(169)[OM640.941]	09.04-	114042	14	180 A49				
		09.04-	114130	14	150 A49				
		09.04-	116069	14	150				
		09.04-	116113	14	180				
	(W169)	09.04- 06.12	114130	14	150				
		09.04- 06.12	116069	14	150				
A 200 2.1 CDI	(W176)[OM651.930]	02.14-	115759*	14	150	02.14-	115607	12	1.7
A 210 2.1	(168)[M166.995]					Chas. -J869216 03.02-	111931	12	1.1
						w/Code 049 - Engine ECU Siemens MSM2 03.02- 08.04	114525	12	1.3
A 220 2.0	(W176)[M270.920]					05.14-	115589	12	1.7
A 220 2.1 CDI	(W176)[OM651.930]	09.12-	115759*	14	150	09.12-	115607	12	1.7
A 220 2.2 Diesel	(W176)[OM651.930]	07.15-	115759*	14	150	07.15-	115607	12	1.7
A 220 2.2 Diesel 4-Matic	(W176)[OM651.930]	07.15-	115759*	14	150	07.15-	115607	12	1.7
A 250 2.0	(W176)[M270.920]					06.12-	115589	12	1.7
A 250 2.0 4-Matic	(W176)[M270.920]					06.12-	115589	12	1.7
A 45 AMG 2.0 4-matic	(W176)[M133.980]					06.13-	115589	12	1.7
AMG A 45 2.0 4-Matic	(W176)[M133.980]					07.15-	115589	12	1.7
AMG CLA 45 2.0 4-Matic	(C117)[M133.980]					07.15-	115589	12	1.7
	(X117)					07.15-	115589	12	1.7
AMG G 63 5.5	(W463)[M157.984]					06.15-	116002	12	1.7
AMG G 63 6.0	(W463)[M279.982]					A25 06.15-	116083	12	1.8
AMG GLA 45 2.0 4-Matic	(X156)[M133.980]					07.15-	115589	12	1.7
AMG GLE 63 5.5 4-Matic	(W166)[M157.982]					04.15-	116002	12	1.7
	(W166)					04.15-	116002	12	1.7
AMG GLE 63 S 5.5 4-Matic	(W166)[M157.982]					04.15-	116002	12	1.7
AMG GT 4.0	(C190)[M178.980]					10.14-	116002	12	1.7
AMG GT 4.0 GTS	(C190)[M178.980]					08.15-	116002	12	1.7
B 150 1.5	(W245)[M266.920]	03.05-	115418	14	90	03.05-	111931	12	1.1
		A25 04.09-	114046	14	130				
B 150 1.6	(W246, W242)[M270.910]					07.15-	115589	12	1.7
B 160 1.5 CDI	(W246)[OM607.951]					05.13-	115607	12	1.7
B 170 1.7	(245)[M266.940]	03.05-	115418	14	90	03.05-	111931	12	1.1
	(W245)	04.09-	115418	14	90				
		A25 04.09-	114046	14	130				
B 180 1.5 CDI	(W246)[OM607.951]					02.13-	115607	12	1.7
B 180 1.6	(W246)[M270.910]					11.11-	115589	12	1.7

## STARTERS & ALTERNATORS



B 180 1.8 CDi	(W246)[OM651.901]	11.11-	115759*	14 150		11.11-	115607	12 1.7
B 180 2.0 CDi	(245)[OM640.940]	03.05- 03.05-	114130 116069	14 150 14 150				
B 200 1.6	(W246)[M270.910]					11.11-	115589	12 1.7
B 200 1.8 CDi	(W246)[OM651.901]	11.11-	115759*	14 150		11.11-	115607	12 1.7
B 200 2.0	(245)[M266.960]					03.05-	111931	12 1.1
B 200 2.0 CDi	(245)[OM640.941]	03.05- 03.05-	114130 116069	14 150 14 150				
	(W245)	03.05- 11.11 03.05- 11.11	114130 116069	14 150 14 150				
B 200 2.0 Natural Gas Drive	(W246)[M270.920]					11.12-	115589	12 1.7
B 200 2.2 CDi	(W246, W242)[OM651.930]	08.14-	115759*	14 150		08.14-	115607	12 1.7
B 200 2.2 CDi 4-Matic	(W246, W242)[OM651.930]	08.14-	115759*	14 150		08.14-	115607	12 1.7
B 220 2.0 4-matic	(W246)[M270.920]					05.13-	115589	12 1.7
B 220 2.1 CDi	(W246)[OM651.930]	11.11-	115759*	14 150		11.11-	115607	12 1.7
B 220 2.2 CDi	(W246, W242)[OM651.930]	09.14-	115759*	14 150		09.14-	115607	12 1.7
B 220 2.2 CDi 4-Matic	(W246, W242)[OM651.930]	09.14-	115759*	14 150		09.14-	115607	12 1.7
B 250 2.0	(W246)[M270.920]					05.12-	115589	12 1.7
B 250 2.0 4-Matic	(W246, W242)[M270.920]					08.14-	115589	12 1.7
C 160 1.8 Kompressor	(203)[M271.921]	05.02-	113877	14 120		06.05-	113513	12 1.1
C 180 1.6 Kompressor	(W204)[M271.910]	01.08-	116099*	14 120				
C 180 1.8	(202)[M111.920]	03.93- 09.95 03.93- 09.95 03.93- 09.95	111354 111369 112530	14 70 14 90 14 120		03.93- 08.95	111347	12 1.2
	(202)[M111.921]	11.94- 11.94- 05.00 11.94- 05.00	111354 111369 112530	14 70 14 90 14 120		11.94- 05.00	111347	12 1.2
	(C204)[M271.820]					06.11- 06.11-	113513 115771	12 1.1 12
	(S204)					11.09- 11.09-	113513 115771	12 1.1 12
C 180 1.8 Kompressor	(203)[M271.946]	05.02-	113877	14 120		06.02-	113513	12 1.1
	(204)[M271.952]	01.07-	116099*	14 120				
	(S204)	08.07-	116099*	14 120				
C 180 1.8 CGI	(W204)[M271.820]	01.07-	116099*	14 120		01.07- 01.07-	113513 115771	12 1.1 12
C 180 2.0	(203)[M111.951]	10.00- 05.02	112535	14 120		10.00- 05.02	111347	12 1.2
	(202)[M111.952]	09.00- 02.01 09.00- 02.01 09.00- 02.01	111890 112535 113301	14 90 14 120 14 90		09.00- 02.01	111347	12 1.2
C 180 2.1 CDi	(W204)[OM651.913]	01.11-	115437	14 180		01.11- A25 01.11-	114305 114742	12 1.7 12 1.8
C 180 2.2 CDi	(S204)[OM651.913]	01.11-	115437	14 180		01.11- 01.11-	114305 114742	12 1.7 12 1.8
C 200 1.8	(C204)[M271.820]					06.11- 06.11-	113513 115771	12 1.1 12
	(S204)					08.07- 08.07-	113513 115771	12 1.1 12
	(S204)[M271.860]					08.07- 08.07-	113513 115771	12 1.1 12
C 200 1.8 Kompressor	(203)[M271.940]	05.02-	113877	14 120		09.02-	113513	12 1.1
	(204)[M271.950]	01.07-	116099*	14 120				
	(S204)	08.07-	116099*	14 120				
C 200 1.8 CGI	(W204)[M271.820]	01.07-	116099*	14 120		01.07- 01.07-	113513 115771	12 1.1 12
C 200 1.8 CGI Kompressor	(203)[M271.942]	07.03-	113877	14 120		09.02-	113513	12 1.1
C 200 2.0	(202)[M111.941]	01.94- 04.00 01.94- 04.00 01.94- 04.00	111354 111369 112530	14 70 14 90 14 120				
		Eng. 000008- 06.96- Eng. -000007 06.96- AT, Eng. 000008- 06.96- AT, Eng. -000007 06.96-	111369 111354 111369 111354	14 90 14 70 14 90 14 70		01.94- 04.00	111347	12 1.2
	(202)[M111.944]	11.96- 11.96- 03.01	112529 113768	14 90 14 95		11.96-	111347	12 1.2
	(202)[M111.945]	01.94- 01.94- 01.94-	111354 111369 112530	14 70 14 90 14 120				
		Eng. 000008- 06.96- Eng. -000007 06.96- AT, Eng. 000008- 06.96- AT, Eng. -000007 06.96-	111369 111354 111369 111354	14 90 14 70 14 90 14 70		01.94-	111347	12 1.2
C 200 2.0 Kompressor	(202)[M111.944]	10.95- 11.96- 05.00	112529 113768	14 90 14 95		10.95-	111347	12 1.2
	(203)[M111.955]	05.00- 05.02	113300	14 120		05.00- 08.02	111347	12 1.2
	(202)[M111.956]	09.00- 02.01 09.00- 03.01	112529 113768	14 90 14 95		09.00- 02.01	111347	12 1.2
C 200 2.0 CDi	(202)[OM611.960]	03.98- 03.98- 05.00 03.98- 05.00	112197 113889 115485	14 115 14 90 14 90 A49		03.98-	111851	12 2.0
C 200 2.0 Diesel	(202)[OM601.913]	03.93- 08.95 03.93- 08.95	111354 112529	14 70 14 90		02.94- 08.95	111851	12 2.0
	(202)[OM604.915]	01.94- 10.96- 10.96- AT, Eng. -000002 10.96-	111369 111354 112529 112529	14 90 14 70 14 90 14 90		10.96-	111851	12 2.0
C 200 2.1 CDi	(203)[OM611.962]	09.00- 02.03 03.01- 03.01- 03.01-	113772 112428 113953 115673	14 190 14 150 14 200 14 150 A49		09.00-	111851	12 2.0
	(204)[OM646.811]	01.07-	114666	14 180		01.07- 01.07-	114093 115512	12 1.7 12 1.7 A49
	(S204)	08.07-	114666	14 180		08.07- 08.07-	114093 115512	12 1.7 12 1.7 A49
	(204)[OM646.812]	01.07-	114666	14 180		01.07- 01.07-	114093 115512	12 1.7 12 1.7 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



MERCEDES-BENZ Continued

	(203)[OM646.962]	02.01- 02.01- 02.01-	112428 113953 115673	14 150 14 200 14 150 A49		02.01-	111851	12 2.0
	(S204)[OM651.913]	08.10-	115437	14 180		08.10- A25 08.10-	114305 114742	12 1.7 12 1.8
	(W204)	01.11- 01.11-	114876 115437	14 180 14 180		01.11- A25 01.11-	114305 114742	12 1.7 12 1.8
C 200 2.2 CDI	(202)[OM611.960]	03.98- 03.01 03.98- 03.01 Eng. 007601-	113889 115485 112197	14 90 14 90 A49 14 115		03.98-	111851	12 2.0
	(203)[OM646.962]	04.03-	113953	14 200		04.03-	111851	12 2.0
C 200 2.2 Diesel	(S205)[OM651.921] (W205)					10.15- 10.15-	114742 114742	12 1.8 12 1.8
C 220 2.1 BlueTec	(W205)[OM651.921]					12.13-	114742	12 1.8
C 220 2.1 CDI	(203)[OM611.962]	05.00- 02.03 03.01- 03.01- 05.08	113772 112428 115673	14 190 14 150 14 150 A49		05.00- 03.01- 06.11	111851 112440	12 2.0 12 2.2
	(CL203)	03.01- 06.11	113772	14 190		03.01- 06.11	112440	12 2.2
	(W203)	05.00- 02.07	113772	14 190		05.00- 02.07	112440	12 2.2
	(204)[OM646.811]	01.07-	114666	14 180		01.07- 01.07-	114093 115512	12 1.7 12 1.7 A49
	(S204)	08.07-	114666	14 180		08.07- 08.07-	114093 115512	12 1.7 12 1.7 A49
	(W204)	01.07- 01.07-	114666 114876	14 180 14 180		01.07- 01.07-	114093 115512	12 1.7 12 1.7 A49
	(C204)[OM651.911]	06.11-	115437	14 180		06.11- A25 06.11-	114305 114742	12 1.7 12 1.8
	(S204)	01.07-	114666	14 180		01.07- 01.07-	114093 115512	12 1.7 12 1.7 A49
	(W204)	01.07- 01.07-	114876 115437	14 180 14 180		01.07- A25 01.07-	114305 114742	12 1.7 12 1.8
C 220 2.1 CDI 4-matic	(S204)[OM651.912] (W204)					02.13- 02.13-	114305 114742	12 1.7 12 1.8
						02.13- 02.13-	114305 114742	12 1.7 12 1.8
C 220 2.1 CDI T-Model	(S204)[OM651.911]	12.08- 12.08-	114876 115437	14 180 14 180		12.08- 12.08-	114305 114742	12 1.7 12 1.8
C 220 2.2	(202)[M111.961]	03.93- 09.96 03.93- 03.93- 09.96	111354 111369 112530	14 70 14 90 14 120		03.93- 09.96	111347	12 1.2
C 220 2.2 CDI	(202)[OM611.960]	09.97- 03.01 12.97- 03.01 Eng. 007601-	113889 115485 112197	14 90 14 90 A49 14 115		09.97-	111851	12 2.0
	(203)[OM646.963]	02.04-	113953	14 200		02.04-	114093	12 1.7
	(S203)	08.06- 08.06-	110761# 110895	28 35 28 55				
	(S204)[OM651.911]	01.09-	115437	14 180		01.09- 01.09-	114305 114742	12 1.7 12 1.8
C 220 2.2 Diesel	(202)[OM604.910]	08.93- 06.99 08.93- 06.99 08.93- 06.99 Eng. -003820 AT, Eng. -000842 A33 05.96- 06.99	111354 111890 112529 111354 111354 112529	14 70 14 90 14 90 14 70 14 70 14 90		08.93- 05.94 02.94- 06.99	111065 111851	12 2.2 12 2.0
	(A205)[OM651.921] (C205)					06.16- 10.15-	114742 114742	12 1.8 12 1.8
C 220 2.2 Diesel 4-matic	(A205)[OM651.921] (C205) (S205) (W205)					06.16- 04.16- 04.15- 04.15-	114742 114742 114742 114742	12 1.8 12 1.8 12 1.8 12 1.8
C 220 2.2 Diesel BlueTec	(S205)[OM651.921]					09.14-	114742	12 1.8
C 230 1.8 Kompressor	(203)[M271.948]	05.02-	113877	14 120		02.04-	113513	12 1.1
C 230 2.3	(202)[M111.974]	06.96- 06.98 06.96- 06.98	111369 112530	14 90 14 120		06.96-	111347	12 1.2
C 230 2.3 Kompressor	(202)[M111.975]	09.95- 02.01 10.95- 09.00 AT 10.95-	112529 113768 112529	14 90 14 95 14 90		10.95-	111347	12 1.2
	(203)[M111.981]	03.01-	113300	14 120		03.01-	111347	12 1.2
C 230 2.5	(203)[M272.920] (204)[M272.921]	01.05- 05.08 01.07-	115905 115905	14 150 14 150		RHD 01.05- RHD 01.07- RHD 01.07-	114178 114178 115825	12 1.4 12 1.4 12 1.1
	(S204)	08.07-	115905	14 150		RHD 08.07- RHD 08.07-	114178 115825	12 1.4 12 1.1
C 230 2.5 4 Matic	(W204)[M272.911]	07.07-	115905	14 150		RHD 07.07- RHD 07.07-	114178 115825	12 1.4 12 1.1
C 240 2.4	(202)[M112.910]	06.97- 06.97- 06.97- 05.00	111902 113302 113835	14 115 14 120 14 120		06.97-	113282	12 1.4
C 240 2.6	(203)[M112.912] (202)[M112.915]	05.00- 09.00- 03.01	113302 111902	14 120 14 115		05.00- 09.00- 03.01	113282 113282	12 1.4 12 1.4
C 240 2.6 4 Matic	(203)[M112.916]					09.02-	113282	12 1.4
C 250 1.8	(C204)[M271.860]					06.11- 06.11-	113513 115771	12 1.1 12
C 250 1.8 CGI	(S204)[M271.860]	07.09-	116099*	14 120		07.09- 07.09-	113276 115771	12 1.1 12
C 250 1.8 CGI	(W204)[M271.860]	07.09-	116099*	14 120		07.09- 07.09-	113513 115771	12 1.1 12
C 250 2.1 BlueTec	(S205)[OM651.921] (W205)					09.14- 02.14-	114742 114742	12 1.8 12 1.8
C 250 2.1 BlueTEC 4-matic	(W205)[OM651.921]					02.14-	114742	12 1.8
C 250 2.1 CDI	(C204)[OM651.911] (W204)	06.11- 08.08-	115437 114876	14 180 14 180		06.11- 06.11- 08.08- 08.08-	114305 114742 114305 114742	12 1.7 12 1.8 12 1.7 12 1.8



C 250 2.1 CDI 4-matic	(S204)[OM651.912]	04.10-	115580	14 180		04.10-	114305	12 1.7
	(W204)	01.11-	115580	14 180		A25 04.10-	114742	12 1.8
C 250 2.2 Diesel	(A205)[OM651.921]					06.16-	114742	12 1.8
	(C205)					10.15-	114742	12 1.8
C 250 2.2 Diesel 4-matic	(C205)[OM651.921]					04.16-	114742	12 1.8
	(S205)					10.14-	114742	12 1.8
C 250 2.5 Diesel	(202)[OM605.910]	05.93- 08.95	111354	14 70		05.93- 08.95	111851	12 2.0
		05.93- 08.95	112529	14 90				
C 250 2.5 TD	(202)[OM605.960]	05.93- 02.01	112529	14 90		12.95-	111851	12 2.0
		10.95- 03.01	113768	14 95				
		06.96-	112529	14 90				
		AT, Eng. -017598 AT, Eng. -005789	06.96- 06.96-	112529 112529	14 90 14 90			
C 270 2.7 CDI	(203)[OM612.962]	03.01-	112428	14 150		12.00-	112440	12 2.2
		03.01-	115673	14 150 A49				
		04.01-	113772	14 190		12.00-	111851	12 2.0
C 270 2.8 CDI	(S203)[OM612.962]	03.01- 08.07	113772	14 190		03.01- 08.07	112440	12 2.2
	(W203)	12.00- 02.07	113772	14 190		12.00- 02.07	112440	12 2.2
C 280 2.8	(202)[M104.941]	05.93- 05.97	111369	14 90				
		05.93- 05.97	112530	14 120				
		Eng. 006763-	05.93- 05.97	112530	14 120			
		Eng. -006762	05.93- 05.97	112539	14 110			
		AT, Eng. 079896-	05.93- 05.97	112530	14 120			
		AT, Eng. -006762	05.93- 05.97	112539	14 110			
C 280 3.0	(203)[M272.940]	06.97- 02.01	111902	14 115		06.97-	113282	12 1.4
		06.97- 02.01	113302	14 120				
		06.97- 03.01	113835	14 120				
C 280 3.0	(204)[M272.947]	01.05-	115905	14 150		RHD 01.05-	114178	12 1.4
		01.07-	115905	14 150		RHD 01.07-	114178	12 1.4
						RHD 01.07-	115825	12 1.1
						RHD 08.07-	114178	12 1.4
C 280 3.0 4 Matic	(203)[M272.941]	01.05-	115905	14 150		RHD 08.07-	115825	12 1.1
		07.07-	115905	14 150		RHD 01.05-	114178	12 1.4
C 280 3.0 4 Matic	(W204)[M272.948]	07.07-	115905	14 150		RHD 07.07-	114178	12 1.4
						RHD 07.07-	115825	12 1.1
C 30 AMG 3.0 CDI	(203)[OM612.990]	09.02-	112425	14 150		09.02-	111851	12 2.0
C 300 2.1 Hybrid BlueTec	(W205)[OM651.921]					05.14-	114742	12 1.8
C 300 2.2 Hybrid BlueTEC Hybrid	(S205)[OM651.921]					10.14-	114742	12 1.8
C 300 3.0	(W204)[M272.947]	07.09-	115905	14 150		RHD 07.09-	115825	12 1.1
C 300 3.0 4-Matic	(W204)[M272.948]					RHD 07.07-	115825	12 1.1
C 300 3.0 CDI 4-matic	(W204)[OM642.832]	01.11-	114042	14 180 A49		01.11-	114178	12 1.4
C 300 3.5	(W204)[M276.957]					02.11-	115734	12 2.0
						02.11-	115734	12 2.0
C 32 AMG 3.2	(203)[M112.961]	02.01-	113302	14 120		02.01-	113282	12 1.4
C 32 AMG 3.2 Kompressor	(203)[M112.961]	05.02-	113835	14 120		05.02- 05.08	114178	12 1.4
C 320 3.0 CDI	(203)[OM642.910]	01.05-	114042	14 180 A49		03.01-	113282	12 1.4
		01.05-	116113	14 180		01.05-	114178	12 1.4
	(204)[OM642.960]	01.07-	114042	14 180 A49				
		01.07-	116113	14 180				
	(S204)	08.07-	114042	14 180		08.07-	114178	12 1.4
		08.07-	116113	14 180				
(W204)[OM642.961]	07.07-	114042	14 180 A49		07.07-	114178	12 1.4	
C 320 3.0 CDI 4 Matic	(S204)[OM642.961]	08.07-	114042	14 180 A49		08.07-	114178	12 1.4
		08.07-	116113	14 180				
C 320 3.2	(203)[M112.946]	05.00-	113302	14 120		05.00-	113282	12 1.4
C 320 3.2 4 Matic	(203)[M112.953]					09.02-	113282	12 1.4
						09.02-	113282	12 1.4
C 320 C 3.2	(203)[M112.946]	09.02-	113302	14 120		09.02-	113282	12 1.4
C 350 3.0 CDI	(S204)[OM642.834]	06.11-	115924	14 180		A25 06.11-	116083	12 1.8
		06.11-	115924	14 180		A25 06.11-	116083	12 1.8 RHD
C 350 3.5	(203)[M272.960]	01.05-	115905	14 150		Chas. -F507076 01.05-	113282	12 1.4
		01.07-	115905	14 150		RHD 01.07-	114178	12 1.4
	(S204)					RHD 01.07-	115825	12 1.1
		08.07-	115905	14 150		RHD 08.07-	114178	12 1.4
	(C204)[M276.957]					RHD 08.07-	115825	12 1.1
	(W204)	01.11-	115905	14 150		06.11-	115734	12 2.0
C 350 3.5 4 Matic	(203)[M272.960]					01.11-	114093	12 1.7
						01.11-	115512	12 1.7 A49
						01.11-	115734	12 2.0
						01.11-	115770	12 1.1
C 350 3.5 4 Matic	(203)[M272.970]	01.05-	115905	14 150		Chas. -F507076 07.05-	113282	12 1.4
		07.07-	115905	14 150		RHD 07.07-	114178	12 1.4
						RHD 07.07-	115825	12 1.1
C 350 3.5 4-matic CGI	(W204)[M276.957]					01.11-	115734	12 2.0
						06.11-	115734	12 2.0
C 350 3.5 CGI	(W204)[M272.982]	09.08-	115905	14 150		RHD 09.08-	114178	12 1.4
C 36 AMG 3.6	(202)[M104.941]	05.94-	111369	14 90		01.94- 05.97	111851	12 2.0
		05.94-	112539	14 110				
C 43 AMG 4.3	(202)[M113.944]	Eng. 006763-	05.94-	112530	14 120			
		AT, Eng. 079896-	05.94-	112530	14 120			
C 63 AMG 4.0	(C205)[M177.980]	08.97- 05.00	111850	14 143 ▲				
C 63 AMG 5.5 AMG	(S205)					02.16-	116002	12 1.7
						10.15-	116002	12 1.7
						10.14-	116002	12 1.7
C 63 AMG 6.2	(C216)[M157.980]					02.11-	116002	12 1.7
C 63 AMG 6.2	(S204)[M156.985]	02.08-	115532	14 180				
		02.08-	115532	14 180				
C 63 S AMG 4.0	(C205)[M177.980]					02.16-	116002	12 1.7
						10.15-	116002	12 1.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**MERCEDES-BENZ** *Continued*

	(W205)					10.14-	116002	12	1.7
C180 1.6 Kompressor T-Model	(S204)[M271.910]	01.08-	116099*	14	120				
Citan 1.5 CDI	(415)[OM607.951]	11.12-	115431	14	150				
Citan 111 1.5 CDi	(415)[OM607.951]	06.13-	115431	14	150				
Citan Mixto 1.5 CDI	(415)[OM607.951]	11.12-	115431	14	150				
CL 500 4.7	(C216)[M278.920]					02.11-	116002	12	1.7
CL 500 4.7 4-matic	(C216)[M278.920]					02.11-	116002	12	1.7
CL 500 5.0	(215)[M113.960]	03.99-	113489	14	150				
CL 500 5.5	(216)[M273.961]	06.06-	116081*	14	220				
						RHD 06.06-	114178	12	1.4
						RHD 06.06-	115825	12	1.1
CL 500 5.5 4 Matic	(C216)[M273.968]	02.08-	115532	14	180	RHD 02.08-	115825	12	1.1
		02.08-	116101*	14	220				
CL 55 AMG 5.4	(215)[M113.986]	10.99- 03.06	111850	14	143				
CL 55 AMG 5.4 Kompressor	(215)[M113.991]	06.02-	114737	14	180				
CL 600 5.5	(215)[M275.950]	09.02- 03.06	115905	14	150				
	(216)[M275.953]	05.06-	116100*	14	220				
CL 600 5.8	(220)[M137.970]	03.99-	112428	14	150				
		03.99- 03.06	115673	14	150 A49				
CL 63 AMG 5.5	(C216)[M157.980]					01.10-	116002	12	1.7
CL 63 AMG 6.2	(216)[M156.984]	10.06-	116057*	14	220				
CL 65 AMG 6.0	[M275.980]	09.03- 03.06	115905	14	150				
	(216)[M275.982]	10.06-	116100*	14	220				
CL 65 AMG 6.0 AMG	(C216)[M275.982]	02.11-	116100*	14	220				
CLA 180 1.5 CDI	(C117)[OM607.951]					10.13-	115607	12	1.7
CLA 180 1.5 Diesel Shooting Brake	(X117)[OM607.951]					07.15-	115589	12	1.7
CLA 180 1.6	(C117)[M270.910]					01.13-	115589	12	1.7
CLA 180 1.6 Shooting Brake	(X117)[M270.910]					01.15-	115589	12	1.7
CLA 200 1.6	(C117)[M270.910]					01.13-	115589	12	1.7
CLA 200 1.6 Shooting Brake	(X117)[M270.910]					01.15-	115589	12	1.7
CLA 200 1.8 CDI	(C117)[OM651.901]	06.13-	115759*	14	150	06.13-	115607	12	1.7
CLA 200 2.2 CDI	(C117)[OM651.930]	07.14-	115759*	14	150	07.14-	115607	12	1.7
CLA 200 2.2 CDI 4-Matic	(C117)[OM651.930]	07.14-	115759*	14	150	07.14-	115607	12	1.7
	(X117)	01.15-	115759*	14	150	01.15-	115589	12	1.7
CLA 200 2.2 CDI Shooting Brake	(X117)[OM651.930]	01.15-	115759*	14	150	01.15-	115607	12	1.7
CLA 220 2.0 4-matic	(C117)[M270.920]					04.16-	115589	12	1.7
	(X117)					04.16-	115589	12	1.7
CLA 220 2.1 CDI	(C117)[OM651.930]	01.13-	115759*	14	150	01.13-	115607	12	1.7
CLA 220 2.2 CDI	(C117)[OM651.930]	09.14-	115759*	14	150	09.14-	115607	12	1.7
CLA 220 2.2 CDI 4-Matic	(C117)[OM651.930]	07.14-	115759*	14	150	07.14-	115607	12	1.7
	(X117)	01.15-	115589			01.15-	115607	12	1.7
		09.15-	115759*	14	150	01.15-	115759*		
						09.15-	115589	12	1.7
CLA 220 2.2 CDi Shooting Brake	(X117)[OM651.930]	01.15-	115589			01.15-	115607	12	1.7
		01.15-	115759*	14	150				
CLA 250 2.0	(C117)[M270.920]					01.13-	115589	12	1.7
CLA 250 2.0 4-Matic	(C117)[M270.920]					07.13-	115589	12	1.7
	(X117)					01.15-	115589	12	1.7
CLA 250 2.0 Shooting Brake	(X117)[M270.920]					01.15-	115589	12	1.7
CLA 45 AMG 2.0 4-Matic	(C117)[M133.980]					07.13-	115589	12	1.7
	(X117)					01.15-	115589	12	1.7
CLC 220 2.1 CDI	[OM646.962]	05.08-	113953	14	200	05.08-	114093	12	1.7
						05.08- 06.11	115512	12	1.7 A49
	[OM646.963]	05.08-	113953	14	200	05.08-	114093	12	1.7
						05.08- 06.11	115512	12	1.7 A49
CLC 230 2.5	[M272.920]	05.08- 06.11	115905	14	150	RHD 05.08-	114178	12	1.4
CLC 350 3.5	[M272.960]	05.08- 06.11	115905	14	150				
CLK 200 2.0	(208)[M111.941]	01.94- 04.00	111369	14	90	06.97- 06.02	111347	12	1.2
		01.94- 04.00	112530	14	120				
	(208)[M111.945]	06.97-	111369	14	90	06.97-	111347	12	1.2
		06.97-	112530	14	120				
CLK 200 2.0 Kompressor	(208)[M111.944]	06.97-	112529	14	90	06.97-	111347	12	1.2
		06.97- 06.00	113768	14	95				
	(209)[M271.940]	02.03-	113877	14	120	02.03-	113513	12	1.1
CLK 200 2.0 16V	(208)[M111.941]	03.98-	111369	14	90	03.98-	111347	12	1.2
		03.98-	112530	14	120				
	(208)[M111.945]	03.98-	111369	14	90	03.98-	111347	12	1.2
		03.98-	112530	14	120				
CLK 200 2.0 CGi Kompressor	(209)[M271.942]	07.03-	113877	14	120	07.03-	113513	12	1.1
CLK 220 2.1 CDI	(209)[OM646.966]	01.05-	113953	14	200	01.05-	111851	12	2.0
						01.05-	114093	12	1.7
						10.06-	115512	12	1.7 A49
	(C209)	01.05- 05.09	113953	14	200	01.05- 05.09	112440	12	2.2
						01.05- 05.09	114093	12	1.7
						01.05- 05.09	115512	12	1.7 A49
CLK 230 2.3 Kompressor	(208)[M111.973]	06.96- 01.00	113486	14	90	06.97- 06.00	111347	12	1.2
		06.97- 06.00	113768	14	95				
	(208)[M111.975]	06.97-	112529	14	90	06.97-	111347	12	1.2
		06.97- 06.00	113768	14	95				
	(208)[M111.982]	06.00- 01.03	113301	14	90	06.00- 01.03	111347	12	1.2
CLK 240 2.4	[M112.912]	02.03-	113302	14	120	02.03-	113282	12	1.4
CLK 270 2.7 CDI	(209)[OM612.962]					10.02-	111851	12	2.0
	(209)[OM612.967]					10.02-	111851	12	2.0
CLK 280 3.0	(209)[M272.940]	01.05-	115905	14	150	RHD 01.05-	114178	12	1.4
CLK 320 3.0 CDI	(209)[OM642.910]	01.05-	114042	14	180 A49	01.05-	114178	12	1.4
		01.05-	116113	14	180				
CLK 320 3.2	(208)[M112.940]	06.97-	111902	14	115	06.97-	113282	12	1.4
		06.97-	113302	14	120				
		06.97- 06.02	113835	14	120				
	[M112.955]	02.03-	113302	14	120	02.03-	113282	12	1.4
CLK 350 3.5	(209)[M272.960]	01.05-	115905	14	150	RHD 01.05-	114178	12	1.4
CLK 430 4.3	(208)[M113.943]	Chas. -F180102, -T091959	07.98-	111850	14	143 ▲			
		Chas. F180102-, T091959-	07.98- 06.02	114836	14	150			
CLK 430 4.3 V8	(208)[M113.943]	Chas. -F180102, -T091959	09.98-	111850	14	143 ▲			
		Chas. F180102-, T091959-	09.98- 03.02	114836	14	150			
CLK 500 5.5	(A209)[M273.967]	06.06-	115532	14	180	RHD 06.06-	114178	12	1.4



CLK 55 AMG 5.4	(208)[M113.981]	01.00- 03.02	113489	14	150				
		01.00- 03.02	114836	14	150				
	(208)[M113.984	Chas. -F198563, Chas. -	01.00-	114836	14	150			
		T102652							
CLK 55 AMG 5.5	(208)[M113.984]	Chas. F18011	08.99- 06.02	114836	14	150			
CLK 55 DTM AMG 5.4	(209)[M113.994]						06.04-	114178	12 1.4
CLS 218 2.2 CDI	(C218)[OM651.924]		04.11-	114876	14	180	04.11-	114305	12 1.7
							04.11-	115437	
							A25 04.11-	114742	12 1.8
CLS 218 3.0 CDI	(C218)[OM642.853]		01.11-	115924	14	180	A25 01.11-	116083	12 1.8 RHD
							A25 01.11-	116084*	12 1.8
CLS 220 2.1 BlueTec	(C218)[OM651.924]		05.14-	114876	14	180	05.14-	114305	12 1.7
							05.14-	114742	12 1.8
CLS 220 Shooting Brake 2.1 BlueTec	(X218)[OM651.924]						05.14-	114305	12 1.7
							05.14-	114742	12 1.8
CLS 250 2.1 BlueTEC 4-matic	(C218)[OM651.924]						05.14-	114305	12 1.7
							05.14-	114742	12 1.8
CLS 250 2.1 CDI Shooting Brake	(X218)[OM651.924]		10.12-	114876	14	180	10.12-	114305	12 1.7
			10.12-	115437	14	180	10.12-	114742	12 1.8
CLS 250 Shooting Brake 2.1 BlueTEC 4-matic	(X218)[OM651.924]						05.14-	114305	12 1.7
							05.14-	114742	12 1.8
CLS 280 3.0	(C219)[M272.943]		04.09-	115905	14	150			
CLS 320 3.0 CDI	(219)[OM642.920]		01.05-	114380	14	180			
			01.05-	116060	14	180 A49			
CLS 350 3.0 BlueTEC	(C218)[OM642.852]						A25 11.12-	116083	12 1.8 RHD
							11.12-	116084*	12 1.8
	(C218)[OM642.853]						A25 11.12-	116083	12 1.8 RHD
							11.12-	116084*	12 1.8
CLS 350 3.0 BlueTEC 4-matic	(C218)[OM642.858]						A25 11.12-	116083	12 1.8 RHD
							11.12-	116084*	12 1.8
CLS 350 3.0 CDI 4-matic	(C218)[OM642.854]		09.11-	115924	14	180	A25 09.11-	116083	12 1.8 RHD
							A25 09.11-	116084*	12 1.8
CLS 350 3.0 CDI Shooting Brake	(X218)[OM642.853]		10.12-	115924	14	180	A25 10.12-	116083	12 1.8 RHD
							A25 10.12-	116084*	12 1.8
	(X218)[OM642.854]		10.12-	115924	14	180	A25 10.12-	116083	12 1.8 RHD
							A25 10.12-	116084*	12 1.8
CLS 350 3.0 Diesel 4-Matic	(C218)[OM642.854]						A25 04.15-	116083	12 1.8
							04.15-	114178	12 1.4
	(X218)						04.15-	114178	12 1.4
	(C218)[OM642.858]						A25 04.15-	116083	12 1.8
							04.15-	114178	12 1.4
	(X218)						04.15-	114178	12 1.4
CLS 350 3.5	(219)[M272.964]		10.04-	114454	14	180			
			10.04-	115905	14	150			
	(219)[M272.985]		04.06-	114454	14	180			
			04.06-	115905	14	150			
	(C218)[M276.952]						01.11-	115734	12 2.0
CLS 350 3.5 Shooting Brake	(X218)[M276.952]						10.12-	115734	12 2.0
CLS 350 3.5 CGI	(C219)[M272.985]		04.09-	114454	14	180	04.09-	115770	12 1.1
			04.09-	115905	14	150			
CLS 350 Shooting Brake 3.0 BlueTec	(X218)[OM642.853]						A25 05.14-	116083	12 1.8 RHD
							05.14-	116084*	12 1.8
CLS 350 Shooting Brake 3.0 BlueTEC 4-matic	(X218)[OM642.858]						A25 05.14-	116084*	12 1.8
CLS 400 3.0 4-matic	(C218)[M276.820]						05.14-	115734	12 2.0
CLS 500 4.7	(C218)[M278.922]						02.11-	116002	12 1.7
CLS 500 4.7 Shooting Brake	(X218)[M278.922]						10.12-	116002	12 1.7
CLS 500 5.0	(219)[M113.967]		10.04-	114836	14	150			
CLS 500 5.5	(219)[M273.960]	Chas. A038332- 04.06-		114454	14	180			
		Chas. A038332- 04.06-		115532	14	180			
CLS 55 AMG 5.4	(219)[M113.990]		01.05-	114737	14	180			
CLS 63 AMG 5.5	(C218)[M157.981]						02.13-	116002	12 1.7
	(X218)						05.13-	116002	12 1.7
CLS 63 AMG 5.5 4-matic	(C218)[M157.981]						02.13-	116002	12 1.7
CLS 63 AMG 5.5 AMG	(C218)[M157.981]						02.11-	116002	12 1.7
CLS280 3.0	(C219)[M272.943]		07.08-	115905	14	150			
E 200 1.8 CGI	(A207)[M271.820]						01.10-	113513	12 1.1
							01.10-	115771	12
	(C207)						01.10-	113513	12 1.1
							01.10-	115771	12
	(A207)[M271.860]						01.10-	113513	12 1.1
							01.10-	115771	12
	(C207)						01.10-	113513	12 1.1
							01.10-	115771	12
E 200 1.8 Kompressor	[M271.941]		11.02-	113877	14	120	11.02-	113513	12 1.1
E 200 1.8 CGI	(S212)[M271.820]						11.09-	113513	12 1.1
							11.09-	115771	12
	(W212)						08.09-	113513	12 1.1
							08.09-	115771	12
	(S212)[M271.860]						11.09-	113513	12 1.1
							11.09-	115771	12
	(W212)						08.09-	113513	12 1.1
							08.09-	115771	12
	(211)[M271.946]		11.02-	113877	14	120	11.02-	113513	12 1.1
E 200 1.8	(W212)[M271.958]		03.11-	116099*	14	120	03.11-	115771	12
E 200 1.8 NGT	(211)[M271.941]						03.02-	113513	12 1.1
E 200 2.0	(124)[M111.940]		06.93- 06.97	111354	14	70	06.93- 06.97	111347	12 1.2
			06.93- 06.97	111369	14	90			
			06.93- 06.97	112530	14	120			
		Eng. 035551-	06.93-	111369	14	90			
		Eng. -035550	06.93-	111354	14	70			
		AT, Eng. 015029-	06.93-	111369	14	90			
		AT, Eng. -015028	06.93-	111354	14	70			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MERCEDES-BENZ Continued

	(210)[M111.942]	06.95- 06.95- AT, Eng. -013255 06.95-	111369 112530 111369	14 90 14 120 14 90	06.95-	111347	12 1.2
E 200 2.0 Kompressor	(210)[M111.947] (210)[M111.957]	06.97- 08.00- 03.03 08.00- 03.03	113486 113300 113301	14 90 14 120 14 90	06.97- 08.00- 03.03	111347 111347	12 1.2 12 1.2
E 200 2.0 Diesel	(124)[OM601.912] (210)[OM604.917]	06.93- 06.95 06.93- 06.95 06.95- 06.95-	110923 111093 111883 112529	14 55 14 70 14 115 14 90	06.93- 06.95 06.95-	111065 111851	12 2.2 12 2.0
E 200 2.1 CDI	(210)[OM611.961] (211)[OM646.820]	07.99- 07.99- 07.99- 03.02 07.99- 03.02 07.99- 03.02	112197 112428 113771 113772 115673	14 115 14 150 14 190 14 190 14 150 A49	07.99- 07.99- 03.02	111851 114093 115512	12 2.0 12 1.7 12 1.7 A49
E 200 2.1 CDI T-Model	(S211)[OM646.821]	04.06-	114666	14 180	04.06- 04.06-	114093 115512	12 1.7 12 1.7 A49
E 200 2.2 CDI	(210)[OM611.961] (W212)[OM651.925]	06.98- 06.98- 06.98- 03.02 06.98- 03.02 01.09-	112197 112428 113771 115673 114876	14 115 14 150 14 190 14 150 A49 14 180	06.98- 01.09-	111851 114305 114742	12 2.0 12 1.7 12 1.8
E 200 E 2.1 CDI	(211)[OM646.951]	07.02- 07.02-	113274 113944	14 200 14 200	07.02-	111851	12 2.0
E 220 2.1 BlueTec	(A207)[OM651.911] (C207) (W212)[OM651.924]				05.14- 05.14- 05.14- 05.14- 05.14-	114305 114742 114305 114742 114305 114742	12 1.7 12 1.8 12 1.7 12 1.8 12 1.7 12 1.8
E 220 2.1 CDI	(W210)[OM611.961] (211)[OM646.821] (211)[OM646.961] (A207)[OM651.911] (C207) (S212)[OM651.924] (W212)	07.99- 03.02 07.99- 03.02 07.99- 03.02 07.99- 03.02 01.10- 07.09- 07.09- 01.09- 01.09-	112197 112428 113771 115673 113953 113944 113274 115437 114876 115437 114876 114876 115437	14 115 14 150 14 190 14 150 A49 14 200 14 200 14 200 14 180 14 180 14 180 14 180 14 180	07.99- 03.02 07.99- 03.02 04.06- 03.03- 01.10- 01.10- 01.10- 07.09- 07.09- 01.09- 01.09-	111851 114093 115512 111851 114305 114742 114305 114742 114305 114742 114305 114742	12 2.0 12 1.7 12 1.7 A49 12 2.0 12 1.7 12 1.8 12 1.7 12 1.8 12 1.7 12 1.8 12 1.7 12 1.8
E 220 2.2	(124)[M111.960]	06.93- 06.97 06.93- 06.97 06.93- 06.97 Eng. 021892- 06.93- Eng. -021891 06.93- AT, Eng. 043680- 06.93- AT, Eng. -043679 06.93-	111354 111369 112530 111369 111354 111369 111354	14 70 14 90 14 120 14 90 14 70 14 90 14 70	06.93- 06.97	111347	12 1.2
E 220 2.2 CDI	(210)[OM611.961] (W211)[OM646.821] (C207)[OM651.911] (S212)[OM651.924] (S212)[OM651.925]	03.02- 06.98- 07.99 06.98- 08.00 06.98- 03.03 07.99- 03.03 07.99- 03.03 Eng. 007601 -044618 06.98- Eng. 007601- 07.99-	113274 112197 112428 115673 113771 113772 112197 112197	14 200 14 115 14 150 14 150 A49 14 190 14 190 14 115 14 115	06.98- 03.03 03.03- 12.08 03.03- 12.08 07.14- A25 07.14-	111851 114093 115512 114305 114742	12 2.0 12 1.7 12 1.7 A49 12 1.7 12 1.8
E 220 2.2 Diesel	(210)[OM604.912]	06.95- 06.99 06.95- 06.99	111883 112529	14 115 14 90	06.95- 01.96- 06.99	111065 111851	12 2.2 12 2.0
E 220 2.2 Diesel BlueTec	(S212)[OM651.924]				05.15- 05.15-	114305 114742	12 1.7 12 1.8
E 220 2.2 Diesel Bluetec 4-Matic	(S212)[OM651.924] (W212)				12.14- 12.14- 01.15- 01.15-	114305 114742 114305 114742	12 1.7 12 1.8 12 1.7 12 1.8
E 220 T 2.1 CDI	(S210)[OM611.961]	05.99- 03.03 05.99- 03.03 05.99- 03.03 05.99- 03.03	112197 112428 113771 115673	14 115 14 150 14 190 14 150 A49	05.99- 03.03	111851	12 2.0
E 220 T 2.2 CDI	(S211)[OM646.821]				03.03- 07.09 03.03- 07.09	114093 115512	12 1.7 12 1.7 A49
E 230 2.3	(210)[M111.970]	06.95- 08.97 06.95- 08.97 AT, Eng. -035180 06.95-	111369 112530 111369	14 90 14 120 14 90	06.95- 08.97	111347	12 1.2
E 230 2.5	(W211)[M272.922]	09.07- 09.07-	115532 115905	14 180 14 150			
E 230 2.5 Turbo T-Model	(S211)[M272.922]	05.07-	115532	14 180			
E 240 2.4	(210)[M112.911]	06.97- 06.97- 03.03 09.97-	113302 113835 111902	14 120 14 120 14 115	06.97-	113282	12 1.4

## STARTERS & ALTERNATORS



E 240 2.6	(211)[M112.913]	03.02-	113302	14 120	03.02-	113282	12 1.4	
		03.02-	113835	14 120				
		03.02-	114836	14 150				
	(210)[M112.914]	08.00- 03.03	113835	14 120				
	Chas. B080432-, X035650-	08.00- 03.02	113302	14 120				
Chas. -B080431, -X035649	08.00- 03.03	111902	14 115	08.00- 03.03	113282	12 1.4		
(211)[M112.917]	03.02-	113835	14 120	03.02-	113282	12 1.4		
	03.02-	114836	14 150					
E 240 2.6 4 Matic	(211)[M112.917]	03.03-	113835	14 120				
		03.03-	114836	14 150				
		09.03-	113302	14 120	09.03-	113282	12 1.4	
E 250 1.8 CGI	(A207)[M271.860]				01.10-	113513	12 1.1	
					01.10-	115771	12	
E 250 1.8 CGI	(C207)[M271.860]				01.09-	113513	12 1.1	
					01.09-	115771	12	
	(S212)				11.09-	113513	12 1.1	
					11.09-	115771	12	
	(W212)				01.09-	113513	12 1.1	
					01.09-	115771	12	
E 250 2.1 CDi	(A207)[OM651.911]	01.10-	115437	14 180	01.10-	114305	12 1.7	
					01.10-	114742	12 1.8	
	(C207)	01.09-	115437	14 180	01.09-	114305	12 1.7	
					01.09-	114742	12 1.8	
	(W212)[OM651.924]	01.09-	114876	14 180	01.09-	114305	12 1.7	
		01.09-	115437	14 180	01.09-	114742	12 1.8	
E 250 2.1 CDi 4-matic	(W212)[OM651.924]	01.09-	115580	14 180	01.09-	114305	12 1.7	
					01.09-	114742	12 1.8	
E 250 2.2 CDi	(S212)[OM651.924]	11.09-	114876	14 180	11.09-	114305	12 1.7	
		11.09-	115437	14 180	11.09-	114742	12 1.8	
E 250 2.2 CDi 4-Matic	(S212)[OM651.924]	07.10-	115580	14 180	07.10-	114305	12 1.7	
					07.10-	114742	12 1.8	
E 250 2.5 Diesel	(124)[OM605.911]	07.93- 06.95	111354	14 70	07.93- 06.95	111065	12 2.2	
		07.93- 06.95	112529	14 90				
		07.93- 06.95	113768	14 95				
	(210)[OM605.912]	07.93- 06.99	112529	14 90	01.96-	111851	12 2.0	
	06.95-	111883	14 115	06.95-	111065	12 2.2		
E 250 2.5 TD	(124)[OM602.962]	06.93- 06.95	110923	14 55	06.93- 06.95	111065	12 2.2	
		06.93- 06.96	111093	14 70				
	(124)[OM605.911]	06.93- 06.96	111354	14 70	06.93- 06.96	111851	12 2.0	
		06.93- 06.96	112529	14 90				
			06.93- 06.96	113768	14 95			
	(210)[OM605.912]	06.96-	111883	14 115	06.96-	111851	12 2.0	
(210)[OM605.962]	07.93- 06.99	112529	14 90					
	06.97-	111883	14 115	06.97-	111851	12 2.0		
E 270 2.7 CDi	(210)[OM612.961]	03.02-	113274	14 200	07.99-	112440	12 2.2	
		07.99-	112428	14 150				
		07.99- 03.02	113771	14 190				
		07.99- 03.02	113772	14 190				
		07.99- 03.02	115673	14 150 A49				
	(211)[OM647.961]	03.02-	113274	14 200	03.02-	111851	12 2.0	
		03.02-	113944	14 200	03.02-	112440	12 2.2	
	(W211)	03.02- 12.08	113274	14 200	03.02- 12.08	112440	12 2.2	
		03.02- 12.08	113944	14 200	03.02- 12.08	115334	12 2.0	
		03.03-	113274	14 200	03.03-	111851	12 2.0	
	03.03-	113944	14 200					
E 270 T 2.7 CDi	(210)[OM612.961]	03.02-	113274	14 200	07.99-	111851	12 2.0	
		07.99-	112428	14 150				
		07.99- 03.03	113771	14 190				
	(S211)[OM647.961]	07.99- 03.03	115673	14 150 A49	03.03- 07.09	112440	12 2.2	
	03.03- 07.09	113944	14 200					
E 280 2.8	(124)[M104.942]	06.93- 06.96	111369	14 90	07.93- 05.96	111851	12 2.0	
		06.93- 06.96	112530	14 120				
	(210)[M112.921]	12.96- 03.03	111850	14 143	07.96- 01.03	113282	12 1.4	
		12.96-	111902	14 115				
		12.96- 03.03	113835	14 120				
	03.97-	113302	14 120					
Chas. B080432-, X035650-	12.96- 03.02	113302	14 120					
Chas. -B080431, -X035649	03.97- 01.03	111902	14 115					
E 280 2.8 4 Matic	(210)[M112.921]	07.96- 01.03	111850	14 143	07.96- 03.03	113282	12 1.4	
		12.96- 03.03	113835	14 120				
		03.97-	111902	14 115				
		07.96- 01.03	113302	14 120				
Chas. B080432-, X035650-	07.96- 01.03	113302	14 120					
Chas. -B080431, -X035649	07.96- 01.03	111902	14 115					
E 280 3.0	(211)[M272.943]	03.05-	114454	14 180				
		03.05-	115905	14 150				
E 280 3.0 4 Matic	(211)[M272.943]	03.05-	115532	14 180	03.05-	113282	12 1.4	
E 280 3.0 CDi	(211)[OM642.920]	03.05-	114042	14 180 A49				
		03.05-	114380	14 180 A49				
		03.05-	116060	14 180				
		03.05-	116113	14 180				
E 280 3.0 CDi 4 Matic	(211)[OM642.921]	03.05-	114042	14 180 A49				
		03.05-	114380	14 180 A49				
		03.05-	116060	14 180				
		03.05-	116113	14 180				
E 280 3.2 CDi	(211)[OM648.961]	Eng. 3004254	05.04-	113953	05.04-	111851	12 2.0	
		Eng. -30042543	05.04-	113944				14 200
E 280 E 2.8	(210)[M104.945]	01.96- 02.97	111369	14 90				
		01.96- 02.97	112539	14 110				
E 290 2.9 TD	(210)[OM602.982]	01.96-	111890	14 90	06.96-	111851	12 2.0	
		03.96- 06.99	112529	14 90				
		06.96-	111883	14 115				
E 290 E 2.9 TD	(210)[OM602.982]	01.96-	111883	14 115	03.96-	111065	12 2.2	
E 300 2.1 Hybrid Hybrid	(S212)[OM651.924]				12.11-	114742	12 1.8	
E 300 3.0	(S212)[M272.952]				11.09-	115770	12 1.1	
		11.09-	115532	14 180	RHD 11.09-	115825	12 1.1	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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MERCEDES-BENZ Continued

	(W212)	01.09-	115532	14	180			01.09- RHD 01.09-	115770 115825	12	1.1 1.1
E 300 3.0 4 Matic	(124)[M103.985]	06.93- 08.94 06.93- 06.95 06.93- 06.95 Eng. 002377- 06.93- 06.95 Eng. -002376 06.93- Eng. 002357- 06.93- 06.95 Eng. -002187 06.93- AT, Eng. -009456 06.93- AT, Eng. -008221 06.93- AT, Eng. 002357- 06.93- 06.95 AT, Eng. 002357- 06.93- 06.95	111093 111149 111354 111354 111093 111369 112734 111093 112734 111354 111369	14 14 14 14 14 14 14 14 14 14 14	70 80 70 70 90 80 70 80 70 70 90						
E 300 3.0 CDI	(S212)[OM642.850]	03.11- 03.11- 03.11- 03.11-	114042 115924 116080* 116113	14 14 14 14	180 A49 180 220 180						
	(W212)	12.09- 12.10 12.09- 12.10 12.09- 12.10 03.11-	115924 116080* 116113 114042	14 14 14 14	180 220 180 180 A49			A25 03.11-	116083	12	1.8
	(W212)[OM642.852]	03.11- 03.11-	115924 116080*	14 14	180 220			A25 03.11-	116083	12	1.8
E 300 3.0 Diesel	(124)[OM606.910]	07.93- 06.95 07.93- 06.95 07.93- 06.95 06.95- 02.97 02.97	111354 112529 113768 112529 111883	14 14 14 14 14	70 90 95 90 115			07.93- 06.95	111065	12	2.2
	(210)[OM606.912]	06.95- 02.97 02.97	112529 111883	14 14	90 115			06.95-	111065	12	2.2
E 300 3.0 TD	(124)[OM603.960]	06.93- 06.95 06.93- 06.96 Eng. 051061- 06.93- Eng. -051060 06.93-	111093 113768 112529 111093	14 14 14 14	70 95 90 70			06.93- 06.95	111065	12	2.2
	(124)[OM606.910]	06.93- 06.96 06.93- 06.96 06.93- 06.96	111354 112529 113768	14 14 14	70 90 95						
	(210)[OM606.962]	12.96- 06.99 12.96-	111883 111890	14 14	115 90						
E 300 3.0 TD 4 Matic	(124)[OM603.963]	06.93- 06.95 06.93- 06.96 Eng. 004326- 06.93- Eng. -004325 06.93-	111093 113768 112529 111093	14 14 14 14	70 95 90 70			06.93- 06.95	111065	12	2.2
E 300 3.5	(S212)[M276.952]							07.11-	115734	12	2.0
	(A207)[M276.957]							04.11-	115734	12	2.0
	(C207)							04.11-	115734	12	2.0
E 300 3.5 4-Matic	(S212)[M276.952]							07.11-	115734	12	2.0
E 300 3.5 BlueEfficiency	(W212)[M276.952]							07.11-	115734	12	2.0
E 300 3.5 BlueEfficiency 4-matic	(W212)[M276.952]							07.11-	115734	12	2.0
E 300 CE 3.0	(124)[M103.983]	03.87- 12.89 01.90- 05.93	111093 111354	14 14	70 70						
E 300 Hybrid 2.1 Hybrid	(W212)[OM651.924]							12.11-	114742	12	1.8
E 300 TE-24 AMG 3.0	(124)[M104.980]	06.93- 06.96 06.93- 06.96	111369 112734	14 14	90 80						
E 320 3.0 CDI	(211)[OM642.920]	03.05- 03.05- 03.05- 03.05-	114042 114380 116060 116113	14 14 14 14	180 A49 180 A49 180 180						
E 320 3.0 CDI 4 Matic	(211)[OM642.910]	03.05- 03.05-	114042 116113	14 14	180 A49 180						
	(211)[OM642.920]	03.05- 03.05-	114042 116113	14 14	180 A49 180						
E 320 3.2	(124)[M104.992]	10.92- 06.98 06.93- 06.98	111369 112530	14 14	90 120						
	(124)[M104.995]	06.93- 06.98 06.93- 06.98	111369 112530	14 14	90 120						
	(210)	06.95- 02.97 06.95- 02.97 06.95-	111369 112530 112539	14 14 14	90 120 110			06.95- 02.97	111851	12	2.0
	(210)[M112.941]	12.96- 03.03 03.97-	113835 111902	14 14	120 115						
	Chas. B080432-, X035650-	03.97- 03.03	113302	14	120						
	Chas. -B080431, -X035649	03.97- 03.03	111902	14	115			03.97- 03.03	113282	12	1.4
	(211)[M112.949]	03.02-	114836	14	150			03.02-	113282	12	1.4
E 320 3.2 4 Matic	(210)[M112.941]	12.96- 03.03 06.97-	113835 111902	14 14	120 115			12.96- 03.02	113282	12	1.4
	Chas. B080432-, X035650-	06.97- 03.02	113302	14	120						
	Chas. -B080431, -X035649	06.97- 03.02	111902	14	115						
	(211)[M112.954]	03.03-	114836	14	150			09.03-	113282	12	1.4
E 320 3.2 CDI	(210)[OM613.961]	07.99- 07.99- 03.02 07.99- 03.02 07.99- 03.02	112428 113771 113772 115673	14 14 14 14	150 190 190 150 A49			07.99-	112440	12	2.2
	[OM648.961]	11.02- Eng. 30042544- 11.02- Eng. 30042544- 03.03- Eng. -30042543 11.02-	113772 113953 113944 113944	14 14 14 14	190 200 200 200			11.02-	111851	12	2.0
E 320 T 3.2 CDI	(210)[OM613.961]	07.99- 07.99- 03.03 07.99- 03.03 07.99- 03.03	112428 113771 113772 115673	14 14 14 14	150 190 190 150 A49			07.99- 06.97-	111851 113282	12 12	2.0 1.4
E 350 3.0 BlueTec	(A207)[OM642.838]	06.13-	115924	14	180			A25 06.13- A25 06.13-	116083 116084*	12 12	1.8 1.8 RHD
	(C207)	03.13-	115924	14	180			A25 03.13- A25 03.13-	116083 116084*	12 12	1.8 1.8 RHD



	(S212)[OM642.852]	11.12- 11.12- 11.12- 11.12-	114042 115924 116080* 116113	14 180 A49 14 180 14 220 14 180	A25 11.12- A25 11.12-	116083 116084*	12 1.8 12 1.8	RHD
	(W212)	11.12-	116080*	14 220	A25 11.12- A25 11.12-	116083 116084*	12 1.8 12 1.8	RHD
E 350 3.0 BlueTEC 4-matic	(W212)[OM642.852]	11.12- 11.12-	115924 116080*	14 180 14 220	A25 11.12- A25 11.12-	116083	12 1.8	
	(S212)[OM642.858]	11.12- 11.12- 11.12- 11.12-	114042 115924 116080* 116113	14 180 A49 14 180 14 220 14 180	A25 11.12- A25 11.12-	116083 116084*	12 1.8 12 1.8	RHD
	(W212)	11.12- 11.12- 11.12- 11.12-	114042 115924 116080* 116113	14 180 A49 14 180 14 220 14 180	A25 11.12- A25 11.12-	116083 116084*	12 1.8 12 1.8	RHD
E 350 3.0 CDI	(A207)[OM642.836]				A25 01.10-	116083	12 1.8	
	(C207)				A25 01.09-	116083	12 1.8	
	(A207)[OM642.838]	04.11-	115924	14 180	A25 04.11- A25 04.11-	116083 116084*	12 1.8 12 1.8	RHD
	(C207)	04.11-	115924	14 180	A25 04.11-	116083	12 1.8	
	(S212)[OM642.852]	07.11- 07.11-	115924 116080*	14 180 14 220	A25 07.11- A25 07.11-	116083 116084*	12 1.8 12 1.8	RHD
	(W212)	03.11- 03.11-	115924 116080*	14 180 14 220	A25 03.11-	116083	12 1.8	RHD
E 350 3.0 CDI 4-matic	(W212)[OM642.858]	03.11- 03.11-	115924 116080*	14 180 14 220	A25 03.11- A25 03.11-	116083 116084*	12 1.8 12 1.8	RHD
E 350 3.0 CDI 4-Matic 4x4	(S212)[OM642.858]	07.11- 07.11-	115924 116080*	14 180 14 220	A25 07.11- A25 07.11-	116083 116084*	12 1.8 12 1.8	RHD
E 350 3.0 CDI BlueTEC	(W212)[OM642.850]	01.09- 01.09-	115924 116080*	14 180 14 220				
E 350 3.0 Diesel	(W213)[OM642.855]				01.16-	114178	12 1.4	
E 350 3.0 Diesel BlueTEC	(S212)[OM642.850]	11.09- 11.09-	115924 116080*	14 180 14 220				
	(S212)[OM642.852]	07.14- 07.14- 07.14- 07.14-	114042 115924 116080* 116113	14 180 A49 14 180 14 220 14 180	A25 07.14-	116083	12 1.8	
E 350 3.0 Diesel Bluetec 4-Matic	(S212)[OM642.858, OM642.852]	07.14- 07.14- 07.14- 07.14-	114042 115924 116080* 116113	14 180 A49 14 180 14 220 14 180	A25 07.14-	116083	12 1.8	
E 350 3.5	(211)[M272.964]	03.05- 03.05- 03.05-	114454 115905 116081*	14 180 14 150 14 220				
	(211)[M272.972]	03.05- 03.05-	114454 116081*	14 180 14 220				
	(S212)[M272.980]	08.09-	115532	14 180	08.09- RHD 08.09-	115770 115825	12 1.1 12 1.1	
	(W212)	01.09- 01.09-	115532 115905	14 180 14 150	01.09- RHD 01.09-	115770 115825	12 1.1 12 1.1	
	(S212)[M276.952]				09.11-	115734	12 2.0	
	(W212)				09.11-	115734	12 2.0	
	(A207)[M276.957]				04.11-	115734	12 2.0	
	(C207)				04.11-	115734	12 2.0	
E 350 3.5 4 Matic	(211)[M272.964]	03.05- 03.05-	115532 116081*	14 180 14 220	03.05-	113282	12 1.4	
	(211)[M272.972]	03.05- 03.05-	115532 116081*	14 180 14 220	03.05-	113282	12 1.4	
	(C207)[M276.957]				02.13-	115734	12 2.0	
E 350 3.5 4-Matic	(S212)[M272.977]	11.09-	115532	14 180	RHD 11.09-	115825	12 1.1	
	(W212)	01.09- 08.11	115532	14 180	RHD 01.09- 08.11	115825	12 1.1	
	(S212)[M276.952]				09.11-	115734	12 2.0	
	(W212)				09.11-	115734	12 2.0	
E 350 3.5 CGI	(A207)[M272.982]	01.10-	115905	14 150	01.10- RHD 01.10-	115770 115825	12 1.1 12 1.1	
	(A207)[M272.984]	01.10-	115905	14 150	01.10-	115770	12 1.1	
E 350 3.5 CGI	(C207)[M272.982]	01.09-	115905	14 150	01.09- RHD 01.09-	115770 115825	12 1.1 12 1.1	
	(W212)	01.09- 08.11	115532	14 180	01.09- 08.11	115770	12 1.1	
	(S212)[M272.983]	11.09-	115532	14 180	11.09- RHD 11.09-	115770 115825	12 1.1 12 1.1	
	(W212)	01.09- 08.11	115532	14 180	01.09- 08.11 RHD 01.09- 08.11	115770 115825	12 1.1 12 1.1	
	(C207)[M272.984]	01.09-	115905	14 150	01.09- 01.09-	115770 115825	12 1.1 12 1.1	
	(W211)[M272.985]	09.07-	115905	14 150				
E 36 AMG 3.6	(124)[M104.992]	03.93- 06.98 05.94- 05.96	111369 112530	14 90 14 120	03.94- 06.98	111851	12 2.0	
E 400 3.0	(C207)[M276.820]				06.13-	115734	12 2.0	
	(S212)				01.13-	115734	12 2.0	
	(W212)				01.13-	115734	12 2.0	
E 400 3.0 4-matic	(S212)[M276.820]				01.13-	115734	12 2.0	
	(W212)				01.13-	115734	12 2.0	
E 400 4.0 CDI	[OM628.961]	02.03-	115897*	14 200	02.03-	115408*	12 2.3	
E 420 4.0 CDI	(211)[OM629.910]				01.06-	115939	12 2.2	
E 420 4.2	(124)[M119.975]	06.93- 05.96	112539	14 110				
	(210)[M119.985]	06.96- 08.97 06.96-	111850 112539	14 143 14 110				
E 420 E 4.2	(210)[M119.985]	01.96- 08.97	112539	14 110				
E 430 4.3	(210)[M113.940]	06.97- 08.01 06.97- 03.03	111850 114836	14 143 ▲ 14 150				
E 430 4.3 4 Matic	(210)[M113.940]	05.99- 08.01 05.99- 03.02	111850 114836	14 143 ▲ 14 150				
E 430 T 4.3 4 Matic	(210)[M113.940]	05.99- 08.01 05.99- 03.03	111850 114836	14 143 ▲ 14 150				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**MERCEDES-BENZ** *Continued*

E 50 AMG 5.0	(210)[M119.985]	02.96- 08.97	111850	14	143				
E 500 4.7	(A207)[M278.922]					09.11-	116002	12	1.7
	(C207)					09.11-	116002	12	1.7
	(S212)					09.11-	116002	12	1.7
	(W212)					09.11-	116002	12	1.7
E 500 4.7 4-Matic	(S212)[M278.922]					09.11-	116002	12	1.7
	(W212)					09.11-	116002	12	1.7
E 500 5.0	(211)[M113.967]	03.02-	114836	14	150				
		09.03-	111902	14	115				
	(124)[M119.974]	06.93- 06.95	112539	14	110				
E 500 5.0 4 Matic	(211)[M113.969]	10.03-	114836	14	150				
		10.03- 06.05	114836	14	150				
E 500 5.5	(211)[M273.960]	04.06-	114454	14	180	04.06-	115770	12	1.1
	(A207)[M273.966]	01.10-	115532	14	180	01.10-	115770	12	1.1
						RHD 01.10-	115825	12	1.1
	(C207)	01.09-	115532	14	180	01.09-	115770	12	1.1
						RHD 01.09-	115825	12	1.1
	(S212)[M273.971]	11.09-	115532	14	180	11.09-	115770	12	1.1
						RHD 11.09-	115825	12	1.1
	(W212)	01.09-	115532	14	180	RHD 01.09-	115825	12	1.1
E 500 5.5 4 Matic	(211)[M273.962]					04.06-	115770	12	1.1
E 500 5.5 4-Matic	(W212)[M273.970]	01.09-	115532	14	180	RHD 01.09-	115825	12	1.1
E 55 AMG 5.4	(210)[M113.980]	08.97- 08.01	111850	14	143 ▲				
		08.97- 03.03	114836	14	150				
E 55 AMG 5.4	(210)[M113.980]	08.97- 08.01	111850	14	143 ▲				
		08.97- 03.02	114836	14	150				
	(211)[M113.990]	07.03-	114737	14	180				
E 55 AMG 5.4 4 Matic	(210)[M113.980]	03.01- 03.03	114836	14	150				
		03.98- 08.01	111850	14	143				
E 55 AMG 5.4 Kompressor	(211)[M113.990]	10.02-	114737	14	180				
E 550 4.7	(A207)[M278.922]					09.11-	116002	12	1.7
E 60 AMG 6.0	(124)[M119.974]	07.93- 06.95	112539	14	110 ▲				
E 63 AMG 5.5	(S212)[M157.981]					02.11-	116002	12	1.7
	(W212)					02.11-	116002	12	1.7
E 63 AMG 5.5 AMG	(S212)[M157.980]					02.11-	116002	12	1.7
	(W212)					02.11-	116002	12	1.7
	(S212)[M157.981]					02.11-	116002	12	1.7
	(W212)					02.11-	116002	12	1.7
E 63 AMG 6.2	(211)[M156.983]	03.06-	115532	14	180				
	(S212)[M156.985]	08.09-	115532	14	180				
E 63 AMG 6.2 AMG	(W212)[M156.985]	12.09-	115532	14	180				
E-Class 3.5 4 Matic T-Model	(S211)[M272.972]	08.04- 08.06	115532	14	180				
		08.04- 08.06	116081*	14	220				
G 270 2.7 CDI	(463)[OM612.965]	10.01-	113772	14	190				
		03.79- 05.80	110358	14	55	10.01-	111851	12	2.0
G 300 3.0 TD	(463)[OM606.964]	08.96-	111890	14	90				
G 320 3.0 CDI	(W461)[OM642.884]	04.09-	113351	28	100				
		04.09-	114042	14	180 A49				
		04.09-	116113	14	180				
G 320 3.2	(463)[M104.996]	09.94- 11.97	111369	14	90	08.93- 11.97	111851	12	2.0
	(463)[M112.945]	12.97-	111902	14	115	07.97-	113282	12	1.4
G 350 3.0 CDI	(W463)[OM642.886]	07.11-	114042	14	180 A49				
		07.11-	116113	14	180				
G 36 AMG 3.6	(463)[M104.996 (AMG3,6)]	01.95-	111369	14	90	01.95-	111851	12	2.0
G 400 4.0 CDI	(463)[OM628.962]	12.00-	112428	14	150	12.00-	115408*	12	2.3
		12.00-	115673	14	150 A49				
		12.00-	115897*	14	200				
G 500 5.0	(463)[M113.962]	04.98-	111902	14	115				
G 500 5.5	(W463)[M273.963]	12.09-	115532	14	180	12.09-	115770	12	1.1
G 500 E 5.0	(463)[M117.965]	09.93-	111149	14	80				
G 55 AMG 5.4	(463)[M113.993]	06.04-	111902	14	115				
		06.04-	114737	14	180				
G 55 AMG 5.5 AMG	(W463)[M113.993]	08.08-	114737	14	180				
G 63 AMG 5.5	(W463)[M157.980]					05.12-	116002	12	1.7
G 65 AMG 6.0	(W463)[M279.982]					A25 05.12-	116083	12	1.8
G63 AMG 6x6 5.5	(W463)[M157.984]					12.14-	116002	12	1.7
GL 350 3.0 CDI	(X164)[OM642.822]	10.10-	114042	14	180 A49				
		10.10-	116080*	14	220				
		10.10-	116113	14	180				
GL 350 3.0 CDI BlueTEC	(X164)[OM642.820]	12.09-	116080*	14	220				
GL 450 4.7	(164)[M273.923]	09.06-	115532	14	180				
GL 500 4.7 4-matic	(X166)[M278.928]					07.12-	116002	12	1.7
GL 500 5.5	(164)[M273.963]	09.06-	115532	14	180				
GL 63 AMG 5.5	(X166)[M157.982]					07.12-	116002	12	1.7
GLA 180 1.5 CDI	(X156)[OM607.951]					07.14-	115607	12	1.7
GLA 180 1.6	(X156)[M270.910]					02.15-	115589	12	1.7
GLA 200 1.6	(X156)[M270.910]					12.13-	115589	12	1.7
GLA 200 2.1 CDI	(X156)[OM651.930]	12.13-	115759*	14	150	12.13-	115607	12	1.7
GLA 200 2.1 CDI 4 Matic	(X156)[OM651.930]	12.13-	115759*	14	150	12.13-	115607	12	1.7
GLA 220 2.1 CDI	(X156)[OM651.930]	12.13-	115759*	14	150	12.13-	115607	12	1.7
GLA 220 2.1 CDI 4 Matic	(X156)[OM651.930]	12.13-	115759*	14	150	12.13-	115607	12	1.7
GLA 220 2.2 Diesel	(X156)[OM651.930]	07.15-	115759*	14	150	07.15-	115607	12	1.7
GLA 220 2.2 Diesel 4-Matic	(X156)[OM651.930]	07.15-	115759*	14	150	07.15-	115607	12	1.7
GLA 250 2.0	(X156)[M270.920]					12.13-	115589	12	1.7
GLA 250 2.0 4 Matic	(X156)[M270.920]					12.13-	115589	12	1.7
GLC 220 2.2 Diesel 4-matic	(C253)[OM651.921]					06.16-	114742	12	1.8
	(X253)					06.15-	114742	12	1.8
GLC 250 2.2 Diesel 4-matic	(C253)[OM651.921]					06.16-	114742	12	1.8
	(X253)					06.15-	114742	12	1.8
GLE 250 2.2 Diesel 4-Matic	(W166)[OM651.960]					04.15-	114742	12	1.8
GLE 500 4.7 4-Matic	(C292)[M278.928]					10.15-	116002	12	1.7
	(W166)					04.15-	116002	12	1.7
GLE AMG 63 5.5 4-Matic	(C292)[M157.982]					03.15-	116002	12	1.7
GLE AMG 63 S 5.5 4-Matic	(C292)[M157.982]					03.15-	116002	12	1.7
GLK 200 2.1 CDI	(X204)[OM651.916]	12.13-	114876	14	180	12.13-	114305	12	1.7
		12.13-	115437	14	180	12.13-	114742	12	1.8



GLK 200 2.2 CDI	(X204)[OM651.913]	07.10-	114876	14 180	07.10-	114305	12 1.7
		07.10-	115437	14 180	07.10-	114742	12 1.8
	(X204)[OM651.916]	07.10-	114876	14 180	07.10-	114305	12 1.7
		07.10-	115437	14 180	A25 07.10-	114742	12 1.8
GLK 220 2.1 CDI	(X204)[OM651.912]	12.08-	115580	14 180	12.08-	114305	12 1.7
					A44 12.08-	114742	12 1.8
	(X204)[OM651.916]	12.08-	114876	14 180	12.08-	114305	12 1.7
		12.08-	115437	14 180	AT 12.08-	114742	12 1.8
GLK 220 2.2 CDI	(X204)[OM651.916]	12.08-	114876	14 180	12.08-	114305	12 1.7
GLK 220 2.2 CDI 4-matic	(X204)[OM651.912]	12.08-	115580	14 180	12.08-	114305	12 1.7
GLK 250 2.1 CDI	(X204)[OM651.912]	09.09-	115580	14 180	09.09-	114305	12 1.7
GLK 280 3.0 4 Matic	(X204)[M272.948]	06.08-	115905	14 150	A44 09.09-	114742	12 1.8
GLK 300 3.0 4 Matic	(X204)[M272.948]	07.09-	115905	14 150	RHD 06.08-	115825	12 1.1
GLK 300 3.5 4-Matic	(X204)[M276.957]				RHD 07.09-	115825	12 1.1
GLK 350 3.0 CDI 4-matic	(X204)[OM642.832]	02.10-	114042	14 180 A49	02.10- 05.10	114178	12 1.4
		02.10- 05.10	116113	14 180			
	(X204)[OM642.835]	07.12-	115924	14 180	A25 07.12-	116083	12 1.8 RHD
GLK 350 3.5	(X204)[M272.991]				A25 07.12-	116084*	12 1.8
					04.09-	113282	12 1.4
GLK 350 3.5 4 Matic	(X204)[M272.971]	06.08-	115905	14 150	04.09-	115770	12 1.1
GLK 350 3.5 4-matic	(X204)[M276.957]				RHD 06.08-	115825	12 1.1
GLS 500 4.7 4-Matic	(X166)[M278.928]				RHD 06.08-	115825	12 1.1
ML 230 2.3	(163)[M111.977]	02.98-	111369	14 90	06.08-	115825	12 1.1
ML 250 2.2 CDI BlueTec 4-matic	(166)[OM651.960]	06.11-	114876	14 180	06.08-	115825	12 1.1
		06.11-	115437	14 180	RHD 06.08-	115734	12 2.0
ML 270 2.7 CDI	(163)[OM612.963]	12.99-	112428	14 150	11.15-	116002	12 1.7
		12.99- 06.05	113771	14 190	02.98-	11347	12 1.2
		12.99- 06.05	113772	14 190	06.11-	114742	12 1.8
		12.99- 06.05	115673	14 150 A49			
ML 280 3.0 CDI 4 Matic	(164)[OM642.940]	07.05-	116080*	14 220			
ML 300 3.0 CDI 4 Matic	(W164)[OM642.820]	02.10-	116080*	14 220			
		02.10-	116080*	14 220			
ML 300 3.0 CDI 4-Matic	(W164)[OM642.940]	07.09-	116080*	14 220			
ML 320 3.2 V6	(163)[M112.942]	02.98- 07.02	111902	14 115	02.98-	113282	12 1.4
ML 350 3.0 CDI 4 Matic	(W164)[OM642.820]	02.98- 07.02	113302	14 120			
		02.10-	116080*	14 220			
ML 350 3.0 CDI 4-Matic	(W164)[OM642.940]	07.09-	116080*	14 220			
ML 350 3.0 Diesel BlueTEC 4-Matic	(W164)[OM642.820]	09.09-	116080*	14 220			
ML 350 3.5 4 Matic	(164)[M272.967]	07.05-	115532	14 180			
		07.05-	116081*	14 220			
ML 350 3.7	(163)[M112.970]	08.02- 06.05	113302	14 120	08.02-	113282	12 1.4
		02.03- 06.05	113302	14 120	02.03-	113282	12 1.4
ML 400 3.0 4 Matic	(166)[M276.821]				08.13-	116002	12 1.7
ML 400 4.0 CDI	(163)[OM628.963]	09.01-	112428	14 150	09.01- 06.05	115408*	12 2.3
		09.01- 06.05	115673	14 150 A49			
		09.01- 06.05	115897*	14 200			
ML 430 4.3	(163)[M113.942]	02.98- 06.05	111850	14 143 ▲			
ML 500 4.7 4-Matic	(166)[M278.928]				02.12-	116002	12 1.7
ML 500 5.0	(163)[M113.964]	09.01-	111850	14 143 ▲	09.01- 06.05	113282	12 1.4
		09.01-	111902	14 115			
		09.01-	113489	14 150			
		(163)[M113.965]	09.01-	111850	14 143 ▲	09.01-	113282
ML 500 5.0 4 Matic	(164)[M113.964]	07.05-	114737	14 180			
ML 500 5.5 4 Matic	(W164)[M273.963]				12.07-	115770	12 1.1
ML 55 AMG 5.4	(163)[M113.981]				02.00- 06.05	113282	12 1.4
ML 63 AMG 5.5 4-Matic	(166)[M157.980]				11.11-	116002	12 1.7
					11.11-	116002	12 1.7
ML 63 AMG 6.2 4 Matic	(164)[M156.980]	01.06-	115532	14 180			
O 810 4.3	[OM904.904]	09.96-	112561	28 80	09.96-	111982	24 4.0
		09.96-	113448	28 100	09.96-	114523	24 4.0
O 812 2.9	[OM602.984]				09.96- 09.06	115514	24 4.0 A49
		09.96-	111883	14 115	09.96-	111851	12 2.0
O 814 4.3	[OM602.985]				09.96-	111851	12 2.0
		09.96-	112561	28 80	09.96-	111982	24 4.0
O 815 4.3	[OM904.908]	09.96-	112561	28 80	09.96-	114523	24 4.0
		09.96-	113448	28 100	09.96- 01.01	115514	24 4.0 A49
					09.96-	111982	24 4.0
Pullmann 600 6.3	[OM904.923]	09.96-	113448	28 100	09.96- 01.01	115514	24 4.0 A49
R 280 3.0	[M100.980]	08.73- 01.79	110358	14 55			
		08.73- 01.79	110358	14 55			
R 280 3.0 CDI	(W251)[M272.945]	01.07-	115532	14 180			
		05.06-	116080*	14 220			
		05.06-	116080*	14 220			
R 280 3.0 CDI 4 Matic	(251)[OM642.950]	05.06-	116080*	14 220			
		05.06-	116080*	14 220			
R 300 3.0	(W251)[M272.945]	07.09-	115532	14 180	07.09-	115770	12 1.1
R 300 3.0 CDI	(W251)[OM642.870]	07.09-	116080*	14 220			
		07.09-	116080*	14 220			
		07.09-	116080*	14 220			
R 300 3.0 CDI 4-Matic	(W251)[OM642.950]	07.09-	116080*	14 220			
R 320 3.0 CDI 4 Matic	(251)[OM642.950]	01.06-	116080*	14 220			
R 320 3.0 CDI 4-Matic	(W251, V251)[OM642.870]	01.06-	114042	14 180 A49			
		01.06-	116080*	14 220			
		01.06-	116113	14 180			
		(W251, V251)[OM642.950]	01.06-	114042	14 180 A49		
R 350 3.0 4-Matic	(W251)[OM642.870]	01.06-	116080*	14 220	01.06-	115770	12 1.1
		01.06-	116080*	14 220			
		01.06-	116113	14 180			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**MERCEDES-BENZ** *Continued*

R 350 3.0 CDI 4-matic	(W251, V251)[OM642.872]	08.10-	114042	14 180 A49					
		08.10-	116080*	14 220					
		08.10-	116113	14 180					
	(W251)[OM642.950]					07.09-	115770	12 1.1	
R 350 3.5	(W251)[M272.967]	01.07-	115532	14 180		01.07-	115770	12 1.1	
R 350 3.5 4 Matic	(251)[M272.967]	01.06-	114454	14 180		01.06-	113282	12 1.4	
R 500 5.0 4 Matic	(251)[M113.971]	01.06-	114737	14 180					
R 500 5.5 4 Matic	(W251)[M273.963]	01.07-	115532	14 180					
S 250 2.1 CDI	(W221)[OM651.961]					01.11-	114742	12 1.8	
S 280 2.8	(140)[M104.944]	01.93- 10.98	112194	14 120		06.93- 09.98	111851	12 2.0	
	(220)[M112.922]	Chas. A229602 10.98- 08.05	114836	14 150					
		Chas. -A229601 10.98-	113489	14 150		10.98-	113282	12 1.4	
S 280 3.0	(W221)[M272.946]	08.06-	115532	14 180		08.06-	113282	12 1.4	
		08.06-	116081*	14 220		08.06-	115770	12 1.1	
					RHD 08.06-	115825	12 1.1		
S 300 2.1 Hybrid BlueTec	(W222)[OM651.921]					02.14-	114742	12 1.8	
S 300 3.0 TD	(140)[OM606.961]	06.96- 09.98	111883	14 115					
S 320 3.0 CDI	(221)[OM642.930]	12.05- 06.09	116080*	14 220					
	(W221)	10.05-	116080*	14 220					
S 320 3.0 CDI 4 Matic	(W221)[OM642.932]	10.06-	116080*	14 220					
S 320 3.0 CDI 4-matic	(W221)[OM642.932]	10.05-	116080*	14 220					
S 320 3.2	(220)[M112.944]	Chas. A229602 10.98- 08.05	114836	14 150					
		Chas. -A229601 10.98-	113489	14 150		10.98-	113282	12 1.4	
S 320 3.2 CDI	(220)[OM613.960]	06.99- 09.02	112428	14 150		06.99- 09.02	111851	12 2.0	
		08.99- 09.02	113771	14 190		06.99- 09.02	112440	12 2.2	
		08.99- 09.02	113772	14 190		10.98-	113282	12 1.4	
		08.99- 09.02	115673	14 150 A49					
		(220)[OM648.960]	09.02- 08.05	113944	14 200		09.02- 08.05	111851	12 2.0
S 350 3.0	(W221)[OM642.862]	04.11-	116100*	14 220					
S 350 3.0 4-Matic	(W221)[OM642.868]	04.11-	116080*	14 220		A25 04.11-	116083	12 1.8 RHD	
		04.11-	116100*	14 220		A25 04.11-	116084*	12 1.8	
S 350 3.0 BlueTEC	(W222)[OM642.861]					A25 05.13-	116084*	12 1.8	
S 350 3.0 BlueTEC 4-matic	(W222)[OM642.867]					A25 02.14-	116084*	12 1.8	
S 350 3.5	(221)[M272.965]	10.05-	115532	14 180		10.05-	113282	12 1.4	
		10.05-	116081*	14 220		RHD 10.05-	114178	12 1.4	
						RHD 10.05-	115825	12 1.1	
						04.11-	115734	12 2.0	
		(W221)[M276.950]							
S 350 3.5 4 Matic	(W221)[M272.975]	02.08-	115532	14 180		RHD 02.08-	114178	12 1.4	
		02.08-	116101*	14 220		RHD 02.08-	115825	12 1.1	
S 350 3.5 4-Matic	(W221)[M276.950]					04.11-	115734	12 2.0	
S 350 3.5 TD	(140)[OM603.971]					06.93-	111065	12 2.2	
S 350 3.7	(220)[M112.972]	09.02- 08.05	114836	14 150		Chas. - A 398576 09.02-	113282	12 1.4	
S 350 3.7 4 Matic	(220)[M112.975]	06.03- 08.05	114836	14 150		Chas. - A 398576 06.03-	113282	12 1.4	
S 400 4.0 CDI	(220)[OM628.960]	06.00- 08.05	112428	14 150		06.00- 08.05	115408*	12 2.3	
		06.00- 08.05	115673	14 150 A49					
		06.00- 08.05	115897*	14 200					
S 400 Hybrid 3.5 Hybrid	(W221)[M272.974]					01.09-	115770	12 1.1	
S 420 4.0 CDI	(221)[OM629.911]					10.06-	115939	12 2.2	
S 420 4.2	(140)[M119.971]	01.93- 08.99	111850	14 143					
		Eng. 012761- 10.94- 02.99	111850	14 143					
		Eng. 011683- 01.93- 09.95	112539	14 110					
		(140)[M119.981]	Eng. 012761- 10.94- 02.99	111850	14 143				
S 430 4.3	(220)[M113.941]	Chas. A229602- 10.98- 08.05	114836	14 150					
		Chas. -A229601 10.98-	113489	14 150					
S 430 4.3 4 Matic	(220)[M113.948]	09.02- 08.05	114836	14 150					
S 450 4.7	(W221)[M273.922]	12.05-	116081*	14 220		RHD 12.05-	114178	12 1.4	
						RHD 12.05-	115825	12 1.1	
S 450 4.7 4 Matic	(W221)[M273.924]	12.05-	116101*	14 220		RHD 12.05-	114178	12 1.4	
						RHD 12.05-	115825	12 1.1	
S 500 4.7	(C217)[M278.929] (W222)					11.14-	116002	12 1.7	
						05.13-	116002	12 1.7	
						04.11-	116002	12 1.7	
S 500 4.7 4 Matic	(W222)[M278.929]					05.13-	116002	12 1.7	
S 500 5.0	(220)[M113.960]	Chas. A229602 10.98- 08.05	114836	14 150					
		Chas. -A229601 10.98-	113489	14 150					
		(220)[M113.966]	10.98- 08.05	113489	14 150				
		(140)[M119.970]	10.98- 08.05	114836	14 150				
			10.92- 08.99	111850	14 143				
			01.93- 09.95	112539	14 110				
(140)[M119.980]	Eng. 026391- 01.93- 09.95	112539	14 110						
	01.93- 10.98	111850	14 143						
	01.93- 09.95	112539	14 110						
	Eng. 026391- 01.93- 09.95	112539	14 110						
S 500 5.0 4 Matic	(220)[M113.966]	09.02- 08.05	114836	14 150					
S 500 5.5	(221)[M273.961]	10.05-	115532	14 180		10.05-	113282	12 1.4	
		10.05-	116081*	14 220		RHD 10.05-	114178	12 1.4	
						RHD 10.05-	115825	12 1.1	
S 500 5.5 4 Matic	(221)[M273.961]	10.05-	115532	14 180		RHD 10.05-	114178	12 1.4	
		10.05-	116101*	14 220		RHD 10.05-	115825	12 1.1	
		(221)[M273.968]	10.05-	115532	14 180		RHD 10.05-	114178	12 1.4
			10.05-	116101*	14 220		RHD 10.05-	115825	12 1.1
S 500 Maybach 4.7	(W222, V222, X222)[M278.929]					12.14-	116002	12 1.7	
S 55 AMG 5.4	(220)[M113.986]	Chas. A229602 04.99- 08.05	114836	14 150					
		Chas. -A229601 04.99-	113489	14 150		04.99- 08.05	113282	12 1.4	
S 55 AMG 5.4 Kompressor	(220)[M113.991]	06.02- 08.05	114737	14 180					
S 600 5.5	(220)[M275.950]	09.02- 08.05	115905	14 150					
		(221)[M275.953]	12.05-	116100*	14 220		RHD 12.05-	114178	12 1.4
S 600 5.8	(220)[M137.970]	01.00- 08.05	115905	14 150					
S 600 6.0	(140)[M120.980]	09.92- 02.99	111850	14 143					
		Eng. 025950- 01.93- 09.95	111850	14 143					
		(140)[M120.982]	09.92- 02.99	111850	14 143				
		Eng. 025950- 01.93- 09.95	111850	14 143					
	(W222)[M277.980]					A25 02.14-	116083	12 1.8 RHD	
						02.14-	116084*	12 1.8	
S 600 Maybach 6.0	(W222, V222, X222)[M277.980]					A25 12.14-	116083	12 1.8	
S 63 AMG 5.5	(W221)[M157.980]					02.12-	116002	12 1.7	



	(C217)[M157.985]					07.14-	116002	12	1.7
	(W222)					05.13-	116002	12	1.7
S 63 AMG 5.5 4 Matic	(W222)[M157.985]					05.13-	116002	12	1.7
S 63 AMG 5.5 AMG	(W221)[M157.980]					03.11-	116002	12	1.7
S 63 AMG 6.2	(221)[M156.984]	10.06-	116057*	14	220				
S 65 AMG 6.0	(220)[M275.980]	03.04- 08.05	115905	14	150				
	(221)[M275.982]	12.05-	116100*	14	220	12.05-	114178	12	1.4
	(C217)[M279.980]					A25 07.14-	116083	12	1.8
	(W222)					A25 02.14-	116083	12	1.8 RHD
						02.14-	116084*	12	1.8
S 65 AMG 6.0 AMG	(W221)[M275.982]	04.11-	116100*	14	220				
SL 280 2.3	(129)[M104.943]	07.93- 05.98	112194	14	120				
		07.93- 05.98	112539	14	110				
SL 280 2.8	(129)[M112.923]	05.98-	111902	14	115	05.98-	113282	12	1.4
SL 280 3.0	(R230)[M272.949]	03.08-	115532	14	180	03.08-	115770	12	1.1
						RHD 03.08-	115825	12	1.1
SL 320 3.2	(129)[M104.991]	07.93- 05.98	112194	14	120				
		07.93- 05.98	112539	14	110				
	(129)[M112.943]	05.98- 08.01	111902	14	115	05.98-	113282	12	1.4
SL 350 3.5	(230)[M272.966]	03.06-	114454	14	180	RHD 03.06-	114178	12	1.4
						RHD 03.06-	115825	12	1.1
	(R230)[M272.968]	04.08-	115532	14	180	RHD 04.08-	115825	12	1.1
SL 350 3.7	(230)[M112.973]	03.03-	114836	14	150	03.03-	113282	12	1.4
SL 500 4.7	(R231)[M278.927]					04.15-	116002	12	1.7
SL 500 5.0	(129)[M113.961]	05.98- 10.01	111850	14	143	05.98- 10.01	113282	12	1.4
	(230)[M113.963]	10.01-	114836	14	150				
	(129)[M119.972]	09.92- 10.01	111850	14	143				
		09.92- 09.95	112539	14	110 ▲				
	(129)[M119.982]	09.92- 10.01	111850	14	143				
		09.92- 09.95	112539	14	110 ▲				
SL 500 5.5	(230)[M273.965]	03.06-	115532	14	180	RHD 03.06-	114178	12	1.4
						RHD 03.06-	115825	12	1.1
SL 55 AMG 5.4	(230)[M113.992]	06.02-	114737	14	180				
	(230)[M113.995]	03.06-	114737	14	180				
SL 55 AMG 5.5	(230)[M113.992]	10.01- 06.02	114737	14	180				
		10.01- 06.02	114836	14	150				
SL 600 6.0	(129)[M120.983]	07.92- 10.01	111850	14	143				
		07.92- 10.01	112539	14	110				
SL 600 6.9	(129)[M120.981]	07.92- 10.01	111850	14	143	07.92- 10.01	111851	12	2.0
		07.92- 09.95	112539	14	110				
SL 63 AMG 5.5	(R231)[M157.983]					04.14-	116002	12	1.7
SL 63 AMG 6.2	(R230)[M156.981]	03.08-	115532	14	180				
SL 65 AMG 6.0	(R231)[M279.981]					A25 05.12-	116083	12	1.8
SLK 200 1.8	(R172)[M271.860]					02.11-	115339	12	2.0
						02.11-	115771	12	
	(R172)[M271.861]					02.11-	115339	12	2.0
						02.11-	115771	12	
SLK 200 1.8 Kompressor	(171)[M271.944]	03.04-	113877	14	120	03.04-	113513	12	1.1
SLK 200 2.0	(170)[M111.946]	09.96-	111369	14	90	09.96-	111347	12	1.2
		AT 09.96-	111369	14	90				
SLK 200 2.0 Kompressor	(170)[M111.943]	10.96-	113486	14	90	10.96-	111347	12	1.2
	(170)[M111.958]	03.00-	113486	14	90	03.00-	111347	12	1.2
SLK 230 2.3 Kompressor	(170)[M111.973]	09.96-	113486	14	90	09.96-	111347	12	1.2
	(170)[M111.983]	02.00- 03.04	113486	14	90	02.00- 03.04	111347	12	1.2
SLK 250 1.8	(R172)[M271.860]					02.11-	113513	12	1.1
						02.11-	115339	12	2.0
	(R172)[M271.861]					02.11-	115771	12	
						02.11-	113513	12	1.1
						02.11-	115339	12	2.0
						02.11-	115771	12	
SLK 250 2.2 CDI	(R172)[OM651.980]	01.12-	114876	14	180	01.12-	114305	12	1.7
		01.12-	115437	14	180				
SLK 280 3.0	(171)[M272.942]	01.05-	115905	14	150	RHD 01.05-	114178	12	1.4
						RHD 01.05-	115825	12	1.1
	(R171)	04.09-	115905	14	150	04.09-	115770	12	1.1
						RHD 04.09-	115825	12	1.1
SLK 32 AMG 3.2 Kompressor	(170)[M112.960]					03.01-	113282	12	1.4
SLK 320 3.2	(170)[M112.947]	03.00-	113302	14	120	03.03-	113282	12	1.4
SLK 350 3.5	(R171)[M272.969]	01.08-	115905	14	150	RHD 01.08-	115825	12	1.1
	(R172)[M276.956]					02.11-	115734	12	2.0
SLK 350 AMG 3.5	(171)[M272.963]	06.04-	115905	14	150	RHD 06.04-	115825	12	1.1
SLK 55 AMG 5.5	(R172)[M152.980]					01.12-	116002	12	1.7
SLR 5.4	(199)[M155.980]	04.04-	114836	14	150				
		04.04-	114836	14	150				
SLR 5.4 722 Edition	(199)[M155.980]	10.06-	114836	14	150				
SLR 5.4 Roadster	[M155.980]	10.06-	114836	14	150				
Sprinter 2.1 CDI 3,5t	(906)[OM651.955]	06.06-	115413	14	220	06.06-	114305	12	1.7
		05.09-	114146	14	120	05.09-	114742	12	1.8
		05.09-	114876	14	180				
		05.09-	115437	14	180				
	(906)[OM651.956]	06.06-	115413	14	220	A25 06.06-	114850	12	2.5
		05.09-	114146	14	120	06.06-	114305	12	1.7
		05.09-	114876	14	180	05.09-	114742	12	1.8
		05.09-	115437	14	180				
Sprinter 2.1 CDI 4x4 3,5t	(906)[OM651.955]	05.09-	114146	14	120	05.09-	114305	12	1.7
		05.09-	114876	14	180	05.09-	114742	12	1.8
		05.09-	115413	14	220	A25 05.11-	114850	12	2.5
		05.09-	115437	14	180				
		A25 08.11-	115437	14	180				
	(906)[OM651.956]	05.09-	114876	14	180	05.09-	114305	12	1.7
		05.09-	115413	14	220	05.09-	114742	12	1.8
		05.09-	115437	14	180				
		08.11-	114146	14	120				
						10.96-	111970	12	1.0
						A25 05.09-	114850	12	2.5

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**MERCEDES-BENZ** *Continued*

	(906)[OM651.957]	05.11- 05.11- 05.11- 05.11-	114146 114876 115413 115437	14 120 14 180 14 220 14 180		05.11- 05.11- A25 05.11-	114305 114742 114850	12 1.7 12 1.8 12 2.5
Sprinter 2.2 CDI 313 4x4	(906)[OM651.955]	06.06- 06.06- 06.06-	114876 115413 115437	14 180 14 220 14 180		06.06- A25 06.06-	114305 114742	12 1.7 12 1.8
	(906)[OM651.956]	06.06- 06.06- 06.06- 06.06-	114146 114876 115413 115437	14 120 14 180 14 220 14 180		06.06- A25 06.06-	114305 114742	12 1.7 12 1.8
Sprinter 3.0 CDI 318	(906)[OM642.992]	02.08-	115912	14 220				
	(906)[OM642.993]	02.08- 02.08- 02.08-	114042 115912 116113	14 180 A49 14 220 14 180		02.08-	114507	12 1.8
Sprinter 3.0 CDI 319	(906)[OM642.896]	03.09- 03.09- 03.09-	114042 115924 116113	14 180 A49 14 180 14 180		03.09-	114507	12 1.8
	(906)[OM642.898]	03.09- 03.09- 03.09-	114042 115924 116113	14 180 A49 14 180 14 180		03.09-	114507	12 1.8
	(906)[OM642.992]	03.09-	115924	14 180				
Sprinter 3.0 CDI 4x4	(906)[OM642.896]	05.11- 05.11- 05.11-	114042 115924 116113	14 180 A49 14 180 14 180		05.11-	114507	12 1.8
	(906)[OM642.992]	05.11- 05.11- 05.11-	114042 115924 116113	14 180 A49 14 180 14 180		05.11-	114507	12 1.8
Sprinter 3.0 CDI 4x4 3,5t	(906)[OM642.898]	05.11-	115924	14 180		05.11-	114507	12 1.8
Sprinter 208 2.1 CDI	(901,902)[OM611.987]	04.00- 04.00- 04.00- 05.06 04.00- 05.06	112197 112425 113889 115485	14 115 14 150 14 90 14 90 A49		04.00-	111851	12 2.0
Sprinter 208 2.3 Diesel	(901,902)[OM601.943]	01.95- 04.95- Eng. -509806 09.96- 03.97 Eng. 385588 -509806 04.95- 03.97 Eng. -385587 01.95- 04.00	111883 111890 112529 112529 111354	14 115 14 90 14 90 14 90 14 70		02.95- 12.95   01.95-	111065   111851	12 2.2   12 2.0
Sprinter 209 2.1 CDI	(906)[OM646.984]	06.06- 06.06- 06.06- 06.06-	114102 114392* 115413 116068	14 180 14 90 14 220 14 180		06.06- 06.06-	114093 115512	12 1.7 12 1.7 A49
Sprinter 210 2.1 CDI	(906)[OM651.955]	03.09- 03.09-	114876 115413	14 180 14 220		03.09- 03.09- 03.09-	114093 114305 115512	12 1.7 12 1.7 12 1.7 A49
Sprinter 210 2.9 Diesel	(901,902)[OM602.980]	01.97- 01.97- AT, Eng. -001128 01.97- 04.00	111883 111890 112529	14 115 14 90 14 90		02.95- 12.95 01.97-	111065 111851	12 2.2 12 2.0
	(902,902)	AT, Eng. -001128 01.97- AT, Eng. -001128 01.97-	111883 111890	14 115 14 90		02.95- 12.95 01.97-	111065 111851	12 2.2 12 2.0
Sprinter 211 2.1 CDI	(901,902)[OM611.981]	04.00- 04.00- 04.00- 05.06 04.00- 05.06	112197 112425 113889 115485	14 115 14 150 14 90 14 90 A49		04.00-	111851	12 2.0
	(906)[OM646.985]	06.06- 06.06- 06.06- 06.06-	114102 114392* 115413 116068	14 180 14 90 14 220 14 180		06.06- 06.06-	114093 115512	12 1.7 12 1.7 A49
Sprinter 211 2.2 CDI	(906)[OM651.955]	04.16- 04.16- 04.16- 04.16-	114146 114876 115413 115437	14 120 14 180 14 220 14 180		04.16-   04.16- 04.16-	114850   114305 114742	12 2.5   12 1.7 12 1.8
Sprinter 212 2.9 Diesel	(901,902)[OM602.980]	02.95- 02.95- 02.95- 04.00 Eng. 025811- 02.95- Eng. -025810 02.95- AT, Eng. 001129- 02.95- AT, Eng. -001128 02.95-	111354 111883 113768 111890 112529 111890 112529	14 70 14 115 14 95 14 90 14 90 14 90 14 90		02.95- 02.95- 12.95	111851 111065	12 2.0 12 2.2
Sprinter 213 2.1 CDI	(901,902)[OM611.981]	04.00- 04.00- 04.00- 05.06 04.00- 05.06	112197 112425 113889 115485	14 115 14 150 14 90 14 90 A49		04.00-	111851	12 2.0
	(906)[OM646.986]	06.06- 06.06- 06.06- 06.06-	114102 114392* 115413 116068	14 180 14 90 14 220 14 180		06.06- 06.06-	114093 115512	12 1.7 12 1.7 A49
	(906)[OM651.955]	06.06- 06.06- 06.06- 06.06-	114146 114876 115413 115437	14 120 14 180 14 220 14 180		06.06- 06.06-	114305 114742	12 1.7 12 1.8
	(906)[OM651.956]	06.06- 06.06- 06.06- 06.06-	114146 114876 115413 115437	14 120 14 180 14 220 14 180		06.06- 06.06- 03.09- 03.09-	114305 114742 114093 115512	12 1.7 12 1.8 12 1.7 12 1.7 A49
	(906)[OM651.957]	06.06- 06.06- 06.06- 06.06-	114146 114876 115413 115437	14 120 14 180 14 220 14 180		06.06- 06.06-	114305 114742	12 1.7 12 1.8
Sprinter 214 2.2 CDI	(906)[OM651.955]					04.16- 04.16-	114305 114742	12 1.7 12 1.8
Sprinter 214 2.3	(901,902)[M111.979]	02.95-	111902	14 115		02.95-	111347	12 1.2
	(901,902)[M111.984]					02.95-	111347	12 1.2
Sprinter 214 2.3 NGT	(901,902)[M111]					04.00-	111347	12 1.2
	(901,902)[M111.984]					04.00-	111347	12 1.2



Sprinter 215 2.1 CDI	(906)[OM646.986]	06.06-	114102	14 180	06.06-	114093	12 1.7	
		06.06-	114392*	14 90	06.06-	115512	12 1.7 A49	
		06.06-	115413	14 220				
		06.06-	116068	14 180				
	(906)[OM646.989]	06.06-	114102	14 180				
		06.06-	114392*	14 90	06.06-	114093	12 1.7	
		06.06-	115413	14 220				
		06.06-	116068	14 180	06.06-	115512	12 1.7 A49	
	(906)[OM646.990]	06.06-	114102	14 180				
		06.06-	114392*	14 90	06.06-	114093	12 1.7	
		06.06-	115413	14 220				
		06.06-	116068	14 180	06.06-	115512	12 1.7 A49	
Sprinter 216 2.1 CDI	(906)[OM651.957]	03.09-	114146	14 120	03.09-	114093	12 1.7	
		03.09-	114513	14 95				
		03.09-	114876	14 180	03.09-	114305	12 1.7	
		03.09-	115413	14 220	03.09-	114742	12 1.8	
		03.09-	115437	14 180	03.09-	115512	12 1.7 A49	
Sprinter 216 2.7 CDI	(901,902)[OM612.981]	04.00-	112197	14 115	04.00-	111851	12 2.0	
		04.00-	112425	14 150	04.00-	112440	12 2.2	
		04.00- 05.06	113889	14 90				
		04.00- 05.06	115485	14 90 A49				
Sprinter 218 3.0 CDI	(906)[OM642.896]	06.06-	114042	14 180 A49				
		06.06-	115912	14 220	06.06-	114507	12 1.8	
		06.06-	116113	14 180				
		(906)[OM642.992]	06.06-	115912	14 220			
		(906)[OM642.993]	06.06-	115912	14 220	06.06-	114507	12 1.8
Sprinter 219 3.0 CDI	(906)[OM642.896]	03.09-	115924	14 180	03.09-	114507	12 1.8	
		(906)[OM642.992]	03.09-	115924	14 180			
Sprinter 224 3.5	(906)[M272.979]	06.06-	114454	14 180	06.06-	114178	12 1.4	
		06.06-	115905	14 150				
		06.06-	116081*	14 220				
Sprinter 308 2.1 CDI	(903)[OM611.987]	04.00-	112197	14 115	04.00-	111851	12 2.0	
		04.00-	112425	14 150				
		04.00- 05.06	113889	14 90				
		04.00- 05.06	115318	14 200 A49				
		04.00- 05.06	115485	14 90 A49				
Sprinter 308 2.3 Diesel	(903)[OM601.943]	02.95- 04.00	111883	14 115	02.95- 01.97	111065	12 2.2	
		02.95- 04.00	111890	14 90				
		03.97- 04.00	111354	14 70				
		Eng. 385588 -509806	04.95- 03.97	112529	14 90			
		Eng. -385587	02.95- 03.95	111354	14 70	02.95- 04.00	111851	12 2.0
Sprinter 308	(903)			04.00-	111347	12 1.2		
Sprinter 309 2.1 CDI	(906)[OM646.984]	06.06-	114102	14 180	06.06-	114093	12 1.7	
		06.06-	114392*	14 90	06.06-	115512	12 1.7 A49	
		06.06-	116068	14 180				
Sprinter 310 2.1 CDI	(906)[OM651.955]	03.09-	114146	14 120	03.09-	114742	12 1.8	
		03.09-	114876	14 180	03.09-	114850	12 2.5	
		03.09-	115413	14 220				
		03.09-	115437	14 180				
		03.09-	114146	14 120	03.09-	114305	12 1.7	
	(906)[OM651.956]	03.09-	114876	14 180	03.09-	114305	12 1.7	
		03.09-	114742	14 180	03.09-	114742	12 1.8	
		03.09-	115413	14 220	03.09-	114850	12 2.5	
		03.09-	115437	14 180				
		02.95-	111883	14 115	02.95-	111851	12 2.0	
Sprinter 310 2.9 Diesel	(903)[OM602.980]	02.95-	111890	14 90				
		Eng. -025810	01.97- 04.00	112529	14 90			
		AT, Eng. -001128	01.97- 03.00	112529	14 90			
		02.95-	111883	14 115	02.95-	111851	12 2.0	
Sprinter 310 2.9 Diesel 4x4	(903)[OM602.980]	05.97-	111890	14 90	05.97-	111851	12 2.0	
		05.97-	112529	14 90				
		AT, Eng. -001128	01.97- 03.00	112529	14 90			
Sprinter 311 2.1 CDI	(903)[OM611.981]	04.00-	112197	14 115	04.00-	111851	12 2.0	
		04.00-	112425	14 150				
		04.00- 05.06	113889	14 90				
		04.00- 05.06	115318	14 200 A49				
		04.00- 05.06	115485	14 90 A49				
		(906)[OM646.985]	06.06-	113951	14 200			
	(906)[OM646.985]	06.06-	114102	14 180	06.06-	114093	12 1.7	
		06.06-	114392*	14 90	06.06-	115512	12 1.7 A49	
		06.06-	115413	14 220				
		06.06-	115433*	14 140				
		06.06-	116068	14 180	06.06-	115334	12 2.0	
		(909)	09.13-	114102	14 180 A49	09.13-	114093	12 1.7
		(909)	09.13-	114146	14 120			
(909)	09.13-	116068	14 180					
Sprinter 311 2.1 CDI 4x4	(903)[OM611.981]	08.02-	112425	14 150	08.02-	111851	12 2.0	
		08.02- 05.06	113889	14 90				
		08.02- 05.06	115318	14 200 A49				
		08.02- 05.06	115485	14 90 A49				
		(906)[OM646.985]	02.08-	113951	14 200	02.08-	114093	12 1.7
(906)[OM646.985]	02.08-	114102	14 180	02.08-	115512	12 1.7 A49		
	02.08-	114392*	14 90	A25 02.08-	115334	12 2.0		
	02.08-	116068	14 180					
	05.16-	114146	14 120	05.16-	114305	12 1.7		
Sprinter 311 2.2 CDI	(906)[OM651.955]	05.16-	114876	14 180	05.16-	114742	12 1.8	
		05.16-	115413	14 220	05.16-	114850	12 2.5	
		05.16-	115437	14 180				
		02.95-	111354	14 70	02.95- 09.01	111851	12 2.0	
Sprinter 312 2.9 Diesel	(903)[OM602.980]	02.95- 09.01	111883	14 115	02.95- 01.97	111065	12 2.2	
		02.95- 04.00	113768	14 95				
		12.98- 09.01	111890	14 90				
		12.98- 09.01	112529	14 90				
		Eng. 025811-	02.95-	111890	14 90			
		Eng. -025810	02.95-	112529	14 90			
		AT, Eng. 001129-	02.95-	111890	14 90			
		AT, Eng. -001128	04.95-	112529	14 90			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Sprinter 312 2.9 Diesel 4x4	(903)[OM602.980]	05.97-	111354	14 70					
		05.97- 08.02	111883	14 115		05.97- 08.02	111851	12 2.0	
		05.97- 08.02	111890	14 90					
		05.97- 08.02	112529	14 90					
		05.97- 08.02	113768	14 95					
		Eng. 025811- 05.97-	111890	14 90					
Sprinter 313 2.1 CDI	(903)[OM611.981]	04.00-	112197	14 115		04.00-	111851	12 2.0	
		04.00-	112425	14 150					
		04.00- 05.06	113889	14 90					
		04.00- 05.06	115485	14 90 A49					
		(906)[OM646.986]	06.06-	113951	14 200		06.06-	111851	12 2.0
			06.06-	114102	14 180		06.06-	114093	12 1.7
06.06-	114392*		14 90		A25 06.06-	115334	12 2.0		
06.06-	116068		14 180		06.06-	115512	12 1.7 A49		
(906)[OM651.955]	06.06-	113951	14 200		06.06-	111851	12 2.0		
	06.06-	114102	14 180		06.06-	114093	12 1.7		
	06.06-	114392*	14 90		A25 06.06-	115334	12 2.0		
	06.06-	116068	14 180		06.06-	115512	12 1.7 A49		
Sprinter 313 2.1 CDI 4x4	(903)[OM611.981]	08.02-	112425	14 150		08.02-	111851	12 2.0	
		08.02- 05.06	113889	14 90					
		08.02- 05.06	115485	14 90 A49					
Sprinter 314 2.2 CDI	(906)[OM651.955]				05.16-	114305	12 1.7		
Sprinter 314 2.2 CDI 4x4	(906)[OM651.955]				05.16-	114742	12 1.8		
					05.16-	114305	12 1.7		
Sprinter 314 2.3	(903)[M111.979]	02.95-	111902	14 115		02.95-	114742	12 1.8	
					02.95-	111347	12 1.2		
Sprinter 314 2.3 4x4	(903)[M111.984]	02.95-	111902	14 115		02.95-	111347	12 1.2	
					02.95- 03.00	111347	12 1.2		
Sprinter 314 2.3 NGT	(903)[M111.984]	08.02-	111902	14 115		02.95- 03.00	111347	12 1.2	
					04.00-	111347	12 1.2		
Sprinter 315 2.1 CDI	(906)[OM646.989]	06.06-	113951	14 200		04.00-	111347	12 1.2	
		06.06-	114102	14 180					
		06.06-	114392*	14 90		06.06-	114093	12 1.7	
		06.06-	115413	14 220		06.06-	115512	12 1.7 A49	
		(906)[OM646.990]	06.06-	116068	14 180		06.06-	115334	12 2.0
			06.06-	113951	14 200		06.06-	114093	12 1.7
06.06-	114102		14 180		06.06-	115334	12 2.0		
06.06-	114392*		14 90		06.06-	115512	12 1.7 A49		
Sprinter 315 2.1 CDI 4x4	(906)[OM646.989]	02.08-	113951	14 200		02.08-	111851	12 2.0	
		02.08-	114102	14 180		02.08-	114093	12 1.7	
		02.08-	114392*	14 90		A25 02.08-	115334	12 2.0	
		02.08-	116068	14 180		02.08-	115512	12 1.7 A49	
		(906)[OM646.990]	02.08-	113951	14 200		02.08-	114093	12 1.7
			02.08-	114102	14 180		02.08-	115334	12 2.0
02.08-	114392*		14 90		02.08-	115512	12 1.7 A49		
02.08-	115413		14 220						
Sprinter 316 1.8	(906)[M271.951]	09.08-	116099*	14 120		02.08-	111851	12 2.0	
					02.08-	114093	12 1.7		
Sprinter 316 2.1 CDI	(906)[OM651.955]	08.11-	114146	14 120		02.08-	115334	12 2.0	
		08.11-	114876	14 180		02.08-	115512	12 1.7 A49	
Sprinter 316 2.1 CDI 4x4	(906)[OM651.957]	08.11-	115437	14 180					
		03.09-	114146	14 120		03.09-	114305	12 1.7	
		03.09-	114876	14 180		03.09-	114742	12 1.8	
		03.09-	115413	14 220		03.09-	114093	12 1.7	
Sprinter 316 2.7 CDI	(903)[OM612.981]	03.09-	115437	14 180		03.09-	115512	12 1.7 A49	
		03.09-	114876	14 180		03.09-	114093	12 1.7	
		03.09-	115413	14 220		03.09-	114305	12 1.7	
		03.09-	114876	14 180		03.09-	115512	12 1.7 A49	
Sprinter 316 2.7 CDI 4x4	(903)[OM612.981]	04.00-	112197	14 115		04.00-	111851	12 2.0	
		04.00-	112425	14 150		04.00-	112440	12 2.2	
		04.00- 05.06	113889	14 90					
		04.00- 05.06	115485	14 90 A49					
Sprinter 316 316	(906)[M271.951]	08.02-	112425	14 150		08.02-	111851	12 2.0	
		08.02- 05.06	113889	14 90					
		08.02- 05.06	115485	14 90 A49					
Sprinter 316 LGT 1.8 LGT	(906)[M271.951]	09.08-	116099*	14 120		09.08-	113513	12 1.1	
Sprinter 318 3.0 CDI	(906)[OM642.896]	09.08-	116099*	14 120		09.08-	113513	12 1.1	
		06.06-	114042	14 180 A49					
		06.06-	115912	14 220		06.06-	114507	12 1.8	
		06.06-	116113	14 180					
Sprinter 318 3.0 CDI 4x4	(906)[OM642.992]	06.06-	114042	14 180 A49					
		06.06-	115912	14 220		06.06-	114507	12 1.8	
		06.06-	116113	14 180					
		06.06-	115912	14 220		06.06-	114507	12 1.8	
Sprinter 318 3.0 CDI 4x4	(906)[OM642.993]	02.08-	114042	14 180 A49					
		02.08-	115912	14 220		02.08-	114507	12 1.8	
		02.08-	116113	14 180					
		02.08-	115912	14 220					
Sprinter 319 3.0 CDI 4x4	(906)[OM642.896]	02.08-	114042	14 180 A49					
		02.08-	115912	14 220		02.08-	114507	12 1.8	
		02.08-	116113	14 180					
		02.08-	115912	14 220					
Sprinter 319 3.0 CDI 4x4	(906)[OM642.896]	03.09-	115924	14 180		03.09-	114507	12 1.8	
		03.09-	114042	14 180 A49		03.09-	114507	12 1.8	
		03.09-	115924	14 180		A25 03.09-	116084*	12 1.8	
		03.09-	116113	14 180					



	(906)[OM642.898]	03.09- 03.09- 03.09-	114042 115924 116113	14 180 A49 14 180 14 180		03.09-	114507	12 1.8
	(906)[OM642.992]	03.09- 03.09- 03.09-	114042 115924 116113	14 180 A49 14 180 14 180		03.09-	114507	12 1.8
Sprinter 324 3.5	(906)[M272.979]	06.06- 06.06- 06.06-	114454 115905 116081*	14 180 14 150 14 220		06.06-	114178	12 1.4
Sprinter 408 2.1 CDI	(904)[OM611.987]	04.00- 04.00- 05.06 04.00- 05.06 12.99-	112197 113889 115485 112425	14 115 14 90 14 90 A49 14 150		12.99-	111851	12 2.0
Sprinter 408 2.3 Diesel	(904)[OM601.943]	02.95- 03.95 02.95- 03.00 04.95- 03.00 02.96- Eng. 471030- 02.95- 03.00	111354 112529 111890 111883 111883	14 70 14 90 14 90 14 115 14 115		02.95- 03.00	111851	12 2.0
Sprinter 410 2.9 Diesel	(904)[OM602.980]	02.96- 05.06 01.97- 03.00 Eng. 001129-, 025811- Eng. -001128-, -025810 02.96- 03.00	113768 111883 111890 112529	14 95 14 115 14 90 14 90		01.97- 03.00	111851	12 2.0
Sprinter 410 2.9 Diesel 4x4	(904)[OM602.980]	01.97- 03.00 05.97- 05.06 Eng. 001129-, 025811- Eng. -001128-, -025810 01.97- 03.00	111883 113768 111890 112529	14 115 14 95 14 90 14 90		01.97- 03.00	111851	12 2.0
Sprinter 411 2.1 CDI	(904)[OM611.981]	04.00- 04.00- 05.06 12.99- 12.99- 05.06	112197 113889 112425 115485	14 115 14 90 14 150 14 90 A49		12.99-	111851	12 2.0
	(906)[OM646.985]	06.09- 06.09-	114102 116068	14 180 14 180		06.09- 06.09-	114093 115334 115512	12 1.7 12 2.0 12 1.7 A49
	(909)	09.13-	114102	14 180 A49		09.13-	114093	12 1.7
	(909)	09.13-	114146	14 120				
	(909)	09.13-	116068	14 180				
Sprinter 411 2.1 CDI 4x4	(904)[OM611.981]	04.00- 04.00- 05.06 04.00- 05.06 12.99-	112197 113889 115485 112425	14 115 14 90 14 90 A49 14 150		12.99-	111851	12 2.0
Sprinter 412 2.9 Diesel	(904)[OM602.980]	02.95- 02.01 02.96- 05.06 01.97- 03.00 Eng. 001129-, 025811- Eng. -001128-, -025810 02.95- 02.01 Chas. 001129-, 025811- Chas. -001128-, -025810 02.95- 03.00	111883 113768 112529 111890 112529 111890 111890 112529	14 115 14 95 14 90 14 90 14 90 14 90 14 90		02.95- 05.06	111851	12 2.0
Sprinter 412 2.9 Diesel 4x4	(904)[OM602.980]	02.95- 02.01 01.97- 03.00 05.97- 05.06 Eng. 001129-, 025811- Eng. -001128-, -025810 02.95- 02.01 Chas. 001129-, 025811- Chas. -001128-, -025810 02.95- 03.00	111883 112529 113768 111890 112529 111890 111890 112529	14 115 14 90 14 95 14 90 14 90 14 90 14 90		02.95- 05.06	111851	12 2.0
Sprinter 413 2.1 CDI	(904)[OM611.981]	04.00- 04.00- 05.06 12.99- 12.99- 05.06	112197 113889 112425 115485	14 115 14 90 14 150 14 90 A49		12.99-	111851	12 2.0
	(906)[OM646.986]	06.06- 06.06- 06.06- 06.06-	114146 114876 115413 115437	14 120 14 180 14 220 14 180		06.06- 06.06-	114305 114742	12 1.7 12 1.8
Sprinter 413 2.1 CDI 4x4	(904)[OM611.981]	04.00- 04.00- 05.06 04.00- 05.06 12.99-	112197 113889 115485 112425	14 115 14 90 14 90 A49 14 150		12.99-	111851	12 2.0
Sprinter 413 2.2 CDI	(906)	06.06-	114146	14 120		06.06-	114305	12 1.7
	(906)	06.06-	115413	14 220		06.06-	114742	12 1.8
	(906)	06.06-	115437	14 180		06.06-	114850	12 2.5
Sprinter 414 2.2 CDI	(906)					05.16-	114305	12 1.7
	(906)					05.16-	114742	12 1.8
Sprinter 414 2.3	(904)[M111.979]	02.95- 02.01	111902	14 115		02.95- 03.00	111347	12 1.2
	(904)[M111.984]					02.95- 03.00	111347	12 1.2
Sprinter 414 2.3 4x4	(904)[M111.979]	05.97-	111902	14 115		05.97-	111347	12 1.2
	(904)[M111.984]	05.97- 05.06	111902	14 115		05.97- 05.06	111347	12 1.2
Sprinter 415 2.1 CDI	(906)[OM646.986]	06.09- 06.09- 06.09-	114102 115413 116068	14 180 14 220 14 180		06.09- A25 06.09- 06.09-	114093 115334 115512	12 1.7 12 2.0 12 1.7 A49
	(906)[OM646.989]	06.06- 06.06- 06.06- 06.06- 06.09-	113951 114102 114392* 116068 115413	14 200 14 180 14 90 14 180 14 220		06.06- A25 06.06- 06.06- 06.06-	114093 115334 115512 111851	12 1.7 12 2.0 12 1.7 A49 12 2.0
	(906)[OM646.990]	06.06- 06.06- 06.06- 06.06- 06.06-	113951 114102 114392* 115413 116068	14 200 14 180 14 90 14 220 14 180		06.06- 06.06- 06.06- 06.06-	114093 115334 115512	12 1.7 12 2.0 12 1.7 A49
Sprinter 416 2.1 CDI	(906)[OM651.957]	03.09- 03.09- 03.09- 03.09-	114146 114876 115413 115437	14 120 14 180 14 220 14 180		03.09- 03.09- 03.09- 03.09-	114093 114305 114742 115512	12 1.7 12 1.7 12 1.8 12 1.7 A49
Sprinter 416 2.7 CDI	(904)[OM612.981]	04.00- 04.00- 05.06 12.99- 12.99- 05.06	112197 113889 112425 115485	14 115 14 90 14 150 14 90 A49		04.00- 12.99-	111851 112440	12 2.0 12 2.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**MERCEDES-BENZ** *Continued*

Sprinter 416 2.7 CDI 4x4	(904)[OM612.981]	04.00-	112197	14 115	04.00-	111851	12 2.0			
		04.00- 05.06	113889	14 90						
		04.00- 05.06	115485	14 90 A49						
		12.99-	112425	14 150						
Sprinter 418 3.0 CDI	(906)[OM642.896]	06.06-	114042	14 180 A49	06.06-	114507	12 1.8			
		06.06-	115912	14 220						
		06.06-	116113	14 180						
	(906)[OM642.992]	06.06-	115912	14 220	06.09-	114507	12 1.8			
		06.09-	114042	14 180 A49						
		06.09-	116113	14 180						
Sprinter 419 3.0 CDI	(906)[OM642.896]	03.09-	114042	14 180 A49	03.09-	114507	12 1.8			
		03.09-	115924	14 180						
	(906)[OM642.898]	03.09-	116113	14 180	03.09-	114507	12 1.8			
		03.09-	115924	14 180						
		03.09-	115924	14 180						
Sprinter 424 3.5	(906)[M272.979]	06.06-	114454	14 180	06.06-	114178	12 1.4			
		06.06-	115905	14 150						
		06.06-	116081*	14 220						
Sprinter 509 2.1 CDI	(906)[OM646.984]	06.06-	114102	14 180	06.06-	114093	12 1.7			
		06.06-	114392*	14 90						
		06.06-	116068	14 180						
Sprinter 510 2.1 CDI	(906)[OM651.955]	03.09-	114146	14 120	03.09-	114305	12 1.7			
		03.09-	114876	14 180						
		03.09-	115413	14 220						
		03.09-	115437	14 180						
Sprinter 511 2.1 CDI	(906)[OM646.985]	06.06-	114102	14 180	06.06-	114093	12 1.7			
		06.06-	114392*	14 90						
		06.06-	116068	14 180						
Sprinter 511 2.1 CDI 4x4	(906)[OM646.985]	06.06-	114102	14 180	06.06-	114093	12 1.7			
		06.06-	116068	14 180						
								A25	06.06-	115334
Sprinter 511 2.2 CDI	(906)[OM651.955]				05.16-	114305	12 1.7			
								05.16-	114742	12 1.8
Sprinter 513 2.1 CDI	(906)[OM646.986]	06.06-	114146	14 120	06.06-	114305	12 1.7			
		06.06-	114876	14 180						
		06.06-	115413	14 220						
	(906)[OM651.955]	06.06-	115437	14 180	06.06-	114742	12 1.8			
		06.06-	114146	14 120						
		06.06-	114876	14 180						
(906)[OM651.956]	06.06-	114876	14 180	06.06-	114305	12 1.7				
	06.06-	115437	14 180							
	06.06-	114742	14 180							
Sprinter 513 2.1 CDI 4x4	(906)[OM651.956]	06.06-	114876	14 180	06.06-	114305	12 1.7			
Sprinter 513 2.2 CDI	(906)[OM651.955]	06.06-	114146	14 120	06.06-	114305	12 1.7			
		06.06-	115413	14 220						
		06.06-	115437	14 180						
		06.06-	114850	12 2.5						
Sprinter 514 2.2 CDI	(906)[OM651.955]	05.16-	114305	12 1.7	05.16-	114305	12 1.7			
		05.16-	114742	12 1.8						
		05.16-	114742	12 1.8						
Sprinter 514 2.2 CDI 4x4	(906)[OM651.955]	05.16-	114305	12 1.7	05.16-	114305	12 1.7			
		05.16-	114742	12 1.8						
		05.16-	114742	12 1.8						
Sprinter 515 2.1 CDI	(906)[OM646.986]	06.06-	114102	14 180	06.06-	114093	12 1.7			
		06.06-	114392*	14 90						
		06.06-	116068	14 180						
	(906)[OM646.989]	06.06-	114102	14 180	06.06-	114093	12 1.7			
		06.06-	114392*	14 90						
		06.06-	116068	14 180						
(906)[OM646.990]	06.06-	113951	14 200	06.06-	114093	12 1.7				
	06.06-	114102	14 180							
	06.06-	114392*	14 90							
Sprinter 515 2.1 CDI 4x4	(906)[OM646.989]	06.06-	114102	14 180	06.06-	115334	12 2.0			
		06.06-	114392*	14 90						
		06.06-	116068	14 180						
	(906)[OM646.990]	06.06-	113951	14 200	06.06-	115512	12 1.7 A49			
		06.06-	114102	14 180						
		06.06-	115413	14 220						
Sprinter 515 2.1 CDI 4x4	(906)[OM646.989]	06.06-	116068	14 180	06.06-	115512	12 1.7 A49			
		06.06-	113951	14 200						
		06.06-	114102	14 180						
Sprinter 516 2.1 CDI	(906)[OM651.957]	06.06-	116068	14 180	06.06-	115512	12 1.7 A49			
		06.06-	113951	14 200						
		06.06-	114102	14 180						
	(906)[OM646.990]	06.06-	114102	14 180	06.06-	115334	12 2.0			
		06.06-	116068	14 180						
		06.06-	115512	12 1.7 A49						
Sprinter 516 2.1 CDI 4x4	(906)[OM651.957]	03.09-	114146	14 120	03.09-	114093	12 1.7			
		03.09-	114876	14 180						
		03.09-	115413	14 220						
		03.09-	115437	14 180						
Sprinter 516 2.1 CDI 4x4	(906)[OM651.955]	06.06-	114146	14 120	06.06-	114305	12 1.7			
		06.06-	114876	14 180						
		06.06-	115413	14 220						
	(906)[OM651.957]	06.06-	115437	14 180	06.06-	114742	12 1.8			
		06.06-	114146	14 120						
		06.06-	114876	14 180						
Sprinter 516 2.2 CDI	(906)[OM651.957]	06.06-	114876	14 180	06.06-	114742	12 1.8			
		06.06-	115413	14 220						
		06.06-	115437	14 180						
		03.09-	114146	14 120						
Sprinter 518 3.0 CDI	(906)[OM642.896]	03.09-	115413	14 220	03.09-	114742	12 1.8			
		03.09-	114876	14 180						
		03.09-	115437	14 180						
		06.06-	114042	14 180 A49						
Sprinter 518 3.0 CDI 4x4	(906)[OM642.896]	06.06-	114042	14 180 A49	06.06-	114507	12 1.8			
		06.06-	115912	14 220						
		06.06-	116113	14 180						
	(906)[OM642.992]	06.06-	115912	14 220	06.06-	114507	12 1.8			
		06.06-	114042	14 180 A49						
		06.06-	115912	14 220						
(906)[OM642.993]	06.06-	116113	14 180	06.06-	114507	12 1.8				
	06.06-	115912	14 220							
	06.06-	116113	14 180							

## STARTERS & ALTERNATORS



	(906)[OM642.992]	06.06- 06.06- 06.06-	114042 115912 116113	14 180 A49 14 220 14 180		06.06-	114507	12 1.8
	(906)[OM642.993]	06.06- 06.06- 06.06-	114042 115912 116113	14 180 A49 14 220 14 180		06.06-	114507	12 1.8
Sprinter 519 3.0 CDI	(906)[OM642.896]	03.09- 03.09- 03.09-	114042 115924 116113	14 180 A49 14 180 14 180		03.09-	114507	12 1.8
	(906)[OM642.898]	03.09- 03.09- 03.09-	114042 115924 116113	14 180 A49 14 180 14 180		03.09-	114507	12 1.8
	(906)[OM642.992]	03.09-	115924	14 180				
Sprinter 519 3.0 CDI 4x4	(906)[OM642.896]	03.09- 03.09- 03.09-	114042 115924 116113	14 180 A49 14 180 14 180		03.09-	114507	12 1.8
	(906)[OM642.898]	03.09- 03.09- 03.09-	114042 115924 116113	14 180 A49 14 180 14 180		03.09-	114507	12 1.8
	(906)[OM642.992]	03.09- 03.09- 03.09-	114042 115924 116113	14 180 A49 14 180 14 180		03.09-	114507	12 1.8
Sprinter 519 3.0 CDI BlueTec		03.09- 03.09- 03.09- 03.09-	114042 115912 115924 116113	14 180 A49 14 220 14 180 14 180		03.09-	114507	12 1.8
Sprinter 524 3.5	(906)[M272.979]	06.06- 06.06- 06.06-	114454 115905 116081*	14 180 14 150 14 220		06.06-	114178	12 1.4
Sprinter 616 2.7 CDI	[OM612.981]	04.01- 04.01- 05.06 04.01- 05.06	112425 113889 115485	14 150 14 90 14 90 A49		04.01- 02.01-	111851 112440	12 2.0 12 2.2
T1 2.3	(602)[M102.942]	01.82- 12.94 01.82- 12.94 01.82- 12.94 01.82- 12.94 01.82- 12.94 01.82- 12.94	110358 110923 111093 111149 112529 112734	14 55 14 55 14 70 14 80 14 90 14 80		01.82- 12.94 01.82- 12.94	110862 111347	12 1.5 12 1.2
	(602)[M102.945]	01.89- 12.95 01.89- 12.95 01.89- 12.95	111093 111149 112734	14 70 14 80 14 80		01.89- 12.95 01.89- 12.95	110862 111347	12 1.5 12 1.2
T1 210 2.3	(601)[M115.955]	05.77- 12.82	110358	14 55		05.77- 12.82	110869	12 1.5
T1 310 2.3	(602)[M102.942]	06.89- 02.96 06.89- 02.96 06.89- 02.96	110923 111093 112734	14 55 14 70 14 80		06.89- 02.96 06.89- 02.96	110862 111347	12 1.5 12 1.2
V 200 2.0	(638)[M111.948]	04.96- 03.99-	111902 112425	14 115 14 150		04.96-	111347	12 1.2
	(638)[M111.950]	02.97- 07.03 02.97- 07.03	111902 112425	14 115 14 150		02.97- 07.03	111347	12 1.2
V 200 2.1 CDI	(W447)[OM651.950]					03.14- 03.14-	114305 114742	12 1.7 12 1.8
V 200 2.2 CDI	(638)[OM611.980]	03.99- 03.99- 03.99- 07.03 03.99- 07.03	112197 112425 113889 115485	14 115 14 150 14 90 14 90 A49		03.99-	111851	12 2.0
V 220 2.1 CDI	(W447)[OM651.950]					03.14- 03.14-	114305 114742	12 1.7 12 1.8
V 220 2.2 CDI	(638)[OM611.980]	03.99- 03.99- 03.99- 07.03 03.99- 07.03	112197 112425 113889 115485	14 115 14 150 14 90 14 90 A49		03.99-	111851	12 2.0
V 220 2.2 CDI 4-Matic	(W447)[OM651.950]					04.15-	114742	12 1.8
V 230 2.3	[M111.978]	10.96-	111902	14 115		10.96-	111347	12 1.2
V 230 2.3 TD	[OM601.970]	04.96- 02.97	113442	14 90		04.96-	111851	12 2.0
V 250 2.1 BlueTec	(W447)[OM651.950]					03.14- 03.14-	114305 114742	12 1.7 12 1.8
V 250 2.2 Diesel Bluetec 4-Matic	(W447)[OM651.950]					12.14-	114742	12 1.8
V 280 2.8	(638)[M104.900]	08.97- 07.03	113885	14 150		04.96-	112286	12 1.7
Vaneo 1.6	[M166.961]	02.02-	111967	14 90		10.01- 02.02-	111931 113756	12 1.1 12 0.8
Vaneo 1.7 CDI	[OM668.914]	11.01- 11.01-	111943 113251	14 90 14 150				
Vaneo 1.9	[M166.991]				Chas. N230983-	02.02- 02.02-	111931 114525	12 1.1 12 1.3
Vario 613 4.3 Diesel	[OM900.917]	01.06- 01.06-	113351 115497	28 100 28 80		01.06- 01.06-	111982 114523	24 4.0 24 4.0
Vario 615 4.3 Diesel	[OM900.918]	01.06- 01.06-	113351 115497	28 100 28 80		01.06- 01.06-	111982 114523	24 4.0 24 4.0
Vario 618 4.2 Diesel	[OM900.919]	09.06- 09.06-	113351 115497	28 100 28 80		09.06- 09.06-	111982 114523	24 4.0 24 4.0
	[OM934.911]	09.06- 09.06-	113351 115497	28 100 28 80		09.06- 09.06-	111982 114523	24 4.0 24 4.0
Vario 813 4.3	[OM900.917]	01.06- 01.06-	113351 115497	28 100 28 80		01.06- 01.06-	111982 114523	24 4.0 24 4.0
Vario 816 4.3 Diesel	[OM900.918]	01.06- 01.06-	113351 115497	28 100 28 80		01.06- 01.06-	111982 114523	24 4.0 24 4.0
Vario 818 4.2 Diesel	[OM900.919]	09.06- 09.06-	113351 115497	28 100 28 80		09.06- 09.06-	111982 114523	24 4.0 24 4.0
Viano 2.1 CDI	(W639)[OM651.940]	07.10- 07.10- 07.10-	114146 114876 115437	14 120 14 180 14 180		A25 07.10- 07.10- 07.10-	114850 114305 114742	12 2.5 12 1.7 12 1.8
Viano 2.1 CDI 4 Matic	(639)[OM642.982]	07.05- 07.05- 07.05- AT 07.05-	113951 114102 116068 115383	14 200 14 180 14 180 14 200		07.05-	111851	12 2.0

## STARTERS & ALTERNATORS

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**MERCEDES-BENZ** *Continued*

	(639)[OM646.982]	07.05-	113951	14 200				
		AT 07.05-	115383	14 200				
Viano 2.1 CDI 4-matic	(W639)[OM651.940]	07.10-	114876	14 180	07.10-	114305	12 1.7	
		07.10-	115437	14 180	07.10-	114742	12 1.8	
					A25 07.10-	114850	12 2.5	
Viano 2.2 CDI	(639)[OM646.982]	09.03-	113951	14 200	09.03-	111851	12 2.0	
		09.03-	114102	14 180				
		09.03-	116068	14 180				
		AT 09.03-	115383	14 200				
Viano 3.0 CDI	(W639)[OM642.990]	07.10-	114042	14 180 A49	07.10-	114178	12 1.4	
		07.10-	116113	14 180				
Viano 3.2	(639)[M112.951]	09.03-	113302	14 120	09.03-	113282	12 1.4	
		09.03-	113835	14 120				
Viano 3.5 126	(W639)[M272.978]	09.07-	115905	14 150				
		09.07-	116081*	14 220				
Viano 3.7	(639)[M112.976]	06.04-	113302	14 120				
Vito 2.1 CDI	(W639)[OM646.980]	08.06-	113951	14 200	08.06-	111851	12 2.0	
		08.06-	114102	14 180				
		08.06-	116068	14 180				
		AT 08.06-	115383	14 200				
Vito 2.1 CDI 110	(W639)[OM651.940]	09.10-	114146	14 120	09.10-	114305	12 1.7	
		09.10-	114876	14 180	09.10-	114742	12 1.8	
		09.10-	115437	14 180	A25 09.10-	114850	12 2.5	
Vito 2.1 CDI 113	(W639)[OM651.940]	09.10-	114876	14 180	09.10-	114305	12 1.7	
		09.10-	115437	14 180	09.10-	114742	12 1.8	
					A25 09.10-	114850	12 2.5	
Vito 2.1 CDI 113 4x4	(W639)[OM651.940]	09.10-	114146	14 120	09.10-	114305	12 1.7	
		09.10-	114876	14 180	09.10-	114742	12 1.8	
		09.10-	115437	14 180	A25 09.10-	114850	12 2.5	
Vito 2.1 CDI 116	(W639)[OM651.940]	09.10-	114876	14 180	09.10-	114305	12 1.7	
		09.10-	115437	14 180	09.10-	114742	12 1.8	
					A25 09.10-	114850	12 2.5	
Vito 2.1 CDI 116 4x4	(W639)[OM651.940]	09.10-	114146	14 120	09.10-	114305	12 1.7	
		09.10-	114876	14 180	09.10-	114742	12 1.8	
		09.10-	115437	14 180	A25 09.10-	114850	12 2.5	
Vito 2.2 CDI	(W639)[OM646.980]	09.07-	113951	14 200	09.07-	111851	12 2.0	
		09.07-	114102	14 180				
		09.07-	116068	14 180				
		AT 09.07-	115383	14 200				
Vito 2.2 CDI 4x4	(W639)[OM646.981]	09.07-	113951	14 200	09.07-	111851	12 2.0	
		09.07-	114102	14 180				
		09.07-	116068	14 180				
		AT 09.07-	115383	14 200				
	(W639)[OM646.982]	09.07-	113951	14 200	09.07-	111851	12 2.0	
		09.07-	114102	14 180				
		09.07-	116068	14 180				
		AT 09.07-	115383	14 200				
	(W447)[OM651.950]				07.15-	114742	12 1.8	
Vito 3.0 CDI 122	(W639)[OM642.890]	09.10-	114042	14 180 A49	09.10-	114178	12 1.4	
		09.10-	116113	14 180				
Vito 3.5	(W639)[M272.978]	09.07-	115905	14 150				
		09.07-	116081*	14 220				
Vito / Mixto 2.1 CDI 110	(W639)[OM651.940]	09.10-	114146	14 120	09.10-	114305	12 1.7	
		09.10-	114876	14 180	09.10-	114742	12 1.8	
		09.10-	115437	14 180	A25 09.10-	114850	12 2.5	
Vito / Mixto 2.1 CDI 113	(W639)[OM651.940]	09.10-	114876	14 180	09.10-	114305	12 1.7	
		09.10-	115437	14 180	09.10-	114742	12 1.8	
					A25 09.10-	114850	12 2.5	
Vito / Mixto 2.1 CDI 116	(W639)[OM651.940]	09.10-	114876	14 180	09.10-	114305	12 1.7	
		09.10-	115437	14 180	09.10-	114742	12 1.8	
					A25 09.10-	114850	12 2.5	
Vito / Mixto 3.0 CDI 122	(W639)[OM642.890]	09.10-	114042	14 180 A49	09.10-	114178	12 1.4	
		09.10-	116113	14 180				
Vito 108 2.2 CDI	(638)[OM611A]	03.99-	112197	14 115	03.99-	111851	12 2.0	
		03.99-	112425	14 150				
		03.99- 07.03	113889	14 90				
		03.99- 07.03	115485	14 90 A49				
	(638)[OM611LA]	03.99-	112197	14 115	03.99-	111851	12 2.0	
		03.99-	112425	14 150				
		03.99- 07.03	113889	14 90				
		03.99- 07.03	115485	14 90 A49				
Vito 108 2.3 Diesel	(638)[OM601.942]	02.96-	113442	14 90	02.97- 01.97	111851 111065	12 2.0 12 2.2	
Vito 109 2.1 CDI	(639)[OM646.980]	09.06-	113951	14 200	09.06-	111851	12 2.0	
		09.06-	114102	14 180				
		09.06-	116068	14 180				
		AT 09.06-	115383	14 200				
	(639)[OM646.983]	09.03-	113951	14 200	09.03-	111851	12 2.0	
		AT 09.03-	115383	14 200				
Vito 110 2.2 CDI	(638)[OM611LA]	03.99-	112197	14 115	03.99-	111851	12 2.0	
		03.99-	112425	14 150				
		03.99-	113889	14 90				
		03.99- 07.03	115485	14 90 A49				
Vito 110 2.3 Diesel	(638)[OM601.970]	02.96-	113442	14 90	01.97	111065	12 2.2	
					02.97-	111851	12 2.0	
Vito 110 2.3 TD	(638)[OM601.970]	02.96-	113442	14 90				
		03.97- 07.03	112196	14 143 A49	02.97-	111851	12 2.0	
		03.97- 07.03	114004	14 150				
Vito 111 2.2 CDI	(639)[OM646.982]	09.03-	113951	14 200	09.03-	111851	12 2.0	
		AT 09.03-	115383	14 200				
Vito 112 2.2 CDI	(638)[OM611.980]	03.99-	112197	14 115	03.99-	111851	12 2.0	
		03.99- 07.03	113889	14 90				
		03.99- 07.03	115485	14 90 A49				
			112425	14 150				
Vito 113 2.0	(638)[M111.948]	Eng. -00 11.95- 01.97	111902	14 115	11.95- 12.97	111347	12 1.2	
	(638)[M111.950]	Eng. -00 11.95- 01.97	111902	14 115	11.95- 12.97	111347	12 1.2	



Vito 113 2.1 CDI 4x4	(W639)[OM651.940]	09.10- 09.10- 09.10-	114146 114876 115437	14 120 14 180 14 180	09.10- 09.10- 09.10-	114305 114742	12 1.7 12 1.8
Vito 114 2.2 CDI	(W447)[OM651.950]				10.14-	114742	12 1.8
Vito 114 2.2 CDI 4x4	(W447)[OM651.950]				07.15-	114742	12 1.8
Vito 114 2.2 CDI BlueTec	(W447)[OM651.950]				10.14-	114742	12 1.8
Vito 114 2.2 Diesel BlueTEC 4x4	(W447)[OM651.950]				07.15-	114742	12 1.8
Vito 114 2.3	(638)[M111.978]	Eng. -00 11.95- 01.97	111902	14 115	11.95- 12.97	111347	12 1.2
Vito 115 2.2 CDI	(639)[OM646.982]	09.03- 09.03- 09.03- AT 09.03-	113951 114102 116068 115383	14 200 14 180 14 180 14 200	09.03-	111851	12 2.0
Vito 116 2.1 CDI 4x4	(W639)[OM651.940]	09.10- 09.10- 09.10-	114146 114876 115437	14 120 14 180 14 180	09.10- 09.10- 09.10-	114305 114742	12 1.7 12 1.8
Vito 116 2.2 CDI	(W447)[OM651.950]				10.14-	114742	12 1.8
Vito 116 2.2 CDI BlueTec	(W447)[OM651.950]				10.14-	114742	12 1.8
Vito 116 2.2 Diesel BlueTEC 4x4	(W447)[OM651.950]				07.15-	114742	12 1.8
Vito 119 2.2 CDI 4x4	(W447)[OM651.950]				12.14-	114742	12 1.8
Vito 119 2.2 CDI BlueTec	(W447)[OM651.950]				10.14-	114742	12 1.8
Vito 119 2.2 Diesel BlueTEC 4x4	(W447)[OM651.950]				12.14-	114742	12 1.8
Vito 119 3.2	(639)[M112.951]	09.03- 10.03-	113835 113302	14 120 14 120	10.03-	113282	12 1.4
Vito 122 3.2	(639)[M112.951]	09.03- 10.03-	113835 113302	14 120 14 120	10.03-	113282	12 1.4
Vito 123 3.7	(639)[M112.976]	06.04- 06.04-	113302 113835	14 120 14 120			
Vito Mixto 114 2.2 CDI	(W447)[OM651.950]				10.14-	114742	12 1.8
Vito Mixto 116 2.2 CDI	(W447)[OM651.950]				10.14-	114742	12 1.8
<b>PASSENGER CARS US</b>							
200 2.0					01.66- 01.67	110869	12 1.5
220 2.2					01.60- 01.73	110869	12 1.5
230 2.3		01.74- 01.78	110358	14 55	01.66- 01.78	110869	12 1.5
250 2.5					01.69- 01.70	110869	12 1.5
250 2.8					01.71- 01.72	110869	12 1.5
280 2.8		01.73- 01.76	110358	14 55	01.73- 01.76	110869	12 1.5
600 6.3		08.73- 05.81	110358	14 55			
180 D 1.8					01.60- 01.62	112249	12 2.7
180 D 2.0					01.63- 01.63	112249	12 2.7
190 B 1.9					01.61- 01.62	110869	12 1.5
190 C 1.9					01.63- 01.65	110869	12 1.5
190 D 2.2		01.84- 01.85	110923	14 55			
190 D 2.5		01.86- 01.89	111149	14 80			
190 DT 2.5 Turbo		01.87- 01.87	111149	14 80			
190 E 2.3		01.84- 01.93	110358	14 55	01.84- 01.85	110862	12 1.5
		01.86- 01.93	111149	14 80			
190 E 2.6		01.87- 01.93	111149	14 80			
190 E-16 2.3		01.86- 01.87	110358	14 55			
		01.86- 01.87	111149	14 80			
220 D 2.2					01.68- 01.73	110368	12 2.3
220 SE 2.2					01.60- 01.65	110869	12 1.5
230 S 2.3					01.66- 01.67	110869	12 1.5
230 SL 2.3					01.63- 01.66	110869	12 1.5
240 D 2.4		01.74- 01.83	110358	14 55	01.74- 01.83	110368	12 2.3
250 C 2.8					01.70- 01.72	110869	12 1.5
250 S 2.5					01.66- 01.67	110869	12 1.5
250 SE 2.5					01.66- 01.67	110869	12 1.5
250 SL 2.5					01.67- 01.67	110869	12 1.5
260 E 2.6		01.87- 01.89	110358	14 55			
		01.87- 01.89	111149	14 80			
280 C 2.8		01.73- 01.76	110358	14 55	01.73- 01.76	110869	12 1.5
280 CE 2.8		01.78- 01.81	110358	14 55	01.78- 01.81	110869	12 1.5
280 E 2.8		01.77- 01.81	110358	14 55	01.77- 01.81	110869	12 1.5
280 S 2.8		01.75- 01.76	110358	14 55	01.69- 01.76	110869	12 1.5
280 SE 2.8		01.77- 01.80	110358	14 55	01.69- 01.80	110869	12 1.5
280 SE 3.5					01.70- 01.70	110869	12 1.5
280 SE 4.5					01.73- 01.73	110869	12 1.5
280 SEL 2.8					01.69- 01.71	110869	12 1.5
280 SEL 4.5					01.72- 01.73	110869	12 1.5
280 SL 2.8					01.69- 01.71	110869	12 1.5
300 CD 3.0		01.78- 01.81	110358	14 55	01.78- 01.81	110368	12 2.3
300 CDT 3.0 Turbo		01.82- 01.85	110358	14 55	01.82- 01.85	110368	12 2.3
300 CE 3.0		01.88- 01.92	111149	14 80			
300 CE 3.2		01.93- 01.93	111369	14 90			
		01.93- 01.93	112529	14 90			
300 D 2.5 Turbo		01.90- 01.93	111149	14 80			
300 D 3.0		01.75- 01.81	110358	14 55	01.75- 01.81	110368	12 2.3
300 D 3.0 Turbo		01.87-	111149	14 80			
300 DT 3.0 Turbo		01.87- 01.87	111149	14 80	01.79- 01.85	110368	12 2.3
		01.79- 01.85	110358	14 55			
300 E 2.6		01.90- 01.92	112734	14 80			
300 E 2.8		01.93- 01.93	111369	14 90			
		01.93- 01.93	112529	14 90			
300 E 3.0		01.86- 01.92	111149	14 80			
300 E 3.0 4 Matic		01.90- 01.93	112734	14 80			
300 E 3.2		01.93- 01.93	112529	14 90			
		01.93- 01.93	111369	14 90			
300 SD 3.0 Turbo		01.78- 01.85	110358	14 55	01.78- 01.85	110368	12 2.3
300 SD 3.4 Turbo		01.92- 01.93	112529	14 90			
300 SDL 3.0 Turbo		01.86- 01.87	111149	14 80			
300 SE 3.0		01.88- 01.91	111149	14 80			
300 SE 3.2		01.92- 01.93	112194	14 120			
300 SEL 2.8					01.68- 01.69	110869	12 1.5
300 SEL 3.0		01.88- 01.91	111149	14 80	01.63- 01.65	110869	12 1.5
300 SEL 3.5					01.70- 01.71	110869	12 1.5
300 SEL 4.5					01.72- 01.73	110869	12 1.5

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

**MERCEDES-BENZ** *Continued*

300 TE 3.0		01.88- 01.92	111149	14	80				
300 TE 3.0 4 Matic		01.90- 01.93	112734	14	80				
300 TE 3.2		01.93- 01.93	111369	14	90				
		01.93- 01.93	112529	14	90				
350 SD 3.4 Turbo		01.91- 01.91	112734	14	80				
350 SDL 3.4 Turbo		01.90- 01.91	112734	14	80				
350 SL 4.5						01.72- 01.72	110869	12	1.5
380 SE 3.8		01.84- 01.85	111149	14	80	01.84- 01.85	110869	12	1.5
380 SEC 3.8		01.82- 01.83	111149	14	80	01.82- 01.83	110869	12	1.5
380 SEL 3.8						01.81- 01.83	110869	12	1.5
380 SL 3.8						01.81- 01.85	110869	12	1.5
380 SLC 3.8						01.81- 01.81	110869	12	1.5
400 E 4.2		01.92- 01.93	112194	14	120				
400 SE 4.2		01.92- 01.92	112194	14	120				
400 SEL 4.2		01.93- 01.93	112194	14	120				
420 SEL 4.2		01.86- 01.91	111149	14	80	01.86- 01.91	110869	12	1.5
450 SE 4.5		01.73- 01.76	110358	14	55	01.73- 01.76	110869	12	1.5
450 SEL 4.5		01.73- 01.80	110358	14	55	01.73- 01.80	110869	12	1.5
450 SL 4.5		01.74- 01.80	110358	14	55	01.73- 01.80	110869	12	1.5
						01.74- 01.80	110838	12	1.5
450 SLC 4.5		01.74- 01.80	110358	14	55	01.73- 01.80	110869	12	1.5
						01.74- 01.80	110838	12	1.5
500 E 5.0		01.92- 01.93	112194	14	120				
500 SEC 5.0		01.93- 01.93	112194	14	120	01.84- 01.85	110869	12	1.5
		01.84- 01.85	111149	14	80				
500 SEL 5.0		01.92- 01.93	112194	14	120	01.84- 01.85	110869	12	1.5
		01.84- 01.85	111149	14	80				
560 SEC 5.6		01.86- 01.91	111149	14	80	01.86- 01.89	110869	12	1.5
560 SEL 5.6		01.86- 01.91	111149	14	80	01.86- 01.89	110869	12	1.5
560 SL 5.6		01.86- 01.89	111149	14	80	01.86- 01.89	110869	12	1.5
600 SEC 6.0		01.93- 01.93	112194	14	120				
600 SEL 6.0		01.92- 01.93	112194	14	120				
600 SL 6.0		01.93- 01.93	112194	14	120				
C 220 2.2		01.94- 01.96	111369	14	90				
		01.94- 01.96	112529	14	90				
C 230 2.3	[111.974]	01.98- 01.98	111369	14	90				
		01.98- 01.98	112529	14	90	01.98- 01.98	111347	12	1.2
		01.98- 01.98	112530	14	120				
		01.97- 01.97	112530	14	120	01.97- 01.97	111347	12	1.2
		01.97- 01.97	111369	14	90				
		01.97- 01.97	112529	14	90				
C 230 2.3 Super	[111.975]	01.99- 01.00	111369	14	90	01.99- 01.00	111347	12	1.2
C 240 2.6	[112.912]					01.02- 01.02	113282	12	1.4
C 280 2.8	[112.920]	01.99- 01.00	111902	14	115				
		01.98- 01.98	111902	14	115				
		01.94- 01.97	111369	14	90				
		01.94- 01.97	112529	14	90				
C 32 AMG 3.2 Super						01.02- 01.03	113282	12	1.4
C 320 3.2	[112.946]					01.02- 01.03	113282	12	1.4
						01.01- 01.01	113282	12	1.4
C 320 3.2 4 Matic	[112.946]					01.03- 01.03	113282	12	1.4
C 36 AMG 3.6		01.95- 01.97	111369	14	90				
		01.95- 01.97	112529	14	90				
		01.95- 01.97	112530	14	120				
CL 500 5.0		01.98- 01.98	111850	14	143				
CL 600 6.0		01.98- 01.99	111850	14	143				
CLK 320 3.2	[112.940]	01.98- 01.02	111902	14	115	01.02- 01.02	113282	12	1.4
E 300 D 3.0		01.95- 01.97	112529	14	90				
		01.95- 01.97	111354	14	70				
		01.95- 01.97	111369	14	90				
E 320 3.2	[112.941]	01.99- 01.01	111902	14	115	01.02- 01.02	113282	12	1.4
		01.94- 01.97	111369	14	90				
		01.94- 01.97	112529	14	90				
		01.98- 01.98	111902	14	115				
E 320 3.2 4 Matic	[112.941]	01.99- 01.01	111902	14	115	01.02- 01.02	113282	12	1.4
		01.98- 01.98	111902	14	115				
E 420 4.2		01.94- 01.97	112194	14	120				
E 500 5.0		01.94- 01.94	112194	14	120				
G 500 5.0		01.02- 01.02	111902	14	115				
G-CLASS 5.4 4x4	(W463)[M113.993]	08.06-	114737	14	180				
ML 320 3.2	[112.942]	01.99- 01.01	111902	14	115	01.02- 01.02	113282	12	1.4
		01.98- 01.98	111902	14	115				
S 320 3.2	[104.994]	01.99- 01.99	112530	14	120				
		01.98- 01.98	112530	14	120				
		01.94- 01.97	112194	14	120				
S 420 4.2	[119.981]	01.99- 01.99	111850	14	143				
		01.94- 01.97	112194	14	120				
		01.94- 01.98	111850	14	143				
S 500 5.0	[119.980]	01.99- 01.99	111850	14	143				
		01.94- 01.97	112194	14	120				
		01.98- 01.98	111850	14	143				
S 600 6.0		01.94- 01.99	112194	14	120				
SL 320 3.2		01.94- 01.97	112194	14	120				
SL 500 5.0		01.98- 01.98	111850	14	143				
		01.94- 01.97	112194	14	120				
SL 600 6.0	[120.983]	01.99- 01.02	111850	14	143				
		01.98- 01.98	111850	14	143				
		01.94- 01.97	112194	14	120				
SLK 230 2.3 Super	[111.973]					01.99- 01.00	111347	12	1.2
						01.98- 01.98	111347	12	1.2
SLK 320 3.2						01.01- 01.03	113282	12	1.4
<b>PASSENGER CARS AO</b>									
300 T 3.0 TD	(124)	04.85- 06.93	111093	14	70				
	(124)	12.84- 06.93	110923	14	55				
C 200 1.8	(W204)[M271.820]					05.11-	115771	12	
C 300 3.0	(S204)[M272.947]	08.07-	115905	14	150				



CLK 320 3.0 CDI	(209)[OM642.910]	03.05- 03.05-	114042 116113	14 180 A49 14 180					
CLK 500 5.5	(209)[M273.965]	06.06-	115532	14 180	RHD	06.06-	114178	12 1.4	
E 300 3.0 CDI	(S212)[OM642.850]	11.09-	115924	14 180	A25	11.09-	116083	12 1.8	
E 350 3.5	(A207)[M272.988] (C207)	05.11- 05.11-	115905 115905	14 150 14 150					
E-Class 3.5 T-Model	(S211)[M272.985]	05.06-	115905	14 150					
Viano 2.2 CDI	(W639)[OM646.982]	08.05- 08.05-	114102 116068	14 180 14 180					
<b>TRUCKS EU</b>									
204 11.9	(Actros MP2 / MP3)[OM541.948]	06.08- 06.08- 06.08-	113351 115497 115557	28 100 28 80 A49 28 100 A49					
	(Actros MP2 / MP3)[OM541.978]	06.08- 06.08- 06.08-	113351 115497 115557	28 100 28 80 A49 28 100 A49					
608 3.8	(LP)[OM314.910]	10.69- 10.77	111141	14 55	RHD	09.73- 10.77 11.67- 01.73 02.73- 10.77	110525 110512 110524	12 3.0 24 5.4 24 4.0	
	(LP)[OM314.944]	10.69- 10.77	111141	14 55	RHD	02.73- 10.77 09.73- 10.77 10.69- 01.73 09.73- 10.77	110524 110525 110512 110525	24 4.0 12 3.0 24 5.4 12 3.0	
709 3.8	(LP)[OM314.910]	02.66- 07.77 02.66- 07.77 02.66- 12.84 02.66- 07.77	110895 110906 111141 113920	28 55 28 30 14 55 28 35	RHD	11.77- 12.84	110525	12 3.0	
	(LP)[OM314.944]	02.66- 12.84	111141	14 55	RHD	11.77- 12.84	110524	24 4.0	
709 4.0	(LK/LN2)[OM364.907]	03.84- 10.90 11.86- 02.93 11.86- 02.91 10.88- 02.93 03.91- 02.93	110113 110895 110906 112159 113920	28 27 28 55 28 30 28 80 28 35		03.84- 02.93 03.84- 02.93	110524 113979	24 4.0 24 4.0	
	(LK/LN2)[OM364.918]	03.84- 10.90 11.86- 10.90 11.86- 02.91 10.88- 10.90 03.91- 12.98	110113 110895 110906 112159 113920	28 27 28 55 28 30 28 80 28 35		02.92- 02.92- 11.10	110524 113979	24 4.0 24 4.0	
711 4.0	(LK/LN2)[OM354.900]	03.94- 03.94- 03.94- 12.98	110895 112159 113920	28 55 28 80 28 35		04.86-	110524	24 4.0	
711 4.3	(LK/LN2)[OM904.905]	03.96- 03.96- 12.98	112561 113448	28 80 28 100		03.96- 03.96- 12.98 03.96- 12.98	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0	
712 4.3	(Atego 2)[OM900.911]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49	
	(Atego 2)[OM900.917]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49	
	(Atego)[OM904.909]	01.98- 01.01 01.98- 01.01	112561 113448	28 80 28 100		01.98- 01.01 01.98- 10.04 01.98- 10.04 01.98- 10.04	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0	
	(Atego 2)	10.04-	115497	28 80 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49	
	(Atego 2)[OM904.915]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49	
713 4.3	(Atego 2)[OM900.911]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49	
	(Atego 2)[OM900.917]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49	
	(Atego 2)[OM904.909]	10.04-	115497	28 80 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49	
	(Atego 2)[OM904.915]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49	
714 4.2	(Atego)[OM904.910]	01.98- 01.98- 10.04	113448 115497	28 100 28 80 A49		01.98- 10.04 01.98- 10.04 01.98- 01.98- 10.04	115514 114523 111982 115801	24 4.0 A49 24 4.0 24 4.0 24 4.0	
	(Atego)[OM904.916]	09.02- 01.98- 01.98- 10.04 01.98- 10.04	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		01.98- 10.04 09.00- 01.98- 10.04 01.98- 10.04	115514 111982 114523 115801	24 4.0 A49 24 4.0 24 4.0 24 4.0	
715 4.3	(Atego 2)[OM900.912]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49	
	(Atego 2)[OM900.918]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49	
	(Atego)[OM904.922]	01.98- 01.01 01.98- 01.01	112561 113448	28 80 28 100		01.98- 01.01 01.98- 10.04 01.98- 10.04 01.98- 10.04	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0	
	(Atego 2)	10.04-	115497	28 80 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49	
716 4.3	(Atego 2)[OM900.912]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





MERCEDES-BENZ Continued

	(Atego 2)[OM900.918]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49	
	(Atego 2)[OM904.922]	10.04-	115497	28 80 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49	
717 4.2	(Atego)[OM904.911]	01.98- 01.98- 01.98- 10.04	112561 113448 115497	28 80 28 100 28 80 A49		01.98- 10.04 01.98- 01.98- 10.04 01.98- 10.04	115514 111982 114523 115801	24 4.0 A49 24 4.0 24 4.0 24 4.0	
	(Atego)[OM904.917]	01.98- 01.98- 01.98- 10.04 01.98- 10.04	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		01.98- 10.04 09.00- 01.98- 10.04 01.98- 10.04	115514 111982 114523 115801	24 4.0 A49 24 4.0 24 4.0 24 4.0	
808 3.8	(LP)[OM314.910]	10.69- 12.84	111141	14 55			10.69- 01.73 09.73- 12.84 02.73- 12.84	110512 110525 110524	24 5.4 12 3.0 24 4.0
	(LP)[OM314.944]	10.69- 12.84	111141	14 55			10.69- 01.73 09.73- 12.84 02.73- 12.84	110512 110525 110524	24 5.4 12 3.0 24 4.0
	(LP)[OM314.964]	11.77- 12.84	111141	14 55			09.63- 12.84 09.63- 12.84	110524 110525	24 4.0 12 3.0
	(LP)[OM314.965]	11.77- 12.84	111141	14 55			09.63- 12.84 09.63- 12.84	110524 110525	24 4.0 12 3.0
809 3.8	(LP)[OM314.910]	10.69- 12.84	111141	14 55			10.69- 01.73 09.73- 12.84 02.73- 12.84	110512 110525 110524	24 5.4 12 3.0 24 4.0
	(LP)[OM314.944]	10.69- 12.84	111141	14 55			10.69- 01.73 11.77- 12.84 02.73- 12.84	110512 110525 110524	24 5.4 12 3.0 24 4.0
	(LP)[OM314.964]	11.77- 12.84	111141	14 55			09.63- 12.84 09.63- 12.84	110524 110525	24 4.0 12 3.0
	(LP)[OM314.965]	11.77- 12.84	111141	14 55			09.63- 12.84 09.63- 12.84	110524 110525	24 4.0 12 3.0
809 4.0	(LK/LN2)[OM364.907]	03.84- 10.86 11.86- 02.93 11.86- 02.91 10.88- 02.93 03.91- 02.93	110113 110895 110906 112159 113920	28 27 28 55 28 30 28 80 28 35			03.84- 02.93 03.84- 02.93	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM364.918]	03.84- 10.86 11.86- 02.91 12.86- 10.88- 03.91- 12.98	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35			02.92- 02.92- 12.98	110524 113979	24 4.0 24 4.0
811 4.0	(LK/LN2)[OM354.900]	03.94- 03.94- 03.94- 12.98	110895 112159 113920	28 55 28 80 28 35			03.94- 12.98 03.94- 12.98	110524 115801	24 4.0 24 4.0
	(LK/LN2)[OM904.905]	03.94- 03.94- 03.94- 12.98	110895 112159 113920	28 55 28 80 28 35			03.94- 12.99 03.94- 03.94- 12.99	115801 110524	24 4.0 24 4.0
811 4.2	(LK/LN2)[OM904.905]	03.96- 12.99 03.96- 12.99	112561 113448	28 80 28 100			03.96- 03.96- 12.99 03.96- 12.99 03.96- 12.99	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
812 4.2	(Atego 2)[OM904.909]						10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
812 4.3	(Atego 2)[OM900.909]	10.04-	115497	28 80 A49			10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
	(Atego 2)[OM900.911]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49			10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego 2)[OM900.917]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49			10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego)[OM904.909]	01.98- 01.01 01.98- 01.01	112561 113448	28 80 28 100			01.98- 01.01 01.98- 10.04 01.98- 10.04 01.98- 10.04	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
813 4.3	(Atego 2)[OM900.909]	10.04-	115497	28 80 A49			10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
	(Atego 2)[OM900.911]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49			10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego 2)[OM900.917]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49			10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
813 5.7	(LP)[OM353.904]	08.79- 12.84	111141	14 55			09.73- 12.84	110525	12 3.0
	(LP)[OM353.941]	10.69-	111141	14 55			10.69-	110525	12 3.0
	(LP)[OM353.965]	08.79- 12.84	111141	14 55			10.69- 12.84	110525	12 3.0
	(LP)[OM353.981]	Eng. 538581- 03.73- 12.84	111141	14 55			09.63- 12.84	110525	12 3.0
814 4.0	(LK/LN2)[OM354.920]	03.94- 03.94- 03.94- 12.98	110895 112159 113920	28 55 28 80 28 35			03.94-	110524	24 4.0
	(LK/LN2)[OM354.921]	03.94- 03.94- 03.94- 12.98	110895 112159 113920	28 55 28 80 28 35			03.94-	110524	24 4.0
	(LK/LN2)[OM354.922]	03.94- 03.94-	110895 112159	28 55 28 80			03.94-	110524	24 4.0
814 4.2	(LK/LN2)[OM904.906]	03.96-	112561	28 80			03.96- 03.96- 12.99 03.96- 12.99 03.96- 12.99	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Atego)[OM904.910]	01.98- 10.04	115497	28 80 A49			01.98- 01.98- 10.04 01.98- 10.04	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49

## STARTERS & ALTERNATORS



	(Atego)[OM904.916]	01.98- 10.04	115497	28 80	A49	01.98- 111982 24 4.0 01.98- 10.04 114523 24 4.0 01.98- 10.04 115514 24 4.0 A49			
814 6.0	(LK/LN2)[OM356.901]	03.84- 10.86	110113	28 27		03.84- 12.93 110524 24 4.0 02.92- 11.10 113979 24 4.0			
		11.86- 02.93	110895	28 55					
		11.86- 02.91	110906	28 30					
		10.88- 02.93	112159	28 80					
		02.92-	111842	28 140					
			02.92- 12.98	113920	28 35				
	(LK/LN2)[OM356.902]	03.84- 10.86	110113	28 27					
		11.86- 02.91	110906	28 30					
		12.86- 02.93	110895	28 55					
		10.88- 02.93	112159	28 80			03.84- 02.93 110524 24 4.0		
		02.92- 12.98	113920	28 35			02.92- 12.98 113979 24 4.0		
	(LK/LN2)[OM356.905]	02.92-	110895	28 55			02.92-	110524	24 4.0
	(LK/LN2)[OM356.906]	10.88-	112159	28 80					
		06.91-	110895	28 55			12.86-	110524	24 4.0
	(LK/LN2)[OM356.911]	02.92- 12.98	113920	28 35			05.86- 09.93	110524	24 4.0
	(LK/LN2)[OM366.905]	03.84- 10.86	110113	28 27			03.84- 02.93	113979	24 4.0
		11.86- 02.91	110906	28 30					
		11.86- 02.93	113920	28 35			03.84- 02.93	110524	24 4.0
		12.86- 02.93	110895	28 55					
		10.88- 02.93	112159	28 80					
(LK/LN2)[OM366.906]	03.84- 10.86	110113	28 27			03.84- 02.93	110524	24 4.0	
	11.86- 02.91	110906	28 30						
	12.86- 02.93	110895	28 55			03.84- 11.10	113979	24 4.0	
	10.88- 02.93	112159	28 80						
	03.91- 02.93	113920	28 35						
(LK/LN2)[OM366.907]	03.84- 10.86	110113	28 27			03.84- 02.93	110524	24 4.0	
	11.86- 02.91	110906	28 30						
	12.86- 02.93	110895	28 55			03.84- 12.98	113979	24 4.0	
	10.88- 02.93	112159	28 80						
	03.91- 02.93	113920	28 35						
(LK/LN2)[OM366.910]	03.84- 10.86	110113	28 27			03.84- 02.93	110524	24 4.0	
	03.84- 02.93	110895	28 55			03.84- 12.98	113979	24 4.0	
	03.84- 02.93	112159	28 80						
	03.84- 12.98	113920	28 35						
	11.86- 02.91	110906	28 30						
(LK/LN2)[OM366.932]	10.88-	112159	28 80			12.86-	110524	24 4.0	
	06.91-	110895	28 55						
815 4.3	(Atego)[OM900.912]	01.98- 01.01	112561	28 80		01.98- 10.04 114523 24 4.0 01.98- 10.04 115514 24 4.0 A49			
		01.98- 01.01	113448	28 100		01.98- 10.04 115801 24 4.0			
		01.98- 10.04	115497	28 80 A49					
	(Atego 2)	10.04-	113351	28 100			10.04-	111982	24 4.0
		10.04-	115497	28 80 A49			10.04-	114523	24 4.0
		10.04-	115557	28 100 A49			10.04-	115514	24 4.0 A49
	(Atego 2)[OM900.918]	10.04-	113351	28 100			10.04-	111982	24 4.0
		10.04-	115497	28 80 A49			10.04-	114523	24 4.0
		10.04-	115557	28 100 A49			10.04-	115514	24 4.0 A49
	(Atego)[OM904.922]	01.98- 01.01	112561	28 80			01.98- 01.01	111982	24 4.0
		01.98- 01.01	113448	28 100			01.98- 10.04	114523	24 4.0
		01.98- 10.04	115497	28 80 A49			01.98- 10.04	115514	24 4.0 A49
						01.98- 10.04	115801	24 4.0	
(Atego 2)	10.04-	115497	28 80 A49			10.04-	114523	24 4.0	
						10.04-	115514	24 4.0 A49	
						01.98- 10.04	111982	24 4.0 BO	
(Atego)[OM906.922]	01.98-	113448	28 100			01.98- 10.04	114523	24 4.0	
						01.98- 10.04	115514	24 4.0 A49	
815 4.8	(Accelo)					01.12-	111982	24 4.0	
816 4.3	(Atego 2)[OM900.912]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
	(Atego 2)[OM900.918]	10.04-	113351	28 100			10.04-	111982	24 4.0
		10.04-	115497	28 80 A49			10.04-	114523	24 4.0
		10.04-	115557	28 100 A49			10.04-	115514	24 4.0 A49
	(Atego 2)[OM904.922]	10.04-	115497	28 80 A49			10.04-	114523	24 4.0
							10.04-	115514	24 4.0 A49
817 4.2	(LK/LN2)[OM904.907]	03.96-	112561	28 80		03.96-	111982	24 4.0	
						03.96-	114523	24 4.0	
						03.96- 12.99	115514	24 4.0 A49	
					03.96-	115801	24 4.0		
817 4.3	(Atego)[OM904.911]	01.98- 01.01	112561	28 80		01.98- 01.01	111982	24 4.0	
		01.98- 01.01	113448	28 100		01.98- 10.04	114523	24 4.0	
					01.98- 10.04	115514	24 4.0 A49		
					01.98- 10.04	115801	24 4.0		
	(Atego)[OM904.917]	01.98- 01.01	112561	28 80		01.98- 01.01	111982	24 4.0	
		01.98- 01.01	113448	28 100		01.98- 10.04	114523	24 4.0	
					01.98- 10.04	115514	24 4.0 A49		
					01.98- 10.04	115801	24 4.0		
817 6.0	(LK/LN2)[OM356.948]	06.91-	110895	28 55		02.92-	110524	24 4.0	
		06.91-	112159	28 80					
	(LK/LN2)[OM356.951]	03.84- 10.86	110113	28 27		03.84-	110524	24 4.0	
		11.86- 02.91	110906	28 30					
		12.86- 12.98	110895	28 55		12.92- 12.98	113979	24 4.0	
		10.88- 12.98	112159	28 80					
	(LK/LN2)[OM357.900]	06.91-	110895	28 55		01.86- 09.93	110524	24 4.0	
		06.91-	112159	28 80					
		03.94- 12.98	113920	28 35					
	(LK/LN2)[OM357.908]	03.84- 10.86	110113	28 27		03.84-	110524	24 4.0	
11.86- 02.91		110906	28 30						
12.86-		110895	28 55		03.94- 12.98	113979	24 4.0		
10.88-		112159	28 80						
(LK/LN2)[OM357.916]	06.91-	110895	28 55		03.94-	110524	24 4.0		
	06.91-	112159	28 80						
	03.94- 12.98	113920	28 35						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MERCEDES-BENZ Continued

	(LK/LN2)[OM357.917]	06.91- 06.91- 03.94- 12.98	110895 112159 113920	28 55 28 80 28 35		02.92-	110524	24 4.0
	(LK/LN2)[OM366.942]	06.91- 06.91- 02.92- 12.98	110895 112159 113920	28 55 28 80 28 35		01.86- 09.93	110524	24 4.0
	(LK/LN2)[OM366.943]	06.91- 06.91- 02.92- 12.98	110895 112159 113920	28 55 28 80 28 35		01.86- 09.93	110524	24 4.0
	(LK/LN2)[OM366.967]	03.84- 02.93 11.86- 12.91 12.86- 02.93 10.88- 02.93	113920 110906 110895 112159	28 35 28 30 28 55 28 80		03.84- 02.93 03.84- 09.93	113979 110524	24 4.0 24 4.0
	(LK/LN2)[OM366.968]	01.86- 02.93 10.88- 05.91 06.91-	113920 112159 110895	28 35 28 80 28 55		01.86-	110524	24 4.0
	(LK/LN2)[OM366.969]	10.88- 05.91 06.91-	112159 110895	28 80 28 55		06.86- 02.93	110524	24 4.0
	(LK/LN2)[OM366.973]	03.84- 10.86 11.86- 02.91 12.86- 10.88- 03.91- 02.93	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		03.84- 03.84- 02.93	110524 113979	24 4.0 24 4.0
818 4.2	(Atego 2)[OM900.913]	02.06-	115497	28 80 A49		10.04- 02.06-	114523 115514	24 4.0 24 4.0 A49
	(Atego 2)[OM900.919]	10.04-	115497	28 80 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
818 4.3	(Atego 2)[OM900.913]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego 2)[OM900.919]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
822 4.8	(Atego 2)[OM924.920]	10.04- 10.04- 10.04- 10.04-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego 2)[OM924.922]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04-	114086 115514	24 5.5 24 4.0 A49
		10.04-	115557	28 100 A49		10.04-	114523	24 4.0
	(Atego 2)[OM924.930]	10.04- 10.04-	115497 115557	28 80 A49 28 100 A49		10.04- 06.06-	111982 111982	24 4.0 24 4.0 A49
823 6.4	(Atego)[OM902.916]	01.98- 01.98- 01.98-	113351 115497 115557	28 100 28 80 A49 28 100 A49		01.98- 01.98- 01.98-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego)[OM906.910]	01.98- 01.01 01.98- 01.01 01.98-	112561 113448 115497	28 80 28 100 28 80 A49		01.98- 10.04 01.98- 10.04 01.98- 01.01 01.98- 10.04	114523 115514 111982 115801	24 4.0 24 4.0 A49 24 4.0 24 4.0
	(Atego)[OM906.915]	01.98- 01.01 01.98- 01.98- 01.01 01.98-	112561 113351 113448 115557	28 80 28 100 28 100 28 100 A49		01.98- 10.04 01.98- 10.04 01.98- 10.04 01.98-	114523 115801 115514 111982	24 4.0 24 4.0 24 4.0 A49 24 4.0
824 6.4	(Atego)[OM902.916]	01.98- 01.98- 01.98-	113351 115497 115557	28 100 28 80 A49 28 100 A49		01.98- 01.98- 01.98-	115514 114523 111982	24 4.0 A49 24 4.0 24 4.0
	(Atego)[OM906.910]	01.98- 01.98- 01.98-	113351 115497 115557	28 100 28 80 A49 28 100 A49		01.98- 01.98- 01.98-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego)[OM906.915]	01.98-	113351	28 100		01.98- 01.98- 01.98-	111982 115514 114523	24 4.0 24 4.0 A49 24 4.0
824 7.2	(Atego 2)[OM925.920]	01.98- 10.10- 10.04-	115557 113351 115497 115557	28 100 A49 28 100 28 80 A49 28 100 A49		10.04- 10.04-	114086 115896	24 5.5 24 5.5 A49
911 5.7	(LP)[OM352.907]	01.70- 03.77	111141	14 55		09.73- 03.77 01.67- 12.69 01.67- 03.77	110525 110512 110601	12 3.0 24 5.4 24 5.4
	(LP)[OM352.986]	01.70- 03.77	111141	14 55		01.67- 12.69 09.73- 03.77 01.67- 03.77	110512 110525 110601	24 5.4 12 3.0 24 5.4
	(LP)[OM353.909]	01.70- 03.77	111141	14 55		09.73- 03.77 01.67- 12.69	110525 110512	12 3.0 24 5.4
913 5.7	(LP)[OM353.904]	08.79- 12.84	111141	14 55		09.73- 12.84	110525	12 3.0
	(LP)[OM353.965]	08.79- 12.84	111141	14 55		09.73- 12.84	110525	12 3.0
	(LP)[OM353.981]	08.79- 12.84	111141	14 55		09.63- 12.84	110525	12 3.0
	(LP)[OM353.982]	08.79- 12.84	111141	14 55		09.73- 12.84	110525	12 3.0
914 6.0	(LK/LN2)[OM356.901]	03.84- 10.86 11.86- 02.91 12.86- 10.88- 02.92- 12.98	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		03.84- 03.84- 12.98	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM356.903]	02.92- 02.92- 12.98	110895 113920	28 55 28 35		02.92- 02.92- 12.98	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM356.911]	01.94- 12.98	113920	28 35		01.94- 01.94- 12.98	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.905]	03.84- 10.86 11.86- 02.91 12.86- 01.87- 02.93 10.88-	110113 110906 110895 113920 112159	28 27 28 30 28 55 28 35 28 80		03.84- 02.93 03.84- 02.93	113979 110524	24 4.0 24 4.0

## STARTERS & ALTERNATORS



	(LK/LN2)[OM366.907]	03.84- 10.86 03.84- 11.86- 02.91 12.86- 03.91- 02.93	110113 112159 110906 110895 113920	28 27 28 80 28 30 28 55 28 35		03.84-   03.84- 02.93	110524   113979	24 4.0   24 4.0
	(LK/LN2)[OM366.918]	02.87- 02.93	113920	28 35		02.87- 02.93 02.87- 02.93	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.930]	03.84- 10.86 07.86- 12.98 11.86- 02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28 27 28 35 28 30 28 55 28 80		03.84-   03.84- 12.98	110524   113979	24 4.0   24 4.0
	(LK/LN2)[OM366.940]	01.87- 02.93	113920	28 35		01.87- 02.93 01.87- 02.93	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.944]	02.87- 02.93	113920	28 35		02.87- 02.93 02.87- 02.93	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.945]	02.92- 02.92- 12.98	110895 113920	28 55 28 35		02.87- 02.93 02.87- 02.93	110524 113979	24 4.0 24 4.0
915 4.3	(Atego 2)[OM900.912]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego 2)[OM900.918]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego 2)[OM904.922]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
916 4.2	(Atego 2)[OM900.912]	02.06-	115497	28 80 A49		10.04- 02.06-	114523 115514	24 4.0 24 4.0 A49
	(Atego 2)[OM900.918]	10.04-	115497	28 80 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
916 4.3	(Atego 2)[OM900.912]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego 2)[OM900.918]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego 2)[OM904.922]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
917 4.2	(LK/LN2)[OM904.907]	03.96-	112561	28 80		03.96- 03.96- 03.96- 12.99 03.96-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Atego)[OM904.911]	01.98- 01.98- 01.98- 10.04 01.98- 10.04	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		01.98- 01.98- 10.04 01.98- 10.04 01.98- 10.04	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
917 4.3	(Atego)[OM904.911]	01.98- 01.01 01.98- 01.01	112561 113448	28 80 28 100		01.98- 01.01 01.98- 10.04 01.98- 10.04 01.98- 10.04	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Atego)[OM904.917]	01.98- 01.01 01.98- 01.01	112561 113448	28 80 28 100		01.98- 01.01 01.98- 10.04 01.98- 10.04 01.98- 10.04	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Atego)[OM904.949]	01.98- 01.01 01.98- 01.01	112561 113448	28 80 28 100		01.98- 01.01 01.98- 10.04 01.98- 10.04 01.98- 10.04	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
917 6.0	(LK/LN2)[OM356.941]	12.92- 12.92-	110895 112159	28 55 28 80		12.92- 12.92- 12.98	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM357.900]	03.94- 12.98 03.94- 12.98 03.94- 12.98	110895 112159 113920	28 55 28 80 28 35		03.94- 12.98 03.94- 12.98 03.94- 12.98	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM357.901]	03.94- 03.94- 03.94- 12.98	110895 112159 113920	28 55 28 80 28 35		03.94- 03.94- 12.98	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM357.906]	03.94- 03.94- 03.94- 12.98	110895 112159 113920	28 55 28 80 28 35		03.94- 03.94- 11.10	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM357.909]	02.87- 12.92-	110895 112159	28 55 28 80		12.92- 03.94- 11.10	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM357.910]	02.87- 12.92-	110895 112159	28 55 28 80		12.92- 12.92- 12.98	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM357.918]	03.94- 03.94- 03.94- 12.98	110895 112159 113920	28 55 28 80 28 35		03.94- 03.94- 12.98	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.966]	02.87- 02.87- 02.93	110895 113920	28 55 28 35		02.87- 02.93 02.87- 02.93	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.974]	02.87- 02.87- 02.93	110895 113920	28 55 28 35		02.87- 02.93 02.87- 02.93	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.978]	02.87- 02.87- 02.93	110895 113920	28 55 28 35		02.87- 02.93 02.87- 02.93	110524 113979	24 4.0 24 4.0
918 4.2	(Atego 2)[OM900.913]	10.04- 10.04-	113351 115497	28 100 28 80 A49		02.06- 10.04- 10.04- 10.04-	111982 115514 114523 115896	24 4.0 24 4.0 A49 24 4.0 24 5.5 A49
	(Atego 2)[OM900.919]	10.04- 10.04-	115557 115497	28 100 A49 28 80 A49		10.04- 10.04-	114086 114523	24 5.5 24 4.0
918 4.3	(Atego 2)[OM900.913]	10.04- 10.04-	115497 115557	28 80 A49 28 100 A49		10.04- 10.04-	115514 111982	24 4.0 A49 24 4.0
	(Atego 2)[OM900.919]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49

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O.E.M. names and numbers are used for reference purposes only.





Application list

MERCEDES-BENZ Continued

922 4.8	(Atego 2)[OM924.920]	10.04-	113351	28 100	10.04-	115514	24 4.0	A49	
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0		
		10.04-	115557	28 100 A49	10.04-	111982	24 4.0		
	(Atego 2)[OM924.922]	10.04-	113351	28 100	10.04-	114086	24 5.5		
		10.04-	115497	28 80 A49	10.04-	115514	24 4.0	A49	
					10.04-	114523	24 4.0		
	(Atego 2)[OM924.930]	10.04-	115557	28 100 A49	10.04-	115896	24 5.5	A49	
					06.06-	111982	24 4.0		
		10.04-	115497	28 80 A49	10.04-	115514	24 4.0	A49	
	923 6.4	(Atego 2)[OM902.916]	10.04-	113351	28 100	10.04-	111982	24 4.0	
			10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
			10.04-	115557	28 100 A49	10.04-	115514	24 4.0	A49
(Atego)[OM906.910]		01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0		
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0		
					01.98- 10.04	115514	24 4.0	A49	
(Atego 2)		10.04-	113351	28 100	01.98- 10.04	115801	24 4.0		
		10.04-	115497	28 80 A49	10.04-	111982	24 4.0		
		10.04-	115557	28 100 A49	10.04-	114523	24 4.0		
(Atego)[OM906.915]		01.98- 01.01	112561	28 80	10.04-	115514	24 4.0	A49	
		01.98- 01.01	113448	28 100	01.98- 01.01	111982	24 4.0		
					01.98- 10.04	114523	24 4.0		
(Atego 2)	10.04-	113351	28 100	01.98- 10.04	115514	24 4.0	A49		
	10.04-	115497	28 80 A49	01.98- 10.04	115801	24 4.0			
	10.04-	115557	28 100 A49	10.04-	111982	24 4.0			
924 6.4	(Atego 2)[OM902.916]	10.04-	113351	28 100	10.04-	114523	24 4.0		
		10.04-	115497	28 80 A49	10.04-	115514	24 4.0	A49	
		10.04-	115557	28 100 A49	10.04-	111982	24 4.0		
	(Atego 2)[OM906.910]	10.04-	113351	28 100	10.04-	114523	24 4.0		
		10.04-	115497	28 80 A49	10.04-	111982	24 4.0		
		10.04-	115557	28 100 A49	10.04-	114523	24 4.0		
	(Atego 2)[OM906.915]	10.04-	113351	28 100	10.04-	115514	24 4.0	A49	
		10.04-	115497	28 80 A49	10.04-	111982	24 4.0		
		10.04-	115557	28 100 A49	10.04-	114523	24 4.0		
	925 6.4	(Atego)[OM906.919]			10.04-	115514	24 4.0	A49	
	926 6.4	(Atego 2)[OM902.917]	10.04-	113351	28 100	01.98-	111982	24 4.0	
			02.06-	115497	28 80 A49	02.06-	111982	24 4.0	
					10.04-	114086	24 5.5		
					02.06-	115514	24 4.0	A49	
1013 5.7	(LP)[OM353.904]	08.79- 12.84	111141	14 55	10.04-	115896	24 5.5	A49	
					10.04-	114523	24 4.0		
	(NG)[OM353.942]	07.79- 12.86	111141	14 55	11.76- 12.84	110525	12 3.0		
					02.76- 12.86	110525	12 3.0		
	(NG)[OM353.943]	07.79- 12.86	111141	14 55	02.76- 12.86	110525	12 3.0		
					02.76- 12.84	110525	12 3.0		
	(NG)[OM353.945]	08.79- 12.84	111141	14 55	02.76- 12.84	110525	12 3.0		
					02.76- 12.84	110525	12 3.0		
	(NG)[OM353.946]	08.79- 12.84	111141	14 55	02.76- 12.84	110525	12 3.0		
					02.76- 12.84	110525	12 3.0		
	(LP)[OM353.965]	08.79- 12.84	111141	14 55	11.76- 12.84	110525	12 3.0		
					11.76- 12.84	110525	12 3.0		
(LP)[OM353.981]	08.79- 12.84	111141	14 55	11.76- 12.84	110525	12 3.0			
				11.76- 12.84	110525	12 3.0			
(LP)[OM353.982]	08.79- 12.84	111141	14 55	11.76- 12.84	110525	12 3.0			
1016 4.2	(Atego 2)[OM900.912]	02.06-	115497	28 80 A49	10.04-	114523	24 4.0		
					02.06-	115514	24 4.0	A49	
	(Atego 2)[OM900.918]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0		
(Atego 2)[OM904.922]	10.04-	115497	28 80 A49	10.04-	115514	24 4.0	A49		
				10.04-	111982	24 4.0			
				10.04-	114523	24 4.0			
1016 4.3	(Atego 2)[OM900.912]	10.04-	113351	28 100	10.04-	115514	24 4.0	A49	
		10.04-	115497	28 80 A49	10.04-	111982	24 4.0		
		10.04-	115557	28 100 A49	10.04-	114523	24 4.0		
(Atego 2)[OM900.918]	10.04-	113351	28 100	10.04-	115514	24 4.0	A49		
	10.04-	115497	28 80 A49	10.04-	111982	24 4.0			
	10.04-	115557	28 100 A49	10.04-	114523	24 4.0			
1016 4.8	(Accelo)			01.12-	111982	24 4.0			
1017 4.2	(Atego)[OM904.911]	01.98-	112561	28 80	01.98-	111982	24 4.0		
		01.98-	113351	28 100	01.98- 10.04	114523	24 4.0		
		01.98-	113448	28 100	01.98- 10.04	115514	24 4.0	A49	
		01.98- 10.04	115497	28 80 A49	01.98- 10.04	115801	24 4.0		
		01.98- 10.04	115557	28 100 A49					
	(Atego)[OM904.917]	01.98-	112561	28 80	01.98-	111982	24 4.0		
		01.98-	113351	28 100	01.98- 10.04	114523	24 4.0		
		01.98-	113448	28 100	01.98- 10.04	115514	24 4.0	A49	
		01.98- 10.04	115497	28 80 A49	01.98- 10.04	115801	24 4.0		
		01.98- 10.04	115557	28 100 A49					
1017 4.3	(Atego)[OM900.913]	01.98- 10.04	112561	28 80	01.98- 10.04	111982	24 4.0		
		01.98- 10.04	113448	28 100	01.98- 10.04	114523	24 4.0		
					01.98- 10.04	115514	24 4.0		
					01.98- 10.04	115801	24 4.0		
	(Atego)[OM904.911]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0		
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0		
					01.98- 10.04	115514	24 4.0	A49	
					01.98- 10.04	115801	24 4.0		
(Atego)[OM904.917]	01.98- 10.04	112561	28 80	01.98- 10.04	111982	24 4.0			
	01.98- 10.04	113351	28 100	01.98- 10.04	114523	24 4.0	A49		
	01.98- 10.04	113448	28 100	01.98- 10.04	115514	24 4.0			
	01.98- 10.04	115497	28 80 A49	01.98- 10.04	114523	24 4.0			
	01.98- 10.04	115557	28 100 A49	01.98- 10.04	115801	24 4.0			
1017 5.7	(NG)[OM353.950]	11.75- 02.91	111141	14 55	11.75- 02.91	110525	12 3.0		
		02.76- 09.85	110113	28 27	11.75- 02.91	110524	24 4.0		
	(NG)[OM353.952]	11.75- 02.91	111141	14 55	11.75- 02.91	110524	24 4.0		
					11.75- 02.91	110525	12 3.0		
	(NG)[OM353.953]	11.75- 02.91	111141	14 55	11.75- 02.91	110524	24 4.0		
					11.75- 02.91	110525	12 3.0		
	(NG)[OM353.954]	11.75- 09.85	111141	14 55	11.75- 09.85	110524	24 4.0		
					11.75- 05.84	110525	12 3.0		
	(NG)[OM353.970]	02.76- 12.84	111141	14 55	02.76- 12.84	110525	12 3.0		
		02.76- 12.84	111141	14 55	02.76- 12.84	110525	12 3.0		

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	(NG)[OM353.975]	11.75- 02.91	111141	14	55		11.75- 02.91	110524	24	4.0
							11.75- 02.91	110525	12	3.0
1018 4.2	(Atego 2)[OM900.913]	10.04- 02.06-	113351 115497	28	100 80 A49		02.06-	111982	24	4.0
							10.04-	114086	24	5.5
							02.06-	115514	24	4.0 A49
							10.04-	115896	24	5.5 A49
		10.04-	115557	28	100 A49		10.04-	114523	24	4.0
	(Atego 2)[OM900.919]	10.04-	115497	28	80 A49		10.04-	114523	24	4.0
							10.04-	115514	24	4.0 A49
	(Atego 2)[OM904.911]	02.06-	115497	28	80 A49		02.06-	115514	24	4.0 A49
1018 4.3	(Atego)[OM900.913]	01.98- 10.04	112561	28	80		01.98- 10.04	114523	24	4.0
		01.98- 10.04	113351	28	100		01.98- 10.04	115514	24	4.0 A49
		01.98- 10.04	113448	28	100		01.98- 10.04	115801	24	4.0
		01.98- 10.04	115497	28	80					
		01.98- 10.04	115557	28	100 A49					
	(Atego 2)	10.04-	113351	28	100		10.04-	111982	24	4.0
		10.04-	115497	28	80 A49		10.04-	114523	24	4.0
		10.04-	115557	28	100 A49		10.04-	115514	24	4.0 A49
	(Atego 2)[OM900.919]	10.04-	113351	28	100		10.04-	111982	24	4.0
		10.04-	115497	28	80 A49		10.04-	114523	24	4.0
		10.04-	115557	28	100 A49		10.04-	115514	24	4.0 A49
	(Atego)[OM904.911]	01.98- 10.04	112561	28	80		01.98- 10.04	111982	24	4.0
		01.98- 10.04	113351	28	100		01.98- 10.04	114523	24	4.0
		01.98- 10.04	113448	28	100		01.98- 10.04	115514	24	4.0 A49
		01.98- 10.04	115497	28	80 A49		01.98- 10.04	115801	24	4.0
		01.98- 10.04	115557	28	100 A49					
	(Atego)[OM904.917]	01.98- 10.04	112561	28	80		01.98- 10.04	111982	24	4.0
		01.98- 10.04	113351	28	100		01.98- 10.04	114523	24	4.0
		01.98- 10.04	113448	28	100		01.98- 10.04	115514	24	4.0 A49
		01.98- 10.04	115497	28	80 A49		01.98- 10.04	115801	24	4.0
		01.98- 10.04	115557	28	100 A49					
1022 4.8	(Atego 2)[OM924.920]	10.04-	113351	28	100		10.04-	115514	24	4.0 A49
		10.04-	115497	28	80 A49		10.04-	114523	24	4.0
		10.04-	115557	28	100 A49		10.04-	111982	24	4.0
	(Atego 2)[OM924.922]	10.04-	113351	28	100		10.04-	114086	24	5.5
		10.04-	115497	28	80 A49		10.04-	115514	24	4.0 A49
							10.04-	114523	24	4.0
							10.04-	115896	24	5.5 A49
		10.04-	115557	28	100 A49		06.06-	111982	24	4.0
	(Atego 2)[OM924.930]	10.04-	115497	28	80 A49		10.04-	115514	24	4.0 A49
		10.04-	115557	28	100 A49					
1023 6.4	(Atego 2)[OM902.916]	10.04-	113351	28	100		10.04-	111982	24	4.0
		10.04-	115497	28	80 A49		10.04-	114523	24	4.0
		10.04-	115557	28	100 A49		10.04-	115514	24	4.0 A49
	(Atego)[OM906.910]	01.98- 10.04	112561	28	80		01.98- 10.04	111982	24	4.0
		01.98- 10.04	113448	28	100		01.98- 10.04	114523	24	4.0
		01.98- 10.04	115497	28	80 A49		01.98- 10.04	115514	24	4.0 A49
							01.98- 10.04	115801	24	4.0
	(Atego 2)	10.04-	113351	28	100		10.04-	111982	24	4.0
		10.04-	115497	28	80 A49		10.04-	114523	24	4.0
		10.04-	115557	28	100 A49		10.04-	115514	24	4.0 A49
	(Atego)[OM906.915]	01.98- 10.04	112561	28	80		01.98- 10.04	111982	24	4.0
		01.98- 10.04	113351	28	100		01.98- 10.04	114523	24	4.0
		01.98- 10.04	113448	28	100		01.98- 10.04	115514	24	4.0 A49
		01.98- 10.04	115497	28	80 A49					
		01.98- 10.04	115557	28	100 A49					
	(Atego 2)	10.04-	113351	28	100		10.04-	111982	24	4.0
		10.04-	115497	28	80 A49		10.04-	114523	24	4.0
		10.04-	115557	28	100 A49		10.04-	115514	24	4.0 A49
1024 6.4	(Atego 2)[OM902.916]	10.04-	113351	28	100		10.04-	111982	24	4.0
		10.04-	115497	28	80 A49		10.04-	114086	24	5.5
							10.04-	115514	24	4.0 A49
							10.04-	115896	24	5.5 A49
		10.04-	115557	28	100 A49		10.04-	114523	24	4.0
	(Atego 2)[OM906.910]	10.04-	113351	28	100		10.04-	111982	24	4.0
		10.04-	115497	28	80 A49		10.04-	114523	24	4.0
		10.04-	115557	28	100 A49		10.04-	115514	24	4.0 A49
	(Atego 2)[OM906.915]	10.04-	113351	28	100		10.04-	111982	24	4.0
		10.04-	115497	28	80 A49		10.04-	114523	24	4.0
		10.04-	115557	28	100 A49		10.04-	115514	24	4.0 A49
1113 5.7	(LP)[OM353.904]	01.80- 12.84	111141	14	55		01.80- 12.84	110525	12	3.0
	(LP)[OM353.982]	01.80- 12.84	111141	14	55		01.80- 12.84	110525	12	3.0
1114 6.0	(LK/LN2)[OM356.903]	02.87- 02.87- 02.91 10.88- 02.92- 12.99	110895 110906 112159 113920	28	55 30 80 35		02.87- 02.92- 12.99	110524 113979	24	4.0 4.0
	(LK/LN2)[OM356.904]	03.84- 10.86 11.86- 02.91 12.86- 10.88- 02.92- 12.99	110113 110906 110895 112159 113920	28	27 30 55 80 35		03.84- 02.92- 12.99	110524 113979	24	4.0 4.0
	(LK/LN2)[OM356.907]	12.85- 10.88-	110895 112159	28	55 80		12.85- 02.92- 12.99	110524 113979	24	4.0 4.0
	(LK/LN2)[OM356.930]	03.84- 10.86 11.86- 02.91 12.86- 10.88- 03.91- 02.93	110113 110906 110895 112159 113920	28	27 30 55 80 35		03.84- 02.93	113979	24	4.0
	(LK/LN2)[OM366.907]	03.84- 10.86 08.84- 02.93 11.86- 02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28	27 35 30 55 80		03.84-	110524	24	4.0
							03.84- 02.93	113979	24	4.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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	(LK/LN2)[OM366.914]	03.84- 10.86	110113	28 27		03.84-	110524	24 4.0	
		10.84- 02.93	113920	28 35					
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55		03.84- 02.93	113979	24 4.0	
		10.88-	112159	28 80					
	(LK/LN2)[OM366.918]	02.87-	110895	28 55		02.87-	110524	24 4.0	
		02.87- 02.91	110906	28 30		02.87- 02.93	113979	24 4.0	
		02.87- 02.93	113920	28 35					
		10.88-	112159	28 80					
	(LK/LN2)[OM366.931]	07.86- 02.93	113920	28 35		02.87- 02.93	110524	24 4.0	
						02.87- 02.93	113979	24 4.0	
	(LK/LN2)[OM366.933]	12.85-	110895	28 55		12.85-	110524	24 4.0	
		10.88-	112159	28 80		12.85- 02.93	113979	24 4.0	
	(LK/LN2)[OM366.935]	07.86- 02.93	110895	28 55		02.87- 02.93	110524	24 4.0	
		07.86- 02.93	113920	28 35		02.87- 02.93	113979	24 4.0	
1117 4.2	(LK/LN2)[OM356.947]	02.92- 12.99	113920	28 35		06.87-	110524	24 4.0	
						02.92- 12.99	113979	24 4.0	
	(LK/LN2)[OM356.959]	06.87- 12.98	113920	28 35		06.87- 12.98	110524	24 4.0	
						06.87- 12.98	113979	24 4.0	
	(LK/LN2)[OM357.906]	03.94- 12.99	113920	28 35		03.94-	110524	24 4.0	
						03.94- 12.99	113979	24 4.0	
	(LK/LN2)[OM366.966]	06.87- 12.92	113920	28 35		06.87-	110524	24 4.0	
						06.87- 12.92	113979	24 4.0	
	(LK/LN2)[OM366.975]	09.88- 02.93	113920	28 35		06.87- 12.98	110524	24 4.0	
						09.88- 02.93	113979	24 4.0	
	(LK/LN2)[OM366.976]	09.88- 02.93	113920	28 35		06.87- 12.98	110524	24 4.0	
						09.88- 02.93	113979	24 4.0	
	(LK/LN2)[OM904.907]	03.96-	112561	28 80		03.96-	111982	24 4.0	
						03.96-	114523	24 4.0	
1117 6.0	(LK/LN2)[OM356.949]	06.90-	110895	28 55		03.84-	110524	24 4.0	
		03.93-	112159	28 80		03.93- 12.99	113979	24 4.0	
	(LK/LN2)[OM357.901]	03.84- 10.86	110113	28 27		03.84-	110524	24 4.0	
		07.86- 12.99	113920	28 35					
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55		07.86- 12.99	113979	24 4.0	
		10.88-	112159	28 80					
	(LK/LN2)[OM357.902]	03.94- 12.98	113920	28 35		03.94- 12.98	110524	24 4.0	
						03.94- 12.98	113979	24 4.0	
	(LK/LN2)[OM357.906]	03.94- 12.98	113920	28 35		03.94- 12.98	110524	24 4.0	
						03.94- 12.98	113979	24 4.0	
	(LK/LN2)[OM357.907]	04.84- 12.98	110895	28 55		03.94- 12.98	110524	24 4.0	
		04.84- 12.98	111833	28 140 w/ bushing in rear brackethole		03.94- 12.98	113979	24 4.0	
		04.84- 12.98	112159	28 80					
		04.84- 12.98	113920	28 35					
	04.84- 12.98	116063	28 140 w/o bushing in rear brackethole						
(LK/LN2)[OM357.918]	03.84- 10.86	110113	28 27		03.94- 12.99	113979	24 4.0		
	11.86- 02.91	110906	28 30						
	12.86-	110895	28 55		03.84-	110524	24 4.0		
	10.88-	112159	28 80						
	03.94- 12.99	113920	28 35						
(LK/LN2)[OM357.919]	06.90-	110895	28 55		03.84-	110524	24 4.0		
	09.93-	112159	28 80		03.93- 12.99	113979	24 4.0		
(LK/LN2)[OM366.941]	03.84- 10.86	110113	28 27		03.84-	110524	24 4.0		
	11.86- 02.91	110906	28 30						
	12.86-	110895	28 55		03.84-	110524	24 4.0		
	10.88-	112159	28 80		02.92- 12.99	113979	24 4.0		
	02.92- 12.99	113920	28 35						
(LK/LN2)[OM366.953]	03.84- 10.86	110113	28 27		03.84- 12.92	110524	24 4.0		
	04.84- 12.92	113920	28 35						
	11.86- 02.91	110906	28 30						
	12.86-	110895	28 55		03.84- 12.92	113979	24 4.0		
	10.88-	112159	28 80						
(LK/LN2)[OM366.962]	03.84- 10.86	110113	28 27		03.84-	110524	24 4.0		
	04.84- 12.92	113920	28 35						
	11.86- 02.91	110906	28 30						
	12.86-	110895	28 55		04.84- 12.92	113979	24 4.0		
	10.88-	112159	28 80						
(LK/LN2)[OM366.970]	04.84- 10.86	110113	28 27		07.86- 02.93	113979	24 4.0		
	07.86- 02.93	113920	28 35						
	11.86- 02.91	110906	28 30						
	12.86-	110895	28 55						
	10.88-	112159	28 80						
(LK/LN2)[OM366.971]	06.90-	110895	28 55		03.84-	110524	24 4.0		
	03.93-	112159	28 80		03.93- 12.99	113979	24 4.0		
1120 6.0	(LK/LN2)[OM356.986]	06.84- 10.86	110113	28 27		02.92- 12.99	113979	24 4.0	
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55		06.84-	110524	24 4.0	
		10.88-	112159	28 80					
		02.92- 12.99	113920	28 35					
	(LK/LN2)[OM356.993]	02.92-	110895	28 55		02.92-	110524	24 4.0	
						02.92- 12.99	113979	24 4.0	
	(LK/LN2)[OM356.994]	02.87-	110895	28 55		02.87-	110524	24 4.0	
						10.92- 12.99	113979	24 4.0	
	(LK/LN2)[OM356.995]	02.87-	110895	28 55		02.87-	110524	24 4.0	
						10.92- 12.99	113979	24 4.0	
	(LK/LN2)[OM356.996]	10.92-	110895	28 55		10.92-	110524	24 4.0	
						10.92- 12.99	113979	24 4.0	
	(LK/LN2)[OM357.920]	06.84- 10.86	110113	28 27		06.84-	110524	24 4.0	
		11.86- 02.91	110906	28 30					
	12.86-	110895	28 55		06.94- 12.99	113979	24 4.0		
	10.88-	112159	28 80						
	06.94- 12.99	113920	28 35						

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	(LK/LN2)[OM357.927]	06.84- 10.86	110113	28 27	06.84-	110524	24 4.0
		11.86- 02.91	110906	28 30			
		12.86-	110895	28 55			
		10.88-	112159	28 80	06.84- 12.99	113979	24 4.0
		06.94- 12.99	113920	28 35			
	(LK/LN2)[OM357.929]	06.94- 12.99	113920	28 35	02.92-	110524	24 4.0
					02.92- 12.99	113979	24 4.0
	(LK/LN2)[OM357.932]	06.84- 10.86	110113	28 27			
		11.86- 02.91	110906	28 30	06.94- 12.99	113979	24 4.0
		12.86-	110895	28 55	06.84-	110524	24 4.0
		10.88-	112159	28 80			
		06.94- 12.99	113920	28 35			
	(LK/LN2)[OM366.962]	08.84- 02.93	113920	28 35	08.84- 02.93	110524	24 4.0
					08.84- 02.93	113979	24 4.0
	(LK/LN2)[OM366.988]	06.84- 10.86	110113	28 27			
	06.84- 02.93	113920	28 35	06.84-	110524	24 4.0	
	11.86- 02.91	110906	28 30				
	12.86-	110895	28 55				
	10.88-	112159	28 80				
(LK/LN2)[OM366.992]	02.87- 12.92	110895	28 55	02.87- 12.92	110524	24 4.0	
				08.84- 02.93	113979	24 4.0	
(LK/LN2)[OM366.993]	02.92-	110895	28 55	02.92-	110524	24 4.0	
				02.92- 12.99	113979	24 4.0	
(LK/LN2)[OM366.994]	02.87-	110895	28 55	02.87-	110524	24 4.0	
				02.87- 12.92	113979	24 4.0	
1124 6.0	(LK/LN2)[OM356.979]	03.92-	110895	28 55	03.92-	110524	24 4.0
		03.92- 12.99	113920	28 35	03.92- 12.99	113979	24 4.0
	(LK/LN2)[OM356.983]	03.92-	110895	28 55	03.92-	110524	24 4.0
		03.92- 12.99	113920	28 35	03.92- 12.99	113979	24 4.0
	(LK/LN2)[OM356.989]	03.92-	110895	28 55	03.92-	110524	24 4.0
		03.92- 12.99	113920	28 35	03.92- 12.99	113979	24 4.0
	(LK/LN2)[OM356.991]	03.92-	110895	28 55	03.92-	110524	24 4.0
		03.92- 12.99	113920	28 35	03.92- 12.99	113979	24 4.0
	(LK/LN2)[OM357.933]	03.92-	110895	28 55	03.92-	110524	24 4.0
					06.94- 12.99	113979	24 4.0
	(LK/LN2)[OM357.942]	03.92-	110895	28 55	03.92-	110524	24 4.0
					06.94- 12.99	113979	24 4.0
(LK/LN2)[OM357.943]	06.94-	110895	28 55	03.92-	110524	24 4.0	
				06.94- 12.99	113979	24 4.0	
(LK/LN2)[OM357.944]	06.94-	110895	28 55	03.92-	110524	24 4.0	
				06.94- 12.99	113979	24 4.0	
1213 5.7	(NG)[OM353.943]	09.75- 05.86	111141	14 55	09.75- 05.86	110525	12 3.0
	(NG)[OM353.944]	09.75- 05.86	111141	14 55	09.75- 05.86	110525	12 3.0
	(NG)[OM353.945]	09.75- 05.86	111141	14 55	09.75- 05.86	110525	12 3.0
	(NG)[OM353.946]	09.75- 05.86	111141	14 55	09.75- 05.86	110525	12 3.0
1214 4.2	(Atego)[OM904.910]	01.98- 10.04	112561	28 80	01.98- 10.04	111982	24 4.0
		01.98- 10.04	113448	28 100	01.98- 10.04	114523	24 4.0
					01.98- 10.04	115514	24 4.0 A49
	(Atego)[OM904.916]	01.98- 10.04	112561	28 80	01.98- 10.04	111982	24 4.0
		01.98- 10.04	113448	28 100	01.98- 10.04	114523	24 4.0
					01.98- 10.04	115514	24 4.0 A49
1214 4.3	(Atego)[OM904.910]	01.98- 10.04	112561	28 80	01.98-	111982	24 4.0
					01.98- 10.04	114523	24 4.0
					01.98- 10.04	115514	24 4.0 A49
	(Atego)[OM904.916]				01.98-	111982	24 4.0
					01.98- 10.04	114523	24 4.0
					01.98- 10.04	115514	24 4.0 A49
1215 4.3	(Atego 2)[OM900.912]	10.04-	113351	28 100	10.04-	111982	24 4.0
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0 A49
	(Atego)[OM904.922]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0
		01.98- 10.04	115497	28 80 A49	01.98- 10.04	115514	24 4.0 A49
					01.98- 10.04	115801	24 4.0
	(Atego 2)	10.04-	113351	28 100	10.04-	111982	24 4.0
	10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
	10.04-	115557	28 100 A49	10.04-	115514	24 4.0 A49	
1216 4.2	(Atego 2)[OM900.912]	02.06-	115497	28 80 A49	10.04-	114523	24 4.0
					02.06-	115514	24 4.0 A49
1216 4.3	(Atego 2)[OM900.912]	10.04-	113351	28 100	10.04-	111982	24 4.0
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0 A49
	(Atego 2)[OM904.922]	10.04-	113351	28 100	10.04-	111982	24 4.0
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0 A49
1217 4.3	(Atego)[OM904.911]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0
					01.98- 10.04	115514	24 4.0 A49
					01.98- 10.04	115801	24 4.0
	(Atego)[OM904.917]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0
				01.98- 10.04	115514	24 4.0 A49	
				01.98- 10.04	115801	24 4.0	
1217 5.7	(NG)[OM353.950]	09.75- 09.85	111141	14 55			
		05.83- 09.85	110895	28 55	09.75- 09.85	110525	12 3.0
		05.83- 09.85	110906	28 30			
		05.83- 09.85	112159	28 80			
	(NG)[OM353.951]	09.75- 09.85	111141	14 55	09.75- 09.85	110525	12 3.0
		05.83- 09.85	110895	28 55			
		05.83- 09.85	110906	28 30			
		05.83- 09.85	112159	28 80			
	(NG)[OM353.952]	09.75- 09.85	111141	14 55			
		05.83- 09.85	110895	28 55	09.75- 09.85	110525	12 3.0
		05.83- 09.85	110906	28 30			
		05.83- 09.85	112159	28 80			

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O.E.M. names and numbers are used for reference purposes only.





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	(NG)[OM353.953]	09.75- 09.85 05.83- 09.85 05.83- 09.85 05.83- 09.85	111141 110895 110906 112159	14 55 28 55 28 30 28 80		09.75- 09.85	110525	12 3.0	
	(NG)[OM353.970]	09.75- 09.85	111141	14 55		09.75- 09.85	110525	12 3.0	
	(NG)[OM353.971]	09.75- 09.85	111141	14 55		09.75- 09.85	110525	12 3.0	
1217 6.0	(LK/LN2)[OM357.901]	03.94- 12.99	113920	28 35		03.94- 03.94- 12.99	110524 113979	24 4.0 24 4.0	
	(LK/LN2)[OM357.918]	03.94- 12.99	113920	28 35		03.94- 03.94- 12.99	110524 113979	24 4.0 24 4.0	
1218 4.2	(Atego 2)[OM900.913]	02.06- 02.06-	112561 115497	28 80 28 80 A49		10.04- 02.06-	114523 115514	24 4.0 24 4.0	A49
1218 4.3	(Atego 2)[OM900.913]	10.04- 10.04- 02.06- 10.04-	113351 115497 112561 115557	28 100 28 80 A49 28 80 28 100 A49		10.04- 10.04- 10.04- 10.04-	114523 115514 111982	24 4.0 24 4.0 24 4.0	A49
	(Atego)[OM904.951]	07.01-	112561	28 80					
1219 9.6	(NG)[OM401.905]	04.81- 12.84	111141	14 55		03.77- 12.84 09.75- 02.77 09.75- 12.84 09.75- 12.84	110206 110210 112120 113855	24 5.4 24 6.6 24 6.6 24 5.4	
	(NG)[OM401.906]	04.81- 09.84	111141	14 55		03.77- 09.84 09.75- 02.77 09.75- 09.84 09.75- 09.84	110206 110210 112120 113855	24 5.4 24 6.6 24 6.6 24 5.4	
	(NG)[OM401.914]	04.81- 09.84	111141	14 55		03.77- 09.84 09.75- 02.77 09.75- 09.84 09.75- 09.84	110206 110210 112120 113855	24 5.4 24 6.6 24 6.6 24 5.4	
	(NG)[OM401.915]	04.81- 09.84	111141	14 55		03.77- 09.84 09.75- 02.77 09.75- 09.84 09.75- 09.84	110206 110210 112120 113855	24 5.4 24 6.6 24 6.6 24 5.4	
	(NG)[OM401.918]					03.77- 09.84 09.75- 02.77 09.75- 09.84 09.75- 09.84	110206 110210 112120 113855	24 5.4 24 6.6 24 6.6 24 5.4	
	(NG)[OM401.919]					03.77- 09.84 09.75- 02.77 09.75- 09.84 09.75- 09.84	110206 110210 112120 113855	24 5.4 24 6.6 24 6.6 24 5.4	
1222 11.0	(NG)[OM421.905]	05.82- 10.90 10.88- 10.90	110895 112159	28 55 28 80		05.82- 10.90 05.82- 10.90	110206 113855	24 5.4 24 5.4	
	(NG)[OM421.906]	05.82- 12.91 10.88- 12.91	110895 112159	28 55 28 80		05.82- 12.91 05.82- 12.92	110206 113855	24 5.4 24 5.4	
	(MK)[OM441.905]	07.89- 08.94 07.89- 02.91 07.89- 08.94 07.89- 08.94 03.91- 09.91	110895 110906 112159 113920	28 55 28 30 28 80 28 35		07.89- 08.94 07.89- 08.94 07.89- 08.94 07.89- 08.94 07.89- 08.94	110206 110512 110601 113855	24 5.4 24 5.4 24 5.4 24 5.4	
	(MK)[OM441.913]	07.89- 08.94 07.89- 02.91 07.89- 08.94 03.91- 09.91	110895 110906 112159 113920	28 55 28 30 28 80 28 35		07.89- 08.94 07.89- 08.94 07.89- 08.94 07.89- 08.94	110206 110512 110601 113855	24 5.4 24 5.4 24 5.4 24 5.4	
	(MK)[OM441.914]	09.89- 07.94 09.89- 02.91 09.89- 07.94 03.91- 09.91	110895 110906 112159 113920	28 55 28 30 28 80 28 35		09.89- 07.94 09.89- 07.94 09.89- 07.94 09.89- 07.94	110206 110512 110601 113855	24 5.4 24 5.4 24 5.4 24 5.4	
	(MK)[OM441.915]	09.89- 09.93	110895	28 55		09.89- 09.93	110206	24 5.4	
	(MK)[OM441.917]	09.89- 09.93	110895	28 55		09.89- 09.93	110206	24 5.4	
	(MK)[OM441.923]	07.89- 08.94 07.89- 08.94	110895 113920	28 55 28 35		07.89- 08.94 07.89- 08.94	110206 113855	24 5.4 24 5.4	
	(MK)[OM441.925]	07.89- 08.94 07.89- 08.94	110895 113920	28 55 28 35		07.89- 08.94 07.89- 08.94	110206 110512	24 5.4 24 5.4	
	(MK)[OM441.926]	09.89- 07.94 09.89- 02.91 09.89- 07.94 03.91- 09.91	110895 110906 112159 113920	28 55 28 30 28 80 28 35		09.89- 07.94 09.89- 07.94 08.89- 07.94 09.89- 07.94	110206 110512 110601 113855	24 5.4 24 5.4 24 5.4 24 5.4	
1222 4.8	(Atego 2)[OM924.920]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	115514 114523 111982	24 4.0 24 4.0 24 4.0	A49
	(Atego 2)[OM924.922]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04-	114086 115514	24 5.5 24 4.0	A49
		10.04- 10.04- 10.04-	115557 115497 115557	28 100 A49 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	114523 115896 111982	24 4.0 24 5.5 24 4.0	A49
	(Atego 2)[OM924.930]	10.04- 10.04-	115497 115557	28 80 A49 28 100 A49		10.04-	115514	24 4.0	A49
1222 6.0	(MK)[OM356.999]	02.93- 02.93- 02.93- 02.01	110895 112159 113920	28 55 28 80 28 35		02.93-	110524	24 4.0	
	(MK)[OM357.946]	02.93- 02.93- 02.93- 02.01	110895 112159 113920	28 55 28 80 28 35		02.93-	110524	24 4.0	
	(MK)[OM366.999]	02.93- 02.93- 02.93- 02.01	110895 112159 113920	28 55 28 80 28 35		02.93-	110524	24 4.0	
1223 6.4	(Atego 2)[OM902.916]	10.04-	115497	28 80 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0	A49

## STARTERS & ALTERNATORS



	(Atego)[OM906.910]	01.98- 09.04	112561	28 80	01.98- 09.04	111982	24 4.0	
		01.98- 09.04	113351	28 100	01.98- 10.04	114523	24 4.0	
		01.98- 09.04	113448	28 100	01.98- 10.04	115514	24 4.0 A49	
		01.98- 09.04	115497	28 80 A49	01.98- 10.04	115801	24 4.0	
		01.98- 09.04	115557	28 100 A49				
	(Atego 2)	10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
					10.04-	115514	24 4.0 A49	
	(Atego)[OM906.915]	01.98- 09.04	112561	28 80	01.98- 09.04	111982	24 4.0	
		01.98- 09.04	113351	28 100	01.98- 10.04	115514	24 4.0 A49	
		01.98- 09.04	113448	28 100	01.98- 10.04	114523	24 4.0	
		01.98- 09.04	115497	28 80 A49	01.98- 10.04	115801	24 4.0	
		01.98- 09.04	115557	28 100 A49				
	(Atego 2)	10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
					10.04-	115514	24 4.0 A49	
1224 6.0	(MK)[OM356.999]	07.89- 08.94	110895	28 55	07.89- 08.94	110524	24 4.0	
					07.89- 08.94	113979	24 4.0	
1224 6.4	(Atego 2)[OM902.916]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
					10.04-	115514	24 4.0 A49	
					10.04-	114523	24 4.0	
	(Atego 2)[OM906.910]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
					10.04-	115514	24 4.0 A49	
	(Atego 2)[OM906.915]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
					10.04-	115514	24 4.0 A49	
1224 9.6	(MK)[OM401.984]	02.93- 09.96	113920	28 35	02.93-	110206	24 5.4	
					02.93- 09.96	113855	24 5.4	
1225 15.1	(NG)[OM442.907]	05.82- 12.91	113920	28 35				
1225 6.4	(Atego)[OM906.919]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0	
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0	
					01.98- 10.04	115514	24 4.0 A49	
					01.98- 10.04	115801	24 4.0	
	(Atego)[OM906.939]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0	
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0	
					01.98- 10.04	115514	24 4.0 A49	
					01.98- 10.04	115801	24 4.0	
1226 11.0	(MK)[OM441.989]	02.93-	110895	28 55	02.93-	110206	24 5.4	
		02.93- 09.96	113920	28 35	02.93- 09.96	113855	24 5.4	
1226 15.1	(MK)[OM442.907]	02.90- 09.93	110895	28 55	02.90- 09.93	110206	24 5.4	
		02.90- 09.93	112159	28 80	02.90- 09.93	113855	24 5.4	
		02.90- 09.93	113920	28 35				
		(MK)[OM442.914]	02.90- 09.93	110895	28 55	02.90- 09.93	110206	24 5.4
			02.90- 09.93	112159	28 80	02.90- 09.93	113855	24 5.4
			02.90- 09.93	113920	28 35			
		(MK)[OM442.920]	02.90- 09.93	110895	28 55	02.90- 09.93	110206	24 5.4
			02.90- 09.93	112159	28 80	02.90- 09.93	113855	24 5.4
		(MK)[OM442.926]	02.90- 09.93	110895	28 55	02.90- 09.93	110206	24 5.4
			02.90- 09.93	113920	28 35	02.90- 09.93	113855	24 5.4
		(MK)[OM442.932]	02.90- 09.93	110895	28 55	02.90- 09.93	110206	24 5.4
			02.90- 09.93	113920	28 35	02.90- 09.93	113855	24 5.4
		(MK)[OM442.933]	02.90- 09.93	110895	28 55	02.90- 09.93	110206	24 5.4
			02.90- 09.93	112159	28 80	02.90- 09.93	113855	24 5.4
	1226 6.4	(Atego 2)[OM902.917]	10.04-	113351	28 100	10.04-	111982	24 4.0
10.04-			115497	28 80 A49	10.04-	114086	24 5.5	
					10.04-	115514	24 4.0 A49	
					10.04-	115896	24 5.5 A49	
					10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49				
1226 7.2	(Atego 2)[OM925.920]	10.03-	115497	28 80 A49	10.04-	115896	24 5.5 A49	
		10.04-	113351	28 100	10.04-	114086	24 5.5	
		10.04-	115557	28 100 A49				
1226 9.6	(MK)[OM401.973]	02.93-	110895	28 55	02.93-	110206	24 5.4	
		02.93- 09.96	113920	28 35	02.93- 09.96	113855	24 5.4	
		(MK)[OM401.978]	02.93-	110895	28 55	02.93-	110206	24 5.4
			02.93- 09.96	113920	28 35	02.93- 09.96	113855	24 5.4
		(MK)[OM401.984]	02.93-	110895	28 55	02.93-	110206	24 5.4
			02.93- 09.96	113920	28 35	02.93- 09.96	113855	24 5.4
		(MK)[OM401.989]	02.93-	110895	28 55	02.93-	110206	24 5.4
			02.93- 09.96	113920	28 35	02.93- 09.96	113855	24 5.4
1227 11.0	(MK)[OM445.933]	01.92- 07.92	110895	28 55				
1227 9.6	(MK)[OM401.973]	01.92- 07.92	110895	28 55	01.92- 07.92	110206	24 5.4	
		01.92- 07.92	113920	28 35	01.92- 07.92	113855	24 5.4	
	(MK)[OM401.989]	01.92- 07.92	110895	28 55	01.92- 07.92	110206	24 5.4	
		01.92- 07.92	113920	28 35	01.92- 07.92	113855	24 5.4	
1228 6.4	(Atego 2)[OM902.918]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
					10.04-	115514	24 4.0 A49	
		(Atego)[OM906.911]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0
			01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0
						01.98- 10.04	115514	24 4.0 A49
						01.98- 10.04	115801	24 4.0
		(Atego 2)	10.04-	115497	28 80 A49	10.04-	114523	24 4.0
						10.04-	115514	24 4.0 A49
		(Atego)[OM906.916]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0
			01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0
					01.98- 10.04	115514	24 4.0 A49	
					01.98- 10.04	115801	24 4.0	
	(Atego 2)	10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
					10.04-	115514	24 4.0 A49	
1229 6.4	(Atego 2)[OM902.918]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
					10.04-	115514	24 4.0 A49	
					10.04-	114523	24 4.0	
	(Atego 2)[OM906.911]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
					10.04-	115514	24 4.0 A49	
	(Atego 2)[OM906.916]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
					10.04-	115514	24 4.0 A49	
1229 7.2	(Atego 2)[OM925.920]	10.04-	113351	28 100	10.04-	114086	24 5.5	
		10.04-	115497	28 80 A49	10.04-	115896	24 5.5 A49	
		10.04-	115557	28 100 A49				
1231 9.6	(MK)[OM401.986]	01.92- 09.96	110895	28 55				
		01.92- 09.96	113920	28 35				

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O.E.M. names and numbers are used for reference purposes only.



Application list

MERCEDES-BENZ Continued

1234 11.0	(MK)[OM441.989]	01.92-	110895	28 55	01.92-	110206	24 5.4		
		01.92- 09.96	113920	28 35	01.92- 09.96	113855	24 5.4		
	(MK)[OM441.993]	01.92-	110895	28 55	01.92-	110206	24 5.4		
		01.92- 09.96	113920	28 35	01.92- 06.96	113855	24 5.4		
	(MK)[OM445.923]	01.92-	110895	28 55	01.92-	110206	24 5.4		
		01.92-	112159	28 80	01.92- 09.96	113855	24 5.4		
		01.94- 09.96	113920	28 35					
	(MK)[OM445.933]	01.92-	110895	28 55	01.92-	110206	24 5.4		
		01.92-	112159	28 80					
		01.94- 09.96	113920	28 35					
1314 6.0	(LK/LN2)[OM356.908]	12.92- 09.95	113920	28 35	07.84- 09.95	110524	24 4.0		
					12.92- 09.95	113979	24 4.0		
		07.84- 10.86	110113	28 27					
		11.86- 02.91	110906	28 30	12.92- 12.99	113979	24 4.0		
		12.86-	110895	28 55	07.84-	110524	24 4.0		
	(LK/LN2)[OM356.910]	06.87-	112159	28 80					
		12.92- 12.99	113920	28 35					
		07.84- 10.86	110113	28 27	07.84-	110524	24 4.0		
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55	12.92- 12.99	113979	24 4.0		
	(LK/LN2)[OM366.907]	10.88-	112159	28 80					
		12.92- 12.99	113920	28 35					
		07.84- 10.86	110113	28 27	07.84-	110524	24 4.0		
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55	07.84- 02.93	113979	24 4.0		
	(LK/LN2)[OM366.914]	10.88-	112159	28 80					
		03.91- 02.93	113920	28 35					
		07.84- 10.86	110113	28 27	07.84-	110524	24 4.0		
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55	07.84- 02.93	113979	24 4.0		
	(LK/LN2)[OM366.918]	10.88-	112159	28 80					
		03.91- 02.93	113920	28 35					
		06.87-	110895	28 55	06.87-	110524	24 4.0		
		06.87- 02.91	110906	28 30	06.87- 02.93	113979	24 4.0		
		06.87-	112159	28 80					
	(LK/LN2)[OM366.936]	03.91- 02.93	113920	28 35					
		07.84- 02.93	113920	28 35	07.84- 09.95	110524	24 4.0		
					07.84- 02.93	113979	24 4.0		
		06.87-	110895	28 55	06.87-	110524	24 4.0		
		06.87- 02.91	110906	28 30	06.87- 02.93	113979	24 4.0		
	(LK/LN2)[OM366.937]	06.87-	112159	28 80					
		03.91- 02.93	113920	28 35					
		06.87-	110895	28 55	06.87-	110524	24 4.0		
		06.87- 02.91	110906	28 30	06.87- 02.93	113979	24 4.0		
		06.87-	112159	28 80					
	1317 4.2	(LK/LN2)[OM904.907]	03.96-	112159	28 80	03.96-	111982	24 4.0	
						03.96- 12.98	114523	24 4.0	
						03.96- 12.99	115514	24 4.0	A49
						03.96- 12.98	115801	24 4.0	
	1317 4.3	(Atego)[OM900.917]	01.98- 10.04	115497	28 80 A49	01.98- 10.04	114523	24 4.0	
					01.98- 10.04	115514	24 4.0	A49	
					01.98- 10.04	115801	24 4.0		
					01.98- 10.04	111982	24 4.0		
(Atego)[OM904.911]		01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0		
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0		
					01.98- 10.04	115514	24 4.0	A49	
					01.98- 10.04	115801	24 4.0		
(Atego)[OM904.913]		01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0		
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0		
					01.98- 10.04	115514	24 4.0	A49	
					01.98- 10.04	115801	24 4.0		
(Atego)[OM904.917]		01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0		
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0		
					01.98- 10.04	115514	24 4.0	A49	
					01.98- 10.04	115801	24 4.0		
1317 6.0	(LK/LN2)[OM356.944]	08.84- 10.86	110113	28 27	08.84-	110524	24 4.0		
		10.86- 02.91	110906	28 30					
		12.86-	110895	28 55	12.92- 12.99	113979	24 4.0		
		10.88-	112159	28 80					
		12.92- 12.99	113920	28 35					
	(LK/LN2)[OM356.945]	12.92-	110895	28 55	12.92-	110524	24 4.0		
		12.92-	112159	28 80	12.92- 12.99	113979	24 4.0		
		12.92- 12.99	113920	28 35					
	(LK/LN2)[OM356.995]	12.92- 12.98	113920	28 35	12.92-	110524	24 4.0		
					12.92- 12.98	113979	24 4.0		
	(LK/LN2)[OM357.902]	07.84- 10.86	110113	28 27					
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55					
		10.88-	112159	28 80	07.84-	110524	24 4.0		
		03.94- 12.99	113920	28 35	07.84- 12.99	113979	24 4.0		
	(LK/LN2)[OM357.903]	03.94-	110895	28 55	03.94-	110524	24 4.0		
		03.94-	112159	28 80	03.94- 12.98	113979	24 4.0		
		03.94- 12.98	113920	28 35					
	(LK/LN2)[OM357.907]	03.94-	110895	28 55	03.94-	110524	24 4.0		
		03.94-	112159	28 80	03.94- 12.99	113979	24 4.0		
		03.94- 12.99	113920	28 35					
	(LK/LN2)[OM357.961]	07.84- 10.86	110113	28 27	07.84-	110524	24 4.0		
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55	08.84- 12.98	113979	24 4.0		
		10.88-	112159	28 80					
		03.94- 12.98	113920	28 35					
	(LK/LN2)[OM357.962]	03.94-	110895	28 55	03.94-	110524	24 4.0		
		03.94-	112159	28 80	03.94- 12.98	113979	24 4.0		
		03.94- 12.98	113920	28 35					
	(LK/LN2)[OM366.944]	08.84- 10.86	110113	28 27	08.84-	110524	24 4.0		
		08.84- 02.93	113920	28 35					
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55	08.84- 02.93	113979	24 4.0		
		10.88-	112159	28 80					
		10.88-	112159	28 80					

## STARTERS & ALTERNATORS



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	(LK/LN2)[OM366.946]	08.84- 10.86 11.86- 02.91 12.86- 10.88- 03.91- 02.93	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		08.84- 08.84- 02.93	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.953]	08.84- 10.86 11.86- 02.91 12.86- 10.88- 03.91- 02.93	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		08.84- 08.84- 02.93	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.962]	07.84- 10.86 07.84- 12.98 11.86- 02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28 27 28 35 28 30 28 55 28 80		07.84- 07.84- 12.98	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.966]	06.87- 02.93 06.87- 02.91 06.87- 02.93 10.88- 02.93	110895 110906 113920 112159	28 55 28 30 28 35 28 80		06.87- 02.93 06.87- 02.97	110524 113979	24 4.0 24 4.0
1318 4.2	(Atego 2)[OM900.913]	10.04-	115497	28 80 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49
1318 4.3	(Atego)[OM900.913]	02.06- 10.04	115497	28 80 A49		01.98- 10.04 02.06- 10.04 01.98- 10.04	114523 115514 115801	24 4.0 24 4.0 A49 24 4.0
	(Atego 2)	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 12.11- 10.04- 10.04-	111982 114086 114523 115514	24 4.0 24 5.5 24 4.0 24 4.0 A49
	(Atego)[OM904.911]	10.04- 01.98- 10.04	115557 115497	28 100 A49 28 80		12.11- 01.98- 10.04 01.98- 10.04 01.98- 10.04	115896 114523 115514 115801	24 5.5 A49 24 4.0 24 4.0 A49 24 4.0
	(Atego 2)[OM904.949]	10.04- 10.04-	115497 115557	28 80 A49 28 100 A49		10.04-	115514	24 4.0 A49
1319 4.8	(Atron)					01.12-	111982	24 4.0
1320 6.0	(LK/LN2)[OM356.983]	12.92- 12.92- 12.92- 12.98	110895 112159 113920	28 55 28 80 28 35		12.92- 12.92- 12.98	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM356.992]	10.84- 10.86 11.86- 02.91 12.86- 10.88- 12.92- 12.99	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		10.84- 12.92- 12.99	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM356.995]	12.92- 12.98	113920	28 35		12.92- 12.98	110524	24 4.0
	(LK/LN2)[OM357.921]	10.84- 10.86 11.86- 02.91 12.86- 10.88- 03.94- 12.99	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		03.94- 12.99	113979	24 4.0
	(LK/LN2)[OM357.932]	10.84- 10.86 11.86- 02.91 12.86- 10.88- 03.94- 12.99	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		10.84- 03.94- 12.99	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.962]	10.84- 02.93	113920	28 35		10.84- 02.93 10.84- 02.93	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.966]	03.85- 02.93	113920	28 35		10.84- 02.93 03.85- 02.93	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.980]	10.84- 10.86 10.84- 02.93 11.86- 02.91 12.86- 10.88-	110113 113920 110906 110895 112159	28 27 28 35 28 30 28 55 28 80		10.84- 02.93 10.84- 11.10	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.988]	10.84- 10.86 11.86- 02.91 12.86- 10.88- 03.91- 02.93	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		10.84- 02.93 10.84- 02.93	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.992]	10.84- 10.86 11.86- 02.91 12.86- 10.88- 03.91- 02.93	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		10.84- 10.84- 03.93	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.997]	10.84- 10.86 11.86- 02.91 12.86- 10.88- 03.91- 02.93	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		10.84- 08.93 10.84- 02.93	110524 113979	24 4.0 24 4.0
1322 4.8	(Atego 2)[OM924.920]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	115514 114523 111982	24 4.0 A49 24 4.0 24 4.0
	(Atego 2)[OM924.922]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04- 10.04- 06.06-	114086 115514 114523 115896 111982	24 5.5 24 4.0 A49 24 4.0 24 5.5 A49 24 4.0
	(Atego 2)[OM924.930]	10.04- 10.04-	115497 115557	28 80 A49 28 100 A49		10.04-	115514	24 4.0 A49
1323 6.4	(Atego 2)[OM902.916]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego)[OM906.910]	01.98- 09.04 01.98- 09.04 01.98- 09.04 01.98- 09.04 01.98- 09.04	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		01.98- 09.04 01.98- 10.04 01.98- 10.04 01.98- 10.04	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0

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O.E.M. names and numbers are used for reference purposes only.





**MERCEDES-BENZ** Continued

	(Atego 2)	10.04-113351	28 100	10.04-111982	24 4.0
		10.04-115497	28 80 A49	10.04-114523	24 4.0
		10.04-115557	28 100 A49	10.04-115514	24 4.0 A49
	(Atego)[OM906.915]	01.98-09.04-112561	28 80	01.98-09.04-111982	24 4.0
		01.98-09.04-113351	28 100	01.98-10.04-115514	24 4.0 A49
		01.98-09.04-113448	28 100	01.98-10.04-114523	24 4.0
		01.98-09.04-115497	28 80 A49	01.98-10.04-115801	24 4.0
		01.98-09.04-115557	28 100 A49		
	(Atego 2)	10.04-113351	28 100	10.04-111982	24 4.0
		10.04-115497	28 80 A49	10.04-114523	24 4.0
		10.04-115557	28 100 A49	10.04-115514	24 4.0 A49
1324 6.0	(LK/LN2)[OM356.983]	01.91-110895	28 55	01.91-08.93-110524	24 4.0
		01.91-02.91-110906	28 30	01.91-02.01-113979	24 4.0
		01.91-112159	28 80		
		03.91-02.01-113920	28 35		
	(LK/LN2)[OM357.940]	01.91-110895	28 55	01.91-110524	24 4.0
		01.91-02.91-110906	28 30	03.94-12.98-113979	24 4.0
		01.91-112159	28 80		
		03.94-12.98-113920	28 35		
	(LK/LN2)[OM357.948]	01.91-110895	28 55	01.91-110524	24 4.0
		01.91-02.91-110906	28 30	03.94-12.98-113979	24 4.0
		01.91-112159	28 80		
		03.94-12.98-113920	28 35		
	(LK/LN2)[OM366.997]	01.91-110895	28 55	01.91-02.01-110524	24 4.0
		01.91-02.01-113920	28 35	01.91-02.01-113979	24 4.0
	(LK/LN2)[OM366.999]	01.91-110895	28 55	01.91-110524	24 4.0
		01.91-02.91-110906	28 30	01.91-02.01-113979	24 4.0
		01.91-112159	28 80		
		01.91-02.01-113920	28 35		
1324 6.4	(Atego 2)[OM902.916]	10.04-113351	28 100	10.04-111982	24 4.0
		10.04-115497	28 80 A49	10.04-114523	24 4.0
		10.04-115557	28 100 A49	10.04-115514	24 4.0 A49
	(Atego 2)[OM906.910]	10.04-113351	28 100	10.04-111982	24 4.0
		10.04-115497	28 80 A49	10.04-114523	24 4.0
		10.04-115557	28 100 A49	10.04-115514	24 4.0 A49
	(Atego 2)[OM906.915]	10.04-113351	28 100	10.04-111982	24 4.0
		10.04-115497	28 80 A49	10.04-114523	24 4.0
		10.04-115557	28 100 A49	10.04-115514	24 4.0 A49
1324 7.2	(Atego 2)[OM925.920]	10.04-113351	28 100	10.04-114086	24 5.5
		10.04-115497	28 80 A49	10.04-115896	24 5.5 A49
		10.04-115557	28 100 A49		
1325 6.4	(Atego)[OM906.919]	01.98-01.01-112561	28 80	01.98-01.01-111982	24 4.0
		01.98-01.01-113448	28 100	01.98-10.04-114523	24 4.0
				01.98-10.04-115514	24 4.0 A49
				01.98-10.04-115801	24 4.0
	(Atego)[OM906.939]	01.98-01.01-112561	28 80	01.98-01.01-111982	24 4.0
		01.98-01.01-113448	28 100	01.98-10.04-114523	24 4.0
				01.98-10.04-115514	24 4.0 A49
				01.98-10.04-115801	24 4.0
1326 6.4	(Atego 2)[OM902.917]	10.04-113351	28 100	10.04-111982	24 4.0
		10.04-115497	28 80 A49	10.04-114086	24 5.5
				10.04-115514	24 4.0 A49
				10.04-115896	24 5.5 A49
		10.04-115557	28 100 A49	10.04-114523	24 4.0
1326 7.2	(Atego 2)[OM925.920]	10.04-113351	28 100	10.04-114086	24 5.5
		10.04-115497	28 80 A49	10.04-115896	24 5.5 A49
		10.04-115557	28 100 A49		
1328 6.4	(Atego 2)[OM902.918]	10.04-112561	28 80	10.04-114523	24 4.0
		10.04-113351	28 100	10.04-115514	24 4.0 A49
		10.04-113448	28 100		
		10.04-115497	28 80 A49		
		10.04-115557	28 100 A49		
	(Atego)[OM906.911]	01.98-01.01-112561	28 80	01.98-01.01-111982	24 4.0
		01.98-01.01-113448	28 100	01.98-10.04-114523	24 4.0
				01.98-10.04-115514	24 4.0 A49
				01.98-10.04-115801	24 4.0
	(Atego 2)	10.04-112561	28 80	10.04-114523	24 4.0
		10.04-113351	28 100	10.04-115514	24 4.0 A49
		10.04-113448	28 100		
		10.04-115497	28 80 A49		
		10.04-115557	28 100 A49		
	(Atego)[OM906.916]	01.98-01.01-112561	28 80	01.98-01.01-111982	24 4.0
		01.98-01.01-113448	28 100	01.98-10.04-114523	24 4.0
				01.98-10.04-115514	24 4.0 A49
				01.98-10.04-115801	24 4.0
	(Atego 2)	10.04-112561	28 80	10.04-114523	24 4.0
		10.04-113351	28 100	10.04-115514	24 4.0 A49
		10.04-113448	28 100		
		10.04-115497	28 80 A49		
		10.04-115557	28 100 A49		
1329 6.4	(Atego 2)[OM902.918]	10.04-112561	28 80	10.04-115514	24 4.0 A49
		10.04-113351	28 100	02.06-111982	24 4.0
		10.04-113448	28 100	10.04-115896	24 5.5 A49
		10.04-115497	28 80 A49	10.04-114086	24 5.5
		10.04-115557	28 100 A49	10.04-114523	24 4.0
	(Atego 2)[OM906.911]	10.04-112561	28 80	10.04-114523	24 4.0
		10.04-113351	28 100	10.04-115514	24 4.0 A49
		10.04-113448	28 100		
		10.04-115497	28 80 A49		
		10.04-115557	28 100 A49		
	(Atego 2)[OM906.916]	10.04-112561	28 80	10.04-114523	24 4.0
		10.04-113351	28 100	10.04-115514	24 4.0 A49
		10.04-113448	28 100		
		10.04-115497	28 80 A49		
		10.04-115557	28 100 A49		

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1329 7.2	(Atego 2)[OM925.920]	10.04-	113351	28 100	10.04-	114086	24 5.5
		10.04-	115497	28 80 A49	10.04-	115896	24 5.5 A49
		10.04-	115557	28 100 A49			
1413 5.7	(NG)[OM353.944]	09.75- 12.84	111141	14 55	09.75- 12.84	110525	12 3.0
		09.75- 12.84	111141	14 55	09.75- 12.84	110525	12 3.0
		09.75- 12.84	111141	14 55	09.75- 12.84	110525	12 3.0
1414 6.0	(NG)[OM366.906]	04.84- 03.91	110113	28 27	04.84- 03.91	110524	24 4.0
		11.86- 03.91	110906	28 30			
		12.86- 03.91	110895	28 55			
		10.88- 03.91	112159	28 80			
		02.91- 03.91	113920	28 35			
		04.84- 10.86	110113	28 27	04.84- 03.91	110524	24 4.0
	(NG)[OM366.909]	11.86- 03.91	110906	28 30			
		12.86- 03.91	110895	28 55			
		10.88- 03.91	112159	28 80			
		02.91- 03.91	113920	28 35			
		04.84- 10.86	110113	28 27			
		11.86- 03.91	110906	28 30			
1417 5.8	(NG)[OM353.951]	05.75- 12.84	111141	14 55	05.75- 12.84	110525	12 3.0
		05.75- 12.84	111141	14 55	05.75- 12.84	110525	12 3.0
		05.75- 12.84	111141	14 55	05.75- 12.84	110525	12 3.0
1417 6.0	(MK)[OM356.940]	07.89-	110895	28 55	07.89- 09.96	110524	24 4.0
		07.89- 09.96	113920	28 35			
		06.91-	112159	28 80			
	(MK)[OM356.943]	07.89-	110895	28 55	07.89-	110524	24 4.0
		09.89- 02.91	110906	28 30	07.92- 09.06	113979	24 4.0
		09.89-	112159	28 80			
	(MK)[OM357.915]	07.92- 09.96	113920	28 35			
		07.89-	110895	28 55	07.89-	110524	24 4.0
		09.89- 02.91	110906	28 30			
	(NG)[OM366.951]	06.91-	112159	28 80			
		01.94- 09.96	113920	28 35	01.94- 09.96	113979	24 4.0
		04.84- 10.86	110113	28 27	04.84- 03.91	110524	24 4.0
	(MK)[OM366.952]	11.86- 03.91	110906	28 30			
		12.86- 03.91	110895	28 55			
		10.88- 03.91	112159	28 80			
		07.89-	110895	28 55	07.89-	110524	24 4.0
		07.89- 02.91	110906	28 30	07.89- 07.92	113979	24 4.0
		07.89-	112159	28 80			
(NG)	03.91- 07.92	113920	28 35				
	04.84- 10.86	110113	28 27	04.84- 03.91	110524	24 4.0	
	11.86- 03.91	110906	28 30				
	12.86- 03.91	110895	28 55				
1419 5.7	(NG)[OM362.906]	05.83- 06.85	110113	28 27	05.83- 06.85	110524	24 4.0
		05.83- 06.85	110113	28 27	05.83- 06.85	110524	24 4.0
1419 9.6	(NG)[OM401.905]	03.78- 12.84	111141	14 55	03.77- 12.84	110206	24 5.4
					05.75- 02.77	110210	24 6.6
					08.73- 09.96	112120	24 6.6
	(NG)[OM401.914]	08.73- 09.96	113855	24 5.4	08.73- 09.96	113855	24 5.4
		04.81- 12.82	111141	14 55	03.77- 12.82	110206	24 5.4
					05.75- 02.77	110210	24 6.6
1420 10.9	(NG)[OM421.905]	05.82- 10.86	110113	28 27	05.82- 10.90	110206	24 5.4
		11.86- 10.90	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 10.90	110906	28 30			
1420 11.0	(MK)[OM441.905]	09.89- 09.96	113920	28 35			
		(MK)[OM441.923]	09.89- 09.96	113920	28 35		
1420 6.0	(MK)[OM356.984]	02.90- 06.93	110895	28 55	02.90-	110524	24 4.0
		02.90- 02.91	110906	28 30			
		02.90- 06.93	112159	28 80			
	(MK)[OM356.987]	03.91- 06.93	113920	28 35			
		09.89- 09.96	113920	28 35	09.89- 09.96	110524	24 4.0
		08.94-	110895	28 55			
	(NG)[OM366.983]	07.85- 10.86	110113	28 27	07.85- 03.91	110524	24 4.0
		07.85- 03.91	113920	28 35			
		11.86- 03.91	110895	28 55			
11.86- 03.91		110906	28 30				
10.88- 03.91		112159	28 80				
1422 10.9	(NG)[OM401.905]	05.82- 05.85	110113	28 27	05.82- 10.90	110206	24 5.4
		06.86- 10.90	113920	28 35			
		10.88- 10.90	112159	28 80			
(NG)[OM421.906]	05.82- 10.90	110895	28 55	05.82- 10.90	110206	24 5.4	
	10.88- 10.90	112159	28 80	05.82- 10.90	113855	24 5.4	
	06.89- 08.94	110895	28 55	06.89- 08.94	110206	24 5.4	
1422 11.3	(MK)[OM441.905]	06.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		06.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM441.913]	07.89- 09.93	110895	28 55	07.89- 09.93	110206	24 5.4
		07.89- 09.93	112159	28 80	07.89- 09.93	113855	24 5.4
		06.89- 08.94	110895	28 55	06.89- 08.94	110206	24 5.4
	(MK)[OM441.923]	06.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		06.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM441.925]	07.89- 09.93	110895	28 55	07.89- 09.93	110206	24 5.4
		07.89- 09.93	112159	28 80	07.89- 09.93	113855	24 5.4
	1422 6.0	(MK)[OM356.999]	03.93- 08.94	110895	28 55	03.93- 08.94	110524
1422 9.6	(MK)[OM401.973]	02.93- 08.94	113920	28 35	02.93- 08.94	110206	24 5.4
					02.93- 08.94	113855	24 5.4
	(MK)[OM401.975]	02.93- 08.94	113920	28 35	02.93- 08.94	110206	24 5.4
					02.93- 08.94	113855	24 5.4
	(MK)[OM401.977]	02.93- 08.94	113920	28 35	02.93- 08.94	110206	24 5.4
					02.93- 08.94	113855	24 5.4
	(MK)[OM401.978]	02.93- 08.94	113920	28 35	02.93- 08.94	110206	24 5.4
					02.93- 08.94	113855	24 5.4
(MK)[OM401.979]	02.93- 08.94	113920	28 35	02.93- 08.94	110206	24 5.4	

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1424 11.0	(MK)[OM445.924]	01.95-	110895	28 55	01.95-	110206	24 5.4	
		01.95-	112159	28 80	12.87- 09.96	113855	24 5.4	
	(MK)[OM445.926]	01.95-	110895	28 55	01.95-	110206	24 5.4	
		01.95-	112159	28 80	12.87- 09.96	113855	24 5.4	
1424 12.8	(MK)[OM445.938]	01.95-	110895	28 55	01.95-	110206	24 5.4	
		01.95-	112159	28 80	12.87- 09.96	113855	24 5.4	
	(NG)[OM402.910]	11.79- 01.87	111141	14 55	03.77- 01.87	110206	24 5.4	
					05.75- 02.77	110210	24 6.6	
				08.73- 09.96	112120	24 6.6		
1424 6.0	(MK)[OM357.946]	07.89- 09.96	110895	28 55	07.89- 09.96	110524	24 4.0	
					02.92- 09.96	113979	24 4.0	
	(MK)[OM401.973]	02.93-	110895	28 55	02.93-	110206	24 5.4	
		02.93-	112159	28 80	12.87- 09.96	113855	24 5.4	
1424 9.6	(MK)[OM401.975]	02.93-	110895	28 55	02.93-	110206	24 5.4	
		02.93-	112159	28 80	12.87- 09.96	113855	24 5.4	
	(MK)[OM401.994]	02.93-	110895	28 55	02.93-	110206	24 5.4	
		02.93-	112159	28 80	12.87- 09.96	113855	24 5.4	
1425 14.6	(NG)[OM422.909]	11.82- 10.86	110113	28 27	11.82- 09.96	110206	24 5.4	
		11.86- 09.96	110895	28 55	11.82- 09.96	110210	24 6.6	
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6	
		10.88- 03.91	112159	28 80	08.87- 09.96	113855	24 5.4	
1426 15.1	(MK)[OM442.914]	06.89- 09.93	110895	28 55	06.89- 09.93	110206	24 5.4	
		06.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
	(MK)[OM442.932]	06.89- 09.93	110895	28 55	06.89- 09.93	110206	24 5.4	
		06.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
1427 3.0	(MK)[OM401.985]	02.93-	110895	28 55	02.93-	110206	24 5.4	
		02.93-	112159	28 80	02.93- 09.96	113855	24 5.4	
1427 9.6	(MK)[OM401.973]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
	(MK)[OM401.991]	02.93-	110895	28 55	02.93-	110206	24 5.4	
	(MK)[OM445.936]	02.93-	110895	28 55	02.93-	110206	24 5.4	
1428 14.6	(NG)[OM422.907]	05.82- 12.91	113920	28 35				
		05.82- 09.96	113920	28 35	08.73- 09.96	110206	24 5.4	
	(NG)[OM422.913]	11.86-	110895	28 55				
		11.86- 02.91	110906	28 30				
1429 15.1	(NG)[OM442.907]	08.73- 09.96	113920	28 35				
1431 15.1	(MK)[OM442.907]	12.87- 08.96	113920	28 35	12.87- 08.96	110206	24 5.4	
1431 9.6	(MK)[OM401.979]	12.87- 08.96	113920	28 35	12.87- 08.96	110206	24 5.4	
1514 6.0	(LK/LN2)[OM356.908]	01.89- 12.92	110895	28 55	01.89- 12.92	110524	24 4.0	
		01.89-	110906	28 30				
	(LK/LN2)[OM366.936]	01.89- 12.92	110895	28 55	01.89- 12.92	110524	24 4.0	
		01.89-	110906	28 30				
1517 4.2	(LK/LN2)[OM904.907]	03.96-	112159	28 80	03.96-	111982	24 4.0	
					03.96- 12.98	114523	24 4.0	
	(Atego)[OM904.911]	01.98- 10.04	112561	28 80	01.98- 10.04	111982	24 4.0	
		01.98- 10.04	113351	28 100	01.98- 10.04	114523	24 4.0	
1517 4.3	(Atego)[OM904.917]	01.98- 10.04	113448	28 100	01.98- 10.04	115514	24 4.0	A49
		01.98- 10.04	115497	28 80 A49	01.98- 10.04	115801	24 4.0	
	(Atego)[OM904.917]	01.98- 10.04	115557	28 100 A49	01.98- 10.04	111982	24 4.0	
		01.98- 10.04	112561	28 80	01.98- 10.04	114523	24 4.0	
1517 6.0	(LK/LN2)[OM356.946]	10.88-	110895	28 55	10.88- 12.92	110524	24 4.0	
		10.88-	112159	28 80	10.88- 12.98	113979	24 4.0	
	(LK/LN2)[OM356.953]	10.88- 12.98	113920	28 35				
		10.88-	110895	28 55	10.88- 12.92	110524	24 4.0	
1517 4.3	(Atego)[OM904.911]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0	
		01.98- 01.01	113448	28 100	01.98- 10.04	114523	24 4.0	
	(Atego)[OM904.917]	01.98- 10.04	113448	28 100	01.98- 10.04	115514	24 4.0	A49
		01.98- 10.04	115497	28 80 A49	01.98- 10.04	115801	24 4.0	
1517 6.0	(LK/LN2)[OM357.903]	10.88-	110895	28 55	10.88- 12.92	110524	24 4.0	
		10.88-	112159	28 80	10.88- 12.98	113979	24 4.0	
	(LK/LN2)[OM357.903]	12.92- 12.99	113920	28 35				
		10.88-	110895	28 55	10.88- 12.92	110524	24 4.0	
(LK/LN2)[OM357.903]	10.88-	112159	28 80	03.94- 12.98	113979	24 4.0		
	03.94- 12.98	113920	28 35					

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V A !



V kW !

	(LK/LN2)[OM357.962]	10.88- 10.88- 03.94- 12.99	110895 112159 113920	28 55 28 80 28 35		10.88- 12.92 03.94- 12.99	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM357.963]	10.88- 10.88- 03.94- 12.99	110895 112159 113920	28 55 28 80 28 35		10.88- 12.92 03.94- 12.99	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.945]	10.88- 10.88- 01.89- 12.92	110895 112159 113920	28 55 28 80 28 35		10.88- 12.92 01.89- 12.92	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.979]	10.88- 10.88- 01.89- 12.92	110895 112159 113920	28 55 28 80 28 35		10.88- 12.92 01.89- 12.92	110524 113979	24 4.0 24 4.0
1518 4.2	(Atego 2)[OM900.913]	10.04- 10.04-  10.04-	113351 115497  115557	28 100 28 80 A49  28 100 A49		02.06- 10.04- 10.04- 10.04-	111982 114086 115514 115896 114523	24 4.0 24 5.5 24 4.0 A49 24 5.5 A49 24 4.0
1518 4.3	(Atego 2)[OM900.913]	10.04- 10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego 2)[OM904.962]	10.04- 10.04-	115497 115557	28 80 A49 28 100 A49		10.04- 10.04-	115514	24 4.0 A49
	(Atego 2)[OM904.967]	10.04- 10.04-	115497 115557	28 80 A49 28 100 A49		10.04-	115514	24 4.0 A49
	(Atego 2)[OM904.968]	10.04- 10.04-	115497 115557	28 80 A49 28 100 A49		10.04-	115514	24 4.0 A49
	(Atego 2)[OM904.972]	10.04- 10.04-	115497 115557	28 80 A49 28 100 A49		10.04-	115514	24 4.0 A49
	(Atego 2)[OM904.976]	10.04- 10.04-	115497 115557	28 80 A49 28 100 A49		10.04-	115514	24 4.0 A49
1520 6.0	(LK/LN2)[OM356.990]	01.89- 01.89- 12.92- 12.99	110895 112159 113920	28 55 28 80 28 35		01.89- 12.92- 12.99	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM357.922]	01.89- 01.89- 03.94- 12.99	110895 112159 113920	28 55 28 80 28 35		01.89- 03.94- 12.99	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM357.930]	01.89- 01.89- 03.94- 12.99	110895 112159 113920	28 55 28 80 28 35		01.89- 03.94- 12.99	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.995]	01.89- 01.89- 01.89- 12.92	110895 112159 113920	28 55 28 80 28 35		01.89- 01.89- 12.92	110524 113979	24 4.0 24 4.0
1522 4.8	(Atego 2)[OM924.920]	10.04- 10.04- 10.04- 10.04-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	114523 111982 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego 2)[OM924.922]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04- 10.04-	114086 115514 114523 115896 111982	24 5.5 24 4.0 A49 24 4.0 24 5.5 A49 24 4.0
	(Atego 2)[OM924.930]	10.04- 10.04-	115497 115557	28 80 A49 28 100 A49		10.04-	115514	24 4.0 A49
1523 6.4	(Atego 2)[OM902.916]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego)[OM906.910]	01.98- 01.01 01.98- 01.98- 01.01 01.98- 10.04 01.98- 10.04	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		01.98- 01.01 01.98- 10.04 01.98- 10.04	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Atego 2)	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego)[OM906.915]	01.98- 10.04 01.98- 10.04	112561 113448	28 80 5 STAR 28 100		01.98- 10.04 01.98- 10.04 01.98- 10.04	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Atego 2)	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
1524 6.0	(LK/LN2)[OM356.999]	02.91- 02.91- 02.91- 02.01	110895 112159 113920	28 55 28 80 28 35		02.91- 02.91- 02.01	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM357.941]	02.91- 02.91- 02.91- 12.98	110895 112159 113920	28 55 28 80 28 35		02.91- 02.91- 12.98	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM357.947]	02.91- 02.91- 02.91- 12.98	110895 112159 113920	28 55 28 80 28 35		02.91- 02.91- 12.98	110524 113979	24 4.0 24 4.0
	(LK/LN2)[OM366.999]	02.91- 02.91- 02.91- 02.01	110895 112159 113920	28 55 28 80 28 35		02.91- 02.91- 02.01	110524 113979	24 4.0 24 4.0
1524 6.4	(Atego 2)[OM902.916]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	115514 114523 111982	24 4.0 A49 24 4.0 24 4.0
	(Atego 2)[OM906.910]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego 2)[OM906.915]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
1524 7.2	(Atego 2)[OM925.920]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04-	115896	24 5.5 A49

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O.E.M. names and numbers are used for reference purposes only.





**MERCEDES-BENZ** *Continued*

1525 6.4	(Atego)[OM906.919]	01.98- 09.04	111141	14 55	01.98- 01.01	111982	24 4.0	A49
		01.98- 01.01	112561	28 80	01.98- 10.04	114523	24 4.0	
	(Atego)[OM906.939]	01.98- 10.04	112561	28 80	01.98- 10.04	111982	24 4.0	A49
		01.98- 10.04	113448	28 100	01.98- 10.04	114523	24 4.0	
1526 6.4	(Atego 2)[OM902.917]	10.04-	113351	28 100	10.04-	111982	24 4.0	A49
		10.04-	115497	28 80 A49	10.04-	114086	24 5.5	
1526 7.2	(Atego 2)[OM925.920]	10.04-	115557	28 100 A49	10.04-	115514	24 4.0	A49
		10.04-	115557	28 100 A49	10.04-	115896	24 5.5 A49	
1528 6.4	(Atego 2)[OM902.918]	10.04-	113351	28 100	10.04-	114086	24 5.5	A49
		10.04-	115497	28 80 A49	10.04-	115896	24 5.5 A49	
	(Atego)[OM906.911]	01.98- 09.04	112561	28 80	01.98- 09.04	111982	24 4.0	A49
		01.98- 09.04	113351	28 100	01.98- 10.04	114523	24 4.0	
	(Atego 2)	10.04-	115497	28 80 A49	10.04-	115514	24 4.0	A49
		10.04-	115497	28 80 A49	10.04-	115896	24 5.5 A49	
	(Atego)[OM906.916]	01.98- 10.04	112561	28 80	01.98- 10.04	111982	24 4.0	A49
		01.98- 09.04	113351	28 100	01.98- 10.04	115514	24 4.0	
	(Atego 2)	10.04-	115497	28 80 A49	10.04-	114523	24 4.0	A49
		10.04-	115497	28 80 A49	10.04-	115896	24 5.5 A49	
1529 6.4	(Atego 2)[OM902.918]	10.04-	113351	28 100	02.06-	111982	24 4.0	A49
		10.04-	115497	28 80 A49	10.04-	114086	24 5.5	
	(Atego 2)[OM906.911]	10.04-	115557	28 100 A49	10.04-	115514	24 4.0	A49
		10.04-	115557	28 100 A49	10.04-	115896	24 5.5 A49	
	(Atego 2)[OM906.916]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0	A49
		10.04-	115497	28 80 A49	10.04-	115514	24 4.0	
1529 7.2	(Atego 2)[OM925.920]	10.04-	113351	28 100	10.04-	111982	24 4.0	A49
		10.04-	115497	28 80 A49	10.04-	114086	24 5.5	
	(NG)[OM353.944]	01.75- 12.84	111141	14 55	01.75- 12.84	110525	12 3.0	A49
		01.75- 12.84	111141	14 55	01.75- 12.84	110525	12 3.0	
1613 5.7	(NG)[OM353.946]	01.75- 12.84	111141	14 55	01.75- 12.84	110525	12 3.0	A49
		01.75- 12.84	111141	14 55	01.75- 12.84	110525	12 3.0	
1614 6.0	(NG)[OM366.906]	04.84- 10.86	110113	28 27	04.84- 03.91	110524	24 4.0	A49
		04.84- 03.91	110895	28 55	04.84- 03.91	110524	24 4.0	
	(NG)[OM366.909]	11.86- 03.91	110906	28 30	04.84- 03.91	110524	24 4.0	A49
		10.88- 03.91	112159	28 80	04.84- 03.91	110524	24 4.0	
1617 5.7	(NG)[OM353.951]	04.84- 03.91	112159	28 80	04.84- 03.91	110524	24 4.0	A49
		04.84- 03.91	113920	28 35	04.84- 03.91	110524	24 4.0	
	(NG)[OM353.953]	01.75- 07.85	111141	14 55	01.75- 07.85	110525	12 3.0	A49
		01.75- 07.85	111141	14 55	01.75- 07.85	110525	12 3.0	
	(NG)[OM353.971]	01.75- 07.85	111141	14 55	01.75- 07.85	110525	12 3.0	A49
		01.75- 07.85	111141	14 55	01.75- 07.85	110525	12 3.0	
1617 6.0	(NG)[OM366.951]	04.84- 10.86	110113	28 27	04.84- 03.91	110524	24 4.0	A49
		04.84- 03.91	113920	28 35	04.84- 03.91	110524	24 4.0	
	(NG)[OM366.952]	11.86- 03.91	110895	28 55	04.84- 03.91	110524	24 4.0	A49
		11.86- 03.91	110906	28 30	04.84- 03.91	110524	24 4.0	
1619 5.7	(NG)[OM362.906]	10.88- 03.91	112159	28 80	04.84- 03.91	110524	24 4.0	A49
		04.84- 10.86	110113	28 27	04.84- 03.91	110524	24 4.0	
	(NG)[OM362.909]	11.86- 03.91	110895	28 55	04.84- 03.91	110524	24 4.0	A49
		11.86- 03.91	110906	28 30	04.84- 03.91	110524	24 4.0	
1619 9.6	(NG)[OM401.905]	06.83- 06.85	110113	28 27	06.83- 06.85	110524	24 4.0	A49
		06.83- 06.85	110113	28 27	06.83- 06.85	110524	24 4.0	
	(NG)[OM401.914]	11.74- 10.86	110113	28 27	03.77- 05.87	110206	24 5.4	A49
		04.81- 05.87	111141	14 55	08.73- 09.96	112120	24 6.6	
	(NG)[OM401.914]	11.86- 05.87	110906	28 30	11.74- 02.77	110210	24 6.6	A49
		11.86- 05.87	110906	28 30	08.73- 09.96	113855	24 5.4	
1620 6.0	(NG)[OM366.983]	11.74- 10.86	110113	28 27	03.77- 05.87	110206	24 5.4	A49
		04.81- 05.87	111141	14 55	08.73- 09.96	112120	24 6.6	
	(NG)[OM401.914]	11.86- 05.87	110906	28 30	11.74- 02.77	110210	24 6.6	A49
		11.86- 05.87	110906	28 30	08.73- 09.96	113855	24 5.4	
1622 10.9	(NG)[OM421.905]	07.85- 10.86	110113	28 27	07.85- 03.91	110524	24 4.0	A49
		11.86- 03.91	110895	28 55	07.85- 03.91	110524	24 4.0	
	(NG)[OM441.906]	11.86- 03.91	110906	28 30	07.85- 03.91	110524	24 4.0	A49
		11.86- 03.91	110906	28 30	07.85- 03.91	110524	24 4.0	
	(NG)[OM441.907]	05.82- 10.86	110113	28 27	05.82- 03.91	110206	24 5.4	A49
		11.86- 03.91	110895	28 55	05.82- 03.91	110210	24 6.6	
	(NG)[OM441.907]	11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4	A49
		11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4	
1624 11.0	(MK)[OM445.924]	05.82- 03.91	110113	28 27	05.82- 03.91	110206	24 5.4	A49
		11.86- 03.91	110906	28 30	05.82- 03.91	110210	24 6.6	
1624 12.8	(NG)[OM402.910]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	A49
		07.75- 10.79	110113	28 27	03.77- 08.82	110206	24 5.4	
	(NG)[OM402.911]	11.79- 08.82	111141	14 55	07.75- 02.77	110210	24 6.6	A49
		11.79- 08.82	111141	14 55	07.75- 08.82	112120	24 6.6	
	(NG)[OM402.911]	11.79- 12.82	111141	14 55	07.75- 08.82	113855	24 5.4	A49
		11.79- 12.82	111141	14 55	03.77- 12.82	110206	24 5.4	
	(NG)[OM402.911]	11.79- 12.82	111141	14 55	05.75- 02.77	110210	24 6.6	A49
		11.79- 12.82	111141	14 55	08.73- 09.96	112120	24 6.6	
	(NG)[OM402.911]	11.79- 12.82	111141	14 55	08.73- 09.96	113855	24 5.4	A49
		11.79- 12.82	111141	14 55	08.73- 09.96	113855	24 5.4	

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	(NG)[OM402.923]	05.75- 12.82	111141	14	55	03.77- 12.82	110206	24	5.4	
						05.75- 02.77	110210	24	6.6	
						08.73- 09.96	112120	24	6.6	
						08.73- 09.96	113855	24	5.4	
1624	9.6	(MK)[OM401.975]	12.87- 09.96	113920	28	35	12.87- 09.96	110206	24	5.4
1625	14.6	(NG)[OM422.909]	05.80- 10.86	110113	28	27	05.80- 11.89	110206	24	5.4
			11.86- 11.89	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 11.89	110906	28	30	05.80- 11.89	113855	24	5.4
			10.88- 10.89	112159	28	80	05.80- 11.89	110210	24	6.6
1626	12.8	(NG)[OM402.906]	08.73- 12.80	110113	28	27	03.77- 12.80	110206	24	5.4
							08.73- 02.77	110210	24	6.6
							08.73- 09.96	112120	24	6.6
							08.73- 09.96	113855	24	5.4
		(NG)[OM402.912]	05.74- 12.80	110113	28	27	03.77- 12.80	110206	24	5.4
							05.74- 02.77	110210	24	6.6
							08.73- 09.96	112120	24	6.6
							08.73- 09.96	113855	24	5.4
		(NG)[OM402.916]	05.74- 12.80	110113	28	27	03.77- 12.80	110206	24	5.4
							05.74- 02.77	110210	24	6.6
							08.73- 09.96	112120	24	6.6
							08.73- 09.96	113855	24	5.4
1627	15.1	(MK)[OM442.914]	01.92- 09.96	113920	28	35	01.92- 09.96	110206	24	5.4
		(MK)[OM442.920]					01.92- 09.96	110206	24	5.4
		(MK)[OM442.932]	01.92- 09.96	113920	28	35	01.92- 08.94	110206	24	5.4
		(MK)[OM442.933]					02.90- 09.93	110206	24	5.4
1628	14.6	(NG)[OM422.905]	01.80- 10.86	110113	28	27	01.80- 05.89	110206	24	5.4
			06.85- 05.89	113920	28	35				
			11.86- 05.89	110895	28	55	01.80- 05.89	110210	24	6.6
			11.86- 05.89	110906	28	30	08.73- 09.96	112120	24	6.6
			10.88- 05.89	112159	28	80	08.73- 09.96	113855	24	5.4
		(NG)[OM422.906]	01.80- 10.86	110113	28	27	01.80- 05.89	110206	24	5.4
			06.85- 05.89	113920	28	35				
			11.86- 05.89	110895	28	55	01.80- 05.89	110210	24	6.6
			11.86- 05.89	110906	28	30	08.73- 09.96	112120	24	6.6
			10.88- 05.89	112159	28	80	08.73- 09.96	113855	24	5.4
		(NG)[OM422.911]	01.80- 10.86	110113	28	27	01.80- 05.89	110206	24	5.4
			06.85- 05.89	113920	28	35				
			11.86- 05.89	110895	28	55	01.80- 05.89	110210	24	6.6
			11.86- 05.89	110906	28	30	08.73- 09.96	112120	24	6.6
			10.88- 05.89	112159	28	80	08.73- 09.96	113855	24	5.4
		(NG)[OM422.913]	01.80- 10.86	110113	28	27	01.80- 05.89	110206	24	5.4
			11.86- 05.89	110895	28	55	05.83- 05.89	110210	24	6.6
			11.86- 05.89	110906	28	30	08.73- 09.96	112120	24	6.6
							08.73- 09.96	113855	24	5.4
1632	15.9	(NG)[OM403.916]	03.78- 09.83	110113	28	27	08.73- 09.83	110210	24	6.6
							08.73- 09.96	112120	24	6.6
							08.73- 09.96	113855	24	5.4
		(NG)[OM403.931]	05.74- 09.83	110113	28	27	05.74- 09.83	110210	24	6.6
							08.73- 09.96	112120	24	6.6
							08.73- 09.96	113855	24	5.4
		(NG)[OM403.932]	05.74- 09.83	110113	28	27	05.74- 09.83	110210	24	6.6
							08.73- 09.96	112120	24	6.6
							08.73- 09.96	113855	24	5.4
1633	14.6	(NG)[OM422.952]	10.80- 10.86	110113	28	27	10.80- 05.87	110210	24	6.6
			11.86- 05.87	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 05.87	110906	28	30	08.73- 09.96	113855	24	5.4
		(NG)[OM422.954]	10.80- 10.86	110113	28	27	10.80- 05.87	110210	24	6.6
			11.86- 05.87	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 05.87	110906	28	30	08.73- 09.96	113855	24	5.4
		(NG)[OM422.956]	10.80- 10.86	110113	28	27	10.80- 05.87	110210	24	6.6
			11.86- 05.87	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 05.87	110906	28	30	08.73- 09.96	113855	24	5.4
		(NG)[OM422.957]	10.80- 10.86	110113	28	27	10.80- 05.87	110210	24	6.6
			11.86- 05.87	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 05.87	110906	28	30	08.73- 09.96	113855	24	5.4
		(NG)[OM422.958]	10.80- 10.86	110113	28	27	10.80- 05.87	110210	24	6.6
			11.86- 05.87	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 05.87	110906	28	30	08.73- 09.96	113855	24	5.4
1635	14.6	(NG)[OM442.950]	02.86- 10.86	110113	28	27	02.86- 07.89	110206	24	5.4
			11.86- 07.89	110895	28	55	08.73- 09.96	113855	24	5.4
			11.86- 07.89	110906	28	30				
			10.88- 07.89	112159	28	80				
		(NG)[OM442.952]	02.86- 10.86	110113	28	27	02.86- 07.89	110206	24	5.4
			11.86- 07.89	110895	28	55	08.73- 09.96	113855	24	5.4
			11.86- 07.89	110906	28	30				
			10.88- 07.89	112159	28	80				
1636	18.3	(NG)[OM423.905]	12.83- 10.86	110113	28	27	12.83- 03.91	110210	24	6.6
			11.86- 03.91	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 03.91	110906	28	30	08.73- 09.96	113855	24	5.4
		(NG)[OM423.908]	12.83- 10.86	110113	28	27	12.83- 03.91	110210	24	6.6
			11.86- 03.91	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 03.91	110906	28	30	08.73- 09.96	113855	24	5.4
1638	14.6	(NG)[OM422.953]	11.80- 10.86	110113	28	27	11.80- 12.86	110210	24	6.6
			11.86- 12.86	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 12.86	110906	28	30	08.73- 09.96	113855	24	5.4
		(NG)[OM422.955]	11.80- 10.86	110113	28	27	11.80- 12.86	110210	24	6.6
			11.86- 12.86	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 12.86	110906	28	30	08.73- 09.96	113855	24	5.4
		(NG)[OM422.959]	11.80- 10.86	110113	28	27	11.80- 12.86	110210	24	6.6
			11.86- 12.86	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 12.86	110906	28	30	08.73- 09.96	113855	24	5.4
1644	14.6	(NG)[OM442.951]	06.86- 10.88	110113	28	27	06.86- 08.89	110206	24	5.4
			11.86- 08.89	110895	28	55	08.73- 09.96	113855	24	5.4
			11.86- 08.89	110906	28	30	06.86- 08.89	110210	24	6.6
			10.88- 08.89	112159	28	80				

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MERCEDES-BENZ Continued

	(NG)[OM442.953]	06.86- 10.86	110113	28 27	06.86- 08.89	110206	24 5.4
		11.86- 08.89	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 08.89	110906	28 30	06.86- 08.89	110210	24 6.6
		10.88- 08.89	112159	28 80			
	(NG)[OM442.980]	06.86- 10.86	110113	28 27	06.86- 08.89	110206	24 5.4
		11.86- 08.89	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 08.89	110906	28 30	06.86- 08.89	110210	24 6.6
		10.88- 08.89	112159	28 80			
1717 6.0	(MK)[OM356.940]	09.89- 08.94	110895	28 55	09.89- 08.94	110524	24 4.0
		09.89- 02.91	110906	28 30			
		09.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM366.952]	09.89- 08.94	110895	28 55	09.89- 08.94	110524	24 4.0
		09.89- 02.91	110906	28 30			
		09.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
1719 4.8	(Atron)				04.13-	111982	24 4.0
1719 9.6	(NG)[OM401.909]	09.73- 08.82	110113	28 27	03.77- 08.82	110206	24 5.4
					09.73- 02.77	110210	24 6.6
					09.73- 08.82	112120	24 6.6
					09.73- 08.32	113855	24 5.4
	(NG)[OM401.916]	09.73- 08.82	110113	28 27	03.77- 08.82	110206	24 5.4
					09.73- 02.77	110210	24 6.6
					09.73- 08.82	112120	24 6.6
					09.73- 08.82	113855	24 5.4
1720 11.3	(MK)[OM441.916]	12.88- 08.94	113920	28 35			
	(MK)[OM441.920]	12.88- 08.94	113920	28 35			
	(MK)[OM441.932]	12.88- 08.94	113920	28 35			
1720 6.0	(MK)[OM356.984]	02.90- 08.94	110895	28 55	02.90- 08.94	110524	24 4.0
		02.90- 02.91	110906	28 30			
		02.90- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM356.985]	02.90-	110895	28 55	02.90-	110524	24 4.0
		02.90- 02.91	110906	28 30			
		02.90-	112159	28 80			
		03.91- 09.96	113920	28 35			
	(MK)[OM366.983]	02.90-	110895	28 55			
		02.90- 02.91	110906	28 30			
		02.90-	112159	28 80			
		03.91- 09.96	113920	28 35			
	(LK/LN2)[OM366.995]	01.84- 12.98	110895	28 55	01.84- 12.98	110524	24 4.0
		01.84- 12.98	111833	28 140 w/ bushing in rear brackethole	01.84- 12.98	113979	24 4.0
		01.84- 12.98	112159	28 80			
		01.84- 12.98	113920	28 35			
		01.84- 12.98	116063	28 140 w/o bushing in rear brackethole			
1722 11.0	(MK)[OM441.905]	08.88- 08.94	113920	28 35	08.88- 08.94	110206	24 5.4
	(MK)[OM441.923]	08.88- 08.94	113920	28 35	08.88- 08.94	110206	24 5.4
1722 11.3	(MK)[OM441.905]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM441.913]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM441.914]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM441.916]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 03.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM441.920]	08.88- 08.94	113920	28 35			
		12.88- 08.94	110895	28 55	08.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
	(MK)[OM441.923]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM441.926]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM441.932]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM441.933]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
1722 15.1	(MK)[OM442.907]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
1722 6.0	(MK)[OM356.999]	12.88- 08.94	110895	28 55	12.88- 08.94	110524	24 4.0
		12.88- 02.91	110906	28 30			
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM366.983]	12.88- 08.94	110895	28 55	12.88- 08.94	110524	24 4.0
		12.88- 02.91	110906	28 30			
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			

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1722 9.6	(MK)[OM401.973]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM401.978]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM401.979]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
1724 6.0	(LK/LN2)[OM366.999]	11.86- 12.98	110895	28 55	01.84- 12.98	110524	24 4.0
		11.86- 02.91	110906	28 30	02.92- 12.98	113979	24 4.0
		03.91- 12.98	113920	28 35			
1726 11.0	(MK)[OM441.960]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
1726 15.1	(MK)[OM440.909]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM442.906]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM442.907]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
(MK)[OM442.909]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4	
	12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
	12.88- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
(MK)[OM442.914]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4	
	12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
	12.88- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
(MK)[OM442.922]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4	
	12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
	12.88- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
(MK)[OM442.923]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4	
	12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
	12.88- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
(MK)[OM442.932]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4	
	12.88- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
	12.88- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
(MK)[OM442.935]	06.89- 08.94	110895	28 55	06.89- 08.94	110206	24 5.4	
	06.89- 02.91	110906	28 30	06.89- 08.94	113855	24 5.4	
	06.89- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
1726 9.6	(MK)[OM401.973]	12.87- 09.96	113920	28 35			
	(MK)[OM401.978]	12.87- 09.96	113920	28 35			
1727 9.6	(MK)[OM401.973]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM401.978]	12.88- 08.94	110895	28 55	12.88- 08.94	110206	24 5.4
		12.88- 02.91	110906	28 30	12.88- 08.94	113855	24 5.4
		12.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
1728 15.1	(SK)[OM442.906]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		02.91- 08.94	113920	28 35			
	(SK)[OM442.907]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		02.91- 08.94	113920	28 35			
	(SK)[OM442.908]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		02.91- 08.94	113920	28 35			
(SK)[OM442.923]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4	
	07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
	07.88- 08.94	112159	28 80				
	02.91- 08.94	113920	28 35				
(SK)[OM442.925]	07.88- 08.94	110895	28 55	07.87- 09.96	113855	24 5.4	
	07.88- 02.91	110906	28 30				
	07.88- 08.94	112159	28 80				
	02.91- 08.94	113920	28 35				
1729 15.1	(MK)[OM442.906]	12.87- 08.94	110895	28 55	12.87- 08.94	110206	24 5.4
		12.87- 08.94	113920	28 35			
	(SK)	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		02.91- 08.94	113920	28 35			
	(MK)[OM442.907]	12.87- 08.94	110895	28 55			
		12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4

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O.E.M. names and numbers are used for reference purposes only.





	(SK)	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(SK)[OM442.908]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(MK)[OM442.923]	12.87- 08.94	113920	28 35	12.87- 08.94	110206	24 5.4
	(SK)	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(SK)[OM442.925]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(SK)[OM442.926]	07.88- 09.93	110895	28 55	07.88- 09.93	110206	24 5.4
		07.88- 02.91	110906	28 30	07.88- 09.93	113855	24 5.4
		07.88- 09.93	112159	28 80			
		03.91- 09.93	113920	28 35			
1729 7.2	(Atego 2)				01.12-	111982	24 4.0
					01.12-	114086	24 5.5
					01.12-	115896	24 5.5 A49
1733 11.0	(MK)[OM441.960]	01.89- 07.92	110895	28 55	01.89- 07.92	110206	24 5.4
		01.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		01.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	(MK)[OM441.962]	01.89- 07.92	110895	28 55	01.89- 07.92	110206	24 5.4
		01.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		01.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	(MK)[OM441.981]	01.89- 07.92	110895	28 55	01.89- 07.92	110206	24 5.4
		01.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		01.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	(MK)[OM441.983]	01.89- 07.92	110895	28 55	01.89- 07.92	110206	24 5.4
		01.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		01.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	(MK)[OM441.986]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
					01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
(MK)[OM445.920]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4	
				12.87- 09.96	113855	24 5.4	
				01.89- 07.92	110206	24 5.4	
				12.87- 09.96	113855	24 5.4	
(MK)[OM445.939]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4	
				12.87- 09.96	113855	24 5.4	
				01.89- 07.92	110206	24 5.4	
				12.87- 09.96	113855	24 5.4	
1734 11.0	(MK)[OM441.960]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
	(MK)[OM441.962]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
	(MK)[OM441.981]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
	(MK)[OM441.983]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
	(MK)[OM441.986]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4
					12.87- 09.96	113855	24 5.4
(MK)[OM441.989]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4	
				12.87- 09.96	113855	24 5.4	
(MK)[OM445.920]	03.91- 07.92	113920	28 35	01.89- 07.92	110206	24 5.4	
				12.87- 09.96	113855	24 5.4	
1735 14.7	(SK)[OM440.940]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.88- 08.94	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(SK)[OM442.906]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.88- 08.94	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(SK)[OM442.942]	08.89- 08.94	110895	28 55	08.89- 08.94	110206	24 5.4
		08.89- 02.91	110906	28 30	08.89- 08.94	113855	24 5.4
08.89- 08.94		112159	28 80				
03.91- 08.94		113920	28 35				
(SK)[OM442.944]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4	
	07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
	07.88- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
(SK)[OM442.963]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4	
	07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
	07.88- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
(SK)[OM442.964]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4	
	07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
	07.88- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
(SK)[OM442.966]	08.89- 08.94	110895	28 55	08.89- 08.94	110206	24 5.4	
	08.89- 02.91	110906	28 30	08.89- 08.94	113855	24 5.4	
	08.89- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
(SK)[OM442.976]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4	
	07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
	07.88- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				



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1748 14.7	(SK)[OM442.985]	07.88- 07.92	110895	28 55	07.88- 07.92	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 07.92	112159	28 80			
			03.91- 07.92	113920	28 35		
	(SK)[OM442.989]	07.88- 07.92	110895	28 55	07.88- 07.92	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
07.88- 07.92		112159	28 80				
03.91- 07.92		113920	28 35				
1820 6.0	(MK)[OM356.984]	01.91-	110895	28 55	01.91-	110524	24 4.0
		01.91- 02.91	110906	28 30	01.91- 02.01	113979	24 4.0
		01.91-	112159	28 80			
		03.91- 02.01	113920	28 35			
	(MK)[OM356.987]	01.91- 01.01	110895	28 55	01.91- 01.01	110524	24 4.0
		01.91- 02.91	110906	28 30			
		01.91- 01.01	112159	28 80			
		05.92- 09.96	113920	28 35	05.92- 09.96	113979	24 4.0
	(MK)[OM357.925]	01.91- 01.01	110895	28 55	01.91- 01.01	110524	24 4.0
		01.91- 02.91	110906	28 30			
		01.91- 01.01	112159	28 80			
		01.94- 09.96	113920	28 35	01.94- 09.96	113979	24 4.0
1823 6.4	(Atego)[OM906.920]	01.98- 01.01	112561	28 80	01.98- 01.01	111982	24 4.0
		01.98- 01.01	113448	28 100	01.98- 09.04	114523	24 4.0
		01.98- 09.04	115497	28 80 A49	01.98- 09.04	115514	24 4.0 A49
					01.98- 09.04	115801	24 4.0
	(Axor)	01.02-	113351	28 100	01.02-	111982	24 4.0
		01.02-	113448	28 100	01.02- 10.04	114523	24 4.0
		01.02- 10.04	115497	28 80 A49	01.02- 10.04	115514	24 4.0 A49
		01.02- 10.04	115557	28 100 A49			
	(Axor 2)				10.04-	111982	24 4.0
					10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
	(Atego)[OM906.922]	05.98- 01.01	112561	28 80	05.98- 01.01	111982	24 4.0
		05.98- 01.01	113448	28 100	05.98- 09.04	114523	24 4.0
	(Econic)[OM906.924]	03.98-	112561	28 80	03.98-	111982	24 4.0
		03.98-	113448	28 100	03.98-	114523	24 4.0
		03.98-	115497	28 80 A49	03.98-	115514	24 4.0 A49
					03.98-	115801	24 4.0
	(Atego)[OM906.925]	01.98- 09.04	112561	28 80	01.98- 09.04	111982	24 4.0
		01.98- 09.04	113448	28 100	01.98- 09.04	114523	24 4.0
		01.98- 09.04	115497	28 80	01.98- 09.04	115514	24 4.0 A49
					01.98- 09.04	115801	24 4.0
	(Econic)[OM906.940]	03.98- 01.01	112561	28 80	03.98- 01.01	111982	24 4.0
		03.98- 01.01	113448	28 100	03.98-	114523	24 4.0
		03.98-	115497	28 80 A49	03.98- 03.01	115514	24 4.0 A49
				03.98-	115801	24 4.0	
(Econic)[OM906.951]	03.98-	112561	28 80	03.98-	111982	24 4.0	
	03.98-	113448	28 100	03.98-	114523	24 4.0	
	03.98-	115497	28 80 A49	03.98-	115514	24 4.0 A49	
				03.98-	115801	24 4.0	
1824 11.0	(MK)[OM445.924]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	01.94- 09.96	113855	24 5.4
	(MK)[OM445.925]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	01.94- 09.96	113855	24 5.4
	(MK)[OM445.926]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80			
	(MK)[OM445.930]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	01.94- 09.96	113855	24 5.4
	(MK)[OM445.933]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80			
(MK)[OM445.938]	01.94-	110895	28 55	01.94-	110206	24 5.4	
	01.94-	112159	28 80	01.94- 09.96	113855	24 5.4	
1824 15.1	(MK)[OM442.907]	12.88- 08.94	113920	28 35			
1824 6.0	(MK)[OM356.999]	08.92- 09.96	113920	28 35	08.92-	110210	24 6.6
					08.92- 09.96	113979	24 4.0
1824 6.4	(Axor)[OM902.913]	09.06-	115497	28 80 A49	10.04-	114523	24 4.0
					09.06-	115514	24 4.0 A49
	(Axor 2)				10.04-	111982	24 4.0
					10.04-	114523	24 4.0
				10.04-	115514	24 4.0 A49	
1824 9.6	(MK)[OM401.975]	08.92- 09.96	110895	28 55	08.92- 09.96	110206	24 5.4
		08.92-	112159	28 80	08.92-	110210	24 6.6
		08.92- 09.96	113920	28 35	08.92- 09.96	113855	24 5.4
	(MK)[OM401.984]	08.92-	110895	28 55	08.92-	110206	24 5.4
		08.92-	112159	28 80	08.92-	110210	24 6.6
		08.92- 09.96	113920	28 35	08.92- 09.96	113855	24 5.4
	(MK)[OM445.924]	08.92-	110895	28 55	08.92-	110206	24 5.4
		08.92-	112159	28 80	08.92-	110210	24 6.6
		01.94- 09.96	113920	28 35	12.87- 09.96	113855	24 5.4
	(MK)[OM445.938]	08.92-	110895	28 55	08.92-	110206	24 5.4
		08.92-	110906	28 30	12.87- 09.96	113855	24 5.4
		08.92-	112159	28 80			
	(MK)[OM445.941]	08.92-	110895	28 55	08.92-	110206	24 5.4
		08.92-	112159	28 80	12.87- 09.96	113855	24 5.4
01.94- 09.96		113920	28 35				
1826 6.4	(Axor)[OM902.914]	09.06-	115497	28 80 A49	10.04-	114523	24 4.0
					09.06-	115514	24 4.0 A49
1827 11.0	(MK)[OM445.926]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	12.87- 09.96	113855	24 5.4
	(MK)[OM445.933]	08.92- 09.96	112159	28 80	08.92- 09.96	110206	24 5.4
		01.94-	110895	28 55	01.94-	110206	24 5.4
	(MK)[OM445.936]	01.94-	112159	28 80	12.87- 09.96	113855	24 5.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**MERCEDES-BENZ** *Continued*

1827 9.6	(MK)[OM401.973]	12.90-	110895	28 55	12.90- 09.96	110206	24 5.4
		12.90- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.90-	112159	28 80			
		02.91- 02.01	113920	28 35			
	(MK)[OM401.977]	12.90-	110895	28 55	12.90-	110206	24 5.4
		12.90- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.90-	112159	28 80			
		03.91- 02.01	113920	28 35			
	(MK)[OM401.989]	08.92- 09.96	113920	28 35	08.92- 09.96	110206	24 5.4
	(MK)[OM401.991]	12.90-	110895	28 55	12.90-	110206	24 5.4
		12.90- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.90-	112159	28 80			
02.91- 02.01		113920	28 35				
1828 6.4	(Axor)[OM902.915]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
	(Axor)[OM902.932]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
	(Atego)[OM906.921]	05.98- 09.04	112561	28 80	05.98- 01.01	111982	24 4.0
		05.98- 09.04	113448	28 100	05.98- 09.04	114523	24 4.0
		05.98- 09.04	115497	28 80 A49	05.98- 09.04	115514	24 4.0 A49
	(Axor)	01.02- 08.06	112561	28 80	10.04-	114523	24 4.0
		01.02- 08.06	113448	28 100	01.02- 08.06	115514	24 4.0 A49
		01.02- 08.06	115497	28 80 A49			
	(Atego)[OM906.923]	05.98- 01.01	112561	28 80	05.98- 01.01	111982	24 4.0
		05.98- 01.01	113448	28 100	05.98- 09.04	114523	24 4.0
					05.98- 09.04	115514	24 4.0 A49
	(Axor)	10.04-	115497	28 80 A49	05.98- 09.04	115801	24 4.0
					10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
	(Atego)[OM906.926]	05.98- 09.04	112561	28 80	05.98- 09.04	111982	24 4.0
		05.98- 09.04	113448	28 100	05.98- 09.04	114523	24 4.0
		05.98- 09.04	115497	28 80 A49	05.98- 09.04	115514	24 4.0 A49
	(Axor)	09.00-	112561	28 80	05.98- 09.04	115801	24 4.0
		10.04-	115497	28 80 A49	10.04-	115514	24 4.0 A49
	(Axor)[OM906.928]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
	(Econic)[OM906.941]	03.98- 01.01	112561	28 80	03.98- 01.01	111982	24 4.0
		03.98- 01.01	113448	28 100	03.98-	114523	24 4.0
					03.98- 03.01	115514	24 4.0 A49
	1828 6.9	(Econic)[M906.900]	10.00-	112561	28 80	10.00-	111982
10.00-			113351	28 100	10.00-	114523	24 4.0
10.00-			113448	28 100	10.00-	115514	24 4.0 A49
10.00-			115497	28 80 A49			
10.00-			115557	28 100 A49			
1828 7.2	(Econic)[M902.900]				111982	24 4.0	
					114523	24 4.0	
	(Econic)[M902.903]				09.06-	115514	24 4.0 A49
					09.06-	111982	24 4.0
1829 6.4	(Axor)[OM902.915]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
	(Axor 2)				10.04-	111982	24 4.0
					10.04-	114523	24 4.0
	(Axor)[OM902.932]	10.04-	115497	28 80 A49	10.04-	115514	24 4.0 A49
					10.04-	114523	24 4.0
	(Axor)[OM906.921]	01.02- 08.06	115497	28 80 A49	10.04-	114523	24 4.0
					01.02- 08.06	115514	24 4.0 A49
	(Axor)[OM906.923]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
	(Axor)[OM906.926]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
(Axor)[OM906.928]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
				10.04-	115514	24 4.0 A49	
1831 11.0	(SK)[OM441.986]	07.92-	110895	28 55	07.92-	110206	24 5.4
		07.92-	112159	28 80	07.92- 09.96	113855	24 5.4
		07.92- 09.96	113920	28 35			
	(SK)[OM441.993]	07.92-	110895	28 55	07.92-	110206	24 5.4
		07.92-	112159	28 80	07.92- 09.96	113855	24 5.4
		07.92- 09.96	113920	28 35			
	(MK)[OM445.929]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	12.87- 09.96	113855	24 5.4
	(SK)	01.94-	110895	28 55	07.92-	110206	24 5.4
		01.94-	112159	28 80	07.87- 09.96	113855	24 5.4
		01.94-	113351	28 100			
		01.94-	113448	28 100			
		07.92- 09.96	115557	28 100 A49			
	(SK)[OM445.930]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	01.94- 09.96	113855	24 5.4
	(MK)[OM445.937]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	12.87- 09.96	113855	24 5.4
	(SK)	01.94-	110895	28 55	07.92-	110206	24 5.4
01.94-		112159	28 80	07.87- 09.96	113855	24 5.4	
1831 11.9	(Actros)[OM541.920]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	113851	24 7.5
		09.96-	112561	28 80			
		09.96- 09.03	113351	28 100	04.96- 10.02	111771	24 6.2
		09.96- 09.03	113448	28 100	04.96- 10.02	113609	24 6.2
		04.96- 10.02	115557	28 100 A49	04.96- 10.02	115885	24 7.5 A49
	(Actros)[OM541.926]	04.97-	112561	28 80	04.97- 10.02	111771	24 6.2
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2
		04.97-	113448	28 100	04.97- 10.02	113851	24 7.5
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49
		04.97- 10.02	115557	28 100 A49			



	(Actros)[OM541.940]	04.96- 10.02	115497	28 80	A49	04.96- 10.02	115885	24 7.5	A49
		04.96- 10.02	115557	28 100	A49				
	(Actros)[OM541.941]	04.97- 10.02	115497	28 80	A49	04.97- 10.02	115885	24 7.5	A49
		04.97- 10.02	115557	28 100	A49				
1831 12.8	(MK)[OM402.987]	12.88- 08.94	113920	28 35		12.88- 08.94	110206	24 5.4	
1831 9.6	(MK)[OM401.972]	12.90-	110895	28 55		12.90-	110206	24 5.4	
		12.90- 02.91	110906	28 30		12.87- 09.96	113855	24 5.4	
		12.90-	112159	28 80					
		03.91- 02.01	113920	28 35					
	(SK)	12.90- 06.96	110895	28 55		07.92-	110206	24 5.4	
		12.90- 02.01	112159	28 80		07.87- 09.96	113855	24 5.4	
		02.91- 02.01	113920	28 35					
		06.96- 02.01	113351	28 100					
		06.96- 02.01	113448	28 100					
		07.87- 09.96	115557	28 100	A49				
	(MK)[OM401.979]	12.88- 02.01	113920	28 35		12.88- 08.94	110206	24 5.4	
		12.90-	110895	28 55		12.87- 09.96	113855	24 5.4	
		12.90- 02.91	110906	28 30					
		12.90-	112159	28 80					
		12.90- 02.01	113351	28 100					
		12.90- 02.01	113448	28 100					
		12.88- 08.94	115557	28 100	A49				
	(SK)	02.91- 02.01	113920	28 35					
		07.92-	110895	28 55		07.92-	110206	24 5.4	
		07.92-	112159	28 80		07.87- 09.96	113855	24 5.4	
	(SK)[OM401.986]	05.91-	110895	28 55		05.91-	110206	24 5.4	
		05.91-	112159	28 80		05.91- 09.96	113855	24 5.4	
		05.91- 09.96	113920	28 35					
	(MK)[OM401.993]	12.90-	110895	28 55		12.90-	110206	24 5.4	
		12.90- 02.91	110906	28 30		12.87- 09.96	113855	24 5.4	
		12.90-	112159	28 80					
		03.91- 02.01	113920	28 35					
	(SK)	02.91- 02.01	113920	28 35					
		07.92-	110895	28 55		07.92-	110206	24 5.4	
		07.92-	112159	28 80		07.87- 09.96	113855	24 5.4	
		07.92- 02.01	113351	28 100					
		07.92- 02.01	113448	28 100					
		07.92- 09.96	115557	28 100	A49				
1832 11.9	(Actros)[OM541.940]	04.03-	112561	28 80		04.03-	111771	24 6.2	
		04.03-	113351	28 100		04.03-	113609	24 6.2	
		04.03-	113448	28 100		04.03-	113851	24 7.5	
		04.03-	115497	28 80	A49	04.03-	115885	24 7.5	A49
		04.03-	115557	28 100	A49				
	(Actros)[OM541.970]	04.03-	115497	28 80	A49	04.03-	113609	24 6.2	
						04.03-	113851	24 7.5	
						04.03-	115885	24 7.5	A49
	(Actros)[OM541.971]	04.03-	115497	28 80	A49	04.03-	113609	24 6.2	
						04.03-	113851	24 7.5	
						04.03-	115885	24 7.5	A49
	(Actros)[OM541.996]	04.03-	115497	28 80	A49	04.03-	113609	24 6.2	
						04.03-	113851	24 7.5	
						04.03-	115885	24 7.5	A49
	(Actros)[OM541.997]	04.03-	112561	28 80		04.03-	113609	24 6.2	
		04.03-	113351	28 100		04.03-	113851	24 7.5	
		04.03-	113448	28 100		04.03-	115885	24 7.5	A49
		04.03-	115497	28 80	A49				
		04.03-	115557	28 100	A49				
1833 7.2	(Axor)[OM926.913]	10.04- 08.06	115497	28 80	A49	10.04-	114523	24 4.0	
						10.04- 08.06	115514	24 4.0	A49
	(Axor 2)					10.04-	111982	24 4.0	
						10.04-	114523	24 4.0	
						10.04-	115514	24 4.0	A49
	(Econic)[OM926.934]	09.06-	115497	28 80	A49	10.07-	114086	24 5.5	
		10.07-	113351	28 100		09.06-	111982	24 4.0	
						09.06-	115514	24 4.0	A49
						10.07-	115896	24 5.5	A49
						10.07-	114523	24 4.0	
	(Zetros)[OM926.935]	09.08-	115497	28 80	A49	09.08-	114523	24 4.0	
						09.08-	115514	24 4.0	A49
	(Zetros)[OM926.936]	09.08-	115497	28 80	A49	09.08-	114523	24 4.0	
						09.08-	115514	24 4.0	A49
1834 11.0	(MK)[OM441.986]	01.91-	110895	28 55		01.91-	110206	24 5.4	
		01.91- 02.91	110906	28 30		12.87- 09.96	113855	24 5.4	
		01.91-	112159	28 80					
		03.91- 02.01	113920	28 35					
	(SK)	10.93-	110895	28 55		10.93-	110206	24 5.4	
		10.93-	112159	28 80		07.87- 09.96	113855	24 5.4	
		10.93- 09.96	113920	28 35					
	(MK)[OM441.987]	01.91-	110895	28 55		01.91-	110206	24 5.4	
		01.91- 02.91	110906	28 30		12.87- 09.96	113855	24 5.4	
		01.91-	112159	28 80					
		03.91- 09.96	113920	28 35					
	(MK)[OM441.989]	01.91-	110895	28 55		01.91-	110206	24 5.4	
		01.91- 02.91	110906	28 30		12.87- 09.96	113855	24 5.4	
		01.91-	112159	28 80					
		03.91- 02.01	113920	28 35					
	(SK)	07.88- 09.93	113920	28 35					
	(MK)[OM441.991]	01.91-	110895	28 55		01.91-	110206	24 5.4	
		01.91- 02.91	110906	28 30		12.87- 09.96	113855	24 5.4	
		01.91-	112159	28 80					
		03.91- 02.01	113920	28 35					
	(SK)[OM441.996]	10.93-	110895	28 55		10.93-	110206	24 5.4	
		10.93-	112159	28 80		07.87- 09.96	113855	24 5.4	
		10.93- 09.96	113920	28 35					

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	(MK)[OM445.920]	01.91-	110895	28 55	01.91-	110206	24 5.4	
		01.91- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
		01.91-	112159	28 80				
		01.94- 01.01	113920	28 35				
	(SK)	10.93-	110895	28 55	10.93-	110206	24 5.4	
		10.93-	112159	28 80	07.87- 09.96	113855	24 5.4	
		01.94- 09.96	113920	28 35				
	(MK)[OM445.921]	01.91-	110895	28 55	01.91-	110206	24 5.4	
		01.91- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
		01.91-	112159	28 80				
		03.94- 09.96	113920	28 35				
	(MK)[OM445.939]	01.91-	110895	28 55	01.91-	110206	24 5.4	
		01.91- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4	
		01.91-	112159	28 80				
		01.94- 01.01	113920	28 35				
	(SK)	10.93-	110895	28 55	10.93-	110206	24 5.4	
		10.93-	112159	28 80	07.87- 09.96	113855	24 5.4	
		01.94- 09.96	113920	28 35				
1835 11.9	(Actros)[OM541.922]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	115885	24 7.5 A49	
		09.96-	112561	28 80	04.96- 10.02	111771	24 6.2	
		09.96-	113351	28 100	04.96- 10.02	113609	24 6.2	
		09.96-	113448	28 100	04.96- 10.02	113851	24 7.5	
		(Actros)[OM541.927]	04.96- 10.02	115557	28 100 A49			
			04.97-	112561	28 80	04.97- 10.02	111771	24 6.2
			04.97-	113351	28 100	04.97- 10.02	113609	24 6.2
			04.97-	113448	28 100	04.97- 10.02	113851	24 7.5
		(Actros)[OM541.942]	04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49
			04.97- 10.02	115557	28 100 A49			
			04.96- 10.02	115497	28 80 A49	04.96- 10.02	115885	24 7.5 A49
			04.96- 10.02	115557	28 100 A49			
	(Actros)[OM541.943]	04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49	
		04.97- 10.02	115557	28 100 A49				
1835 12.0	(Axor)[OM457.937]	01.02-	113351	28 100	01.02-	113609	24 6.2	
		01.02- 10.04	115497	28 80 A49	01.02- 10.04	113851	24 7.5	
		01.02- 10.04	115557	28 100 A49	01.02- 10.04	115885	24 7.5 A49	
1836 11.9	(Actros)[OM541.942]	04.03-	112561	28 80	04.03-	111771	24 6.2	
		04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	113448	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
		(Actros MP2 / MP3)[OM541.943]	04.03-	112561	28 80			
			04.03-	112561	28 80	04.03-	111771	24 6.2
			04.03-	113351	28 100	04.03-	113609	24 6.2
			04.03-	113448	28 100	04.03-	113851	24 7.5
		(Actros)[OM541.972]	04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
			04.03-	115557	28 100 A49			
			04.03-	112561	28 80	04.03-	111771	24 6.2
			04.03-	113351	28 100	04.03-	113609	24 6.2
	(Actros)[OM541.998]	04.03-	113448	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
		04.03-	115557	28 100 A49				
		04.03-	112561	28 80	04.03-	111771	24 6.2	
	(Actros)[OM541.999]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	113448	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
		04.03-	115557	28 100 A49				
1836 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
		(Axor 2)[OM457.948]	10.04-	113351	28 100			
			10.04-	115497	28 80 A49			
			10.04-	115557	28 100 A49			
		(Axor 2)[OM457.980]	10.04-	113351	28 100			
			10.04-	115497	28 80 A49			
			10.04-	115557	28 100 A49			
1838 12.8	(SK)[OM402.971]	12.90- 08.96	110895	28 55	12.90- 02.01	110206	24 5.4	
		12.90- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
		12.90- 02.01	112159	28 80				
		03.91- 02.01	113920	28 35				
		(SK)[OM402.972]	12.90-	110895	28 55	12.90- 02.01	110206	24 5.4
			12.90- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
			12.90-	112159	28 80			
			03.91- 02.01	113920	28 35			
		(SK)[OM402.975]	12.90- 08.96	110895	28 55	12.90- 02.01	110206	24 5.4
			12.90- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
			12.90-	112159	28 80			
			03.91- 02.01	113920	28 35			
	(SK)[OM402.978]	12.92-	110895	28 55	12.92-	110206	24 5.4	
		12.92-	112159	28 80	12.92- 09.96	113855	24 5.4	
		12.92- 02.01	113920	28 35				
	(SK)[OM402.985]	12.90-	110895	28 55	12.90- 02.01	110206	24 5.4	
		12.90- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
		12.90-	112159	28 80				
		03.91- 02.01	113920	28 35				
	(SK)[OM402.986]	12.90-	110895	28 55	12.90- 02.01	110206	24 5.4	
		12.90- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4	
		12.90-	112159	28 80				
		03.91- 02.01	113920	28 35				
	(SK)[OM402.996]	12.92-	110895	28 55	12.92-	110206	24 5.4	
		12.92-	112159	28 80	12.92- 09.96	113855	24 5.4	
		12.92- 09.96	113920	28 35				
1838 14.6	(SK)[OM440.978]	12.90- 02.01	113920	28 35	12.90- 02.01	110206	24 5.4	
		12.92- 09.96	113920	28 35	12.92-	110206	24 5.4	
	(SK)[OM440.982]	12.92- 09.96	113920	28 35	12.92-	110206	24 5.4	
		12.90- 02.01	113920	28 35	12.90- 02.01	110206	24 5.4	
	(SK)[OM440.991]	12.90- 02.01	113920	28 35	12.90- 02.01	110206	24 5.4	

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	(SK)[OM446.924]	06.95-	110895	28 55	07.87- 09.96	113855	24 5.4
		06.95-	112159	28 80	06.95- 02.01	110206	24 5.4
	(SK)[OM446.925]	06.95-	110895	28 55	06.95-	110206	24 5.4
		06.95-	112159	28 80	07.87- 09.96	113855	24 5.4
	(SK)[OM446.927]	01.94-	112159	28 80	01.94-	110206	24 5.4
	(SK)[OM446.943]	12.90- 02.01	113920	28 35	12.90- 02.01	110206	24 5.4
1840 11.9	(Actros)[OM541.923]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	115885	24 7.5 A49
		09.96- 09.03	112561	28 80	04.96- 10.02	111771	24 6.2
		09.96-	113351	28 100	04.96- 10.02	113609	24 6.2
		09.96-	113448	28 100	04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49			
	(Actros)[OM541.924]	04.97-	112561	28 80	04.97- 10.02	111771	24 6.2
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2
		04.97-	113448	28 100	04.97- 10.02	113851	24 7.5
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49
		04.97- 10.02	115557	28 100 A49			
	(Actros)[OM541.944]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	115885	24 7.5 A49
		09.96- 09.03	112561	28 80	04.96- 10.02	111771	24 6.2
		09.96-	113351	28 100	04.96- 10.02	113609	24 6.2
		09.96-	113448	28 100	04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49			
	(Actros)[OM541.945]	04.97-	112561	28 80	04.97- 10.02	111771	24 6.2
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2
		04.97-	113448	28 100	04.97- 10.02	113851	24 7.5
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49
		04.97- 10.02	115557	28 100 A49			
1840 12.0	(Axor)[OM457.937]	01.02-	113351	28 100	01.02-	113609	24 6.2
		01.02- 10.04	115497	28 80 A49	01.02- 10.04	113851	24 7.5
		01.02- 10.04	115557	28 100 A49	01.02- 10.04	115885	24 7.5 A49
	(Axor 2)	10.04-	113351	28 100	10.04-	113851	24 7.5
		10.04-	115497	28 80 A49	10.04-	115885	24 7.5 A49
		10.04-	115557	28 100 A49			
	(Axor 2)[OM457.948]	10.04-	113351	28 100	10.04-	113851	24 7.5
		10.04-	115497	28 80 A49	10.04-	115885	24 7.5 A49
		10.04-	115557	28 100 A49			
	(Axor 2)[OM457.955]	10.04-	113351	28 100	10.04-	113851	24 7.5
		10.04-	115497	28 80 A49	10.04-	115885	24 7.5 A49
		10.04-	115557	28 100 A49			
	(Axor 2)[OM457.980]	10.04-	113351	28 100	10.04-	113851	24 7.5
		10.04-	115497	28 80 A49	10.04-	115885	24 7.5 A49
		10.04-	115557	28 100 A49			
1840 12.8	(SK)[OM402.971]	07.91- 07.92	110895	28 55	07.91- 07.92	110206	24 5.4
		07.91- 07.92	112159	28 80	07.91- 07.92	113855	24 5.4
		07.91- 07.92	113920	28 35			
1841 11.9	(Actros)[OM541.944]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49			
	(Actros)[OM541.974]	04.03-	112561	28 80	04.03-	113609	24 6.2
		04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	113448	28 100	04.03-	115885	24 7.5 A49
		04.03-	115497	28 80 A49			
		04.03-	115557	28 100 A49			
	(Actros)[OM541.990]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49			
	(Actros MP2 / MP3)[OM541.991]	04.03-	113351	28 100			
		04.03-	115497	28 80 A49			
		04.03-	115557	28 100 A49			
1843 11.9	(Actros)[OM541.921]	04.97-	112561	28 80	04.97- 10.02	111771	24 6.2
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2
		04.97-	113448	28 100	04.97- 10.02	113851	24 7.5
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49
		04.97- 10.02	115557	28 100 A49			
	(Actros)[OM541.925]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	115885	24 7.5 A49
		09.96-	112561	28 80	04.96- 10.02	111771	24 6.2
		09.96-	113351	28 100	04.96- 10.02	113609	24 6.2
		09.96-	113448	28 100	04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49			
	(Actros)[OM541.946]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	115885	24 7.5 A49
		09.96-	112561	28 80	04.96- 10.02	113609	24 6.2
		09.96-	113351	28 100	04.96- 10.02	113851	24 7.5
		09.96-	113448	28 100			
		04.96- 10.02	115557	28 100 A49	04.96- 10.02	111771	24 6.2
	(Actros)[OM541.947]	04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49
		04.97- 10.02	115557	28 100 A49			
1843 12.0	(Axor)[OM457.937]	01.02-	113351	28 100	01.02-	113609	24 6.2
		01.02- 10.04	115497	28 80 A49	01.02-	113851	24 7.5
		01.02-	115557	28 100 A49	01.02-	115885	24 7.5 A49
	(Axor 2)	10.04-	113351	28 100	10.04-	113851	24 7.5
		10.04-	115497	28 80 A49	10.04-	115885	24 7.5 A49
		10.04-	115557	28 100 A49			
	(Axor 2)[OM457.948]	10.04-	113351	28 100	10.04-	113851	24 7.5
		10.04-	115497	28 80 A49	10.04-	115885	24 7.5 A49
		10.04-	115557	28 100 A49			
	(Axor 2)[OM457.980]	10.04-	113351	28 100	10.04-	113851	24 7.5
		10.04-	115497	28 80 A49	10.04-	115885	24 7.5 A49
		10.04-	115557	28 100 A49			
1844 11.9	(Actros)[OM541.921]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49			

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O.E.M. names and numbers are used for reference purposes only.



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	(Actros)[OM541.925]	04.03-112561	28 80	04.03-113609	24 6.2
		04.03-115497	28 80 A49	04.03-113851	24 7.5
		04.03-115557	28 100 A49	04.03-115885	24 7.5 A49
	(Actros)[OM541.946]	04.03-112561	28 80	04.03-113609	24 6.2
		04.03-113351	28 100	04.03-111771	24 6.2
		04.03-113448	28 100		
		04.03-115497	28 80 A49	04.03-113851	24 7.5
		04.03-115557	28 100 A49	04.03-115885	24 7.5 A49
	(Actros)[OM541.947]	04.03-112561	28 80	04.03-113609	24 6.2
		04.03-115497	28 80 A49	04.03-113851	24 7.5
		04.03-115557	28 100 A49	04.03-115885	24 7.5 A49
	(Actros)[OM541.976]	04.03-112561	28 80	04.03-113609	24 6.2
		04.03-115497	28 80 A49	04.03-113851	24 7.5
		04.03-115557	28 100 A49	04.03-115885	24 7.5 A49
	(Actros)[OM541.992]	04.03-112561	28 80	04.03-113609	24 6.2
		04.03-115497	28 80 A49	04.03-113851	24 7.5
		04.03-115557	28 100 A49	04.03-115885	24 7.5 A49
	(Actros)[OM541.993]	04.03-112561	28 80	04.03-113609	24 6.2
		04.03-115497	28 80 A49	04.03-113851	24 7.5
		04.03-115557	28 100 A49	04.03-115885	24 7.5 A49
1844 14.6	(SK)[OM440.970]	11.91-110895	28 55	11.91-110206	24 5.4
		11.91-112159	28 80	07.87-09.96 113855	24 5.4
		11.91-09.96 113920	28 35		
	(SK)[OM446.922]	11.91-110895	28 55	11.91-110206	24 5.4
		11.91-112159	28 80	07.87-09.96 113855	24 5.4
		01.94-09.96 113920	28 35		
1846 11.9	(Actros)[OM541.948]	04.03-112561	28 80	04.03-113609	24 6.2
		04.03-113351	28 100	04.03-113851	24 7.5
		04.03-115497	28 80 A49	04.03-115885	24 7.5 A49
		04.03-115557	28 100 A49		
	(Actros)[OM541.949]	04.03-113351	28 100	04.03-113609	24 6.2
		04.03-115497	28 80 A49	04.03-113851	24 7.5
		04.03-115557	28 100 A49	04.03-115885	24 7.5 A49
	(Actros)[OM541.980]	04.03-113351	28 100	04.03-113609	24 6.2
		04.03-115497	28 80 A49	04.03-113851	24 7.5
		04.03-115557	28 100 A49	04.03-115885	24 7.5 A49
	(Actros)[OM541.981]	04.03-113351	28 100	04.03-115885	24 7.5 A49
		04.03-115497	28 80 A49		
		04.03-115557	28 100 A49		
	(Actros)[OM541.994]	04.03-113351	28 100	04.03-113609	24 6.2
		04.03-115497	28 80 A49	04.03-113851	24 7.5
		04.03-115557	28 100 A49	04.03-115885	24 7.5 A49
	(Actros)[OM541.995]	04.03-112561	28 80	04.03-113609	24 6.2
		04.03-113351	28 100	04.03-113851	24 7.5
		04.03-115497	28 80 A49	04.03-115885	24 7.5 A49
		04.03-115557	28 100 A49		
1848 11.9	(Actros)[OM541.948]	04.03-115497	28 80 A49	04.03-113609	24 6.2
				04.03-113851	24 7.5
				04.03-115885	24 7.5 A49
1848 12.0	(Actros)[OM541.948]	04.03-115497	28 80 A49	04.03-113609	24 6.2
				04.03-113851	24 7.5
				04.03-115885	24 7.5 A49
1848 15.9	(Actros)[OM542.921]	04.03-112159	28 80	04.96-10.02 111771	24 6.2
		04.96-10.02 115497	28 80 A49		
		09.96-112561	28 80	04.96-10.02 113609	24 6.2
		09.96-113351	28 100	04.96-10.02 113851	24 7.5
		09.96-113448	28 100	04.96-10.02 115885	24 7.5 A49
		04.96-10.02 115557	28 100 A49		
	(Actros)[OM542.925]	04.97-112561	28 80	04.97-10.02 111771	24 6.2
		04.97-113351	28 100	04.97-10.02 113609	24 6.2
		04.97-113448	28 100	04.97-10.02 113851	24 7.5
		04.97-10.02 115497	28 80 A49	04.97-10.02 115885	24 7.5 A49
		04.97-10.02 115557	28 100 A49		
	(Actros)[OM542.940]	04.96-10.02 115497	28 80 A49	04.96-10.02 115885	24 7.5 A49
		09.96-112561	28 80	04.96-10.02 111771	24 6.2
		09.96-113351	28 100	04.96-10.02 113609	24 6.2
		09.96-113448	28 100	04.96-10.02 113851	24 7.5
		04.96-10.02 115557	28 100 A49		
1850 14.6	(SK)[OM440.973]	12.90-110895	28 55	07.87-09.96 110206	24 5.4
		12.90-02.91 110906	28 30	07.87-09.96 113855	24 5.4
		12.90-112159	28 80		
		03.91-02.01 113920	28 35		
	(SK)[OM442.971]	12.90-110895	28 55	12.90-110206	24 5.4
		12.90-02.91 110906	28 30	07.87-09.96 113855	24 5.4
		12.90-112159	28 80		
		03.91-02.01 113920	28 35		
	(SK)[OM442.985]	12.90-110895	28 55	07.87-09.96 110206	24 5.4
		12.90-02.91 110906	28 30	07.87-09.96 113855	24 5.4
		12.90-112159	28 80		
		03.91-02.01 113920	28 35		
	(SK)[OM442.989]	12.90-110895	28 55	12.90-110206	24 5.4
		12.90-02.91 110906	28 30	07.87-09.96 113855	24 5.4
		12.90-112159	28 80		
		03.91-02.01 113920	28 35		
	(SK)[OM442.992]	07.87-09.96 111629	28 120		
		12.90-110895	28 55	07.87-09.96 110206	24 5.4
		12.90-02.91 110906	28 30	07.87-09.96 113855	24 5.4
		12.90-112159	28 80		
		03.91-02.01 113920	28 35		
	(SK)[OM442.997]	12.90-110895	28 55	12.90-110206	24 5.4
		12.90-02.91 110906	28 30	07.87-09.96 113855	24 5.4
		12.90-112159	28 80		
		03.91-02.01 113920	28 35		



1850 15.9	(Actros)[OM542.940]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49			
1851 15.9	(Actros)[OM542.941]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49			
	(Actros)[OM542.960]	04.03-	112561	28 80	04.03-	113609	24 6.2
		04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	113448	28 100			
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49			
(Actros)[OM542.961]	04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
	04.03-	115557	28 100 A49				
1853 14.6	(SK)[OM446.920]	01.96-	110895	28 55	01.96-	110206	24 5.4
		01.96-	112159	28 80	07.87- 09.96	113855	24 5.4
	(SK)[OM446.946]	01.96-	110895	28 55	01.96-	110206	24 5.4
		01.96-	112159	28 80	01.96- 09.96	113855	24 5.4
1853 15.9	(Actros)[OM542.920]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	115885	24 7.5 A49
		09.96-	112561	28 80	04.96- 10.02	111771	24 6.2
		09.96-	113351	28 100	04.96- 10.02	113609	24 6.2
		09.96-	113448	28 100	04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49			
	(Actros)[OM542.942]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	115885	24 7.5 A49
		04.96- 10.02	115557	28 100 A49			
1854 15.9	(Actros)[OM542.942]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49			
(Actros)[OM542.962]	04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
	04.03-	115557	28 100 A49				
1855 15.9	(Actros MP2 / MP3)[OM542.962]	06.08-	113351	28 100			
		06.08-	115497	28 80 A49			
		06.08-	115557	28 100 A49			
1857 15.9	(Actros)[OM542.922]	04.97-	112561	28 80	04.97- 10.02	111771	24 6.2
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2
		04.97-	113448	28 100	04.97- 10.02	113851	24 7.5
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49
		04.97- 10.02	115557	28 100 A49			
	(Actros)[OM542.944]	04.97-	112561	28 80	04.97- 10.02	111771	24 6.2
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2
		04.97-	113448	28 100	04.97- 10.02	113851	24 7.5
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49
		04.97- 10.02	115557	28 100 A49			
1858 15.9	(Actros)[OM542.944]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113351	28 100	10.02-	113609	24 6.2
		04.03-	113448	28 100	10.02-	113851	24 7.5
		04.03-	115497	28 80 A49	10.02-	115885	24 7.5 A49
		10.02-	115557	28 100 A49			
1860 15.9	(Actros MP2 / MP3)[OM542.964]	06.08-	113351	28 100			
		06.08-	115497	28 80 A49			
		06.08-	115557	28 100 A49			
1860 16.0	(Actros)[OM542.964]	05.05-	115497	28 80 A49	05.05-	113609	24 6.2
					05.05-	113851	24 7.5
					05.05-	115885	24 7.5 A49
1919 9.6	(NG)[OM401.909]	03.78- 08.82	110113	28 27	03.77- 08.82	110206	24 5.4
					05.74- 02.77	110210	24 6.6
					05.74- 08.82	112120	24 6.6
	(NG)[OM401.916]	03.78- 08.82	110113	28 27	03.77- 08.82	110206	24 5.4
					05.74- 02.77	110210	24 6.6
					05.74- 08.82	112120	24 6.6
1922 10.9	(NG)[OM421.905]	10.81- 10.86	110113	28 27	10.81- 03.91	110206	24 5.4
		11.86- 03.91	110895	28 55	05.83- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	10.81- 03.91	113855	24 5.4
		10.88- 03.91	112159	28 80			
1922 11.3	(SK)[OM441.905]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4
		05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4
		05.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(SK)[OM441.914]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4
		05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4
		05.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(SK)[OM441.923]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4
		05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4
		05.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
(SK)[OM441.926]	08.89- 08.94	110895	28 55	08.89- 08.94	110206	24 5.4	
	08.89- 02.91	110906	28 30	08.89- 08.94	113855	24 5.4	
	08.89- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35				
1926 12.8	(NG)[OM402.906]	03.78- 12.80	110113	28 27	03.77- 12.80	110206	24 5.4
					08.73- 02.77	110210	24 6.6
					08.73- 09.96	112120	24 6.6
	(NG)[OM402.912]	03.78- 12.80	110113	28 27	08.73- 09.96	113855	24 5.4
					03.77- 12.80	110206	24 5.4
					08.73- 02.77	110210	24 6.6
			08.73- 09.96	112120	24 6.6		
			08.73- 09.96	113855	24 5.4		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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Application list

	(NG)[OM402.916]	03.78- 12.80	110113	28 27	03.77- 12.80	110206	24 5.4
					05.74- 02.77	110210	24 6.6
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
1926 15.1	(MK)[OM442.914]	12.87- 09.96	110895	28 55	12.87- 09.96	110206	24 5.4
		12.87- 12.91	110906	28 30			
		12.87- 09.96	113920	28 35			
	(MK)[OM442.922]	12.87- 09.96	110895	28 55	12.87- 09.96	110206	24 5.4
		12.87- 02.91	110906	28 30			
		12.87- 09.96	113920	28 35			
	(MK)[OM442.932]	12.87- 09.96	110895	28 55	12.87- 09.96	110206	24 5.4
		12.87- 02.91	110906	28 30			
		12.87- 09.96	113920	28 35			
1928 14.6	(NG)[OM422.905]	10.86- 03.91	110113	28 27	01.80- 03.91	110206	24 5.4
		11.86- 03.91	110895	28 55	05.83- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	01.80- 03.91	113855	24 5.4
		10.88- 03.91	112159	28 80			
1928 14.6	(NG)[OM422.905]	01.80- 10.86	110113	28 27	01.80- 03.91	110206	24 5.4
		11.86- 03.91	110895	28 55	05.83- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 03.91	112159	28 80	08.73- 09.96	113855	24 5.4
	(NG)[OM422.906]	01.80- 10.86	110113	28 27	01.80- 03.91	110206	24 5.4
		11.86- 03.91	110895	28 55	05.83- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 03.91	112159	28 80	08.73- 09.96	113855	24 5.4
	(NG)[OM422.907]	01.80- 10.86	110113	28 27	01.80- 03.91	110206	24 5.4
		11.86- 03.91	110895	28 55	05.83- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 03.91	112159	28 80	08.73- 09.96	113855	24 5.4
	(NG)[OM422.911]	01.80- 10.86	110113	28 27	01.80- 03.91	110206	24 5.4
		11.86- 03.91	110895	28 55	05.83- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 03.91	112159	28 80	08.73- 09.96	113855	24 5.4
	(NG)[OM422.913]	01.80- 10.88	110113	28 27	01.80- 03.91	110206	24 5.4
		11.86- 03.91	110895	28 55	05.83- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4
		10.88- 03.91	112159	28 80	08.73- 09.96	112120	24 6.6
1929 15.1	(SK)[OM442.906]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	113920	28 35			
		10.88- 08.94	112159	28 80			
	(SK)[OM442.907]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	113920	28 35			
		10.88- 08.94	112159	28 80			
	(SK)[OM442.908]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		10.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(SK)[OM442.909]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
	(SK)[OM442.916]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		10.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(SK)[OM442.923]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		10.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(SK)[OM442.924]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
	(SK)[OM442.925]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.87- 09.96	113855	24 5.4
		07.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(SK)[OM442.926]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.88- 08.94	113855	24 5.4
		10.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(SK)[OM442.929]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
		07.88- 02.91	110906	28 30	07.88- 08.94	113855	24 5.4
		10.88- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35			
	(SK)[OM442.971]	07.88- 09.93	113920	28 35	07.88- 09.93	110206	24 5.4
1929 18.3	(SK)[OM443.940]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
1932 15.9	(NG)[OM403.916]	08.73- 09.83	110113	28 27	08.73- 09.83	110210	24 6.6
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
	(NG)[OM403.931]	08.73- 09.83	110113	28 27	08.73- 09.83	110210	24 6.6
					08.73- 09.96	112120	24 6.6
					08.73- 09.96	113855	24 5.4
1933 14.6	(NG)[OM422.952]	11.80- 10.86	110113	28 27	11.80- 03.91	110210	24 6.6
		11.86- 03.91	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4
		10.88- 03.91	112159	28 80			
	(NG)[OM422.954]	11.80- 10.86	110113	28 27	11.80- 03.91	110210	24 6.6
		11.86- 03.91	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 03.91	112159	28 80			
	(NG)[OM422.956]	11.80- 10.86	110113	28 27	11.80- 03.91	110210	24 6.6
		11.86- 03.91	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4
		10.88- 03.91	112159	28 80			
	(NG)[OM422.957]	11.80- 10.86	110113	28 27	11.80- 03.91	110210	24 6.6
		11.86- 03.91	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4
		10.88- 03.91	112159	28 80			

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	(NG)[OM422.958]	11.80- 10.86	110113	28 27	11.80- 03.91	110210	24 6.6	
		11.86- 03.91	110895	28 55	08.73- 09.96	112120	24 6.6	
		11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4	
		10.88- 03.91	112159	28 80				
1935 14.6	(SK)[OM440.940]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4	
		05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4	
		05.89- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
	(SK)[OM442.942]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4	
		05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4	
		05.89- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
	(SK)[OM442.943]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4	
		05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4	
		05.89- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
	(SK)[OM442.944]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4	
		05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4	
		05.89- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
(NG)[OM442.950]	02.86- 10.86	110113	28 27	02.86- 09.89	110206	24 5.4		
	11.86- 09.89	110895	28 55	08.73- 09.96	113855	24 5.4		
	11.86- 09.89	110906	28 30					
	10.88- 09.89	112159	28 80					
(NG)[OM442.952]	02.86- 10.86	110113	28 27	02.86- 09.89	110206	24 5.4		
	11.86- 09.89	110895	28 55	08.73- 09.96	113855	24 5.4		
	11.86- 09.89	110906	28 30					
	10.88- 09.89	112159	28 80					
(NG)[OM442.962]	09.87- 03.91	110895	28 55	09.87- 03.91	110206	24 5.4		
	09.87- 03.91	110906	28 30	09.87- 03.91	113855	24 5.4		
	10.88- 03.91	112159	28 80					
(SK)[OM442.963]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4		
	05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4		
	05.89- 08.94	112159	28 80					
	03.91- 08.94	113920	28 35					
(SK)[OM442.964]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4		
	05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4		
	05.89- 08.94	112159	28 80					
	03.91- 08.94	113920	28 35					
(SK)[OM442.966]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4		
	05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4		
	05.89- 08.94	112159	28 80					
	03.91- 08.94	113920	28 35					
(SK)[OM442.971]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4		
	05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4		
	05.89- 08.94	112159	28 80					
	03.91- 08.94	113920	28 35					
(SK)[OM442.972]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4		
	05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4		
	05.89- 08.94	112159	28 80					
	03.91- 08.94	113920	28 35					
(SK)[OM442.976]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4		
	05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4		
	05.89- 08.94	112159	28 80					
	03.91- 08.94	113920	28 35					
(SK)[OM442.977]	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4		
	05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4		
	05.89- 08.94	112159	28 80					
	03.91- 08.94	113920	28 35					
(SK)[OM442.978]	03.81- 08.94	113920	28 35					
	05.89- 08.94	110895	28 55	05.89- 08.94	110206	24 5.4		
	05.89- 02.91	110906	28 30	05.89- 08.94	113855	24 5.4		
	05.89- 08.94	112159	28 80					
1936 18.3	(NG)[OM423.905]	10.81- 10.86	110113	28 27	10.81- 03.91	110210	24 6.6	
		11.86- 03.91	110895	28 55	10.81- 03.91	112120	24 6.6	
		11.86- 03.91	110906	28 30	10.81- 03.91	113855	24 5.4	
		10.88- 03.91	112159	28 80				
	(NG)[OM423.906]	10.81- 10.86	110113	28 27	10.81- 03.91	110210	24 6.6	
		11.86- 03.91	110895	28 55	10.81- 03.91	112120	24 6.6	
		11.86- 03.91	110906	28 30	10.81- 03.91	113855	24 5.4	
		10.88- 03.91	112159	28 80				
	(NG)[OM423.907]	10.81- 10.86	110113	28 27	10.81- 03.91	110210	24 6.6	
		11.86- 03.91	110895	28 55	10.81- 03.91	112120	24 6.6	
		11.86- 03.91	110906	28 30	10.81- 03.91	113855	24 5.4	
		10.88- 03.91	112159	28 80				
	(NG)[OM423.908]	10.81- 10.86	110113	28 27	10.81- 03.91	110210	24 6.6	
		06.85- 09.96	113920	28 35	10.81- 03.91	113855	24 5.4	
		11.86- 03.91	110895	28 55				
		11.86- 03.91	110906	28 30				
1938 14.6	(NG)[OM422.953]	11.80- 10.86	110113	28 27	11.80- 06.90	110210	24 6.6	
		11.86- 06.90	110895	28 55	08.73- 09.96	112120	24 6.6	
		11.86- 06.90	110906	28 30	08.73- 09.96	113855	24 5.4	
		10.88- 06.90	112159	28 80				
	(NG)[OM422.955]	11.80- 10.86	110113	28 27	11.80- 06.90	110210	24 6.6	
		11.86- 06.90	110895	28 55	08.73- 09.96	113855	24 5.4	
		11.86- 06.90	110906	28 30				
		10.88- 06.90	112159	28 80				
	(NG)[OM422.959]	11.80- 10.86	110113	28 27	11.80- 06.90	110210	24 6.6	
		11.86- 06.90	110895	28 55	08.73- 09.96	112120	24 6.6	
		11.86- 06.90	110906	28 30	08.73- 09.96	113855	24 5.4	
		10.88- 06.90	112159	28 80				
	1944 14.6	(NG)[OM442.951]	10.85- 10.86	110113	28 27	10.85- 12.89	110206	24 5.4
			11.86- 12.89	110895	28 55	08.73- 09.96	113855	24 5.4
			11.86- 12.89	110906	28 30			
			10.88- 12.89	112159	28 80			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MERCEDES-BENZ Continued

1945 18.3	(SK)[OM443.940]					07.88- 08.94	110210	24	6.6
1948 14.6	(SK)[OM442.982]	09.88- 07.92	110895	28	55	09.88- 07.92	110206	24	5.4
		09.88- 02.91	110906	28	30	09.88- 07.92	113855	24	5.4
		10.88- 07.92	112159	28	80				
		03.91- 07.92	113920	28	35				
	(SK)[OM442.984]	09.88- 07.92	110895	28	55	09.88- 07.92	110206	24	5.4
		09.88- 02.91	110906	28	30	09.88- 07.92	113855	24	5.4
		10.88- 07.92	112159	28	80				
		03.91- 07.92	113920	28	35				
(SK)[OM442.985]	09.88- 07.92	110895	28	55	09.88- 07.92	110206	24	5.4	
	09.88- 02.91	110906	28	30	09.88- 07.92	113855	24	5.4	
	10.88- 07.92	112159	28	80					
	03.91- 07.92	113920	28	35					
(SK)[OM442.989]	09.88- 07.92	110895	28	55	09.88- 07.92	110206	24	5.4	
	09.88- 02.91	110906	28	30	09.88- 07.92	113855	24	5.4	
	10.88- 07.92	112159	28	80					
	03.91- 07.92	113920	28	35					
2020 6.0	(LK/LN2)[OM366.988]	01.84- 02.91	110906	28	30	05.92- 12.98	113979	24	4.0
		03.91- 12.98	110895	28	55	01.84- 12.98	110524	24	4.0
		03.91- 12.98	113920	28	35				
2024 11.0	(SK)[OM445.924]					01.94-	110206	24	5.4
	(SK)[OM445.925]					01.94-	110206	24	5.4
2024 6.0	(LK/LN2)[OM356.999]	01.84- 12.98	113920	28	35	01.84- 12.98	110524	24	4.0
						01.84- 12.98	113979	24	4.0
	(LK/LN2)[OM357.941]	01.84- 12.98	113920	28	35	01.84- 12.98	110524	24	4.0
						01.84- 12.98	113979	24	4.0
2024 9.6	(SK)[OM401.975]	02.93-	110895	28	55	02.93-	110206	24	5.4
		02.93-	112159	28	80	02.93-	110210	24	6.6
		02.93- 09.94	113920	28	35	02.93- 09.96	113855	24	5.4
	(SK)[OM401.984]	02.93-	110895	28	55	02.93-	110206	24	5.4
02.93-		112159	28	80	02.93-	110210	24	6.6	
2025 12.8	(NG)[OM402.912]	10.76- 10.80	110113	28	27	03.77- 10.80	110206	24	5.4
						10.76- 02.77	110210	24	6.6
	(NG)[OM402.916]	10.76- 10.80	110113	28	27	10.76- 10.80	113855	24	5.4
						03.77- 10.80	110206	24	5.4
						10.76- 02.77	110210	24	6.6
2025 14.6	(NG)[OM422.909]	08.83- 10.86	110113	28	27	08.83- 03.91	110210	24	6.6
		11.86- 03.91	110895	28	55	08.83- 03.91	112120	24	6.6
		11.86- 03.91	110906	28	30	08.83- 03.91	113855	24	5.4
		10.88- 03.91	112159	28	80				
2027 11.0	(SK)[OM445.933]				02.93- 09.96	110206	24	5.4	
2027 9.6	(SK)[OM401.989]				02.93- 09.96	110206	24	5.4	
2028 14.6	(NG)[OM422.905]	01.80- 10.86	110113	28	27	01.80- 06.89	110206	24	5.4
		11.86- 06.89	110895	28	55	01.80- 06.89	110210	24	6.6
		11.86- 06.89	110906	28	30	01.80- 06.89	113855	24	5.4
		10.88- 06.89	112159	28	80				
	(NG)[OM422.906]	01.80- 10.86	110113	28	27	01.80- 06.89	110206	24	5.4
		11.86- 06.89	110895	28	55	01.80- 06.89	110210	24	6.6
		11.86- 06.89	110906	28	30	01.80- 06.89	112120	24	6.6
		10.88- 06.89	112159	28	80	01.80- 06.89	113855	24	5.4
	(NG)[OM422.907]	01.80- 05.85	110113	28	27	01.80- 06.89	110206	24	5.4
		06.85- 06.89	113920	28	35				
		11.86- 06.89	110895	28	55	05.83- 06.89	110210	24	6.6
		10.88- 06.89	112159	28	80				
	(NG)[OM422.910]	01.80- 10.86	110113	28	27	01.80- 06.89	110206	24	5.4
		11.86- 06.89	110895	28	55	01.80- 06.89	110210	24	6.6
		11.86- 06.89	110906	28	30	01.80- 06.89	112120	24	6.6
		10.88- 06.89	112159	28	80	01.80- 06.89	113855	24	5.4
(NG)[OM422.911]	01.80- 10.86	110113	28	27	01.80- 06.89	110206	24	5.4	
	06.85- 06.89	113920	28	35					
	11.86- 06.89	110895	28	55	01.80- 06.89	110210	24	6.6	
	11.86- 06.89	110906	28	30	01.80- 06.89	112120	24	6.6	
	10.88- 06.89	112159	28	80	01.80- 06.89	113855	24	5.4	
					01.80- 06.89	110206	24	5.4	
(NG)[OM422.913]	01.80- 05.85	110113	28	27	01.80- 06.89	110206	24	5.4	
	06.85- 06.89	113920	28	35					
	11.86- 06.89	110895	28	55	05.83- 06.89	110210	24	6.6	
	10.88- 06.89	112159	28	80					
2031 11.0	(SK)[OM445.929]					01.94- 09.96	110206	24	5.4
	(SK)[OM445.930]					01.94-	110206	24	5.4
2031 11.9	(Actros)[OM541.920]	04.96-	112561	28	80	04.96- 10.02	111771	24	6.2
		04.96-	113351	28	100	04.96- 10.02	113609	24	6.2
		04.96-	113448	28	100	04.96- 10.02	113851	24	7.5
		04.96- 10.02	115497	28	80 A49	04.96- 10.02	115885	24	7.5 A49
		04.96- 10.02	115557	28	100 A49				
	(Actros)[OM541.926]	04.96- 01.01	112561	28	80	04.96- 10.02	111771	24	6.2
		04.96- 01.01	113351	28	100	04.96- 10.02	113609	24	6.2
		04.96- 01.01	113448	28	100	04.96- 10.02	113851	24	7.5
		04.96- 10.02	115497	28	80 A49	04.96- 10.02	115885	24	7.5 A49
		04.96- 10.02	115557	28	100 A49				
	(Actros)[OM541.940]	04.96-	112561	28	80	04.96- 10.02	111771	24	6.2
		04.96-	113351	28	100	04.96- 10.02	113609	24	6.2
		04.96-	113448	28	100	04.96- 10.02	113851	24	7.5
		04.96- 10.02	115497	28	80 A49	04.96- 10.02	115885	24	7.5 A49
04.96- 10.02		115557	28	100 A49					
(Actros)[OM541.941]	04.96-	112561	28	80	04.96- 10.02	113609	24	6.2	
	04.96-	113351	28	100	04.96- 10.02	113851	24	7.5	
	04.96-	113448	28	100					
	04.96- 10.02	115497	28	80 A49	04.96- 10.02	115885	24	7.5 A49	
	04.96- 10.02	115557	28	100 A49					
2031 12.8	(SK)[OM402.978]	03.92- 08.96	110895	28	55	03.92-	110206	24	5.4
		03.92- 08.96	113920	28	35	03.92-	110210	24	6.6



	(SK)[OM402.996]	03.92- 08.96	110895	28 55	03.92-	110206	24 5.4
		03.92- 08.96	113920	28 35	03.92-	110210	24 6.6
	(SK)[OM440.979]	03.92- 08.96	113920	28 35	03.92-	110206	24 5.4
2031 14.6	(SK)[OM446.927]	01.94-	112159	28 80	01.94-	110206	24 5.4
2031 9.6	(SK)[OM401.972]	03.92- 09.96	110895	28 55	03.92- 09.96	110206	24 5.4
		03.92- 09.96	112159	28 80	03.92- 09.96	113855	24 5.4
		03.92- 09.96	113920	28 35	03.92-	110210	24 6.6
	(SK)[OM401.979]	03.92- 09.96	110895	28 55	03.92- 09.96	110206	24 5.4
		03.92- 09.96	112159	28 80	03.92- 09.96	113855	24 5.4
		03.92- 09.96	113920	28 35	03.92-	110210	24 6.6
	(SK)[OM401.986]	03.92- 08.96	110895	28 55	03.92-	110206	24 5.4
		03.92- 08.96	113920	28 35	03.92-	110210	24 6.6
	(SK)[OM401.993]	03.92- 09.96	110895	28 55	03.92- 09.96	110206	24 5.4
		03.92- 09.96	112159	28 80	03.92- 09.96	113855	24 5.4
		03.92- 09.96	113920	28 35			
2032 11.9	(Actros)[OM541.920]	04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49	04.03-	111771	24 6.2
	(Actros)[OM541.926]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	(Actros)[OM541.940]	04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49	04.03-	111771	24 6.2
	(Actros)[OM541.941]	04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49	04.03-	111771	24 6.2
	(Actros)[OM541.970]	04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49			
	(Actros)[OM541.996]	04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49			
	(Actros)[OM541.997]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
2032 14.6	(NG)[OM422.952]	12.81- 10.86	110113	28 27	12.81- 05.87	110210	24 6.6
		11.86- 05.87	110895	28 55	12.81- 05.87	113855	24 5.4
		11.86- 05.87	110906	28 30			
	(NG)[OM422.956]	12.81- 10.86	110113	28 27	12.81- 05.87	110210	24 6.6
		11.86- 05.87	110895	28 55	12.81- 05.87	113855	24 5.4
		11.86- 05.87	110906	28 30			
2032 15.9	(NG)[OM403.931]	08.75- 09.83	110113	28 27	08.75- 09.83	110210	24 6.6
					08.75- 09.83	112120	24 6.6
					08.75- 09.83	113855	24 5.4
	(NG)[OM403.932]	08.75- 09.83	110113	28 27	08.75- 09.83	110210	24 6.6
					08.75- 09.83	112120	24 6.6
					08.75- 09.83	113855	24 5.4
2035 11.9	(Actros)[OM541.922]	04.96-	113351	28 100	04.96- 10.02	111771	24 6.2
		04.96-	113448	28 100	04.96- 10.02	113609	24 6.2
		04.96- 10.02	115497	28 80 A49	04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49	04.96- 10.02	115885	24 7.5 A49
	(Actros)[OM541.927]	04.97-	112561	28 80	04.97- 10.02	111771	24 6.2
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2
		04.97-	113448	28 100	04.97- 10.02	113851	24 7.5
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49
		04.97- 10.02	115557	28 100 A49			
	(Actros)[OM541.942]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	115885	24 7.5 A49
		04.96- 10.02	115557	28 100 A49			
	(Actros)[OM541.943]	04.97-	112561	28 80	04.97- 10.02	111771	24 6.2
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2
		04.97-	113448	28 100	04.97- 10.02	113851	24 7.5
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49
		04.97- 10.02	115557	28 100 A49			
2035 14.6	(NG)[OM442.950]	06.86- 10.86	110113	28 27	06.86- 07.89	110206	24 5.4
		11.86- 07.89	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 07.89	110906	28 30			
	(NG)[OM442.952]	06.86- 10.86	110113	28 27	06.86- 07.89	110206	24 5.4
		11.86- 07.89	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 07.89	110906	28 30			
	(NG)[OM442.958]	06.86- 10.86	110113	28 27	06.86- 07.89	110206	24 5.4
		11.86- 07.89	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 07.89	110906	28 30			
2036 11.9	(Actros)[OM541.922]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	(Actros MP2 / MP3)	04.03-	112561	28 80	04.03-	113851	24 7.5
		04.03-	113351	28 100	04.03-	115885	24 7.5 A49
		04.03-	115497	28 80 A49			
	(Actros)[OM541.927]	04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	115885	24 7.5 A49
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	111771	24 6.2
	(Actros)[OM541.942]	04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	115885	24 7.5 A49
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	111771	24 6.2
	(Actros MP2 / MP3)	04.03-	112561	28 80	04.03-	113851	24 7.5
		04.03-	113351	28 100	04.03-	115885	24 7.5 A49
		04.03-	115497	28 80 A49			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

MERCEDES-BENZ Continued

	(Actros)[OM541.943]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	113448	28 100	04.03-	115885	24 7.5 A49	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	111771	24 6.2	
	(Actros)[OM541.972]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	113448	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
		04.03-	115557	28 100 A49				
	(Actros MP2 / MP3)	04.03-	112561	28 80	04.03-	113851	24 7.5	
		04.03-	113351	28 100	04.03-	115885	24 7.5 A49	
		04.03-	115497	28 80 A49				
	(Actros MP2 / MP3)[OM541.998]	04.03-	112561	28 80	04.03-	113851	24 7.5	
04.03-		113351	28 100	04.03-	115885	24 7.5 A49		
04.03-		115497	28 80 A49					
2036 14.6	(NG)[OM442.950]	03.84- 05.85	110113	28 27	03.84- 06.89	110210	24 6.6	
		06.85- 11.86	113920	28 35				
		11.86- 06.89	110895	28 55				
		10.88- 06.89	112159	28 80				
	(NG)[OM442.962]	03.84- 05.85	110113	28 27	03.84- 06.89	110210	24 6.6	
		03.84- 06.89	113920	28 35				
		11.86- 06.89	110895	28 55				
		10.88- 06.89	112159	28 80				
	2036 18.3	(NG)[OM423.905]	03.84- 10.86	110113	28 27	03.84- 03.91	110210	24 6.6
			11.86- 03.91	110895	28 55	03.84- 03.91	112120	24 6.6
			11.86- 03.91	110906	28 30	03.84- 03.91	113855	24 5.4
			10.88- 03.91	112159	28 80			
(NG)[OM423.908]		03.84- 10.86	110113	28 27	03.84- 03.91	110210	24 6.6	
		11.86- 03.91	110895	28 55	03.84- 03.91	112120	24 6.6	
		11.86- 03.91	110906	28 30	03.84- 03.91	113855	24 5.4	
		10.88- 03.91	112159	28 80				
2038 12.8		(SK)[OM402.971]	11.91-	110895	28 55	11.91-	110206	24 5.4
			11.91-	112159	28 80	11.91-	110210	24 6.6
			11.91- 08.96	113920	28 35	11.91- 09.96	113855	24 5.4
		(SK)[OM402.972]	11.91- 08.96	113920	28 35	11.91-	110206	24 5.4
					11.91-	110210	24 6.6	
					11.91- 09.96	113855	24 5.4	
	(SK)[OM402.978]	12.92-	110895	28 55	12.92-	110206	24 5.4	
		12.92-	112159	28 80	12.92- 09.96	113855	24 5.4	
		12.92- 09.96	113920	28 35				
	(SK)[OM402.985]	11.91-	110895	28 55	11.91-	110206	24 5.4	
		11.91-	112159	28 80	11.91-	110210	24 6.6	
		11.91- 09.96	113920	28 35	11.91- 09.96	113855	24 5.4	
(SK)[OM402.986]	11.91- 08.96	113920	28 35	11.91-	110206	24 5.4		
				11.91-	110210	24 6.6		
				11.91- 09.96	113855	24 5.4		
2038 14.6	(SK)[OM440.970]	12.92- 09.96	113920	28 35	12.92-	110206	24 5.4	
	(SK)[OM440.979]	12.92-	112159	28 80	12.92-	110206	24 5.4	
	(SK)[OM446.925]	01.94-	112159	28 80	01.94-	110206	24 5.4	
	(SK)[OM446.927]	01.94-	112159	28 80	01.94-	110206	24 5.4	
2040 11.9	(Actros)[OM541.923]	04.96-	112561	28 80	04.96- 10.02	111771	24 6.2	
		04.96-	113351	28 100	04.96- 10.02	113609	24 6.2	
		04.96-	113448	28 100	04.96- 10.02	113851	24 7.5	
		04.96- 10.02	115497	28 80 A49	04.96- 10.02	115885	24 7.5 A49	
	(Actros)[OM541.924]	04.96- 10.02	115557	28 100 A49				
		04.96- 01.01	112561	28 80	04.96- 10.02	111771	24 6.2	
		04.96- 01.01	113351	28 100	04.96- 10.02	113609	24 6.2	
		04.96- 01.01	113448	28 100	04.96- 10.02	113851	24 7.5	
	(Actros)[OM541.944]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	115885	24 7.5 A49	
		04.96- 10.02	115557	28 100 A49				
		04.96- 10.02	112561	28 80	04.96- 10.02	111771	24 6.2	
		04.96-	113351	28 100	04.96- 10.02	113609	24 6.2	
	(Actros)[OM541.945]	04.96-	113448	28 100	04.96- 10.02	113851	24 7.5	
		04.96- 10.02	115497	28 80 A49	04.96- 10.02	115885	24 7.5 A49	
		04.96- 10.02	115557	28 100 A49	04.96- 10.02	111771	24 6.2	
					04.96- 10.02	113609	24 6.2	
	2040 12.0	(Actros)[OM541.923]	11.02-	112561	28 80	11.02-	111771	24 6.2
			11.02-	113351	28 100	11.02-	113609	24 6.2
			11.02-	113448	28 100			
			11.02-	115497	28 80 A49			
		(Actros)[OM541.944]	11.02-	112561	28 80	11.02-	111771	24 6.2
			11.02-	113351	28 100	11.02-	113609	24 6.2
			11.02-	113448	28 100			
			11.02-	115497	28 80 A49			
2041 11.9		(Actros)[OM541.923]	04.03-	113351	28 100	04.03-	111771	24 6.2
			04.03-	113448	28 100	04.03-	113609	24 6.2
			04.03-	115497	28 80 A49	04.03-	113851	24 7.5
			04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	(Actros)[OM541.924]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	113448	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
	(Actros)[OM541.944]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	113448	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
	(Actros)[OM541.945]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	113448	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	

## STARTERS & ALTERNATORS



	(Actros)[OM541.974]	04.03- 04.03- 04.03- 04.03-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	(Actros)[OM541.990]	04.03- 04.03- 04.03- 04.03-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	(Actros)[OM541.991]	04.03- 04.03- 04.03- 04.03-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
2043 11.9	(Actros)[OM541.921]	04.96- 04.96- 10.02 04.96- 10.02	113351 115497 115557	28 100 28 80 A49 28 100 A49		04.96- 10.02 04.96- 10.02 04.96- 10.02	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Actros)[OM541.925]	04.96- 04.96- 10.02	113351 115497	28 100 28 80 A49		04.96- 10.02 04.96- 10.02	111771 113609	24 6.2 24 6.2
	(Actros)[OM541.947]	04.96- 10.02 04.96- 10.02	115557 115557	28 100 A49 28 100 A49		04.96- 10.02 04.96- 10.02	113851 115885	24 7.5 24 7.5 A49
2044 11.9	(Actros)[OM541.921]	04.03- 04.03- 04.03- 04.03-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	111771 113851 113609 115885	24 6.2 24 7.5 24 6.2 24 7.5 A49
	(Actros)[OM541.925]	04.03- 04.03- 04.03- 04.03-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	(Actros MP2 / MP3)	04.03- 04.03- 04.03-	113351 113448 115497	28 100 28 100 28 80 A49		04.03- 04.03- 04.03-	113851 115885	24 7.5 24 7.5 A49
	(Actros)[OM541.946]	04.03- 04.03- 04.03- 04.03-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	(Actros MP2 / MP3)	04.03- 04.03- 04.03-	113351 113448 115497	28 100 28 100 28 80 A49		04.03- 04.03- 04.03-	113851 115885	24 7.5 24 7.5 A49
	(Actros)[OM541.947]	04.03- 04.03- 04.03- 04.03-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	(Actros)[OM541.976]	04.03- 04.03- 04.03- 04.03-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	(Actros MP2 / MP3)	04.03- 04.03- 04.03-	113351 113448 115497	28 100 28 100 28 80 A49		04.03- 04.03- 04.03-	113851 115885	24 7.5 24 7.5 A49
	(Actros MP2 / MP3)[OM541.992]	04.03- 04.03- 04.03-	113351 113448 115497	28 100 28 100 28 80 A49		04.03- 04.03- 04.03-	113851 115885	24 7.5 24 7.5 A49
2044 12.0	(Actros)[OM541.947]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	(Actros)[OM541.993]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 24 7.5 A49
2044 14.6	(SK)[OM440.970]	01.92- 01.92- 01.92- 09.96	110895 112159 113920	28 55 28 80 28 35		01.91- 01.92- 09.96 01.92- 09.96	110210 113855 110206	24 6.6 24 5.4 24 5.4
	(SK)[OM440.978]	01.92- 01.92- 01.92- 09.96	110895 112159 113920	28 55 28 80 28 35		01.92- 01.91- 01.92- 09.96	110206 110210 113855	24 5.4 24 6.6 24 5.4
	(SK)[OM440.979]	01.94- 09.96	113920	28 35		01.94- 09.96 01.91- 01.92- 09.96	110206 110210 113855	24 5.4 24 6.6 24 5.4
	(SK)[OM446.922]	01.92- 01.92- 01.94- 08.96	110895 112159 113920	28 55 28 80 28 35		01.92- 01.91- 01.92- 09.96	110206 110210 113855	24 5.4 24 6.6 24 5.4
2046 11.9	(Actros)[OM541.948]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	(Actros MP2 / MP3)	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Actros)[OM541.980]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	(Actros MP2 / MP3)	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	(Actros MP2 / MP3)[OM541.994]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	(Actros)[OM541.995]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
2048 11.9	(Actros)[OM541.948]	04.03-	115497	28 80 A49		04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Actros MP2 / MP3)[OM541.978]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**MERCEDES-BENZ** Continued

2048 12.0	(Actros)[OM541.948]	04.03-	115497	28 80 A49	04.03-	113609	24 6.2
					04.03-	113851	24 7.5
					04.03-	115885	24 7.5 A49
2048 15.9	(Actros)[OM542.925]	04.03-	112159	28 80	04.96- 10.02	111771	24 6.2
		04.96-	113351	28 100	04.96- 10.02	113609	24 6.2
		04.96- 10.02	115497	28 80 A49	04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49	04.96- 10.02	115885	24 7.5 A49
2050 14.6	(SK)[OM440.976]	01.91-	110895	28 55	01.91-	110206	24 5.4
		01.91- 02.91	110906	28 30	01.91-	110210	24 6.6
		01.91-	112159	28 80	01.91- 09.96	113855	24 5.4
		01.91- 02.01	113920	28 35			
	(SK)[OM442.985]	01.91-	110895	28 55	01.91-	110206	24 5.4
		01.91- 02.91	110906	28 30	01.91-	110210	24 6.6
		01.91-	112159	28 80	01.91- 09.96	113855	24 5.4
		03.91- 02.01	113920	28 35			
	(SK)[OM442.989]	01.91-	110895	28 55	01.91-	110206	24 5.4
		01.91- 02.91	110906	28 30	01.91-	110210	24 6.6
		01.91-	112159	28 80	01.91- 09.96	113855	24 5.4
		03.91- 02.01	113920	28 35			
	(SK)[OM442.992]	01.91-	110895	28 55	01.91-	110206	24 5.4
		01.91- 02.91	110906	28 30	01.91-	110210	24 6.6
		01.91-	112159	28 80	01.91- 09.96	113855	24 5.4
		03.91- 02.01	113920	28 35			
	(SK)[OM442.997]	01.91-	110895	28 55	01.91-	110206	24 5.4
01.91- 02.91		110906	28 30	01.91-	110210	24 6.6	
01.91-		112159	28 80	01.91- 09.96	113855	24 5.4	
03.91- 02.01		113920	28 35				
(SK)[OM446.920]	01.91-	110895	28 55	01.91-	110206	24 5.4	
	01.91- 02.91	110906	28 30	01.91-	110210	24 6.6	
	01.91-	112159	28 80	01.91- 09.96	113855	24 5.4	
	03.91- 02.01	113920	28 35				
2050 15.9	(Actros)[OM542.940]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	(Actros)[OM542.941]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
2051 15.9	(Actros MP2 / MP3)[OM542.940]	06.08-	113351	28 100			
		06.08-	115497	28 80 A49			
		06.08-	115557	28 100 A49			
	(Actros MP2 / MP3)[OM542.960]	06.08-	113351	28 100			
		06.08-	115497	28 80 A49			
		06.08-	115557	28 100 A49			
2051 16.0	(Actros)[OM542.940]	04.03-	115497	28 80 A49	04.03-	113609	24 6.2
					04.03-	113851	24 7.5
					04.03-	115885	24 7.5 A49
	(Actros)[OM542.960]	04.03-	115497	28 80 A49	04.03-	113609	24 6.2
					04.03-	113851	24 7.5
				04.03-	115885	24 7.5 A49	
2053 15.9	(Actros)[OM542.920]	04.96-	112561	28 80	04.96- 10.02	111771	24 6.2
		04.96-	113351	28 100	04.96- 10.02	113609	24 6.2
		04.96-	113448	28 100	04.96- 10.02	113851	24 7.5
		04.96- 10.02	115497	28 80 A49	04.96- 10.02	115885	24 7.5 A49
		04.96- 10.02	115557	28 100 A49			
	(Actros)[OM542.942]	04.96-	112561	28 80	04.96- 10.02	111771	24 6.2
		04.96-	113351	28 100	04.96- 10.02	113609	24 6.2
		04.96- 10.02	115497	28 80 A49	04.96- 10.02	113851	24 7.5
				04.96- 10.02	115885	24 7.5 A49	
2054 15.9	(Actros MP2 / MP3)[OM542.942]	04.03-	113448	28 100			
2055 14.6	(SK)[OM442.997]				01.92- 09.96	110206	24 5.4
2055 15.9	(Actros MP2 / MP3)[OM542.962]	06.08-	113351	28 100			
		06.08-	115497	28 80 A49			
		06.08-	115557	28 100 A49			
2219 5.7	(NG)[OM362.906]	02.83- 09.85	110113	28 27	02.83- 09.85	110524	24 4.0
	(NG)[OM362.909]	02.83- 09.85	110113	28 27	02.83- 09.85	110524	24 4.0
2219 9.6	(NG)[OM401.914]	04.81- 01.87	111141	14 55	03.77- 01.87	110206	24 5.4
					06.76- 02.77	110210	24 6.6
					06.76- 01.87	112120	24 6.6
					06.76- 01.87	113855	24 5.4
	(NG)[OM401.923]	04.81- 01.87	111141	14 55	06.76- 01.87	110206	24 5.4
					06.76- 01.87	110210	24 6.6
					08.73- 09.96	112120	24 6.6
				08.73- 09.96	113855	24 5.4	
	(NG)[OM401.925]	04.81- 01.87	111141	14 55	03.77- 01.87	110206	24 5.4
					06.76- 02.77	110210	24 6.6
					06.76- 01.87	112120	24 6.6
				06.76- 01.87	113855	24 5.4	
	(NG)[OM401.926]	04.81- 01.87	111141	14 55	06.76- 01.87	110206	24 5.4
					06.76- 01.87	110210	24 6.6
				08.73- 09.96	112120	24 6.6	
				08.73- 09.96	113855	24 5.4	
(NG)[OM401.927]	04.81- 01.87	111141	14 55	06.76- 01.87	110206	24 5.4	
				06.76- 01.87	110210	24 6.6	
				08.73- 09.96	112120	24 6.6	
				08.73- 09.96	113855	24 5.4	
2220 6.0	(NG)[OM366.983]	07.85- 10.86	110113	28 27	07.85- 03.91	110524	24 4.0
		11.86- 03.91	110895	28 55			
		11.86- 03.91	110906	28 30			
		10.88- 03.91	112159	28 80			

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2222 11.0	(NG)[OM421.905]	08.73- 09.96	113920	28 35				
		05.82- 10.86	110113	28 27	08.73- 09.96	112120	24 6.6	
		11.86- 03.91	110895	28 55	05.82- 03.91	112026	24 5.4	
		11.86- 03.91	110906	28 30	05.82- 03.91	112010	24 6.6	
		10.88- 03.91	112159	28 80	08.73- 09.96	113855	24 5.4	
	(NG)[OM421.907]	05.82- 10.86	110113	28 27	05.82- 03.91	112026	24 5.4	
		11.86- 03.91	110895	28 55	05.82- 03.91	112010	24 6.6	
		11.86- 03.91	110906	28 30	05.82- 03.91	112120	24 6.6	
		10.88- 03.91	112159	28 80	05.82- 03.91	113855	24 5.4	
		08.73- 09.96	113920	28 35	08.73- 09.96	112120	24 6.6	
(NG)[OM441.905]	08.73- 09.96	113920	28 35	08.73- 09.96	112120	24 6.6		
	05.82- 10.86	110113	28 27	05.82- 03.91	112026	24 5.4		
(NG)[OM441.906]	11.86- 03.91	110895	28 55	05.82- 03.91	112010	24 6.6		
	11.86- 03.91	110906	28 30	05.82- 03.91	112120	24 6.6		
(NG)[OM441.917]	10.88- 03.91	112159	28 80	05.82- 03.91	113855	24 5.4		
	08.73- 09.96	113920	28 35	08.73- 09.96	112120	24 6.6		
2222 11.3	(NG)[OM441.914]	08.73- 09.96	113920	28 35				
	(NG)[OM441.919]	08.73- 09.96	113920	28 35				
2224 12.8	(NG)[OM402.910]	04.76- 12.82	111141	14 55	03.77- 12.82	112026	24 5.4	
					04.76- 02.77	110210	24 6.6	
					04.76- 12.82	112120	24 6.6	
					04.76- 12.82	113855	24 5.4	
					04.76- 12.82	112026	24 5.4	
	(NG)[OM402.911]	04.76- 12.82	111141	14 55	04.76- 12.82	110210	24 6.6	
					04.76- 12.82	112120	24 6.6	
					04.76- 12.82	113855	24 5.4	
	(NG)[OM402.914]	03.78- 06.82	110113	28 27	03.77- 03.84	112026	24 5.4	
					05.75- 02.77	110210	24 6.6	
	(NG)[OM402.927]	04.76- 12.82	111141	14 55	03.77- 12.82	112026	24 5.4	
					04.76- 12.82	110210	24 6.6	
					04.76- 12.82	112120	24 6.6	
					04.76- 12.82	113855	24 5.4	
	(NG)[OM402.928]	04.76- 12.82	111141	14 55	04.76- 12.82	112026	24 5.4	
				04.76- 12.82	110210	24 6.6		
				04.76- 12.82	112120	24 6.6		
				04.76- 12.92	113855	24 5.4		
2225 14.6	(NG)[OM422.909]	08.73- 09.96	113920	28 35	08.73- 09.96	112120	24 6.6	
		04.85- 10.86	110113	28 27	04.85- 03.91	112026	24 5.4	
		11.86- 03.91	110895	28 55	04.85- 03.91	112010	24 6.6	
		11.86- 03.91	110906	28 30	04.85- 03.91	113855	24 5.4	
		10.88- 03.91	112159	28 80	04.85- 03.91	113855	24 5.4	
	(NG)[OM422.912]	08.83- 10.86	110113	28 27	08.83- 03.91	112026	24 5.4	
		11.86- 03.91	110895	28 55	08.83- 03.91	112010	24 6.6	
		11.86- 03.91	110906	28 30	08.83- 03.91	112120	24 6.6	
		10.88- 03.91	112159	28 80	08.83- 03.91	113855	24 5.4	
					08.83- 03.91	113855	24 5.4	
2226 12.8	(NG)[OM402.912]	09.75- 12.80	110113	28 27	03.77- 12.80	112026	24 5.4	
					06.75- 02.77	110210	24 6.6	
					08.73- 09.96	112120	24 6.6	
	(NG)[OM402.916]	09.75- 12.80	110113	28 27	08.73- 09.96	113855	24 5.4	
					03.77- 12.80	112026	24 5.4	
					06.75- 02.77	110210	24 6.6	
(NG)[OM402.924]	09.75- 12.80	110113	28 27	08.73- 09.96	112120	24 6.6		
				08.73- 09.96	113855	24 5.4		
				03.77- 12.80	112026	24 5.4		
2228 14.6	(NG)[OM422.905]	12.79- 10.86	110113	28 27	12.79- 03.91	112026	24 5.4	
		11.86- 03.91	110895	28 55	12.79- 03.91	110210	24 6.6	
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6	
					08.73- 09.96	113855	24 5.4	
					08.73- 09.96	113855	24 5.4	
	(NG)[OM422.906]	12.79- 10.86	110113	28 27	12.79- 03.91	112026	24 5.4	
		11.86- 03.91	110895	28 55	12.79- 03.91	110210	24 6.6	
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6	
					08.73- 09.96	113855	24 5.4	
					08.73- 09.96	113855	24 5.4	
(NG)[OM422.911]	12.79- 10.86	110113	28 27	12.79- 03.91	112026	24 5.4		
	11.86- 03.91	110895	28 55	12.79- 03.91	110210	24 6.6		
	11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6		
				08.73- 09.96	113855	24 5.4		
				08.73- 09.96	113855	24 5.4		
2232 15.9	(NG)[OM403.931]	05.75- 09.83	110113	28 27	05.74- 09.83	112010	24 6.6	
					08.73- 09.96	112120	24 6.6	
					08.73- 09.96	113855	24 5.4	
	(NG)[OM403.932]	05.75- 09.83	110113	28 27	05.74- 09.83	112010	24 6.6	
					08.73- 09.96	112120	24 6.6	
2233 14.6	(NG)[OM422.952]	11.80- 10.86	110113	28 27	11.80- 05.87	112010	24 6.6	
		11.86- 05.87	110895	28 55	08.73- 09.96	112120	24 6.6	
		11.86- 05.87	110906	28 30	08.73- 09.96	113855	24 5.4	
					11.80- 05.87	112010	24 6.6	
					08.73- 09.96	112120	24 6.6	
	(NG)[OM422.954]	11.80- 10.86	110113	28 27	11.80- 05.87	112010	24 6.6	
		11.86- 05.87	110895	28 55	08.73- 09.96	112120	24 6.6	
		11.86- 05.87	110906	28 30	08.73- 09.96	113855	24 5.4	
					11.80- 05.87	112010	24 6.6	
	(NG)[OM422.957]	11.80- 10.86	110113	28 27	11.80- 05.87	112010	24 6.6	
		06.85- 05.87	113920	28 35	08.73- 09.96	112120	24 6.6	
		11.86- 05.87	110895	28 55	08.73- 09.96	113855	24 5.4	
		11.86- 05.87	110906	28 30				
	(NG)[OM422.958]	11.80- 10.86	110113	28 27	11.80- 05.87	112010	24 6.6	
		06.85- 05.87	113920	28 35	08.73- 09.96	112120	24 6.6	
11.86- 05.87		110895	28 55	08.73- 09.96	113855	24 5.4		
11.86- 05.87		110906	28 30					
2235 14.6	(NG)[OM442.950]	11.83- 07.89	110895	28 55	08.73- 09.96	113855	24 5.4	
		03.86- 10.86	110113	28 27	03.86- 07.89	112026	24 5.4	
		11.86- 07.89	110906	28 30				
	(NG)[OM442.957]	11.86- 07.89	110906	28 30				
		10.88- 07.89	112159	28 80				
2236 18.3	(NG)[OM423.905]	09.82- 10.86	110113	28 27	09.82- 03.91	112010	24 6.6	
		11.86- 03.91	110895	28 55	09.82- 03.91	112120	24 6.6	
		11.86- 03.91	110906	28 30	09.82- 03.91	113855	24 5.4	

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O.E.M. names and numbers are used for reference purposes only.





MERCEDES-BENZ Continued

	(NG)[OM423.908]	09.82- 10.86 11.86- 03.91 11.86- 03.91	110113 110895 110906	28 27 28 55 28 30	09.82- 03.91 09.82- 03.91 09.82- 03.91	110210 112120 113855	24 6.6 24 6.6 24 5.4
2238 14.6	(NG)[OM422.953]	01.81- 10.86 11.86- 12.86 11.86- 12.86	110113 110895 110906	28 27 28 55 28 30	01.81- 12.86 08.73- 09.96 08.73- 09.96	110210 112120 113855 110206	24 6.6 24 6.6 24 5.4 24 5.4
	(NG)[OM422.955]	01.81- 10.86 11.86- 12.86 11.86- 12.86	110113 110895 110906	28 27 28 55 28 30	01.81- 12.86 08.73- 09.96 08.73- 09.96	110210 112120 113855 110206	24 6.6 24 6.6 24 5.4 24 5.4
	(NG)[OM422.959]	01.81- 10.86 11.86- 12.86 11.86- 12.86	110113 110895 110906	28 27 28 55 28 30	01.81- 12.86 08.73- 09.96 08.73- 09.96	110210 112120 113855 110206	24 6.6 24 6.6 24 5.4 24 5.4
2244 14.6	(NG)[OM442.951]	10.85- 10.86 11.86- 07.89 11.86- 07.89 10.88- 07.89	110113 110895 110906 112159	28 27 28 55 28 30 28 80	10.85- 07.89 08.73- 09.96	110206 113855	24 5.4 24 5.4
2320 6.0	(MK)[OM356.984]	12.87- 09.96	113920	28 35	12.87- 09.96	110524	24 4.0
	(MK)[OM356.987]	12.87- 09.96	113920	28 35	12.87- 09.96	110524	24 4.0
2324 7.2	(Atron)				01.12-	111982	24 4.0
	(Atron)				01.12-	114086	24 5.5
	(Atron)				01.12-	115896	24 5.5 A49
2327 11.0	(MK)[OM445.926]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
2327 9.6	(MK)[OM401.973]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
2420 6.0	(MK)[OM356.984]	02.90- 08.94 02.90- 02.91 02.90- 08.94 03.91- 08.94	110895 110906 112159 113920	28 55 28 30 28 80 28 35	02.90- 08.94	110524	24 4.0
	(MK)[OM366.983]	02.90- 08.94 02.90- 02.91 02.90- 08.94 03.91- 08.94	110895 110906 112159 113920	28 55 28 30 28 80 28 35	02.90- 08.94	110524	24 4.0
2422 11.0	(NG)[OM421.905]	10.81- 03.91	113920	28 35			
	(MK)[OM441.905]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
	(NG)	08.73- 09.96	113920	28 35			
	(SK)	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	(NG)[OM441.917]	08.73- 09.96	113920	28 35			
	(MK)[OM441.923]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
	(SK)	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
2422 11.3	(MK)[OM441.905]	09.89- 08.94 09.89- 02.91 09.89- 08.94 03.91- 08.94	110895 110906 112159 113920	28 55 28 30 28 80 28 35	09.89- 08.94 12.87- 09.96	110206 113855	24 5.4 24 5.4
	(MK)[OM441.912]	09.89- 08.94 09.89- 02.91 09.89- 08.94 03.91- 08.94	110895 110906 112159 113920	28 55 28 30 28 80 28 35	09.89- 08.94 09.89- 08.94	110206 113855	24 5.4 24 5.4
	(NG)[OM441.914]	08.73- 09.96	113920	28 35			
	(MK)[OM441.916]	09.89- 08.94	113920	28 35	09.89- 08.94	110206	24 5.4
	(NG)[OM441.919]	08.73- 09.96	113920	28 35			
	(MK)[OM441.920]	12.87- 09.96 09.89- 08.94 09.89- 02.91 09.89- 08.94	113920 110895 110906 112159	28 35 28 55 28 30 28 80	12.87- 09.96 12.87- 09.96	110206 113855	24 5.4 24 5.4
	(MK)[OM441.923]	09.89- 08.94 09.89- 02.91 09.89- 08.94 03.91- 08.94	110895 110906 112159 113920	28 55 28 30 28 80 28 35	09.89- 08.94 12.87- 09.96	110206 113855	24 5.4 24 5.4
	(MK)[OM441.924]	09.89- 08.94 09.89- 02.91 09.89- 08.94 03.91- 08.94	110895 110906 112159 113920	28 55 28 30 28 80 28 35	09.89- 08.94 12.87- 09.96	110206 113855	24 5.4 24 5.4
	(MK)[OM441.932]	09.89- 08.94	113920	28 35	09.89- 08.94	110206	24 5.4
2425 14.6	(NG)[OM422.909]	11.86- 06.89 11.86- 06.89	110895 110906	28 55 28 30	09.85- 06.89	110206	24 5.4
2426 11.0	(MK)[OM441.960]				02.90- 08.94	110206	24 5.4
2426 15.1	(MK)[OM442.909]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
	(MK)[OM442.914]	12.87- 09.96 01.90- 08.94 01.90- 02.91 01.90- 08.94	113920 110895 110906 112159	28 35 28 55 28 30 28 80	12.87- 09.96 12.87- 09.96	110206 113855	24 5.4 24 5.4
	(MK)[OM442.921]	01.90- 08.94 01.90- 02.91 01.90- 08.94 03.91- 08.94	110895 110906 112159 113920	28 55 28 30 28 80 28 35	01.90- 08.94 01.90- 08.94	110206 113855	24 5.4 24 5.4
	(MK)[OM442.922]	12.87- 09.96 02.90- 08.94 02.90- 02.91 02.90- 08.94	113920 110895 110906 112159	28 35 28 55 28 30 28 80	12.87- 09.96 02.90- 08.94	110206 113855	24 5.4 24 5.4
	(MK)[OM442.932]	12.87- 09.96 01.90- 08.94 01.90- 02.91 01.90- 08.94	113920 110895 110906 112159	28 35 28 55 28 30 28 80	12.87- 09.96 01.90- 08.94	110206 113855	24 5.4 24 5.4
	(MK)[OM442.934]	01.90- 08.94 01.90- 02.91 01.90- 08.94 03.91- 08.94	110895 110906 112159 113920	28 55 28 30 28 80 28 35	01.90- 08.94 01.90- 08.94	110206 113855	24 5.4 24 5.4
2426 6.0	(MK)[OM401.973]				02.90- 08.94	110206	24 5.4
	(MK)[OM401.979]				02.90- 08.94	110206	24 5.4
2426 7.2	(Atego 2)				01.12-	111982	24 4.0
	(Atego 2)				01.12-	114086	24 5.5
	(Atego 2)				01.12-	115896	24 5.5 A49
2427 15.1	(MK)[OM442.923]	02.90- 08.94	113920	28 35			
2427 9.6	(MK)[OM401.973]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4

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	(MK)[OM401.977]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
	(MK)[OM401.978]	02.90- 08.94	113920	28 35	02.90- 08.94	110206	24 5.4
2428 14.6	(NG)[OM422.905]	08.73- 09.96	113920	28 35			
	(NG)[OM422.911]	08.73- 09.96	113920	28 35			
	(NG)[OM422.913]	08.73- 09.96	113920	28 35			
	(NG)[OM422.916]	08.73- 09.96	113920	28 35			
2429 14.6	(SK)[OM422.916]	07.87- 09.96	113920	28 35			
2429 15.1	(MK)[OM442.906]				12.87- 08.94	110206	24 5.4
	(SK)	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
		07.88- 08.94	110895	28 55	07.87- 09.96	113855	24 5.4
		07.88- 02.91	110906	28 30			
		10.88- 08.94	112159	28 80			
	(MK)[OM442.907]	12.87- 09.96	113920	28 35	12.87- 08.94	110206	24 5.4
	(SK)	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
		07.88- 08.94	110895	28 55	07.87- 09.96	113855	24 5.4
		07.88- 02.91	110906	28 30			
		10.88- 08.94	112159	28 80			
	(SK)[OM442.908]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	(MK)[OM442.909]	12.87- 09.96	113920	28 35			
	(SK)[OM442.916]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	(MK)[OM442.923]				12.87- 08.94	110206	24 5.4
	(SK)	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
		07.88- 08.94	110895	28 55	07.88- 08.94	113855	24 5.4
		07.88- 02.91	110906	28 30			
		10.88- 08.94	112159	28 80			
	(SK)[OM442.925]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
		07.88- 08.94	110895	28 55	07.87- 09.96	113855	24 5.4
		07.88- 02.91	110906	28 30			
		10.88- 08.94	112159	28 80			
2431 11.0	(MK)[OM445.929]	12.87- 09.96	113920	28 35			
	(MK)[OM445.937]	12.87- 09.96	113920	28 35			
2431 9.6	(MK)[OM401.972]	12.87- 09.96	110895	28 55	12.87- 09.96	110206	24 5.4
		12.87- 09.96	113920	28 35			
	(MK)[OM401.979]	12.87- 09.96	110895	28 55	12.87- 09.96	110206	24 5.4
		12.87- 09.96	113920	28 35			
	(MK)[OM401.993]	12.87- 09.96	110895	28 55	12.87- 09.96	110206	24 5.4
		12.87- 09.96	113920	28 35			
2432 11.9	(Actros MP2 / MP3)[OM541.970]	06.08-	113351	28 100			
		06.08-	115497	28 80 A49			
		06.08-	115557	28 100 A49			
	(Actros MP2 / MP3)[OM541.996]	06.08-	113351	28 100			
		06.08-	115497	28 80 A49			
		06.08-	115557	28 100 A49			
2433 11.0	(MK)[OM441.960]	12.87- 09.96	113920	28 35			
		05.89- 07.92	110895	28 55	12.87- 09.96	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
	(MK)[OM441.962]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	(MK)[OM441.981]	12.87- 09.96	113920	28 35			
		05.89- 07.92	110895	28 55	12.87- 09.96	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
	(MK)[OM441.983]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	(MK)[OM441.986]	12.87- 09.96	113920	28 35			
		05.89- 07.92	110895	28 55	12.87- 09.96	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
	(MK)[OM441.989]	12.87- 09.96	113920	28 35			
		05.89- 07.92	110895	28 55	12.87- 09.96	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
	(MK)[OM445.920]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	(MK)[OM445.939]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
2433 14.6	(NG)[OM422.954]	11.80- 03.91	112159	28 80	12.82- 11.91	110206	24 5.4
		06.85- 11.91	113920	28 35			
		11.86- 11.91	110895	28 55	05.83- 11.91	110210	24 6.6
	(NG)[OM422.957]	11.80- 03.91	112159	28 80	12.82- 11.91	110206	24 5.4
		06.85- 11.91	113920	28 35			
		11.86- 11.91	110895	28 55	05.83- 11.91	110210	24 6.6
2434 11.0	(MK)[OM441.960]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	(MK)[OM441.962]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			
	(MK)[OM441.981]	05.89- 07.92	110895	28 55	05.89- 07.92	110206	24 5.4
		05.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		05.89- 07.92	112159	28 80			
		03.91- 07.92	113920	28 35			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



	(MK)[OM441.983]	05.89-07.92	110895	28 55	05.89-07.92	110206	24 5.4
		05.89-02.91	110906	28 30	12.87-09.96	113855	24 5.4
		05.89-07.92	112159	28 80			
		03.91-07.92	113920	28 35			
	(MK)[OM441.986]	05.89-07.92	110895	28 55	05.89-07.92	110206	24 5.4
		05.89-02.91	110906	28 30	12.87-09.96	113855	24 5.4
		05.89-07.92	112159	28 80			
		03.91-07.92	113920	28 35			
	(SK)	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4
	(MK)[OM441.989]	05.89-07.92	110895	28 55	05.89-07.92	110206	24 5.4
		05.89-02.91	110906	28 30	12.87-09.96	113855	24 5.4
		05.89-07.92	112159	28 80			
	(SK)	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4
	(MK)[OM445.920]	05.89-07.92	110895	28 55	05.89-07.92	110206	24 5.4
		05.89-02.91	110906	28 30	12.87-09.96	113855	24 5.4
		05.89-07.92	112159	28 80			
	(MK)[OM445.939]	05.89-07.92	110895	28 55	05.89-07.92	110206	24 5.4
		05.89-02.91	110906	28 30	12.87-09.96	113855	24 5.4
		05.89-07.92	112159	28 80			
2435 14.6	(SK)[OM440.940]	07.88-08.94	110895	28 55	07.88-08.94	110206	24 5.4
		07.88-02.91	110906	28 30	07.88-08.94	113855	24 5.4
		10.88-08.94	112159	28 80			
		03.91-08.94	113920	28 35			
	(SK)[OM440.941]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4
	(SK)[OM440.942]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4
	(SK)[OM442.942]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4
	(SK)[OM442.943]	07.88-08.94	110895	28 55	07.88-08.94	110206	24 5.4
		07.88-02.91	110906	28 30	07.87-09.96	113855	24 5.4
		10.88-08.94	112159	28 80			
		03.91-08.94	113920	28 35			
	(SK)[OM442.944]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4
		07.88-08.94	110895	28 55	07.87-09.96	113855	24 5.4
		07.88-02.91	110906	28 30			
		10.88-08.94	112159	28 80			
	(SK)[OM442.962]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4
	(SK)[OM442.963]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4
		07.88-08.94	110895	28 55	07.87-09.96	113855	24 5.4
		07.88-02.91	110906	28 30			
		10.88-08.94	112159	28 80			
(SK)[OM442.964]	07.88-08.94	110895	28 55	07.88-08.94	110206	24 5.4	
	07.88-02.91	110906	28 30	07.87-09.96	113855	24 5.4	
	10.88-08.94	112159	28 80				
	03.91-08.94	113920	28 35				
(SK)[OM442.965]	07.88-08.94	110895	28 55	07.88-08.94	110206	24 5.4	
	07.88-02.91	110906	28 30	07.87-09.96	113855	24 5.4	
	10.88-08.94	112159	28 80				
	03.91-08.94	113920	28 35				
(SK)[OM442.966]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4	
(SK)[OM442.968]	07.88-08.94	110895	28 55	07.88-08.94	110206	24 5.4	
	07.88-02.91	110906	28 30	07.87-09.96	113855	24 5.4	
	10.88-08.94	112159	28 80				
	03.91-08.94	113920	28 35				
(SK)[OM442.971]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4	
(SK)[OM442.976]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4	
	07.88-08.94	110895	28 55	07.87-09.96	113855	24 5.4	
	07.88-02.91	110906	28 30				
	10.88-08.94	112159	28 80				
(SK)[OM442.978]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4	
2436 11.9	(Actros MP2 / MP3)[OM541.972]	06.08-	113351	28 100			
		06.08-	115497	28 80 A49			
		06.08-	115557	28 100 A49			
(Actros MP2 / MP3)[OM541.998]	06.08-	113351	28 100				
	06.08-	115497	28 80 A49				
	06.08-	115557	28 100 A49				
2438 14.6	(NG)[OM422.953]	06.85-12.86	113920	28 35	05.83-12.86	110210	24 6.6
		11.86-12.86	110895	28 55	01.81-12.86	110206	24 5.4
	(NG)[OM422.955]	11.80-06.90	113920	28 35	01.81-12.86	110206	24 5.4
		11.86-12.86	110895	28 55	05.83-12.86	110210	24 6.6
	(NG)[OM422.959]	11.80-06.90	113920	28 35	01.81-12.86	110206	24 5.4
11.86-12.86		110895	28 55	05.83-12.86	110210	24 6.6	
2440 12.0	(Axor 2)[OM457.948]	10.04-	113351	28 100			
		10.04-	115497	28 80 A49			
		10.04-	115557	28 100 A49			
	(Axor 2)[OM457.981]	10.04-	113351	28 100			
		10.04-	115497	28 80 A49			
		10.04-	115557	28 100 A49			
2441 11.9	(Actros MP2 / MP3)[OM541.974]	06.08-	113351	28 100			
		06.08-	115497	28 80 A49			
		06.08-	115557	28 100 A49			
	(Actros MP2 / MP3)[OM541.990]	06.08-	113351	28 100			
		06.08-	115497	28 80 A49			
2444 11.9	(Actros MP2 / MP3)[OM541.976]	06.08-	113351	28 100			
		06.08-	115497	28 80 A49			
		06.08-	115557	28 100 A49			
(Actros MP2 / MP3)[OM541.992]	06.08-	113351	28 100				
	06.08-	115497	28 80 A49				
	06.08-	115557	28 100 A49				
2444 14.6	(NG)[OM442.951]	08.73-09.96	113920	28 35	10.85-09.96	110206	24 5.4
		11.86-09.96	110895	28 55			
		11.86-02.91	110906	28 30			
	(NG)[OM442.953]	08.73-09.96	113920	28 35	03.91-09.96	110206	24 5.4
		11.86-09.96	110895	28 55			
		11.86-02.91	110906	28 30			



	(NG)[OM442.980]	08.73- 09.96 11.86- 09.96 11.86- 02.91	113920 110895 110906	28 35 28 55 28 30		10.85- 09.96	110206	24 5.4
2446 11.9	(Actros MP2 / MP3)[OM541.980]	06.08- 06.08- 06.08-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
	(Actros MP2 / MP3)[OM541.994]	06.08- 06.08- 06.08-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
2448 11.9	(Actros MP2 / MP3)[OM541.978]	06.08- 06.08- 06.08-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
2448 14.6	(SK)[OM442.984]	01.88- 07.92 07.88- 07.92 07.88- 01.92 03.91- 07.92	112159 110895 110906 113920	28 80 28 55 28 30 28 35		07.88- 07.92 07.87- 09.96	110206 113855	24 5.4 24 5.4
	(SK)[OM442.985]	07.88- 07.92 07.88- 02.91 07.88- 07.92 10.88- 07.92	110895 110906 113920 112159	28 55 28 30 28 35 28 80		07.87- 09.96	113855	24 5.4
	(SK)[OM442.989]	07.88- 07.92 07.88- 02.91 10.88- 07.92 03.91- 07.92	110895 110906 112159 113920	28 55 28 30 28 80 28 35		07.88- 07.92 07.87- 09.96	110206 113855	24 5.4 24 5.4
	(SK)[OM442.992]	07.88- 07.92	113920	28 35		07.88- 07.92	110206	24 5.4
2522 11.0	(MK)[OM441.905]	12.87- 09.96	113920	28 35				
2522 11.3	(MK)[OM441.920]	12.87- 09.96	113920	28 35				
2523 6.4	(Atego)[OM906.920]	05.98- 01.01 05.98- 01.01	112561 113448	28 80 28 100		05.98- 01.01 05.98- 09.04 05.98- 09.04	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Axor)	01.02- 01.02- 01.02- 10.04 01.02- 10.04	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		01.02- 10.04 01.02- 10.04	114523 115514 111982	24 4.0 24 4.0 A49 24 4.0
2524 11.0	(MK)[OM445.924]	12.87- 09.96	113920	28 35		01.94-	110206	24 5.4
	(MK)[OM445.938]	12.87- 09.96	113920	28 35				
	(MK)[OM445.941]	12.87- 09.96	113920	28 35				
2524 9.6	(MK)[OM401.973]	06.92- 06.92- 02.93- 09.96	110895 112159 113920	28 55 28 80 28 35		06.92- 12.87- 09.96	110206 113855	24 5.4 24 5.4
	(MK)[OM401.975]	12.87- 09.96 06.92- 06.92- 06.92-	113920 110895 112159	28 35 28 55 28 80		06.92- 06.92- 12.87- 09.96	110206 110210 113855	24 5.4 24 6.6 24 5.4
2527 11.0	(MK)[OM445.924]	01.94- 09.96	113920	28 35				
	(MK)[OM445.926]					12.87- 09.96	110206	24 5.4
	(MK)[OM445.927]					01.94-	110206	24 5.4
	(MK)[OM445.929]					01.94-	110206	24 5.4
	(MK)[OM445.936]	12.87- 09.96	113920	28 35		12.87- 09.96	110206	24 5.4
	(MK)[OM445.940]					01.94-	110206	24 5.4
2527 15.1	(MK)[OM442.914]	03.91- 08.94	113920	28 35		03.91- 08.94	110206	24 5.4
2527 9.6	(MK)[OM401.973]	12.87- 09.96 03.91- 03.91-	113920 110895 112159	28 35 28 55 28 80		12.87- 09.96 03.91- 09.96	110206 113855	24 5.4 24 5.4
	(MK)[OM401.975]	09.92- 09.92- 10.93- 09.96	110895 112159 113920	28 55 28 80 28 35		09.92- 09.92- 09.96	110206 113855	24 5.4 24 5.4
	(MK)[OM401.977]	12.87- 09.96 09.92- 09.92-	113920 110895 112159	28 35 28 55 28 80		12.87- 09.96 09.92- 09.96	110206 113855	24 5.4 24 5.4
	(MK)[OM401.978]	03.91- 03.91- 03.91- 08.94	110895 112159 113920	28 55 28 80 28 35		03.91- 03.91- 09.96	110206 113855	24 5.4 24 5.4
	(MK)[OM401.979]	09.92- 09.92- 10.93- 09.96	110895 112159 113920	28 55 28 80 28 35		09.92- 09.92- 09.96	110206 113855	24 5.4 24 5.4
	(MK)[OM401.980]	03.91- 03.91- 03.91- 09.96	110895 112159 113920	28 55 28 80 28 35		03.91- 03.91- 09.96	110206 113855	24 5.4 24 5.4
	(MK)[OM401.991]	12.87- 09.96	113920	28 35		12.87- 09.96	110206	24 5.4
2528 14.6	(NG)[OM422.907]	01.80- 03.91	113920	28 35				
	(NG)[OM422.911]	01.80- 03.91	113920	28 35				
	(NG)[OM422.913]	01.80- 03.91	113920	28 35				
	(NG)[OM422.916]	01.80- 03.91	113920	28 35				
2528 6.4	(Atego)[OM906.921]	05.98- 01.01 05.98- 01.01	112561 113448	28 80 28 100		05.98- 01.01 05.98- 09.04 05.98- 09.04	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Axor)	01.02- 01.02- 01.02- 10.04 01.02- 10.04	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		01.02- 10.04 01.02- 10.04	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	(Atego)[OM906.926]	05.98- 01.01 05.98- 01.01	112561 113448	28 80 28 100		05.98- 01.01 05.98- 09.04 05.98- 09.04	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
2531 11.0	(MK)[OM445.929]	12.87- 09.96	113920	28 35		12.87- 09.96	110206	24 5.4
	(SK)	07.87- 09.96	113920	28 35				
	(SK)[OM445.930]	07.87- 09.96	113920	28 35				
	(MK)[OM445.937]	12.87- 09.96	113920	28 35		12.87- 09.96	110206	24 5.4
	(SK)	07.87- 09.96	113920	28 35				
2531 11.9	(Actros)[OM541.920]	09.96- 01.01 09.96- 01.01 09.96- 01.01 09.96- 10.02 09.96- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		09.96- 10.02 09.96- 10.02 09.96- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

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	(Actros)[OM541.922]	09.96-	112561	28 80	09.96- 10.02	111771	24 6.2
		09.96-	113351	28 100	09.96- 10.02	113609	24 6.2
		09.96-	113448	28 100	09.96- 10.02	113851	24 7.5
		09.96- 10.02	115497	28 80 A49	09.96- 10.02	115885	24 7.5 A49
		09.96- 10.02	115557	28 100 A49			
	(Actros)[OM541.940]	09.96-	112561	28 80	09.96- 10.02	113851	24 7.5
		09.96-	113351	28 100			
		09.96-	113448	28 100			
		09.96- 10.02	115497	28 80 A49	09.96- 10.02	115885	24 7.5 A49
		09.96- 10.02	115557	28 100 A49	09.96- 10.02	111771	24 6.2
	(Actros)[OM541.942]	09.96-	112561	28 80	09.96- 10.02	111771	24 6.2
		09.96-	113351	28 100	09.96- 10.02	113609	24 6.2
		09.96-	113448	28 100	09.96- 10.02	113851	24 7.5
		09.96- 10.02	115497	28 80 A49	09.96- 10.02	115885	24 7.5 A49
		09.96- 10.02	115557	28 100 A49			
2531 9.6	(MK)[OM401.972]	12.87- 02.01	113920	28 35			
		12.90-	110895	28 55	12.87- 09.96	110206	24 5.4
		12.90- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.90-	112159	28 80			
	(MK)[OM401.979]	12.87- 02.01	113920	28 35			
		12.90-	110895	28 55	12.87- 09.96	110206	24 5.4
		12.90- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		12.90-	112159	28 80			
	(SK)	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	(SK)[OM401.986]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	(MK)[OM401.993]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
		12.90-	110895	28 55	12.87- 09.96	113855	24 5.4
		12.90- 02.91	110906	28 30			
		12.90-	112159	28 80			
	(SK)	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
2532 11.9	(Actros)[OM541.920]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	(Actros)[OM541.940]	04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	111771	24 6.2
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	(Actros)[OM541.970]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	(Actros)[OM541.996]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
04.03-		115557	28 100 A49	04.03-	115885	24 7.5 A49	
(Actros MP2 / MP3)	06.08-	113351	28 100				
(Actros MP2 / MP3)	06.08-	115497	28 80 A49				
(Actros MP2 / MP3)	06.08-	115557	28 100 A49				
2533 7.2	(Axor 2)[OM926.913]	10.04-	112561	28 80	10.04-	114523	24 4.0
		10.04-	113351	28 100	10.04-	114003	12 5.0
		10.04-	115497	28 80 A49	10.04-	114086	24 5.5
					10.04-	111982	24 4.0
					10.04-	115514	24 4.0 A49
	(Axor 2)[OM926.919]	10.04-	112561	28 80	10.04-	115896	24 5.5 A49
		10.04-	113351	28 100	10.04-	114523	24 4.0
		10.04-	115497	28 80	10.04-	114003	12 5.0
					10.04-	114086	24 5.5
					10.04-	111982	24 4.0
	(Axor 2)[OM926.921]	10.04-	112561	28 80	10.04-	115514	24 4.0 A49
		10.04-	113351	28 100	10.04-	115896	24 5.5 A49
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0
					10.04-	114003	12 5.0
					10.04-	114086	24 5.5
(Axor 2)[OM926.945]	10.04-	112561	28 80	10.04-	111982	24 4.0	
	10.04-	113351	28 100	10.04-	115514	24 4.0 A49	
	10.04-	115497	28 80 A49	10.04-	115896	24 5.5 A49	
				10.04-	114523	24 4.0	
				10.04-	114003	12 5.0	
(Axor 2)[OM926.990]	10.04-	112561	28 80	10.04-	114086	24 5.5	
	10.04-	113351	28 100	10.04-	111982	24 4.0	
	10.04-	115497	28 80 A49	10.04-	115514	24 4.0 A49	
				10.04-	115896	24 5.5 A49	
				10.04-	114523	24 4.0	
2534 11.0	(MK)[OM441.986]	01.91-	110895	28 55	01.91-	110206	24 5.4
		01.91- 02.91	110906	28 30	01.91-	110210	24 6.6
		01.91-	112159	28 80	12.87- 09.96	113855	24 5.4
		03.91- 02.01	113920	28 35			
	(SK)	07.87- 09.96	113920	28 35			
	(MK)[OM441.987]	01.91-	110895	28 55	01.91-	110206	24 5.4
		01.91- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		01.91-	112159	28 80			
		03.91- 01.01	113920	28 35			
	(MK)[OM441.989]	01.91-	110895	28 55	01.91-	110206	24 5.4
		01.91- 02.91	110906	28 30	01.91-	110210	24 6.6
		01.91-	112159	28 80	12.87- 09.96	113855	24 5.4
		03.91- 02.01	113920	28 35			
	(MK)[OM441.991]	01.91-	110895	28 55	01.91-	110206	24 5.4
		01.91- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
01.91-		112159	28 80				
03.91- 09.96		113920	28 35				

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	(SK)[OM441.996]	07.87- 09.96	113920	28 35					
	(MK)[OM445.920]	01.91-	110895	28 55		12.87- 09.96	110206	24 5.4	
		01.91- 02.91	110906	28 30		01.91-	110210	24 6.6	
		01.91-	112159	28 80		12.87- 09.96	113855	24 5.4	
		03.94- 01.01	113920	28 35					
	(SK)	07.87- 09.96	113920	28 35					
	(MK)[OM445.921]	01.91-	110895	28 55					
		01.91- 02.91	110906	28 30					
		01.91-	112159	28 80		01.91-	110206	24 5.4	
		01.94- 01.01	113920	28 35		12.87- 09.96	113855	24 5.4	
	(MK)[OM445.922]	01.91-	110895	28 55		01.91-	110206	24 5.4	
		01.91- 02.91	110906	28 30		12.87- 09.96	113855	24 5.4	
		01.91-	112159	28 80					
		01.94- 01.01	113920	28 35					
	(MK)[OM445.929]	12.87- 09.96	113920	28 35		12.87- 09.96	110206	24 5.4	
	(SK)[OM445.930]	07.87- 09.96	113920	28 35					
	(SK)[OM445.939]	07.87- 09.96	113920	28 35					
2535 11.9	(Actros)[OM541.922]	09.96- 01.01	112561	28 80		09.96- 10.02	111771	24 6.2	
		09.96- 01.01	113351	28 100		09.96- 10.02	113609	24 6.2	
		09.96- 01.01	113448	28 100		09.96- 10.02	113851	24 7.5	
		09.96- 10.02	115497	28 80 A49		09.96- 10.02	115885	24 7.5 A49	
		09.96- 10.02	115557	28 100 A49					
	(Actros)[OM541.942]	09.96- 10.02	115497	28 80 A49		09.96- 10.02	115885	24 7.5 A49	
		09.96- 10.02	115557	28 100 A49					
2535 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100					
		10.04-	115497	28 80 A49					
		10.04-	115557	28 100 A49					
	(Axor 2)[OM457.948]	10.04-	113351	28 100					
		10.04-	115497	28 80 A49					
		10.04-	115557	28 100 A49					
	(Axor 2)[OM457.980]	10.04-	113351	28 100					
		10.04-	115497	28 80 A49					
		10.04-	115557	28 100 A49					
2536 11.9	(Actros)[OM541.922]	04.03-	112561	28 80		04.03-	111771	24 6.2	
		04.03-	113351	28 100		04.03-	113609	24 6.2	
		04.03-	113448	28 100		04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
		04.03-	115557	28 100 A49					
	(Actros)[OM541.942]	04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	113448	28 100		04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49		04.03-	113609	24 6.2	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49	
	(Actros)[OM541.943]	04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	113448	28 100		04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49		04.03-	113609	24 6.2	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49	
	(Actros)[OM541.972]	04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	113448	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49	
	(Actros)[OM541.998]	04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	113448	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49	
	(Actros MP2 / MP3)	06.08-	113351	28 100					
	(Actros MP2 / MP3)	06.08-	115497	28 80 A49					
	(Actros MP2 / MP3)	06.08-	115557	28 100 A49					
2536 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100					
		10.04-	115497	28 80 A49					
		10.04-	115557	28 100 A49					
	(Axor 2)[OM457.948]	10.04-	113351	28 100					
		10.04-	115497	28 80 A49					
		10.04-	115557	28 100 A49					
	(Axor 2)[OM457.980]	10.04-	113351	28 100					
		10.04-	115497	28 80 A49					
		10.04-	115557	28 100 A49					
2536 14.6	(NG)[OM442.950]	10.81- 03.91	113920	28 35					
	(NG)[OM442.952]	10.81- 03.91	113920	28 35					
	(NG)[OM442.962]	10.81- 03.91	113920	28 35					
2536 18.3	(NG)[OM423.905]	10.81- 03.91	113920	28 35					
	(NG)[OM423.907]	10.81- 03.91	113920	28 35					
2538 12.8	(SK)[OM402.971]	03.91-	110895	28 55		03.91-	110210	24 6.6	
		03.91- 09.96	113920	28 35		03.91-	110206	24 5.4	
						07.87- 09.96	113855	24 5.4	
	(SK)[OM402.972]	03.91-	110895	28 55		03.91-	110210	24 6.6	
		03.91-	110906	28 30		07.87- 09.96	113855	24 5.4	
		03.91- 09.96	113920	28 35		03.91-	110206	24 5.4	
	(SK)[OM402.975]	03.91-	110895	28 55		03.91-	110210	24 6.6	
		03.91- 08.96	113920	28 35		03.91-	110206	24 5.4	
						07.87- 09.96	113855	24 5.4	
	(SK)[OM402.985]	03.91-	110895	28 55		03.91-	110210	24 6.6	
		03.91- 08.96	113920	28 35		03.91-	110206	24 5.4	
						07.87- 09.96	113855	24 5.4	
	(SK)[OM402.986]	03.91-	110895	28 55		03.91-	110210	24 6.6	
		03.91- 02.01	113920	28 35		03.91-	110206	24 5.4	
						07.87- 09.96	113855	24 5.4	
	(SK)[OM402.989]	03.91-	110895	28 55		03.91-	110210	24 6.6	
		03.91-	110906	28 30		07.87- 09.96	113855	24 5.4	
		03.91- 08.96	113920	28 35		03.91-	110206	24 5.4	
	(SK)[OM402.990]	03.91- 08.96	113920	28 35		03.91-	110206	24 5.4	
2538 14.6	(SK)[OM440.970]	03.91-	112159	28 80		03.91-	110210	24 6.6	
		03.91- 09.96	113920	28 35		03.91-	110206	24 5.4	
	(SK)[OM440.971]	03.91- 09.96	113920	28 35		03.91-	110206	24 5.4	
						03.91-	110210	24 6.6	
	(SK)[OM440.978]	03.91-	112159	28 80		03.91-	110210	24 6.6	
		03.91- 02.01	113920	28 35		03.91-	110206	24 5.4	

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O.E.M. names and numbers are used for reference purposes only.



	(SK)[OM440.980]	03.91-	112159	28 80	03.91-	110210	24 6.6	
		03.91- 09.96	113920	28 35	03.91-	110206	24 5.4	
	(SK)[OM440.981]	03.91- 09.96	113920	28 35	03.91-	110206	24 5.4	
					03.91-	110210	24 6.6	
	(SK)[OM442.989]	03.91- 08.96	113920	28 35	03.91-	110206	24 5.4	
					03.91-	110210	24 6.6	
	(SK)[OM442.997]	03.91- 09.96	113920	28 35	03.91-	110206	24 5.4	
					03.91-	110210	24 6.6	
	(SK)[OM446.924]	01.94-	112159	28 80	01.94-	110206	24 5.4	
	(SK)[OM446.925]	01.94-	112159	28 80	01.94-	110206	24 5.4	
	(SK)[OM446.928]	01.94-	112159	28 80	01.94-	110206	24 5.4	
	(SK)[OM446.929]	01.94-	112159	28 80	01.94-	110206	24 5.4	
	(SK)[OM446.942]	03.91-	112159	28 80	03.91-	110206	24 5.4	
	(SK)[OM446.948]	03.91-	112159	28 80	03.91-	110206	24 5.4	
2540 11.9	(Actros)[OM541.923]	09.96- 01.01	112561	28 80	09.96- 10.02	111771	24 6.2	
		09.96- 01.01	113351	28 100	09.96- 10.02	113851	24 7.5	A49
		09.96- 01.01	113448	28 100	09.96- 10.02	115885	24 7.5	A49
		09.96- 10.02	115497	28 80 A49	09.96- 10.02	113609	24 6.2	
		09.96- 10.02	115557	28 100 A49				
	(Actros)[OM541.944]	09.96-	112561	28 80	09.96- 10.02	113609	24 6.2	
		09.96-	113351	28 100	09.96- 10.02	113851	24 7.5	
		09.96-	113448	28 100				
		09.96- 10.02	115497	28 80 A49	09.96- 10.02	115885	24 7.5	A49
		09.96- 10.02	115557	28 100 A49	09.96- 10.02	111771	24 6.2	
2540 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
	(Axor 2)[OM457.948]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
	(Axor 2)[OM457.980]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
	(Axor 2)[OM457.981]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
2541 11.9	(Actros)[OM541.923]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	113448	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5	A49
	(Actros)[OM541.944]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	113448	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5	A49
	(Actros)[OM541.974]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	113448	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5	A49
	(Actros MP2 / MP3)	06.08-	112561	28 80				
	(Actros)[OM541.990]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	113448	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5	A49
2543 11.9	(Actros)[OM541.925]	09.96- 01.01	112561	28 80	09.96- 10.02	111771	24 6.2	
		09.96- 01.01	113351	28 100	09.96- 10.02	113609	24 6.2	
		09.96- 01.01	113448	28 100	09.96- 10.02	113851	24 7.5	
		09.96- 10.02	115497	28 80 A49	09.96- 10.02	115885	24 7.5	A49
		09.96- 10.02	115557	28 100 A49				
	(Actros)[OM541.946]	09.96-	112561	28 80	09.96- 10.02	113609	24 6.2	
		09.96-	113351	28 100	09.96- 10.02	113851	24 7.5	
		09.96-	113448	28 100				
		09.96- 10.02	115497	28 80 A49	09.96- 10.02	115885	24 7.5	A49
		09.96- 10.02	115557	28 100 A49	09.96- 10.02	111771	24 6.2	
2543 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
	(Axor 2)[OM457.948]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
	(Axor 2)[OM457.980]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
2544 11.9	(Actros)[OM541.925]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	113448	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5	A49
	(Actros)[OM541.946]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	113448	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5	A49
	(Actros)[OM541.976]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	113448	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5	A49
	(Actros MP2 / MP3)	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
	(Actros)[OM541.992]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	113448	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5	A49
2544 14.6	(SK)[OM440.970]	07.88- 09.96	113920	28 35	01.92- 09.96	110206	24 5.4	
		01.92-	112159	28 80	01.92-	110210	24 6.6	
	(SK)[OM440.972]	01.92- 09.96	110895	28 55	01.92- 09.96	110206	24 5.4	
		01.92-	112159	28 80				
		01.92- 09.96	113920	28 35				



	(SK)[OM440.978]	01.92- 09.96	113920	28 35		01.92- 01.92- 09.96	110210 110206	24 24	6.6 5.4
	(SK)[OM446.922]	01.92- 09.96	113920	28 35		01.92- 09.96	110206	24	5.4
		01.94-	112159	28 80		01.92-	110210	24	6.6
	(SK)[OM446.942]					01.92- 09.96	110206	24	5.4
						01.92-	110210	24	6.6
2546 11.9	(Actros)[OM541.948]	04.03- 04.03- 04.03-	113351 115497 115557	28 28 28	100 80 A49 100 A49		113851 113609 115885	24 24 24	7.5 6.2 7.5 A49
	(Actros)[OM541.980]	04.03- 04.03- 04.03-	113351 115497 115557	28 28 28	100 80 A49 100 A49		113609 115885 113851	24 24 24	6.2 7.5 A49 7.5
	(Actros)[OM541.994]	04.03- 04.03- 04.03-	113351 115497 115557	28 28 28	100 80 A49 100 A49		113609 113851 115885	24 24 24	6.2 7.5 A49 7.5
	(Actros MP2 / MP3)	06.08-	113351	28	100				
	(Actros MP2 / MP3)	06.08-	115497	28	80 A49				
	(Actros MP2 / MP3)	06.08-	115557	28	100 A49				
2548 11.9	(Actros)[OM541.948]	04.03-	115497	28	80 A49	04.03- 04.03- 04.03-	113609 113851 115885	24 24 24	6.2 7.5 A49 6.2
	(Actros MP2 / MP3)	04.03- 04.03- 04.03-	113351 115497 115557	28 28 28	100 80 A49 100 A49	04.03-	113609	24	6.2
	(Actros)[OM541.978]	04.03- 04.03-	115497 113351	28 28	80 A49 100	04.03-	115885	24	7.5 A49
	(Actros MP2 / MP3)	04.03- 04.03- 04.03-	115497 115557	28 28 28	80 A49 100 A49	04.03-	113609	24	6.2
	(Actros MP2 / MP3)	06.08-	113351	28	100				
	(Actros MP2 / MP3)	06.08-	115497	28	80 A49				
	(Actros MP2 / MP3)	06.08-	115557	28	100 A49				
2548 15.9	(Actros)[OM542.921]	09.96- 01.01 09.96- 01.01 09.96- 01.01 09.96- 10.02 09.96- 10.02	112561 113351 113448 115497 115557	28 28 28 28 28	80 100 100 80 A49 100 A49	09.96- 10.02 09.96- 10.02 09.96- 10.02 09.96- 10.02 09.96- 10.02	111771 113609 113851 115885	24 24 24 24	6.2 6.2 7.5 A49 7.5
	(Actros)[OM542.940]	09.96- 01.01 09.96- 01.01 09.96- 01.01 09.96- 10.02 09.96- 10.02	112561 113351 113448 115497 115557	28 28 28 28 28	80 100 100 80 A49 100 A49	09.96- 10.02 09.96- 10.02 09.96- 10.02 09.96- 10.02 09.96- 10.02	111771 113609 113851 115885	24 24 24 24	6.2 6.2 7.5 A49 7.5
2550 14.6	(SK)[OM440.971]	01.91- 09.96	113920	28 35		01.91- 09.96	110206	24	5.4
	(SK)[OM440.973]	01.91- 09.96	113920	28 35		01.91- 01.91-	110210 110206	24 24	6.6 5.4
	(SK)[OM440.981]	07.87- 09.96	113920	28 35					
	(SK)[OM440.998]	01.91- 09.96 01.91- 09.96 07.91- 07.91- 09.96	111629 111833 116063 110895 113920	28 28 28 28 28	120 140 w/ bushing in rear brackethole 140 w/o bushing in rear brackethole 55 35	01.91- 01.91- 09.96	110210	24	6.6 5.4
	(SK)[OM442.989]	07.87- 09.96	113920	28 35		01.91- 09.96 01.91-	110206 110210	24 24	5.4 6.6
	(SK)[OM442.997]	07.87- 09.96 01.91- 01.91-	113920 110895 112159	28 28 28	35 55 80	07.87- 09.96 01.91-	110206 110210	24 24	5.4 6.6
	(SK)[OM442.998]	06.91- 07.91- 07.91- 08.96	112159 110895 113920	28 28 28	80 55 35	07.87- 09.96	110206	24	5.4
	(SK)[OM446.920]	01.94-	112159	28 80		01.94- 01.91-	110206 110210	24 24	5.4 6.6
2550 15.9	(Actros MP2 / MP3)[OM542.940]	04.03- 04.03-	112561 113448	28 28	80 100				
2551 15.9	(Actros MP2 / MP3)[OM542.960]	04.03- 04.03- 04.03-	113351 115497 115557	28 28 28	100 80 A49 100 A49				
2551 16.0	(Actros)[OM542.960]	04.03-	115497	28 80	A49	04.03- 04.03- 04.03-	113609 113851 115885	24 24 24	6.2 7.5 A49 7.5
2553 14.6	(SK)[OM446.920]	01.96-	112159	28 80		01.96-	110206	24	5.4
2553 15.9	(Actros)[OM542.920]	09.96- 01.01 09.96- 01.01 09.96- 01.01 09.96- 10.02 09.96- 10.02	112561 113351 113448 115497 115557	28 28 28 28 28	80 100 100 80 A49 100 A49	09.96- 10.02 09.96- 10.02 09.96- 10.02 09.96- 10.02 09.96- 10.02	111771 113609 113851 115885	24 24 24 24	6.2 6.2 7.5 A49 7.5
	(Actros)[OM542.942]	09.96- 10.02 09.96- 10.02	115497 115557	28 28	80 A49 100 A49	09.96- 10.02	115885	24	7.5 A49
2554 15.9	(Actros MP2 / MP3)[OM542.942]	04.03-	113448	28 100					
2555 15.9	(Actros MP2 / MP3)[OM542.962]	04.03- 04.03- 04.03-	113351 115497 115557	28 28 28	100 80 A49 100 A49				
2555 16.0	(Actros)[OM542.962]	09.05-	115497	28 80	A49	09.05- 09.05- 09.05-	113609 113851 115885	24 24 24	6.2 7.5 A49 7.5
2557 15.9	(Actros)[OM542.922]	09.96- 09.96- 09.96- 09.96- 10.02 09.96- 10.02	112561 113351 113448 115497 115557	28 28 28 28 28	80 100 100 80 A49 100 A49	09.96- 10.02 09.96- 10.02 09.96- 10.02 09.96- 10.02 09.96- 10.02	111771 113609 113851 115885	24 24 24 24	6.2 6.2 7.5 A49 7.5
2558 15.9	(Actros MP2 / MP3)[OM542.944]	04.03-	113448	28 100					
2560 15.9	(Actros MP2 / MP3)[OM542.964]	04.03- 04.03- 04.03-	113351 115497 115557	28 28 28	100 80 A49 100 A49				

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**MERCEDES-BENZ** *Continued*

2626 12.8	(NG)[OM402.906]	03.78- 12.81	110113	28 27	03.77- 12.81	110206	24 5.4
					08.73- 02.77	110210	24 6.6
					08.73- 12.81	112120	24 6.6
					08.73- 12.81	113855	24 5.4
	(NG)[OM402.912]	03.78- 12.81	110113	28 27	03.77- 12.81	110206	24 5.4
					08.73- 02.77	110210	24 6.6
					08.73- 12.81	112120	24 6.6
					08.73- 12.81	113855	24 5.4
	(NG)[OM402.916]	03.78- 03.81	110113	28 27	03.77- 03.81	110206	24 5.4
					06.75- 02.77	110210	24 6.6
					06.75- 03.81	112120	24 6.6
					06.75- 03.81	113855	24 5.4
(NG)[OM402.926]	03.78- 12.80	110113	28 27	03.77- 12.80	110206	24 5.4	
				05.74- 02.77	110210	24 6.6	
				05.74- 12.80	112120	24 6.6	
				05.74- 12.80	113855	24 5.4	
2628 14.6	(NG)[OM422.905]	02.80- 10.86	110113	28 27	02.80- 03.91	110206	24 5.4
		11.86- 03.91	110895	28 55	05.83- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	02.80- 03.91	112120	24 6.6
					02.80- 03.91	113855	24 5.4
	(NG)[OM422.907]	02.80- 10.86	110113	28 27	02.80- 03.91	110206	24 5.4
		11.86- 03.91	110895	28 55	05.83- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	02.80- 03.91	112120	24 6.6
					02.80- 03.91	113855	24 5.4
	(NG)[OM422.911]	02.80- 10.86	110113	28 27	02.80- 03.91	110206	24 5.4
		11.86- 03.91	110895	28 55	05.83- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	02.80- 03.91	112120	24 6.6
					02.80- 03.91	113855	24 5.4
(NG)[OM422.913]	02.80- 10.86	110113	28 27	02.80- 03.91	110206	24 5.4	
	11.86- 03.91	110895	28 55	05.83- 03.91	110210	24 6.6	
	11.86- 03.91	110906	28 30	02.80- 03.91	112120	24 6.6	
				02.80- 03.91	113855	24 5.4	
2628 18.3	(NG)[OM443.940]	01.90- 03.91	110895	28 55	01.90- 03.91	110210	24 6.6
		01.90- 03.91	110906	28 30	01.90- 03.91	112120	24 6.6
					01.90- 03.91	113855	24 5.4
2628 6.4	(Axor)[OM902.915]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
	(Atego)[OM906.921]	05.98- 01.01	112561	28 80	05.98- 01.01	111982	24 4.0
		05.98- 01.01	113448	28 100	05.98- 09.04	114523	24 4.0
					05.98- 09.04	115514	24 4.0 A49
					05.98- 09.04	115801	24 4.0
	(Axor)	01.02-	113351	28 100	01.02- 09.06	115514	24 4.0 A49
		01.02-	113448	28 100	01.02-	111982	24 4.0
		01.02- 08.06	115497	28 80 A49	01.02- 10.04	114523	24 4.0
		01.02- 10.04	115557	28 100 A49			
	(Axor)[OM906.926]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
(Econic)[OM906.941]	03.98- 01.01	112561	28 80	03.98- 01.01	111982	24 4.0	
	03.98- 01.01	113448	28 100	01.98-	114523	24 4.0	
				01.98- 03.01	115514	24 4.0 A49	
				01.98-	115801	24 4.0	
(Econic)[OM906.952]	03.98-	112561	28 80	03.98-	111982	24 4.0	
	03.98-	113448	28 100	01.98-	114523	24 4.0	
				01.98- 03.01	115514	24 4.0 A49	
				01.98-	115801	24 4.0	
2628 6.9	(Econic)[M906.900]	10.00-	112561	28 80	10.00-	111982	24 4.0
		10.00-	113351	28 100	10.00-	114523	24 4.0
		10.00-	113448	28 100	10.00-	115514	24 4.0 A49
		10.00-	115497	28 80 A49			
		10.00-	115557	28 100 A49			
2629 12.8	(SK)[OM402.982]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
2629 14.6	(SK)[OM440.970]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
	(SK)[OM440.971]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
	(SK)[OM442.942]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
	(SK)[OM442.959]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
	(SK)[OM442.966]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
	(SK)[OM442.989]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
	(SK)[OM442.997]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
	2629 15.1	(SK)[OM442.906]	07.88- 08.94	112159	28 80	07.88- 08.94	110206
		07.88- 08.94	113920	28 35			
(SK)[OM442.907]		07.88- 08.94	112159	28 80	07.88- 08.94	110206	24 5.4
		07.88- 08.94	113920	28 35			
(SK)[OM442.917]		07.88- 08.94	112159	28 80	07.88- 08.94	110206	24 5.4
		07.88- 08.94	113920	28 35			
(SK)[OM442.925]		07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
(SK)[OM442.926]		07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
	10.88- 08.94	112159	28 80				
	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4	
2629 18.3	(SK)[OM443.940]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
2629 4.1	(SK)[OM442.906]	07.88- 08.94	113920	28 35			
		10.88- 08.94	112159	28 80	07.88- 08.94	110206	24 5.4
2629 6.4	(Axor)[OM902.915]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
	(Axor)[OM906.921]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
	(Axor)[OM906.926]	10.04-	115497	28 80 A49	10.04-	114523	24 4.0
				10.04-	115514	24 4.0 A49	
2629 9.6	(SK)[OM401.979]				07.88- 08.94	110206	24 5.4
2631 11.0	(SK)[OM441.998]	07.88- 09.96	113920	28 35	06.92-	110206	24 5.4
					06.92-	110210	24 6.6
	(SK)[OM445.920]	06.92- 09.96	113920	28 35	01.94-	110206	24 5.4
					06.92-	110210	24 6.6
	(SK)[OM445.929]	07.88- 09.96	113920	28 35	01.94-	110206	24 5.4
					06.92-	110210	24 6.6
	(SK)[OM445.930]	06.92- 09.96	113920	28 35	01.94-	110206	24 5.4
					06.92-	110210	24 6.6

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	(SK)[OM445.931]	06.92- 09.96	113920	28 35		06.92- 110206	24 5.4	
						06.92- 110210	24 6.6	
2631 11.9	(Actros)[OM541.920]	04.96- 10.02	115497	28 80 A49		04.96- 10.02	115885	24 7.5 A49
		04.97- 112561	28 80			04.97- 10.02	111771	24 6.2
		04.97- 113351	28 100			04.96- 10.02	113609	24 6.2
		04.97- 113448	28 100			04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49				
	(Actros)[OM541.940]	04.97- 112561	28 80			04.97- 10.02	111771	24 6.2
		04.97- 113351	28 100			04.97- 10.02	113609	24 6.2
		04.97- 113448	28 100			04.97- 10.02	113851	24 7.5
		04.97- 10.02	115497	28 80 A49		04.97- 10.02	115885	24 7.5 A49
		04.97- 10.02	115557	28 100 A49				
2631 9.6	(SK)[OM401.972]	06.92- 112159	28 80			06.92- 110206	24 5.4	
		06.92- 09.96	113920	28 35		06.92- 110210	24 6.6	
	(SK)[OM401.979]	07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4
						06.92- 110210	24 6.6	
	(SK)[OM401.981]	06.92- 112159	28 80			06.92- 110206	24 5.4	
		06.92- 09.96	113920	28 35		06.92- 110210	24 6.6	
	(SK)[OM401.986]	06.92- 112159	28 80			06.92- 110206	24 5.4	
		06.92- 08.96	113920	28 35		06.92- 110210	24 6.6	
	(SK)[OM401.987]	06.92- 09.96	110895	28 55		06.92- 110206	24 5.4	
		06.92- 09.96	112159	28 80		06.92- 110210	24 6.6	
		06.92- 09.96	113920	28 35				
	(SK)[OM401.993]	06.92- 09.96	113920	28 35		06.92- 110206	24 5.4	
						06.92- 110210	24 6.6	
2632 11.9	(Actros)[OM541.940]	04.03- 112561	28 80			04.03- 113851	24 7.5	
		04.03- 113351	28 100			04.03- 111771	24 6.2	
		04.03- 113448	28 100			04.03- 115885	24 7.5 A49	
		04.03- 115497	28 80 A49			04.03- 113609	24 6.2	
		04.03- 115557	28 100 A49					
	(Actros)[OM541.970]	04.03- 112561	28 80			04.03- 113851	24 7.5	
		04.03- 113351	28 100			04.03- 111771	24 6.2	
		04.03- 113448	28 100			04.03- 115885	24 7.5 A49	
		04.03- 115497	28 80 A49			04.03- 113609	24 6.2	
		04.03- 115557	28 100 A49					
	(Actros)[OM541.996]	04.03- 112561	28 80			04.03- 113851	24 7.5	
		04.03- 113351	28 100			04.03- 111771	24 6.2	
		04.03- 113448	28 100			04.03- 115885	24 7.5 A49	
		04.03- 115497	28 80 A49			04.03- 113609	24 6.2	
		04.03- 115557	28 100 A49					
2632 15.9	(NG)[OM403.916]	03.78- 09.83	110113	28 27		08.73- 09.83	110210	24 6.6
						08.73- 09.83	112120	24 6.6
						08.73- 09.83	113855	24 5.4
	(NG)[OM403.931]	03.78- 09.83	110113	28 27		08.73- 09.83	110210	24 6.6
						08.73- 09.83	112120	24 6.6
						08.73- 09.83	113855	24 5.4
	(NG)[OM403.932]	03.78- 09.83	110113	28 27		05.74- 09.83	110210	24 6.6
						05.74- 09.83	112120	24 6.6
						05.74- 09.83	113855	24 5.4
	(NG)[OM403.935]	03.78- 09.83	110113	28 27		08.73- 09.83	110210	24 6.6
						08.73- 09.83	112120	24 6.6
						08.73- 09.83	113855	24 5.4
2633 14.6	(NG)[OM422.952]	05.82- 10.86	110113	28 27		05.82- 05.87	110210	24 6.6
		11.86- 05.87	110895	28 55		05.82- 05.87	112120	24 6.6
		11.86- 05.87	110906	28 30		05.82- 05.87	113855	24 5.4
	(NG)[OM422.954]	05.82- 10.86	110113	28 27		05.82- 05.87	110210	24 6.6
		11.86- 05.87	110895	28 55		05.82- 05.87	112120	24 6.6
		11.86- 05.87	110906	28 30		05.82- 05.87	113855	24 5.4
	(NG)[OM422.956]	05.82- 10.87	110113	28 27		05.82- 05.87	110210	24 6.6
		11.86- 05.87	110895	28 55		05.82- 05.87	112120	24 6.6
		11.86- 05.87	110906	28 30		05.82- 05.87	113855	24 5.4
2633 6.4	(Econic)						111982	24 4.0
	(Econic)						114523	24 4.0
	(Econic)					03.00- 115514	24 4.0 A49	
2633 7.2	(Axor)[OM926.913]	10.04- 08.06	115497	28 80 A49		10.04- 114523	24 4.0	
						10.04- 08.06	115514	24 4.0 A49
	(Axor 2)	10.04- 113448	28 100					
	(Axor 2)[OM926.919]	10.04- 113448	28 100					
	(Econic)[OM926.921]	10.01- 113351	28 100			10.01- 111982	24 4.0	
		10.01- 115497	28 80 A49			10.01- 114523	24 4.0	
		10.01- 115557	28 100 A49			10.01- 115514	24 4.0 A49	
	(Econic)[OM926.934]	10.01- 113351	28 100			10.01- 111982	24 4.0	
		10.01- 115497	28 80 A49			10.01- 114523	24 4.0	
		10.01- 115557	28 100 A49			10.01- 115514	24 4.0 A49	
	(Axor 2)[OM926.945]	10.04- 113448	28 100					
2634 11.0	(SK)[OM441.986]	06.92- 09.96	113920	28 35		06.92- 09.96	110206	24 5.4
2634 9.6	(SK)[OM401.986]	06.92- 08.96	113920	28 35				
2635 11.9	(Actros)[OM541.922]	04.96- 10.02	115497	28 80 A49		04.96- 10.02	115885	24 7.5 A49
		04.97- 112561	28 80			04.97- 10.02	111771	24 6.2
		04.97- 113351	28 100			04.96- 10.02	113609	24 6.2
		04.97- 113448	28 100			04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49				
	(Actros)[OM541.942]	04.97- 112561	28 80			04.97- 10.02	111771	24 6.2
		04.97- 113351	28 100			04.97- 10.02	113609	24 6.2
		04.97- 113448	28 100			04.97- 10.02	113851	24 7.5
		04.97- 10.02	115497	28 80 A49		04.97- 10.02	115885	24 7.5 A49
		04.97- 10.02	115557	28 100 A49				
2635 12.8	(SK)[OM402.971]	01.91- 08.94	113920	28 35		01.91- 08.94	110206	24 5.4
2635 14.6	(SK)[OM440.940]	07.88- 08.94	112159	28 80		07.88- 08.94	110206	24 5.4
		03.91- 08.94	113920	28 35				
	(SK)[OM440.941]	03.91- 08.94	113920	28 35		02.90- 08.94	110206	24 5.4
	(SK)[OM440.942]	03.91- 08.94	113920	28 35		02.90- 08.94	110206	24 5.4
	(SK)[OM440.970]	07.91- 08.94	113920	28 35		07.91- 08.94	110206	24 5.4
	(SK)[OM440.971]	12.91- 08.94	113920	28 35		02.90- 08.94	110206	24 5.4
	(SK)[OM440.973]	12.91- 08.94	113920	28 35		02.90- 08.94	110206	24 5.4

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	(SK)[OM442.942]	02.90-08.94	112159	28 80		02.90-08.94	110206	24 5.4	
		02.90-08.94	113920	28 35					
	(SK)[OM442.944]	07.88-08.94	113920	28 35					
		10.88-08.94	112159	28 80		07.88-08.94	110206	24 5.4	
	(NG)[OM442.950]	04.86-10.86	110113	28 27		04.86-03.91	110206	24 5.4	
		11.86-03.91	110895	28 55		04.86-03.91	113855	24 5.4	
		11.86-03.91	110906	28 30					
	(NG)[OM442.952]	04.86-10.86	110113	28 27		04.86-03.91	110206	24 5.4	
		11.86-03.91	110895	28 55		04.86-03.91	113855	24 5.4	
		11.86-03.91	110906	28 30					
	(NG)[OM442.962]	09.87-03.91	113920	28 35					
		10.88-03.91	112159	28 80		09.87-03.91	110206	24 5.4	
	(SK)[OM442.964]	07.88-08.94	113920	28 35					
		10.88-08.94	112159	28 80		07.88-08.94	110206	24 5.4	
	(SK)[OM442.966]	07.88-08.94	113920	28 35					
		10.88-08.94	112159	28 80		07.88-08.94	110206	24 5.4	
	(SK)[OM442.972]	02.90-08.94	112159	28 80		02.90-08.94	110206	24 5.4	
		02.90-08.94	113920	28 35					
	(SK)[OM442.976]	07.88-08.94	110895	28 55					
		07.88-08.94	113920	28 35					
		10.88-08.94	112159	28 80					
	(SK)[OM442.989]	07.88-09.96	113920	28 35		07.88-08.94	110206	24 5.4	
	(SK)[OM442.994]	07.88-08.94	113920	28 35		07.88-08.94	110206	24 5.4	
	(SK)[OM442.997]	07.88-08.94	113920	28 35		07.88-08.94	110206	24 5.4	
2635 15.1	(SK)[OM442.909]	07.88-08.94	113920	28 35		07.88-08.94	110206	24 5.4	
	(SK)[OM442.923]	07.88-08.94	113920	28 35		07.88-08.94	110206	24 5.4	
2636 11.9	(Actros)[OM541.942]	04.03-	112561	28 80		04.03-	113851	24 7.5	
		04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	113448	28 100		04.03-	115885	24 7.5	A49
		04.03-	115497	28 80 A49		04.03-	113609	24 6.2	
		04.03-	115557	28 100 A49					
	(Actros)[OM541.972]	04.03-	112561	28 80		04.03-	111771	24 6.2	
		04.03-	113351	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5	A49
	(Actros)[OM541.998]	04.03-	112561	28 80		04.03-	115885	24 7.5	A49
		04.03-	113351	28 100		04.03-	113609	24 6.2	
		04.03-	113448	28 100		04.03-	111771	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49					
2636 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100		10.04-	113851	24 7.5	
		10.04-	115497	28 80 A49		10.04-	115885	24 7.5	A49
		10.04-	115557	28 100 A49		10.04-	113609	24 6.2	
	(Axor 2)[OM457.948]	10.04-	113351	28 100		10.04-	113609	24 6.2	
		10.04-	115497	28 80 A49		10.04-	113851	24 7.5	
						10.04-	115885	24 7.5	A49
2636 18.3	(NG)[OM423.905]	11.81-10.86	110113	28 27		11.81-03.91	110210	24 6.6	
		11.86-03.91	110895	28 55		11.81-03.91	112120	24 6.6	
		11.86-03.91	110906	28 30		11.81-03.91	113855	24 5.4	
	(NG)[OM423.907]	11.81-10.86	110113	28 27		11.81-03.91	110210	24 6.6	
		11.86-03.91	110895	28 55		11.81-03.91	112120	24 6.6	
		11.86-03.91	110906	28 30		11.81-03.91	113855	24 5.4	
	(NG)[OM443.940]	11.81-10.86	110113	28 27		11.81-03.91	110210	24 6.6	
		11.86-03.91	110895	28 55		11.81-03.91	112120	24 6.6	
		11.86-03.91	110906	28 30					
2638 12.8	(SK)[OM402.971]	09.91-	110895	28 55					
		09.91-	112159	28 80		09.91-	110206	24 5.4	
		09.91-08.96	113920	28 35					
	(SK)[OM402.972]	09.91-	110895	28 55					
		09.91-	112159	28 80		09.91-	110206	24 5.4	
		09.91-08.96	113920	28 35					
	(SK)[OM402.975]	09.91-09.96	110895	28 55		09.91-09.96	110206	24 5.4	
		09.91-09.96	112159	28 80					
		09.91-09.96	113920	28 35					
	(SK)[OM402.978]	09.91-09.96	110895	28 55		09.91-09.96	110206	24 5.4	
		09.91-09.96	112159	28 80					
		09.91-09.96	113920	28 35					
	(SK)[OM402.985]	03.91-	110895	28 55					
		03.91-09.96	113920	28 35		09.91-	110206	24 5.4	
	(SK)[OM402.986]	03.91-	110895	28 55					
		03.91-09.96	113920	28 35		09.91-	110206	24 5.4	
	(SK)[OM402.996]	09.91-09.96	110895	28 55		09.91-09.96	110206	24 5.4	
		09.91-09.96	112159	28 80					
		09.91-09.96	113920	28 35					
2638 14.6	(NG)[OM422.953]	01.81-10.86	110113	28 27		01.81-12.86	110210	24 6.6	
		06.85-12.86	113920	28 35					
		11.86-12.86	110895	28 55		01.81-12.86	112120	24 6.6	
		11.86-12.86	110906	28 30		01.81-12.86	113855	24 5.4	
	(NG)[OM422.955]	01.81-10.86	110113	28 27		01.81-12.86	110210	24 6.6	
		06.85-12.86	113920	28 35					
		11.86-12.86	110895	28 55		01.81-12.86	112120	24 6.6	
		11.86-12.86	110906	28 30		01.81-12.86	113855	24 5.4	
	(NG)[OM422.959]	06.85-12.86	113920	28 35		01.81-12.86	112120	24 6.6	
		11.86-12.86	110895	28 55		01.81-12.86	110210	24 6.6	
	(SK)[OM440.970]	09.91-09.96	113920	28 35		09.91-09.96	110206	24 5.4	
	(SK)[OM440.978]	09.91-08.96	113920	28 35		09.91-	110206	24 5.4	
	(SK)[OM440.979]	07.92-09.96	113920	28 35		07.92-09.96	110206	24 5.4	
	(SK)[OM440.981]	09.91-08.96	113920	28 35		09.91-	110206	24 5.4	
	(SK)[OM440.982]	07.92-08.96	113920	28 35		07.92-	110206	24 5.4	
	(SK)[OM440.990]	09.91-08.96	113920	28 35		09.91-	110206	24 5.4	
	(SK)[OM442.989]	09.91-09.96	113920	28 35		09.91-	110206	24 5.4	
	(SK)[OM442.997]	09.91-09.96	113920	28 35		09.91-	110206	24 5.4	
	(SK)[OM446.924]	09.91-	112159	28 80					
		01.94-	110895	28 55		09.91-	110206	24 5.4	
	(SK)[OM446.925]	09.91-	112159	28 80					
		01.94-	110895	28 55		09.91-	110206	24 5.4	



	(SK)[OM446.926]	09.91-01.94-	112159	28 80					
			110895	28 55		09.91-	110206	24 5.4	
	(SK)[OM446.927]	01.94-09.96	112159	28 80		01.94-09.96	110206	24 5.4	
	(SK)[OM446.936]	07.92-08.96	113920	28 35		07.92-	110206	24 5.4	
2640 11.9	(Actros)[OM541.923]	04.96-10.02	115497	28 80 A49		04.96-10.02	115885	24 7.5 A49	
		09.96-	112561	28 80		09.96-10.02	111771	24 6.2	
		09.96-	113351	28 100		04.96-10.02	113609	24 6.2	
		09.96-	113448	28 100		04.96-10.02	113851	24 7.5	
		04.96-10.02	115557	28 100 A49		12.90-	110206	24 5.4	
	(Actros)[OM541.944]	09.96-	112561	28 80		09.96-10.02	113609	24 6.2	
		09.96-	113351	28 100		09.96-10.02	113851	24 7.5	
		09.96-	113448	28 100		12.90-	110206	24 5.4	
		09.96-10.02	115497	28 80 A49		09.96-10.02	115885	24 7.5 A49	
		09.96-10.02	115557	28 100 A49		09.96-10.02	111771	24 6.2	
2640 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100					
		10.04-	115497	28 80 A49					
		10.04-	115557	28 100 A49					
2641 11.9	(Actros)[OM541.944]	04.03-	112561	28 80		04.03-	113851	24 7.5	
		04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	113448	28 100		04.03-	115885	24 7.5 A49	
		04.03-	115497	28 80 A49		04.03-	113609	24 6.2	
		04.03-	115557	28 100 A49					
	(Actros)[OM541.974]	04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113609	24 6.2	
		06.03-	112561	28 80		04.03-	113851	24 7.5	
		06.03-	113448	28 100		04.03-	115885	24 7.5 A49	
		04.03-	115557	28 100 A49					
	(Actros)[OM541.990]	04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113609	24 6.2	
		06.03-	112561	28 80		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49	
2643 11.9	(Actros)[OM541.925]	04.96-10.02	115497	28 80 A49		04.96-10.02	115885	24 7.5 A49	
		04.97-	112561	28 80		04.97-10.02	111771	24 6.2	
		04.97-	113351	28 100		04.96-10.02	113609	24 6.2	
		04.97-	113448	28 100		04.96-10.02	113851	24 7.5	
		04.96-10.02	115557	28 100 A49					
	(Actros)[OM541.946]	04.97-10.02	115497	28 80 A49		04.97-10.02	115885	24 7.5 A49	
		04.97-10.02	115557	28 100 A49					
2643 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100					
		10.04-	115497	28 80 A49					
		10.04-	115557	28 100 A49					
2644 11.9	(Actros)[OM541.925]	06.03-	112561	28 80		04.03-	111771	24 6.2	
		06.03-	113351	28 100		04.03-	113609	24 6.2	
		06.03-	113448	28 100		04.03-	113851	24 7.5	
		06.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
		04.03-	115557	28 100 A49					
	(Actros)[OM541.946]	04.03-	113351	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
		06.03-	112561	28 80		04.03-	111771	24 6.2	
		06.03-	113448	28 100		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49					
	(Actros)[OM541.976]	04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113609	24 6.2	
		06.03-	112561	28 80		04.03-	113851	24 7.5	
		06.03-	113448	28 100		04.03-	115885	24 7.5 A49	
		04.03-	115557	28 100 A49					
	(Actros)[OM541.992]	04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113609	24 6.2	
		06.03-	112561	28 80		04.03-	113851	24 7.5	
		06.03-	113448	28 100		04.03-	115885	24 7.5 A49	
		04.03-	115557	28 100 A49					
2644 14.6	(SK)[OM440.970]	01.92-09.96	110895	28 55		01.92-09.96	110206	24 5.4	
		01.92-09.96	112159	28 80					
		01.92-09.96	113920	28 35					
	(SK)[OM440.979]	01.92-09.96	110895	28 55		01.92-09.96	110206	24 5.4	
		01.92-09.96	113920	28 35					
	(NG)[OM442.951]	10.85-02.90	113920	28 35					
		11.86-02.90	110895	28 55		10.85-02.90	110206	24 5.4	
	(NG)[OM442.953]	10.85-10.86	110113	28 27					
		10.85-02.90	113920	28 35		10.85-02.90	113851	24 5.4	
		10.86-02.90	110895	28 55		10.85-02.90	110206	24 5.4	
		10.86-02.90	110906	28 30					
		10.88-02.90	112159	28 80					
	(NG)[OM442.980]	10.85-10.86	110113	28 27		10.85-02.90	110206	24 5.4	
		10.85-02.90	113920	28 35					
		11.86-02.90	110895	28 55		10.85-02.90	113851	24 5.4	
		11.86-02.90	110906	28 30					
		10.88-02.90	112159	28 80					
	(SK)[OM446.922]	01.94-	110895	28 55					
		01.94-	112159	28 80		01.92-	110206	24 5.4	
	(SK)[OM446.936]	01.94-09.96	112159	28 80		01.92-09.96	110206	24 5.4	
2645 14.6	(SK)[OM442.989]	02.90-09.96	113920	28 35					
2646 11.9	(Actros)[OM541.948]	04.03-	113351	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5	
		06.03-	112561	28 80		04.03-	115885	24 7.5 A49	
		04.03-	115557	28 100 A49		06.03-	111771	24 6.2	
	(Actros)[OM541.980]	04.03-	113351	28 100		04.03-	115885	24 7.5 A49	
		04.03-	115497	28 80 A49		04.03-	113609	24 6.2	
		06.03-	112561	28 80		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49		06.03-	111771	24 6.2	
	(Actros)[OM541.994]	04.03-	113351	28 100		04.03-	115885	24 7.5 A49	
		04.03-	115497	28 80 A49		04.03-	113609	24 6.2	
		06.03-	112561	28 80		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49		06.03-	111771	24 6.2	

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O.E.M. names and numbers are used for reference purposes only.





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2648 11.9	(Actros)[OM541.948]	04.03-	115497	28 80 A49	04.03-	113609	24 6.2
					04.03-	113851	24 7.5
					04.03-	115885	24 7.5 A49
	(Actros MP2 / MP3)	04.03-	113351	28 100			
		04.03-	115497	28 80 A49			
		04.03-	115557	28 100 A49			
2648 14.6	(SK)[OM442.983]	12.88- 07.92	113920	28 35	12.88- 07.92	110206	24 5.4
	(SK)[OM442.985]	12.88- 07.92	112159	28 80	12.88- 07.92	110206	24 5.4
		12.88- 07.92	113920	28 35			
	(SK)[OM442.989]	07.88- 08.94	113920	28 35	12.88- 08.94	110206	24 5.4
		12.88- 07.92	112159	28 80			
	(SK)[OM442.992]	12.88- 07.92	112159	28 80	12.88- 07.92	110206	24 5.4
2648 15.9	(Actros)[OM542.921]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	115885	24 7.5 A49
		09.96-	112561	28 80	09.96- 10.02	111771	24 6.2
		09.96-	113351	28 100	04.96- 10.02	113609	24 6.2
		09.96-	113448	28 100	04.96- 10.02	113851	24 7.5
		09.96-	113448	28 100	04.96- 10.02	113851	24 7.5
		09.96- 10.02	115497	28 80 A49	09.96- 10.02	115885	24 7.5 A49
2650 14.6	(SK)[OM440.971]	07.88- 09.96	113920	28 35	07.88- 08.94	110206	24 5.4
					07.92-	110210	24 6.6
	(SK)[OM440.973]	07.92- 09.96	110895	28 55	07.92-	110206	24 5.4
		07.92- 09.96	113920	28 35	07.92-	110210	24 6.6
	(SK)[OM440.982]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4
	(SK)[OM442.989]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
2650 15.9	(Actros)[OM542.940]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49			
	(Actros MP2 / MP3)	04.03-	113351	28 100			
2651 15.9	(Actros)[OM542.960]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	113448	28 100	04.03-	115885	24 7.5 A49
		04.03-	115497	28 80 A49			
		04.03-	115557	28 100 A49			
	(Actros MP2 / MP3)	04.03-	113351	28 100			
2653 14.6	(SK)[OM446.920]				01.96-	110206	24 5.4
	(SK)[OM446.946]				07.92- 09.96	110206	24 5.4
2653 15.9	(Actros)[OM542.920]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	115885	24 7.5 A49
		09.96-	112561	28 80	09.96- 10.02	111771	24 6.2
		09.96-	113351	28 100	04.96- 10.02	113609	24 6.2
		09.96-	113448	28 100	04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49			
	(Actros)[OM542.942]	09.96- 10.02	115497	28 80 A49	09.96- 10.02	115885	24 7.5 A49
2654 15.9	(Actros)[OM542.920]	04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49			
	(Actros)[OM542.942]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
2655 15.9	(Actros)[OM542.962]	04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49			
	(Actros)[OM542.942]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
2657 15.9	(Actros)[OM542.922]	04.97- 01.01	112561	28 80	04.97- 10.02	111771	24 6.2
		04.97- 01.01	113351	28 100	04.97- 10.02	113609	24 6.2
		04.97- 01.01	113448	28 100	04.97- 10.02	113851	24 7.5
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49
		04.97- 10.02	115557	28 100 A49			
	(Actros)[OM542.944]	04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49
2658 15.9	(Actros)[OM542.944]	04.03-	112561	28 80	04.03-	111771	24 6.2
		04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49			
	(Actros MP2 / MP3)[OM542.964]	05.05-	113351	28 100			
2729 7.2	(Atron)	05.05-	115497	28 80 A49	01.12-	111982	24 4.0
	(Atron)	05.05-	115557	28 100 A49	01.12-	114086	24 5.5
	(Atron)				01.12-	115896	24 5.5 A49

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2732 11.9	(Actros MP2 / MP3)[OM541.941]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
	(Actros MP2 / MP3)[OM541.997]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
2733 7.2	(Zetros)[OM926.935]	09.08-	115497	28 80 A49	09.08-	114523	24 4.0	
					09.08-	115514	24 4.0 A49	
	(Zetros)[OM926.936]	09.08-	115497	28 80 A49	09.08-	114523	24 4.0	
					09.08-	115514	24 4.0 A49	
	2736 11.9	(Actros MP2 / MP3)[OM541.943]	06.08-	113351	28 100			
			06.08-	115497	28 80 A49			
06.08-			115557	28 100 A49				
(Actros MP2 / MP3)[OM541.999]		06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
2741 11.9	(Actros MP2 / MP3)[OM541.991]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
2744 11.9	(Actros MP2 / MP3)[OM541.947]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
	(Actros MP2 / MP3)[OM541.993]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
2746 11.9	(Actros MP2 / MP3)[OM541.949]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
	(Actros MP2 / MP3)[OM541.995]	06.08-	113351	28 100				
		06.08-	115497	28 80				
		06.08-	115557	28 100				
2748 11.9	(Actros MP2 / MP3)[OM541.949]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
3025 14.6	(NG)[OM422.909]	08.83- 03.91	113920	28 35	08.83- 03.91	112120	24 6.6	
					08.83- 03.91	112120	24 6.6	
	(NG)[OM422.912]	08.83- 03.91	113920	28 35	08.83- 03.91	112120	24 6.6	
	(NG)[OM422.919]	12.85- 10.86	110113	28 27	12.85- 07.87	110206	24 5.4	
		11.86- 07.87	110895	28 55	12.85- 07.87	110210	24 6.6	
		11.86- 07.87	110906	28 30	12.85- 07.87	112120	24 6.6	
					12.85- 07.87	113855	24 5.4	
	(NG)[OM422.920]	12.85- 10.86	110113	28 27	12.85- 07.87	110206	24 5.4	
		11.86- 07.87	110895	28 55	12.85- 07.87	110210	24 6.6	
		11.86- 07.87	110906	28 30	12.85- 07.87	112120	24 6.6	
					12.85- 07.87	113855	24 5.4	
(NG)[OM442.920]	11.86- 07.87	110895	28 55	12.85- 07.87	110206	24 5.4		
	11.86- 07.87	113920	28 35	12.85- 07.87	110210	24 6.6		
				12.85- 07.87	112120	24 6.6		
3028 14.6	(NG)[OM422.905]	06.85- 08.89	113920	28 35	05.83- 08.89	110210	24 6.6	
		11.86- 08.89	110895	28 55	02.80- 08.89	110206	24 5.4	
	(NG)[OM422.911]	06.85- 08.89	113920	28 35	05.83- 08.89	110210	24 6.6	
		11.86- 08.89	110895	28 55	02.80- 08.89	110206	24 5.4	
	(NG)[OM422.919]	12.85- 07.87	113920	28 35	12.85- 07.87	110206	24 5.4	
					12.85- 07.87	110210	24 6.6	
3033 14.6	(NG)[OM422.954]	06.85- 05.87	113920	28 35	05.83- 05.87	110210	24 6.6	
		11.86- 05.87	110895	28 55	12.82- 05.87	110206	24 5.4	
	(NG)[OM422.957]	06.85- 05.87	113920	28 35	05.83- 05.87	110210	24 6.6	
		11.86- 05.87	110895	28 55	12.82- 05.87	110206	24 5.4	
	(NG)[OM422.959]	06.85- 05.87	113920	28 35	05.83- 05.87	110210	24 6.6	
		11.86- 05.87	110895	28 55	12.82- 05.87	110206	24 5.4	
3036 18.3	(NG)[OM423.905]	11.86- 08.89	110895	28 55	12.82- 08.89	110210	24 6.6	
		11.86- 08.89	113920	28 35				
	(NG)[OM423.908]	06.85- 08.89	113920	28 35				
		11.86- 08.89	110895	28 55	12.82- 08.89	110210	24 6.6	
	(NG)[OM423.911]	06.85- 08.89	113920	28 35				
		11.86- 08.89	110895	28 55	12.82- 08.89	110210	24 6.6	
3038 14.6	(NG)[OM422.953]	06.85- 12.86	113920	28 35				
		11.86- 12.86	110895	28 55	01.81- 12.86	110210	24 6.6	
	(NG)[OM422.955]	06.85- 12.86	113920	28 35				
		11.86- 12.86	110895	28 55	01.81- 12.86	110210	24 6.6	
	(NG)[OM422.959]	06.85- 12.86	113920	28 35				
		11.86- 12.86	110895	28 55	01.81- 12.86	110210	24 6.6	
3050 14.6	(SK)[OM440.976]	12.93- 09.96	110895	28 55	12.93- 09.96	110206	24 5.4	
		12.93- 09.96	112159	28 80	02.91-	110210	24 6.6	
		12.93- 09.96	113920	28 35				
	(SK)[OM446.933]	01.94- 09.96	112159	28 80	01.94- 09.96	110206	24 5.4	
3053 14.6	(SK)[OM440.976]	12.93- 09.96	110895	28 55	12.93-	110206	24 5.4	
		12.93- 09.96	112159	28 80				
		12.93- 09.96	113920	28 35				
	(SK)[OM446.933]	01.94- 09.96	112159	28 80	01.94- 09.96	110206	24 5.4	
3228 14.6	(NG)[OM422.919]	07.87- 03.91	110895	28 55	07.87- 03.91	110206	24 5.4	
		07.87- 03.91	110906	28 30	07.87- 03.91	113855	24 5.4	
		10.88- 03.91	112159	28 80				
	(NG)[OM422.921]	07.87- 03.91	110895	28 55	07.87- 03.91	110206	24 5.4	
		07.87- 03.91	110906	28 30	07.87- 03.91	113855	24 5.4	
		10.88- 03.91	112159	28 80				
3229 15.1	(SK)[OM442.915]	09.89- 08.94	113920	28 35	09.89- 08.94	110206	24 5.4	
	(SK)[OM442.916]	09.89- 07.92	110113	28 27				
		09.89- 07.92	110895	28 55				
		09.89- 07.92	110906	28 30				
		09.89- 07.92	112159	28 80				
		09.89- 08.94	113920	28 35	09.89- 08.94	110206	24 5.4	
		09.89- 08.94	110895	28 55				
	(SK)[OM442.923]	09.89- 01.92	113920	28 35	09.89- 01.92	110206	24 5.4	
	(SK)[OM442.927]	09.89- 08.94	112159	28 80	09.89- 08.94	110206	24 5.4	
		09.89- 08.91	113920	28 35				
(SK)[OM442.928]	09.89- 08.94	112159	28 80	09.89- 08.94	110206	24 5.4		
	09.89- 08.91	113920	28 35					
3231 11.0	(MK)[OM445.929]	12.87- 09.96	113920	28 35				

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O.E.M. names and numbers are used for reference purposes only.



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3231 11.9	(Actros)[OM541.920]	04.97- 01.01	112561	28 80	04.97- 10.02	115885	24 7.5	A49	
		04.97- 01.01	113351	28 100	04.97- 10.02	111771	24 6.2		
		04.97- 01.01	113448	28 100					
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113609	24 6.2		
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	113851	24 7.5		
	(Actros)[OM541.940]	04.03-	113351	28 100	04.03-	113609	24 6.2		
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5	A49	
					04.03-	113851	24 7.5		
		04.97- 10.02	115557	28 100 A49	04.03-	111771	24 6.2		
3231 9.6	(MK)[OM401.972]	12.87- 09.96	113920	28 35					
	(MK)[OM401.979]	12.87- 09.96	113920	28 35					
	(MK)[OM401.993]	12.87- 09.96	113920	28 35					
3232 11.9	(Actros)[OM541.970]	04.03-	113351	28 100	04.03-	111771	24 6.2		
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2		
					04.03-	115885	24 7.5	A49	
		04.03-	115557	28 100 A49	04.03-	113851	24 7.5		
					04.03-	111771	24 6.2		
	(Actros MP2 / MP3)	04.03-	112561	28 80	04.03-	111771	24 6.2		
		04.03-	113351	28 100	04.03-	111771	24 6.2		
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2		
					04.03-	115885	24 7.5	A49	
		04.03-	115557	28 100 A49	04.03-	113851	24 7.5		
(Actros MP2 / MP3)	04.03-	112561	28 80	04.03-	111771	24 6.2			
3233 11.0	(SK)[OM441.982]	10.90- 07.92	112159	28 80	10.90- 07.92	110206	24 5.4		
		10.90- 08.91	113920	28 35					
	(SK)[OM441.985]	10.90- 07.92	112159	28 80	10.90- 07.92	110206	24 5.4		
3234 11.0	(SK)[OM441.988]	02.92-	112159	28 80	02.92-	110206	24 5.4		
	(SK)[OM441.990]	02.92-	112159	28 80	02.92-	110206	24 5.4		
	(SK)[OM441.992]	02.92-	112159	28 80	02.92-	110206	24 5.4		
	(SK)[OM445.922]	02.92- 09.96	113920	28 35	02.92-	110206	24 5.4		
3235 11.9	(Actros)[OM541.922]	04.97-	112561	28 80	04.97- 10.02	111771	24 6.2		
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2		
		04.97-	113448	28 100	04.97- 10.02	113851	24 7.5		
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5	A49	
		04.97- 10.02	115557	28 100 A49					
	(Actros)[OM541.942]	04.97-	112561	28 80	04.97-	113609	24 6.2		
		04.97-	113351	28 100	04.97-	113851	24 7.5		
		04.97-	113448	28 100					
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5	A49	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	111771	24 6.2		
3235 14.6	(NG)[OM442.944]	07.88- 08.94	113920	28 35					
		10.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4		
	(SK)	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4		
	(SK)[OM442.952]	07.87- 02.91	113920	28 35					
		10.88- 05.91	112159	28 80	07.87- 07.92	110206	24 5.4		
	(SK)[OM442.959]	10.88- 07.92	112159	28 80	07.87- 07.92	110206	24 5.4		
		10.88- 08.91	113920	28 35					
	(SK)[OM442.963]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4		
(SK)[OM442.976]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4			
3236 11.9	(Actros MP2 / MP3)[OM541.942]	04.03-	113351	28 100					
		04.03-	115497	28 80 A49					
		04.03-	115557	28 100 A49					
		(Actros MP2 / MP3)[OM541.972]	04.03-	112561	28 80	04.03-	111771	24 6.2	
		04.03-	113448	28 100					
	(Actros MP2 / MP3)[OM541.998]	04.03-	112561	28 80	04.03-	111771	24 6.2		
		04.03-	113448	28 100					
		(Actros MP2 / MP3)	06.08-	113351	28 100				
		(Actros MP2 / MP3)	06.08-	115497	28 80 A49				
		(Actros MP2 / MP3)	06.08-	115557	28 100 A49				
3238 12.8	(SK)[OM402.971]	10.90- 02.01	112159	28 80					
		10.90- 09.96	113920	28 35	10.90- 02.01	110206	24 5.4		
					07.87- 09.96	110206	24 5.4		
	(SK)[OM402.972]	07.87- 09.96	113920	28 35					
	(SK)[OM402.973]	10.90- 02.01	112159	28 80	10.90- 02.01	110206	24 5.4		
		10.90- 08.91	113920	28 35					
	(SK)[OM402.975]	03.91- 09.96	113920	28 35					
	(SK)[OM402.977]	10.90- 02.01	113920	28 35	10.90- 02.01	110206	24 5.4		
	(SK)[OM402.982]	10.90- 02.01	112159	28 80	10.90- 02.01	110206	24 5.4		
		10.90- 08.91	113920	28 35					
	(SK)[OM402.985]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4		
	(SK)[OM402.986]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4		
	(SK)[OM402.987]	10.90- 02.01	113920	28 35	10.90- 02.01	110206	24 5.4		
3238 14.6	(SK)[OM440.970]	06.91- 02.01	112159	28 80	10.90- 02.01	110206	24 5.4		
		10.91- 02.01	113920	28 35					
		10.90- 02.01	113920	28 35	10.90- 02.01	110206	24 5.4		
	(SK)[OM440.971]	10.90- 02.01	113920	28 35					
	(SK)[OM440.980]	06.91- 02.01	112159	28 80	10.90- 02.01	110206	24 5.4		
		10.91- 02.01	113920	28 35					
	(SK)[OM442.989]	10.90- 02.01	113920	28 35	10.90- 02.01	110206	24 5.4		
	(SK)[OM442.997]				10.90- 02.01	110206	24 5.4		
	(SK)[OM446.925]				07.87- 09.96	110206	24 5.4		
	(SK)[OM446.926]	01.94-	112159	28 80	01.94-	110206	24 5.4		
	(SK)[OM446.927]				07.87- 09.96	110206	24 5.4		
	(SK)[OM446.939]	01.94-	112159	28 80	01.94-	110206	24 5.4		
	3238 18.3	(SK)[OM423.905]	03.91- 09.96	113920	28 35				
(SK)[OM423.907]		03.91- 09.96	113920	28 35					
3240 11.9	(Actros)[OM541.923]	04.97- 01.01	112561	28 80	04.97- 10.02	111771	24 6.2		
		04.97- 01.01	113351	28 100	04.97- 10.02	113609	24 6.2		
		04.97- 01.01	113448	28 100	04.97- 10.02	113851	24 7.5		
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5	A49	
		04.97- 10.02	115557	28 100 A49					
	(Actros)[OM541.944]	04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5	A49	
	04.97- 10.02	115557	28 100 A49						
3240 12.0	(Axor 2)[OM457.937]	03.05-	113351	28 100	03.05-	113609	24 6.2		
		03.05-	115497	28 80 A49	03.05-	113851	24 7.5		
					03.05-	115885	24 7.5	A49	

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	(Axor 2)[OM457.948]	03.05- 03.05-	113351 115497	28 100 28 80 A49		03.05- 03.05- 03.05-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
3241 11.9	(Actros)[OM541.944]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03-	111771 113609 115885	24 6.2 24 6.2 24 7.5 A49
	(Actros MP2 / MP3)	04.03- 06.08- 06.08- 06.08-	115557 113351 115497 115557	28 100 A49 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 115885 113851	24 6.2 24 6.2 24 7.5 A49 24 7.5
	(Actros)[OM541.974]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 115885 113851	24 6.2 24 6.2 24 7.5 A49 24 7.5
	(Actros MP2 / MP3)	04.03-	113448	28 100 A49		04.03-	111771	24 6.2
	(Actros)[OM541.990]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 115885 113851	24 6.2 24 6.2 24 7.5 A49 24 7.5
	(Actros MP2 / MP3)	04.03-	113448	28 100		04.03-	111771	24 6.2
3243 11.9	(Actros)[OM541.924]	04.97- 04.97- 04.97- 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 6.2 24 7.5 A49
	(Actros)[OM541.925]	04.97- 01.01 04.97- 01.01 04.97- 01.01 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	(Actros)[OM541.946]	04.97- 10.02 04.97- 10.02	115497 115557	28 80 A49 28 100 A49		04.97- 10.02	115885	24 7.5 A49
3243 12.0	(Axor 2)[OM457.937]	03.05- 03.05-	113351 115497	28 100 28 80 A49		03.05- 03.05-	113851 115885	24 7.5 24 7.5 A49
	(Axor 2)[OM457.948]	03.05- 03.05-	113351 115497	28 100 28 80 A49		03.05- 03.05-	113609 113851	24 6.2 24 7.5
						03.05-	115885	24 7.5 A49
3244 11.9	(Actros MP2 / MP3)[OM541.976]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
	(Actros MP2 / MP3)[OM541.992]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
3244 14.6	(SK)[OM440.970]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
	(SK)[OM440.980]	01.94- 09.96	113920	28 35		01.94- 09.96	110206	24 5.4
	(SK)[OM446.922]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
	(SK)[OM446.939]	01.94- 09.96	113920	28 35		01.94- 09.96	110206	24 5.4
3246 11.9	(Actros)[OM541.948]	01.02- 04.03-	115497 113351	28 80 A49 28 100		04.03- 04.03- 04.03-	113851 113609 115885	24 7.5 24 6.2 24 7.5 A49
	(Actros MP2 / MP3)	04.03-	112561	28 80				
	(Actros)[OM541.980]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Actros MP2 / MP3)	04.03-	112561	28 80				
	(Actros)[OM541.994]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Actros MP2 / MP3)	04.03-	112561	28 80				
3248 11.9	(Actros MP2 / MP3)[OM541.978]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
3248, 11.9	(Actros MP2 / MP3)[OM541.978]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
3248 14.6	(SK)[OM442.984]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
	(SK)[OM442.985]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
	(SK)[OM442.989]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
	(SK)[OM442.992]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
3250 14.6	(SK)[OM440.971]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
	(SK)[OM440.973]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
	(SK)[OM440.975]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
	(SK)[OM442.997]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
3250 18.3	(NG)[OM423.908]	09.85- 08.94 10.88- 08.94	110895 112159	28 55 28 80		09.85- 08.94 09.85- 08.94 09.85- 08.94	110210 112120 113855	24 6.6 24 6.6 24 5.4
	(NG)[OM423.950]	09.85- 08.94 10.88- 08.94	110895 112159	28 55 28 80		09.85- 08.94 09.85- 08.94 09.85- 08.94	110210 112120 113855	24 6.6 24 6.6 24 5.4
	(NG)[OM423.951]	09.85- 08.94 10.88- 08.94	110895 112159	28 55 28 80		09.85- 08.94 09.85- 08.94 09.85- 08.94	110210 112120 113855	24 6.6 24 6.6 24 5.4
3253 14.6	(SK)[OM446.920]	01.96-	112159	28 80		01.96-	110206	24 5.4
	(SK)[OM446.933]	01.96-	112159	28 80		01.96-	110206	24 5.4
	(SK)[OM446.945]	01.96-	112159	28 80		01.96-	110206	24 5.4
3328 14.6	(NG)[OM422.905]	02.80- 03.91	113920	28 35		02.80- 03.91	112120	24 6.6
	(NG)[OM422.907]	02.80- 03.91	113920	28 35		02.80- 03.91	112120	24 6.6
	(NG)[OM422.911]	02.80- 03.91	113920	28 35		02.80- 03.91	112120	24 6.6
	(NG)[OM422.913]	02.80- 03.91	113920	28 35		02.80- 03.91	112120	24 6.6
	(NG)[OM422.914]	07.82- 10.86 11.86- 07.87 11.86- 07.87	110113 110895 110906	28 27 28 55 28 30		07.82- 07.87 05.83- 07.87 07.82- 07.87	110206 110210 112120	24 5.4 24 6.6 24 6.6
	(NG)[OM422.916]	02.80- 03.91	113920	28 35		02.80- 03.91	113855	24 5.4
						02.80- 03.91	112120	24 6.6

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O.E.M. names and numbers are used for reference purposes only.





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MERCEDES-BENZ Continued

	(NG)[OM422.919]	07.82- 10.86 11.86- 07.87 11.86- 07.87	110113 110895 110906	28 27 28 55 28 30	07.82- 07.87 05.83- 07.87 07.82- 07.87 07.82- 07.87	110206 110210 112120 113855	24 5.4 24 6.6 24 6.6 24 5.4
3331 11.9	(Actros)[OM541.920]	04.97- 04.97- 04.97- 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49	04.97- 10.02 04.97- 10.02	113851 113609	24 7.5 24 6.2
	(Actros)[OM541.926]	04.97- 04.97- 04.97- 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49	04.97- 10.02 04.97- 10.02	115885 111771	24 7.5 A49 24 6.2
	(Actros)[OM541.940]	04.97- 04.97- 04.97- 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49	04.97- 10.02 04.97- 10.02	113851 113609	24 7.5 24 6.2
	(Actros)[OM541.941]	04.97- 10.02 04.97- 10.02	115497 115557	28 80 A49 28 100 A49	04.97- 10.02 04.97- 10.02	115885 111771	24 7.5 A49 24 6.2
	(Actros)[OM541.970]	04.03-	115497	28 80 A49	04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
3332 11.9	(Actros)[OM541.920]	04.03- 04.03-	113351 115497	28 100 28 80 A49	04.03- 04.03-	113609 111771	24 6.2 24 6.2
	(Actros)[OM541.926]	04.03- 04.03-	115557 113351 115497	28 100 A49 28 100 28 80 A49	04.03- 04.03-	113851 111771 113609	24 7.5 24 7.5 A49 24 6.2
	(Actros)[OM541.940]	04.03- 04.03-	115557 113351 115497	28 100 A49 28 100 28 80 A49	04.03- 04.03-	113851 113609	24 7.5 24 6.2
	(Actros)[OM541.941]	04.03- 04.03-	115557 113351 115497	28 100 A49 28 100 28 80 A49	04.03- 04.03-	115885 111771	24 7.5 A49 24 6.2
	(Actros)[OM541.970]	04.03- 04.03-	115557 113351 115497	28 100 A49 28 100 28 80 A49	04.03- 04.03-	115885 111771	24 7.5 A49 24 6.2
	(Actros)[OM541.971]	04.03- 04.03-	115557 113351 115497	28 100 A49 28 100 28 80 A49	04.03- 04.03-	113851 113609	24 7.5 24 6.2
	(Actros)[OM541.996]	04.03- 04.03-	115557 113351 115497	28 100 A49 28 100 28 80 A49	04.03- 04.03-	113851 111771 113609	24 7.5 24 7.5 A49 24 6.2
	(Actros)[OM541.997]	04.03- 04.03-	115557 113351 115497	28 100 A49 28 100 28 80 A49	04.03- 04.03-	113851 111771 113609	24 7.5 24 7.5 A49 24 6.2
	(Actros MP2 / MP3)	04.03-	115557	28 100 A49	04.03-	115885 113851	24 7.5 A49 24 7.5
3332 12.0	(Actros)[OM541.970]	02.05-	115497	28 80 A49	04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Actros)[OM541.996]	04.03- 04.03-	113351 115497	28 100 28 80 A49	04.03- 04.03-	113609 113851	24 6.2 24 7.5
3333 14.6	(NG)[OM422.954]	12.82- 05.85 06.85- 11.91 11.86- 11.91 10.88- 11.91	110113 113920 110895 112159	28 27 28 35 28 55 28 80	12.82- 11.91 05.83- 11.91	110206 110210	24 5.4 24 6.6
3335 11.9	(Actros)[OM541.922]	04.97- 01.01 04.97- 01.01 04.97- 01.01 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49	04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	(Actros)[OM541.942]	04.97- 10.02 04.97- 10.02	115497 115557	28 80 A49 28 100 A49	04.97- 10.02	115885	24 7.5 A49
3335 12.0	(Axor 2)[OM457.937]	10.04-	113448	28 100			
3335 14.6	(NG)[OM442.950]	04.86- 03.91 04.86- 03.91	110895 113920	28 55 28 35			
	(NG)[OM442.962]	04.86- 03.91	113920	28 35			
3336 11.9	(Actros)[OM541.927]	04.03- 04.03-	113351 115497	28 100 28 80 A49	04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Actros MP2 / MP3)		112561	28 80			
	(Actros)[OM541.942]	04.03- 04.03- 04.03- 04.03-	112561 113351 115497 115557	28 80 28 100 28 80 A49 28 100 A49	04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	(Actros)[OM541.943]	04.03- 04.03-	113351 115497	28 100 28 80 A49	04.03- 04.03-	111771 113609	24 6.2 24 6.2
	(Actros MP2 / MP3)	04.03-	115557	28 100 A49	04.03- 04.03-	115885 113851	24 7.5 A49 24 7.5
	(Actros)[OM541.972]	04.03- 04.03- 04.03- 04.03-	112561 113351 115497 115557	28 80 28 100 28 80 A49 28 100 A49	04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49

## STARTERS & ALTERNATORS



	(Actros)[OM541.973]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03-	113609 113851 111771	24 6.2 24 7.5 24 6.2	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49	
	(Actros)[OM541.998]	04.03-	112561	28 80					
	(Actros)[OM541.999]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03-	113851 113609 111771	24 7.5 24 6.2 24 6.2	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49	
3336 12.0	(Actros)[OM541.942]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49	
	(Actros)[OM541.972]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49	
	(Actros)[OM541.998]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49	
3336 14.6	(NG)[OM442.950]	11.81- 03.91	113920	28 35					
	(NG)[OM442.952]	11.81- 03.91	113920	28 35					
3336 18.3	(NG)[OM423.905]	11.81- 11.91	113920	28 35					
		12.82- 10.86	110113	28 27		12.82- 11.91	110210	24 6.6	
		11.86- 11.91	110895	28 55		11.81- 11.91	112120	24 6.6	
		11.86- 02.91	110906	28 30		12.82- 11.91	113855	24 5.4	
		10.88- 11.91	112159	28 80					
	(NG)[OM423.907]	11.81- 11.91	113920	28 35		11.81- 11.91	112120	24 6.6	
		09.86- 10.86	110113	28 27					
		11.86- 02.91	110906	28 30		09.86- 11.91	113855	24 5.4	
		10.88- 11.91	112159	28 80					
		03.91- 11.91	110895	28 55		09.86- 11.91	110210	24 6.6	
3338 14.6	(NG)[OM442.950]	01.81- 12.86	113920	28 35					
3340 11.9	(Actros)[OM541.923]	04.97- 04.97- 04.97- 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	115885 111771 113609 113851	24 7.5 A49 24 6.2 24 6.2 24 7.5	
	(Actros)[OM541.924]	04.97- 04.97- 04.97- 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49	
	(Actros)[OM541.944]	04.97- 04.97- 04.97- 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49	
	(Actros)[OM541.945]	04.97- 04.97- 04.97- 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49	
3340 12.0	(Axor 2)[OM457.910]	10.04-	113448	28 100					
3341 11.9	(Actros)[OM541.923]	04.03-	115497	28 80 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49	
	(Actros)[OM541.944]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03- 04.03-	113609 113851 111771 115885	24 6.2 24 7.5 24 6.2 24 7.5 A49	
	(Actros)[OM541.945]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49	
	(Actros MP2 / MP3)		113448	28 100					
	(Actros)[OM541.974]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 115885 113851	24 6.2 24 6.2 24 7.5 A49 24 7.5	
	(Actros MP2 / MP3)	04.03-	112561	28 80		04.03-	111771	24 6.2	
	(Actros)[OM541.975]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49	
	(Actros MP2 / MP3)[OM541.990]	04.03-	112561	28 80		04.03-	111771	24 6.2	
	(Actros)[OM541.991]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49	
	(Actros MP2 / MP3)	04.03- 04.03-	112561 113448	28 80 28 100					
3341 12.0	(Actros)[OM541.944]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03- 04.03-	113609 113851 115885 113609	24 6.2 24 7.5 24 7.5 A49 24 6.2	
	(Actros)[OM541.974]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03- 04.03-	113851 113851 115885 113609	24 7.5 24 7.5 24 7.5 A49 24 6.2	
	(Actros)[OM541.990]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03- 04.03-	113609 113851 115885 113609	24 6.2 24 7.5 24 7.5 A49 24 6.2	
3343 11.9	(Actros)[OM541.921]	04.97- 04.97- 04.97- 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MERCEDES-BENZ Continued

	(Actros)[OM541.925]	04.97-	112561	28 80	04.97- 10.02	115885	24 7.5	A49
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100				
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	113851	24 7.5	
	(Actros)[OM541.946]	04.97-	112561	28 80	04.97- 10.02	113609	24 6.2	
		04.97-	113351	28 100	04.97- 10.02	113851	24 7.5	
		04.97-	113448	28 100				
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5	A49
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	111771	24 6.2	
	(Actros)[OM541.947]	04.97-	112561	28 80	04.97-	111771	24 6.2	
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2	
		04.97-	113448	28 100	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5	A49
		04.97- 10.02	115557	28 100 A49				
3343 12.0	(Axor)[OM457.937]	10.04-	113448	28 100				
3344 11.9	(Actros)[OM541.921]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
					04.03-	113851	24 7.5	
					04.03-	115885	24 7.5	A49
	(Actros)[OM541.946]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
					04.03-	115885	24 7.5	A49
		04.03-	115557	28 100 A49	04.03-	113851	24 7.5	
	(Actros)[OM541.947]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
					04.03-	111771	24 6.2	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5	A49
	(Actros MP2 / MP3)		112561	28 80				
	(Actros)[OM541.976]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
					04.03-	115885	24 7.5	A49
	(Actros MP2 / MP3)	04.03-	112561	28 80	04.03-	111771	24 6.2	
	(Actros MP2 / MP3)[OM541.992]	04.03-	112561	28 80	04.03-	111771	24 6.2	
	(Actros MP2 / MP3)[OM541.993]	04.03-	112561	28 80				
3344 12.0	(Actros)[OM541.947]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
					04.03-	113851	24 7.5	
					04.03-	115885	24 7.5	A49
	(Actros)[OM541.976]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
					04.03-	115885	24 7.5	A49
	(Actros)[OM541.977]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
					04.03-	115885	24 7.5	A49
	(Actros)[OM541.992]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
					04.03-	115885	24 7.5	A49
	(Actros)[OM541.993]	04.03-	113351	28 100	04.03-	113609	24 6.2	
					04.03-	113851	24 7.5	
					04.03-	115885	24 7.5	A49
3346 11.9	(Actros)[OM541.948]	04.03-	113351	28 100	04.97- 10.02	113851	24 7.5	
		04.03-	115497	28 80 A49	04.97-	113609	24 6.2	
		06.03-	112561	28 80				
		04.03-	115557	28 100 A49	04.97- 10.02	115885	24 7.5	A49
	(Actros MP2 / MP3)	04.03-	112561	28 80	04.03-	113609	24 6.2	
	(Actros)[OM541.949]	04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
					04.03-	113851	24 7.5	
					04.03-	115885	24 7.5	A49
	(Actros MP2 / MP3)	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5	A49
			112561	28 80	04.03-	113609	24 6.2	
	(Actros)[OM541.980]	04.03-	115497	28 80 A49	04.03-	115885	24 7.5	A49
	(Actros MP2 / MP3)	04.03-	112561	28 80				
	(Actros)[OM541.994]	04.03-	115497	28 80 A49	04.03-	115885	24 7.5	A49
	(Actros MP2 / MP3)	04.03-	112561	28 80				
	(Actros)[OM541.995]	04.03-	115497	28 80 A49	04.03-	115885	24 7.5	A49
	(Actros MP2 / MP3)	04.03-	112561	28 80	04.03-	113609	24 6.2	
		04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5	A49
3348 11.9	(Actros)[OM541.948]	04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
					04.03-	113851	24 7.5	
					04.03-	115885	24 7.5	A49
	(Actros MP2 / MP3)[OM541.949]	04.03-	115497	28 80 A49				
			113351	28 100				
			115557	28 100 A49				
	(Actros)[OM541.978]	04.03-	113351	28 100				
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5	A49
		04.03-	115557	28 100 A49				
	(Actros MP2 / MP3)	04.03-	113351	28 100				
		04.03-	115497	28 80 A49				
		04.03-	115557	28 100 A49				
3348 15.9	(Actros)[OM542.921]	04.97-	112561	28 80	04.97- 10.02	111771	24 6.2	
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2	
		04.97-	113448	28 100				
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5	A49
	(Actros MP2 / MP3)	04.03-	113351	28 100				
		04.03-	115497	28 80 A49				
		04.03-	115557	28 100 A49				
	(Actros)[OM542.925]	04.97-	112561	28 80	04.97- 10.02	115885	24 7.5	A49
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100				
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	113851	24 7.5	

## STARTERS & ALTERNATORS



3350	15.9	(Actros)[OM542.940]	04.03-	113351	28 100	04.03-	111771	24 6.2	
			04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
			04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
3351	15.9	(Actros)[OM542.940]	04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
			04.03-	113851	24 7.5	04.03-	115885	24 7.5 A49	
		(Actros MP2 / MP3)	04.03-	113351	28 100				
			04.03-	115497	28 80 A49				
			04.03-	115557	28 100 A49				
		(Actros)[OM542.960]	04.03-	113351	28 100	04.03-	111771	24 6.2	
			04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
			04.03-	115557	28 100 A49	04.03-	113851	24 7.5	
		(Actros MP2 / MP3)	04.03-	113351	28 100	04.03-	113609	24 6.2	
			04.03-	115497	28 80 A49				
04.03-	115557		28 100 A49						
(Actros MP2 / MP3)[OM542.961]	06.08-	113351	28 100						
	06.08-	115497	28 80 A49						
	06.08-	115557	28 100 A49						
3351	16.0	(Actros)[OM542.941]	04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
			04.03-	113851	24 7.5	04.03-	115885	24 7.5 A49	
			04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
3353	15.9	(Actros)[OM542.920]	04.97-	112561	28 80	04.97-10.02	111771	24 6.2	
			04.97-	113351	28 100	04.97-10.02	113609	24 6.2	
			04.97-	113448	28 100	04.97-10.02	113851	24 7.5	
			04.97-10.02	115497	28 80 A49	04.97-10.02	115885	24 7.5 A49	
			04.97-10.02	115557	28 100 A49				
		(Actros)[OM542.926]	04.97-10.02	115497	28 80 A49	04.97-10.02	115885	24 7.5 A49	
			04.97-10.02	115557	28 100 A49				
		(Actros)[OM542.943]	04.97-10.02	115497	28 80 A49	04.97-10.02	115885	24 7.5 A49	
			04.97-10.02	115557	28 100 A49				
3354	15.9	(Actros)[OM542.942]	04.03-	113351	28 100	04.03-	111771	24 6.2	
			04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
			04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
		(Actros)[OM542.962]	04.03-	113351	28 100	04.03-	111771	24 6.2	
			04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
			04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
3355	15.9	(Actros)[OM542.942]	04.03-	113351	28 100	04.03-	111771	24 6.2	
			04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
			04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
		(Actros)[OM542.962]	04.03-	113351	28 100	04.03-	111771	24 6.2	
			04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
			04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
(Actros MP2 / MP3)[OM542.963]	04.03-	112159	28 80	04.03-	113851	24 7.5			
3355	16.0	(Actros)[OM542.962]	04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
			04.03-	113851	24 7.5	04.03-	115885	24 7.5 A49	
			04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
			04.97-01.01	112561	28 80	04.97-10.02	111771	24 6.2	
			04.97-01.01	113351	28 100	04.97-10.02	113609	24 6.2	
			04.97-01.01	113448	28 100	04.97-10.02	113851	24 7.5	
(Actros)[OM542.944]	04.97-10.02	115497	28 80 A49	04.97-10.02	115885	24 7.5 A49			
	04.97-10.02	115557	28 100 A49						
	04.97-10.02	115497	28 80 A49	04.97-10.02	115885	24 7.5 A49			
	04.97-10.02	115557	28 100 A49						
3358	15.9	(Actros)[OM542.944]	04.03-	112561	28 80	04.03-	111771	24 6.2	
			04.03-	113351	28 100	04.03-	113609	24 6.2	
			04.03-	113448	28 100	04.03-	113851	24 7.5	
			04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
			04.03-	115557	28 100 A49				
		(Actros MP2 / MP3)	04.03-	112561	28 80				
3360	15.9	(Actros MP2 / MP3)[OM542.964]	04.03-	113351	28 100				
			04.03-	115497	28 80 A49				
			04.03-	115557	28 100 A49				
3525	14.6	(SK)[OM442.950]	07.87-02.91	113920	28 35				
			10.88-05.91	112159	28 80	07.87-07.92	110206	24 5.4	
3528	14.6	(NG)[OM422.905]	07.82-07.87	113920	28 35				
			07.82-07.87	113920	28 35				
		(NG)[OM422.919]	07.87-09.89	110895	28 55	07.82-09.89	110206	24 5.4	
			07.87-09.89	110906	28 30	07.87-09.89	113855	24 5.4	
			10.88-09.89	112159	28 80				
3529	15.1	(SK)[OM442.906]	07.88-08.94	113920	28 35				
			07.88-08.94	113920	28 35				
			07.88-08.94	113920	28 35				
3534	11.0	(SK)[OM441.988]	10.93-09.96	113920	28 35	10.93-	110206	24 5.4	
			10.93-09.96	113920	28 35	10.93-	110206	24 5.4	
			03.91-08.94	113920	28 35	03.91-08.94	110206	24 5.4	
3535	12.8	(SK)[OM402.982]	03.91-08.94	113920	28 35	03.91-08.94	110206	24 5.4	
			03.91-08.94	113920	28 35	03.91-08.94	110206	24 5.4	
3535	14.6	(SK)[OM440.940]	07.88-08.94	113920	28 35				
			07.87-09.96	113920	28 35	07.88-08.94	110206	24 5.4	
		(SK)[OM442.942]	07.88-08.94	113920	28 35	07.88-08.94	110206	24 5.4	
			10.88-08.94	112159	28 80	10.88-08.94	110206	24 5.4	
			10.88-08.94	113920	28 35				
		(SK)[OM442.944]	02.90-08.94	110895	28 55	02.90-08.94	110206	24 5.4	
			02.90-02.91	110906	28 30				
			02.90-08.94	112159	28 80				
		(SK)[OM442.945]	03.91-08.94	113920	28 35				
			09.87-02.90	110895	28 55	09.87-02.90	110206	24 5.4	
09.87-02.90	110906		28 30	09.87-02.90	113855	24 5.4			
(NG)[OM442.950]	10.88-02.90	112159	28 80						

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	(NG)[OM442.952]	09.87- 02.90	110895	28 55	09.87- 02.90	110206	24 5.4
		09.87- 02.90	110906	28 30	09.87- 02.90	113855	24 5.4
		10.88- 02.90	112159	28 80			
	(SK)[OM442.957]	02.90- 08.94	112159	28 80	02.90- 08.94	110206	24 5.4
		02.90- 08.94	113920	28 35			
	(NG)[OM442.959]	09.87- 01.89	110895	28 55	09.87- 01.89	110206	24 5.4
		09.87- 01.89	110906	28 30	09.87- 01.89	113855	24 5.4
		10.88- 01.89	112159	28 80			
	(SK)	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
		10.88- 08.94	112159	28 80			
	(SK)[OM442.964]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
		07.87- 09.96	113920	28 35	07.88- 08.94	110206	24 5.4
	(SK)[OM442.989]	10.88- 08.94	113920	28 35	10.88- 08.94	110206	24 5.4
3536 18.3	(NG)[OM423.907]	12.82- 11.91	113920	28 35	12.82- 11.91	112120	24 6.6
3538 12.8	(SK)[OM402.971]	09.91- 09.96	113920	28 35			
	(SK)[OM402.972]	09.91- 09.96	113920	28 35			
	(SK)[OM402.973]	03.91-	110895	28 55	03.91-	110210	24 6.6
		03.91-	112159	28 80			
		03.91- 09.96	113920	28 35	03.91- 09.96	110206	24 5.4
	(SK)[OM402.974]	09.91- 09.96	113920	28 35			
	(SK)[OM402.975]	09.91- 09.96	113920	28 35			
	(SK)[OM402.977]	09.91- 09.96	113920	28 35			
	(SK)[OM402.978]	03.91-	110895	28 55	03.91-	110210	24 6.6
		03.91-	112159	28 80			
		03.91- 09.96	113920	28 35	03.91- 09.96	110206	24 5.4
	(SK)[OM402.982]	03.91-	110895	28 55	03.91-	110210	24 6.6
		03.91-	112159	28 80			
		03.91- 09.96	113920	28 35	03.91-	110206	24 5.4
	(SK)[OM402.983]	03.91-	110895	28 55	03.91-	110206	24 5.4
		03.91-	112159	28 80			
		03.91- 09.96	113920	28 35	03.91-	110210	24 6.6
	(SK)[OM402.984]	09.91- 09.96	113920	28 35			
	(SK)[OM402.985]	09.91- 09.96	113920	28 35			
	(SK)[OM402.987]	03.91-	110895	28 55	03.91-	110210	24 6.6
		03.91-	112159	28 80			
		03.91- 09.96	113920	28 35	03.91- 09.96	110206	24 5.4
3538 14.6	(SK)[OM440.970]	03.91- 09.96	113920	28 35	03.91-	110206	24 5.4
					03.91-	110210	24 6.6
	(SK)[OM440.975]	03.91- 09.96	113920	28 35	03.91-	110206	24 5.4
					03.91-	110210	24 6.6
	(SK)[OM440.979]	03.91- 09.96	113920	28 35	03.91-	110206	24 5.4
					03.91-	110210	24 6.6
	(SK)[OM440.982]	03.91- 09.96	113920	28 35	03.91-	110206	24 5.4
					03.91-	110210	24 6.6
	(SK)[OM440.983]	03.91- 09.96	113920	28 35	03.91-	110206	24 5.4
					03.91-	110210	24 6.6
	(SK)[OM440.984]	03.91- 09.96	113920	28 35	03.91-	110206	24 5.4
					03.91-	110210	24 6.6
	(SK)[OM440.985]	05.92- 09.96	113920	28 35	05.92-	110206	24 5.4
					03.91-	110210	24 6.6
	(SK)[OM440.987]	03.91- 09.96	113920	28 35	03.91-	110210	24 6.6
	(SK)[OM440.990]	09.91- 09.96	113920	28 35			
	(SK)[OM442.989]	03.91- 09.96	113920	28 35	03.91-	110206	24 5.4
					03.91-	110210	24 6.6
	(SK)[OM442.997]				03.91-	110206	24 5.4
					03.91-	110210	24 6.6
	(SK)[OM446.924]	09.91- 09.96	113920	28 35			
	(SK)[OM446.926]	03.91- 09.96	113920	28 35	03.91-	110210	24 6.6
		01.94-	110895	28 55			
		01.94-	112159	28 80	01.94-	110206	24 5.4
	(SK)[OM446.930]	01.94-	110895	28 55			
		01.94-	112159	28 80	01.94-	110206	24 5.4
	(SK)[OM446.931]	01.94-	112159	28 80	01.94-	110206	24 5.4
	(SK)[OM446.939]	05.92- 09.96	113920	28 35	03.91-	110206	24 5.4
		01.94-	112159	28 80	03.91-	110210	24 6.6
	(SK)[OM446.940]	01.94-	112159	28 80	03.91-	110210	24 6.6
		01.94- 09.96	113920	28 35	03.91-	110206	24 5.4
3544 14.6	(SK)[OM440.970]	03.91- 09.96	113920	28 35	03.91- 09.96	110206	24 5.4
	(SK)[OM440.978]	01.92- 09.96	113920	28 35	01.92- 09.96	110206	24 5.4
	(SK)[OM440.980]	03.91- 09.96	113920	28 35			
	(SK)[OM440.985]	03.91- 09.96	113920	28 35			
	(NG)[OM442.951]	08.73- 09.96	112159	28 80	08.73- 09.96	110206	24 5.4
		09.87- 03.92	110895	28 55			
		09.87- 03.92	113920	28 35			
	(NG)[OM442.953]	09.87- 03.92	110895	28 55	09.87- 03.92	110206	24 5.4
		09.87- 03.92	113920	28 35			
	(NG)[OM442.980]	08.73- 09.96	112159	28 80	08.73- 09.96	110206	24 5.4
		09.87- 03.92	110895	28 55			
		09.87- 03.92	113920	28 35			
	(SK)[OM446.922]	01.92- 09.96	113920	28 35	01.92- 09.96	110206	24 5.4
3548 14.6	(SK)[OM440.975]	05.92- 09.96	113920	28 35			
	(SK)[OM442.993]	05.92- 09.96	113920	28 35			
3550 14.6	(SK)[OM440.975]	03.91- 09.96	113920	28 35	05.92-	110206	24 5.4
		05.92-	112159	28 80			
	(SK)[OM440.976]	05.92- 09.96	110895	28 55	12.93-	110206	24 5.4
		05.92- 09.96	112159	28 80			
		05.92- 09.96	113920	28 35			
	(SK)[OM440.982]	03.91- 09.96	113920	28 35			
	(SK)[OM442.993]				05.92-	110206	24 5.4
	(SK)[OM442.997]	03.91- 09.96	113920	28 35	05.92-	110206	24 5.4
		05.92- 09.96	111629	28 120			
3553 14.6	(SK)[OM440.975]	05.92- 09.96	110895	28 55			
		05.92- 09.96	113920	28 35			
	(SK)[OM446.920]				01.94- 09.96	110206	24 5.4
	(SK)[OM446.933]	01.96-	112159	28 80	01.96-	110206	24 5.4
3836 18.3	(NG)[OM423.907]	11.81- 03.91	113920	28 35	11.81- 03.91	112120	24 6.6

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3850 18.3	(NG)[OM423.950]	09.85- 08.94	110895	28 55	09.85- 08.94	110210	24 6.6	
		10.88- 08.94	112159	28 80	09.85- 08.94	112120	24 6.6	
4140 11.9	(Actros)[OM541.923]	04.97- 01.01	112561	28 80	04.97- 10.02	115885	24 7.5 A49	
		04.97- 01.01	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97- 01.01	113448	28 100				
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	113851	24 7.5	
					04.97- 10.02	113851	24 7.5	
	(Actros)[OM541.924]	04.97-	112561	28 80	04.97- 10.02	113851	24 7.5	
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2	
		04.97-	113448	28 100				
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	111771	24 6.2	
					04.97- 10.02	113609	24 6.2	
	(Actros)[OM541.944]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49	
					04.03-	113851	24 7.5	
					04.03-	111771	24 6.2	
					04.97- 10.02	113609	24 6.2	
					04.97- 10.02	113851	24 7.5	
(Actros)[OM541.945]	04.97-	112561	28 80	04.97- 10.02	113609	24 6.2		
	04.97-	113351	28 100	04.97- 10.02	113851	24 7.5		
	04.97-	113448	28 100					
	04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49		
	04.97- 10.02	115557	28 100 A49	04.97-	111771	24 6.2		
				04.97- 10.02	113609	24 6.2		
4141 11.9	(Actros)[OM541.974]	06.08-	113351	28 100	06.08-	113851	24 7.5	
		06.08-	115497	28 80 A49	06.08-	115885	24 7.5 A49	
					04.03-	111771	24 6.2	
	(Actros MP2 / MP3)	04.03-	112561	28 80	04.03-	111771	24 6.2	
	(Actros)[OM541.990]	06.08-	113351	28 100	06.08-	113851	24 7.5	
		06.08-	115497	28 80 A49	06.08-	115885	24 7.5 A49	
	(Actros MP2 / MP3)	04.03-	112561	28 80	04.03-	111771	24 6.2	
	(Actros MP2 / MP3)[OM541.991]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49				
		04.03-	115557	28 100 A49				
	4141 12.0	(Actros)[OM541.974]	04.03-	113351	28 100	04.03-	113609	24 6.2
			04.03-	115497	28 80 A49	04.03-	113851	24 7.5
					04.03-	115885	24 7.5 A49	
(Actros)[OM541.990]		04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
				04.03-	113851	24 7.5		
				04.03-	115885	24 7.5 A49		
4143 11.9	(Actros)[OM541.921]	04.97-	112561	28 80	04.97- 10.02	111771	24 6.2	
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2	
		04.97-	113448	28 100	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49	
		04.97- 10.02	115557	28 100 A49				
					04.97- 10.02	111771	24 6.2	
	(Actros)[OM541.925]	04.97-	112561	28 80	04.97- 10.02	111771	24 6.2	
		04.97-	113351	28 100	04.97- 10.02	113609	24 6.2	
		04.97-	113448	28 100	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49	
		04.97- 10.02	115557	28 100 A49				
					04.97- 10.02	115885	24 7.5 A49	
	(Actros)[OM541.946]	04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49	
		04.97- 10.02	115557	28 100 A49				
					04.97- 10.02	113851	24 7.5	
					04.97- 10.02	113609	24 6.2	
					04.97- 10.02	115885	24 7.5 A49	
					04.97- 10.02	113851	24 7.5	
4144 11.9	(Actros)[OM541.925]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
					04.03-	113851	24 7.5	
	(Actros)[OM541.946]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
				04.03-	113851	24 7.5		
	(Actros MP2 / MP3)	04.03-	113448	28 100	04.03-	115885	24 7.5 A49	
	(Actros MP2 / MP3)[OM541.947]	04.03-	113448	28 100	04.03-	111771	24 6.2	
	(Actros)[OM541.976]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
				04.03-	111771	24 6.2		
				04.03-	113609	24 6.2		
4144 12.0	(Actros)[OM541.976]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
					04.03-	115885	24 7.5 A49	
	(Actros)[OM541.992]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
				04.03-	115885	24 7.5 A49		
	4146 11.9	(Actros)[OM541.948]	04.03-	113351	28 100	04.03-	113609	24 6.2
			04.03-	115497	28 80 A49	04.03-	113851	24 7.5
						04.03-	115885	24 7.5 A49
		(Actros MP2 / MP3)	04.03-	112561	28 80			
		(Actros MP2 / MP3)[OM541.949]	04.03-	112561	28 80			
		(Actros)[OM541.980]	04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
				04.03-	115885	24 7.5 A49		
(Actros MP2 / MP3)		04.03-	112561	28 80				
(Actros)[OM541.994]		04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
				04.03-	115885	24 7.5 A49		
	(Actros MP2 / MP3)	04.03-	112561	28 80				

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4148 11.9	(Actros)[OM541.948]	03.00-	115497	28 80 A49	04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Actros MP2 / MP3)	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49			
	(Actros MP2 / MP3)[OM541.949]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49			
	(Actros)[OM541.978]	03.00- 06.08- 04.03-	115497 113351 115497	28 80 A49 28 100 28 80 A49	04.03- 06.08- 04.03-	115885 113851	24 7.5 A49 24 7.5
	(Actros MP2 / MP3)	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49			
	(Actros)[OM542.921]	04.97- 04.97- 04.97- 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49	04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	(Actros)[OM542.925]	04.97- 01.01 04.97- 01.01 04.97- 01.01 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49	04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	(Actros MP2 / MP3)[OM542.940]	04.03-	113448	28 100			
	(Actros MP2 / MP3)[OM542.941]	04.03- 04.03-	112561 113448	28 80 28 100			
	(Actros MP2 / MP3)[OM542.961]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49			
	(Actros)[OM542.960]	05.05-	115497	28 80 A49	05.05- 05.05- 05.05-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Actros)[OM542.956]	10.02-	112159	28 80			
(Actros)[OM542.957]	10.02-	112159	28 80				
(SK)[OM440.970]	12.91- 08.94	113920	28 35				
(SK)[OM440.979]	12.91- 08.94	113920	28 35				
(SK)[OM440.984]	03.91- 09.96	113920	28 35				
(SK)[OM446.940]	03.91- 09.96	113920	28 35				
(SK)[OM423.950]				07.87- 08.96	110206	24 5.4	
(Atego)[OM906.919]	01.98- 10.04 01.98- 10.04 01.98- 10.04 01.98- 10.04 01.98- 10.04	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 28 100 A49				
(Atego)[OM906.939]	01.98- 10.04 01.98- 10.04 01.98- 10.04 01.98- 10.04 01.98- 10.04	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 28 100 A49	01.98- 10.04	114523	24 4.0	
(Atego 2)				01.11-	111982	24 4.0	
(Atego 2)				01.11-	114086	24 5.5	
(Atego 2)				01.11-	115896	24 5.5 A49	
(SK)[OM442.997]	07.88- 08.94	112159	28 80				
(Actros)[OM542.958]	05.05- 05.05- 05.05-	113351 115497 115557	28 100 28 80 A49 28 100 A49	05.05- 05.05-	113851 115885	24 7.5 24 7.5 A49	
(Atego 2)[OM902.916]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	114086 114523 115896	24 5.5 24 4.0 24 5.5 A49	
(Atego 2)[OM902.917]	10.04- 10.04- 10.04-	115557 113351 115497	28 100 A49 28 100 28 80 A49	10.04- 10.04- 10.04-	115514 114086 115514	24 4.0 A49 24 5.5 24 4.0 A49	
(Atego 2)[OM902.918]	10.04- 10.04-	115557 113351	28 100 A49 28 100	10.04- 10.04-	115896 114086	24 5.5 A49 24 5.5	
(Atego 2)[OM902.916]	10.04- 10.04-	115557 113351	28 100 A49 28 100	10.04- 10.04-	115514 114086	24 4.0 A49 24 5.5	
(Atego 2)[OM902.917]	10.04- 10.04-	115557 113351	28 100 A49 28 100	10.04- 10.04-	115514 114086	24 4.0 A49 24 5.5	
(Atego 2)[OM902.918]	10.04- 10.04-	115557 113351	28 100 A49 28 100	10.04- 10.04-	115514 114086	24 4.0 A49 24 5.5	
(Atego 2)				01.12-	111982	24 4.0	
(Atego 2)				01.12-	114086	24 5.5	
(Atego 2)				01.12-	115896	24 5.5 A49	
(Actros MP2 / MP3)[OM541.970]	06.08- 06.08-	113351 115497	28 100 28 80	06.08- 06.08-	113851 115885	24 7.5 24 7.5	
(Actros MP2 / MP3)[OM541.996]	06.08- 06.08-	113351 115497	28 100 28 80	06.08- 06.08-	113851 115885	24 7.5 24 7.5	
(Actros MP2 / MP3)[OM541.972]	06.08- 06.08-	113351 115497	28 100 28 80				
(Actros MP2 / MP3)[OM541.998]	06.08- 06.08-	113351 115497	28 100 28 80				
(Actros MP2 / MP3)[OM541.974]	06.08- 06.08-	113351 115497	28 100 28 80				
(Actros MP2 / MP3)[OM541.990]	06.08- 06.08-	113351 115497	28 100 28 80				

## STARTERS & ALTERNATORS



2442 LS 12.8	(Actros MP4)[OM471.900]					07.11-	113851	24	7.5		
	(Actros MP4)[OM471.909]					07.11-	115885	24	7.5	A49	
2444 LS 11.9	(Actros MP2 / MP3)[OM541.976]	06.08-	113351	28	100						
	(Actros MP2 / MP3)[OM541.992]	06.08-	115497	28	80						
2445 LS 12.8	(Actros MP4)[OM471.900]					07.11-	113851	24	7.5		
	(Actros MP4)[OM471.909]					07.11-	115885	24	7.5	A49	
2446 LS 11.9	(Actros MP2 / MP3)[OM541.980]	06.08-	113351	28	100	06.08-	113851	24	7.5		
	(Actros MP2 / MP3)[OM541.994]	06.08-	115497	28	80	06.08-	115885	24	7.5		
2448 LS 11.9	(Actros MP2 / MP3)[OM541.978]	06.08-	113351	28	100						
		06.08-	115497	28	80						
2448 LS 12.8	(Actros MP4)[OM471.900]					07.11-	113851	24	7.5		
						07.11-	115885	24	7.5	A49	
2451 LS 12.8	(Actros MP4)[OM471.900]					07.11-	113851	24	7.5		
	(Actros MP4)[OM471.909]					07.11-	115885	24	7.5	A49	
2451 LS 15.9	(Actros MP2 / MP3)[OM542.960]	06.08-	113351	28	100						
		06.08-	115497	28	80						
2455 LS 15.9	(Actros MP2 / MP3)[OM542.962]	06.08-	113351	28	100						
		06.08-	115497	28	80						
2460 LS 15.9	(Actros MP2 / MP3)[OM542.964]	06.08-	113351	28	100						
		06.08-	115497	28	80						
2532 LS 11.9	(Actros MP2 / MP3)[OM541.920]	04.03-	113351	28	100	04.03-	111771	24	6.2		
		04.03-	113448	28	100	04.03-	113609	24	6.2		
		04.03-	115497	28	80	A49	04.03-	113851	24	7.5	
							04.03-	115885	24	7.5	A49
	(Actros MP2 / MP3)[OM541.940]	04.03-	113351	28	100	04.03-	111771	24	6.2		
		04.03-	113448	28	100	04.03-	113609	24	6.2		
		04.03-	115497	28	80	A49	04.03-	113851	24	7.5	
							04.03-	115885	24	7.5	A49
	(Actros MP2 / MP3)[OM541.970]	04.03-	113351	28	100	04.03-	111771	24	6.2		
		04.03-	113448	28	100	04.03-	113609	24	6.2		
		04.03-	115497	28	80	A49	04.03-	113851	24	7.5	
							04.03-	115885	24	7.5	A49
2532 L 11.9	(Actros MP2 / MP3)[OM541.920]	04.03-	113351	28	100	04.03-	111771	24	6.2		
		04.03-	113448	28	100	04.03-	113609	24	6.2		
		04.03-	115497	28	80	A49	04.03-	113851	24	7.5	
							04.03-	115885	24	7.5	A49
	(Actros MP2 / MP3)[OM541.940]	04.03-	113351	28	100	04.03-	111771	24	6.2		
		04.03-	113448	28	100	04.03-	113609	24	6.2		
		04.03-	115497	28	80	A49	04.03-	113851	24	7.5	
							04.03-	115885	24	7.5	A49
	(Actros MP2 / MP3)[OM541.970]	04.03-	113351	28	100	04.03-	111771	24	6.2		
		04.03-	113448	28	100	04.03-	113609	24	6.2		
		04.03-	115497	28	80	A49	04.03-	113851	24	7.5	
							04.03-	115885	24	7.5	A49
2536 L 11.9	(Actros MP2 / MP3)[OM541.922]	04.03-	113351	28	100	04.03-	111771	24	6.2		
		04.03-	113448	28	100	04.03-	113609	24	6.2		
		04.03-	115497	28	80	A49	04.03-	113851	24	7.5	
							04.03-	115885	24	7.5	A49
	(Actros MP2 / MP3)[OM541.942]	04.03-	113351	28	100	04.03-	111771	24	6.2		
		04.03-	113448	28	100	04.03-	113609	24	6.2		
		04.03-	115497	28	80	A49	04.03-	113851	24	7.5	
							04.03-	115885	24	7.5	A49
	(Actros MP2 / MP3)[OM541.943]	04.03-	113351	28	100	04.03-	111771	24	6.2		
		04.03-	113448	28	100	04.03-	113609	24	6.2		
		04.03-	115497	28	80	A49	04.03-	113851	24	7.5	
							04.03-	115885	24	7.5	A49
2536 LS 11.9	(Actros MP2 / MP3)[OM541.922]	04.03-	112561	28	80	04.03-	111771	24	6.2		
		04.03-	113351	28	100	04.03-	113609	24	6.2		
		04.03-	113448	28	100						
		04.03-	115497	28	80	A49					
	(Actros MP2 / MP3)[OM541.942]	04.03-	112561	28	80	04.03-	111771	24	6.2		
		04.03-	113351	28	100	04.03-	113609	24	6.2		
		04.03-	113448	28	100						
		04.03-	115497	28	80	A49					
	(Actros MP2 / MP3)[OM541.943]	04.03-	112561	28	80	04.03-	111771	24	6.2		
		04.03-	113351	28	100	04.03-	113609	24	6.2		
		04.03-	113448	28	100						
		04.03-	115497	28	80	A49					
2541 L 11.9	(Actros MP2 / MP3)[OM541.923]	04.03-	113351	28	100	04.03-	111771	24	6.2		
		04.03-	113448	28	100	04.03-	113609	24	6.2		
		04.03-	115497	28	80	A49					
	(Actros MP2 / MP3)[OM541.944]	04.03-	113351	28	100	04.03-	111771	24	6.2		
		04.03-	113448	28	100	04.03-	113609	24	6.2		
		04.03-	115497	28	80	A49					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

MERCEDES-BENZ Continued

	(Actros MP2 / MP3)[OM541.974]	04.03-113351	28 100		04.03-111771	24 6.2
		04.03-113448	28 100		04.03-113609	24 6.2
		04.03-115497	28 80 A49			
	(Actros MP2 / MP3)[OM541.990]	04.03-113351	28 100		04.03-111771	24 6.2
		04.03-113448	28 100		04.03-113609	24 6.2
		04.03-115497	28 80 A49			
2541 LS 11.9	(Actros MP2 / MP3)[OM541.923]	04.03-112561	28 80		04.03-111771	24 6.2
		04.03-113351	28 100		04.03-113609	24 6.2
		04.03-113448	28 100			
		04.03-115497	28 80 A49			
	(Actros MP2 / MP3)[OM541.944]	04.03-112561	28 80		04.03-111771	24 6.2
		04.03-113351	28 100		04.03-113609	24 6.2
		04.03-113448	28 100			
		04.03-115497	28 80 A49			
2544 L 11.9	(Actros MP2 / MP3)[OM541.925]	04.03-113351	28 100		04.03-111771	24 6.2
		04.03-113448	28 100		04.03-113609	24 6.2
		04.03-115497	28 80 A49			
	(Actros MP2 / MP3)[OM541.946]	04.03-113351	28 100		04.03-111771	24 6.2
		04.03-113448	28 100		04.03-113609	24 6.2
		04.03-115497	28 80 A49			
	(Actros MP2 / MP3)[OM541.976]	04.03-113351	28 100		04.03-111771	24 6.2
		04.03-113448	28 100		04.03-113609	24 6.2
		04.03-115497	28 80 A49			
	(Actros MP2 / MP3)[OM541.992]	04.03-113351	28 100		04.03-111771	24 6.2
		04.03-113448	28 100		04.03-113609	24 6.2
		04.03-115497	28 80 A49			
2544 LS 11.9	(Actros MP2 / MP3)[OM541.925]	04.03-112561	28 80		04.03-111771	24 6.2
		04.03-113351	28 100		04.03-113609	24 6.2
		04.03-113448	28 100			
		04.03-115497	28 80 A49			
	(Actros MP2 / MP3)[OM541.946]	04.03-112561	28 80		04.03-111771	24 6.2
		04.03-113351	28 100		04.03-113609	24 6.2
		04.03-113448	28 100			
		04.03-115497	28 80 A49			
	(Actros MP2 / MP3)[OM541.976]	04.03-112561	28 80		04.03-111771	24 6.2
		04.03-113351	28 100		04.03-113609	24 6.2
		04.03-113448	28 100			
		04.03-115497	28 80 A49			
2546 L 11.9	(Actros MP2 / MP3)[OM541.948]	04.03-112561	28 80		04.03-113609	24 6.2
		04.03-113351	28 100		04.03-113851	24 7.5
		04.03-115497	28 80 A49		04.03-115885	24 7.5 A49
	(Actros MP2 / MP3)[OM541.980]	04.03-112561	28 80		04.03-113609	24 6.2
		04.03-113351	28 100		04.03-113851	24 7.5
		04.03-115497	28 80 A49		04.03-115885	24 7.5 A49
	(Actros MP2 / MP3)[OM541.994]	04.03-112561	28 80		04.03-113609	24 6.2
		04.03-113351	28 100		04.03-113851	24 7.5
		04.03-115497	28 80 A49		04.03-115885	24 7.5 A49
2546 LS 11.9	(Actros MP2 / MP3)[OM541.948]	04.03-112561	28 80		04.03-113851	24 7.5
		04.03-113351	28 100		04.03-115885	24 7.5 A49
		04.03-115497	28 80 A49			
	(Actros MP2 / MP3)[OM541.980]	04.03-112561	28 80		04.03-113851	24 7.5
		04.03-113351	28 100		04.03-115885	24 7.5 A49
		04.03-115497	28 80 A49			
2546 LS 12.0	(Actros MP2 / MP3)	12.09-113351	28 100			
	(Actros MP2 / MP3)	12.09-115497	28 80			
2548 L 11.9	(Actros MP2 / MP3)[OM541.948]	04.03-113351	28 100			
		04.03-115497	28 80 A49			
	(Actros MP2 / MP3)[OM541.978]	04.03-113351	28 100			
		04.03-115497	28 80 A49			
2548 LS 11.9	(Actros MP2 / MP3)[OM541.948]	04.03-113351	28 100			
		04.03-115497	28 80 A49			
	(Actros MP2 / MP3)[OM541.978]	04.03-113351	28 100			
		04.03-115497	28 80 A49			
2551 L 15.9	(Actros MP2 / MP3)[OM542.960]	04.03-113351	28 100			
		04.03-115497	28 80 A49			
2555 L 15.9	(Actros MP2 / MP3)[OM542.962]	04.03-113351	28 100			
		04.03-115497	28 80 A49			
2560 L 15.9	(Actros MP2 / MP3)[OM542.964]	04.03-113351	28 100			
		04.03-115497	28 80 A49			
2636 K 12.0	(Axor 2)[OM457.937]	10.04-113351	28 100		10.04-113609	24 6.2
		10.04-115497	28 80 A49		10.04-113851	24 7.5
					10.04-115885	24 7.5 A49
	(Axor 2)[OM457.948]	10.04-113351	28 100		10.04-113609	24 6.2
		10.04-115497	28 80 A49		10.04-113851	24 7.5
					10.04-115885	24 7.5 A49
	(Axor 2)[OM457.956]	10.04-113351	28 100		10.04-113609	24 6.2
		10.04-115497	28 80 A49		10.04-113851	24 7.5
					10.04-115885	24 7.5 A49
	(Axor 2)[OM457.957]	10.04-113351	28 100		10.04-113609	24 6.2
		10.04-115497	28 80 A49		10.04-113851	24 7.5
					10.04-115885	24 7.5 A49
	(Axor 2)[OM457.980]	10.04-113351	28 100		10.04-113609	24 6.2
		10.04-115497	28 80 A49		10.04-113851	24 7.5
					10.04-115885	24 7.5 A49
	(Axor 2)[OM457.981]	10.04-113351	28 100		10.04-113609	24 6.2
		10.04-115497	28 80 A49		10.04-113851	24 7.5
					10.04-115885	24 7.5 A49
2640 B 12.0	(Axor 2)[OM457.956]	10.04-113351	28 100		10.04-113609	24 6.2
		10.04-115497	28 80 A49		10.04-113851	24 7.5
					10.04-115885	24 7.5 A49
	(Axor 2)[OM457.957]	10.04-113351	28 100		10.04-113609	24 6.2
		10.04-115497	28 80 A49		10.04-113851	24 7.5
					10.04-115885	24 7.5 A49
	(Axor 2)[OM457.980]	10.04-113351	28 100		10.04-113609	24 6.2
		10.04-115497	28 80 A49		10.04-113851	24 7.5
					10.04-115885	24 7.5 A49

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	(Axor 2)[OM457.981]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
2640 K 12.0	(Axor 2)[OM457.956]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Axor 2)[OM457.957]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Axor 2)[OM457.980]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Axor 2)[OM457.981]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
2642 L 12.8	(Antos)[OM471.900]				07.12- 07.12-	113851 115885	24 7.5 24 7.5 A49
2642 LS 12.8	(Actros MP4)[OM471.900]				07.11- 07.11-	113851 115885	24 7.5 24 7.5 A49
	(Antos)				07.12- 07.12-	113851 115885	24 7.5 24 7.5 A49
	(Actros MP4)[OM471.909]				07.11- 07.11-	113851 115885	24 7.5 24 7.5 A49
2643 B 12.0	(Axor 2)[OM457.956]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Axor 2)[OM457.957]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Axor 2)[OM457.980]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Axor 2)[OM457.981]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
2643 K 12.0	(Axor 2)[OM457.956]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Axor 2)[OM457.957]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Axor 2)[OM457.980]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Axor 2)[OM457.981]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
2645 L 12.8	(Actros MP4)[OM471.900]				07.11- 07.11-	113851 115885	24 7.5 24 7.5 A49
	(Antos)				07.12- 07.12-	113851 115885	24 7.5 24 7.5 A49
	(Actros MP4)[OM471.909]				07.11- 07.11-	113851 115885	24 7.5 24 7.5 A49
2645 LS 12.8	(Actros MP4)[OM471.900]				07.11- 07.11-	113851 115885	24 7.5 24 7.5 A49
	(Antos)				07.12- 07.12-	113851 115885	24 7.5 24 7.5 A49
	(Actros MP4)[OM471.909]				07.11- 07.11-	113851 115885	24 7.5 24 7.5 A49
2648 L 12.8	(Actros MP4)[OM471.900]				07.11- 07.11-	113851 115885	24 7.5 24 7.5 A49
	(Antos)				07.12- 07.12-	113851 115885	24 7.5 24 7.5 A49
2648 LS 12.8	(Actros MP4)[OM471.900]				07.11- 07.11-	113851 115885	24 7.5 24 7.5 A49
	(Antos)				07.12- 07.12-	113851 115885	24 7.5 24 7.5 A49
2651 L 12.8	(Actros MP4)[OM471.900]				07.11- 07.11-	113851 115885	24 7.5 24 7.5 A49
	(Antos)				07.12- 07.12-	113851 115885	24 7.5 24 7.5 A49
2651 LS 12.8	(Actros MP4)[OM471.900]				07.11- 07.11-	113851 115885	24 7.5 24 7.5 A49
	(Antos)				07.12- 07.12-	113851 115885	24 7.5 24 7.5 A49
	(Actros MP4)[OM471.909]				07.11- 07.11-	113851 115885	24 7.5 24 7.5 A49
2729 B 7.2	(Atron)				01.12- 01.12-	111982 114086	24 4.0 24 5.5
	(Atron)				01.12- 01.12-	115896 111982	24 5.5 A49 24 4.0
2729 K 7.2	(Atron)				01.12- 01.12-	111982 114086	24 4.0 24 5.5
	(Atron)				01.12- 01.12-	115896 111982	24 5.5 A49 24 4.0
3236 B 12.0	(Axor 2)[OM457.956]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Axor 2)[OM457.957]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Axor 2)[OM457.980]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	(Axor 2)[OM457.981]	10.04- 10.04-	113351 115497	28 100 28 80 A49	10.04- 10.04- 10.04-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MERCEDES-BENZ Continued

3236 K 12.0	(Axor 2)[OM457.956]	10.04-	113351	28 100	10.04-	113609	24 6.2		
		10.04-	115497	28 80 A49	10.04-	113851	24 7.5		
	(Axor 2)[OM457.957]	10.04-	113351	28 100	10.04-	113609	24 6.2		
		10.04-	115497	28 80 A49	10.04-	113851	24 7.5		
	(Axor 2)[OM457.980]	10.04-	113351	28 100	10.04-	113609	24 6.2		
		10.04-	115497	28 80 A49	10.04-	113851	24 7.5		
	(Axor 2)[OM457.981]	10.04-	113351	28 100	10.04-	113609	24 6.2		
		10.04-	115497	28 80 A49	10.04-	113851	24 7.5		
	3240 B 12.0	(Axor 2)[OM457.956]	10.04-	113351	28 100	10.04-	113609	24 6.2	
			10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
		(Axor 2)[OM457.957]	10.04-	113351	28 100	10.04-	113609	24 6.2	
			10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
(Axor 2)[OM457.980]		10.04-	113351	28 100	10.04-	113609	24 6.2		
		10.04-	115497	28 80 A49	10.04-	113851	24 7.5		
(Axor 2)[OM457.981]		10.04-	113351	28 100	10.04-	113609	24 6.2		
		10.04-	115497	28 80 A49	10.04-	113851	24 7.5		
3240 K 12.0		(Axor 2)[OM457.956]	10.04-	113351	28 100	10.04-	113609	24 6.2	
			10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
		(Axor 2)[OM457.957]	10.04-	113351	28 100	10.04-	113609	24 6.2	
			10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
	3243 B 12.0	(Axor 2)[OM457.956]	10.04-	113351	28 100	10.04-	113609	24 6.2	
			10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
		(Axor 2)[OM457.957]	10.04-	113351	28 100	10.04-	113609	24 6.2	
			10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
		(Axor 2)[OM457.980]	10.04-	113351	28 100	10.04-	113609	24 6.2	
			10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
		(Axor 2)[OM457.981]	10.04-	113351	28 100	10.04-	113609	24 6.2	
			10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
3243 K 12.0		(Axor 2)[OM457.956]	10.04-	113351	28 100	10.04-	113609	24 6.2	
			10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
		(Axor 2)[OM457.957]	10.04-	113351	28 100	10.04-	113609	24 6.2	
			10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
	(Axor 2)[OM457.980]	10.04-	113351	28 100	10.04-	113609	24 6.2		
		10.04-	115497	28 80 A49	10.04-	113851	24 7.5		
	(Axor 2)[OM457.981]	10.04-	113351	28 100	10.04-	113609	24 6.2		
		10.04-	115497	28 80 A49	10.04-	113851	24 7.5		
	3340 K 12.0	(Axor 2)[OM457.918]	10.04-	115497	28 80 A49	10.04-	113609	24 6.2	
			10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
		(Axor 2)[OM457.937]	10.04-	115497	28 80 A49	10.04-	113609	24 6.2	
			10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
(Axor 2)[OM457.956]		10.04-	115497	28 80 A49	10.04-	113609	24 6.2		
		10.04-	115497	28 80 A49	10.04-	113851	24 7.5		
(Axor 2)[OM457.957]		10.04-	115497	28 80 A49	10.04-	113609	24 6.2		
		10.04-	115497	28 80 A49	10.04-	113851	24 7.5		
3343 B 12.0		(Axor 2)[OM457.956]	10.04-	115497	28 80 A49	10.04-	113609	24 6.2	
			10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
		(Axor 2)[OM457.957]	10.04-	115497	28 80 A49	10.04-	113609	24 6.2	
			10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
4140 B 12.0	(Axor 2)[OM457.956]	01.11-	113351	28 100					
		01.11-	115497	28 80 A49					
		01.11-	115557	28 100 A49					
	(Axor 2)[OM457.957]	01.11-	113351	28 100					
		01.11-	115497	28 80 A49					
		01.11-	115557	28 100 A49					
4140 K 12.0	(Axor 2)[OM457.956]	06.09-	111833	28 140 w/ bushing in rear brackethole	06.09-	110206	24 5.4		
		06.09-	113351	28 100	06.09-	113608	24 6.2		
		06.09-	115497	28 80 A49	06.09-	113851	24 7.5		
		06.09-	116063	28 140 w/o bushing in rear brackethole	06.09-	115885	24 7.5 A49		
	(Axor 2)[OM457.957]	06.09-	111833	28 140 w/ bushing in rear brackethole	06.09-	110206	24 5.4		
		06.09-	113351	28 100	06.09-	113608	24 6.2		
		06.09-	115497	28 80 A49	06.09-	113851	24 7.5		
		06.09-	116063	28 140 w/o bushing in rear brackethole	06.09-	115885	24 7.5 A49		
		4143 K 12.0	(Axor 2)[OM457.956]	06.09-	111833	28 140 w/ bushing in rear brackethole	06.09-	110206	24 5.4
				06.09-	113351	28 100	06.09-	113608	24 6.2
		06.09-	115497	28 80 A49	06.09-	113851	24 7.5		
		06.09-	116063	28 140 w/o bushing in rear brackethole	06.09-	115885	24 7.5 A49		

## STARTERS & ALTERNATORS



	(Axor 2)[OM457.957]	06.09- 06.09- 06.09- 06.09-	111833 113351 115497 116063	28 140 w/ bushing in rear brackethole 28 100 28 80 A49 28 140 w/o bushing in rear brackethole	06.09- 06.09- 06.09- 06.09-	110206 113609 113851 115885	24 5.4 24 6.2 24 7.5 24 7.5 A49
4148 K 12.0	(Actros)[OM541.948]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49			
925 AF 6.4	(Atego)[OM906.911]	01.98- 09.04	112561	28 80			
Citaro (O 530) 10.7	(Citaro)	05.12-	115808	28 150			
Citaro (O 530) 7.7	(Citaro)	05.12-	115808	28 150			
M L 12.8 632 430 450	[OM471.902]		115805	28 150			
O 100 2.9 Diesel	[OM602.940]	01.94- 01.94- 06.96-	112734 113768 112529	14 80 14 95 14 90	01.94-	113389	12 2.2
O 301 6.0	[OM366.917]				06.86- 05.87	110524	24 4.0
	[OM366.965]				02.86- 05.87	110524	24 4.0
O 302 5.7	[OM352.980]				12.69- 12.74 11.64- 11.75	110512 110601	24 5.4 24 5.4
	[OM352.993]				12.69- 12.74 11.64- 11.75	110512 110601	24 5.4 24 5.4
O 302 8.7	[OM360.916]				05.69- 12.74 12.69- 12.74	110512 110531	24 5.4 24 6.6
	[OM360.979]				05.69- 12.74 12.69- 12.74	110512 110531	24 5.4 24 6.6
	[OM360.980]				05.69- 12.74 12.69- 12.74	110512 110531	24 5.4 24 6.6
	[OM360.981]				05.69- 12.74 12.69- 12.74	110601 110531	24 5.4 24 6.6
	[OM360.984]				05.69- 12.74 12.69- 12.74	110512 110531	24 5.4 24 6.6
	[OM360.985]				05.69- 12.74 12.69- 12.74	110512 110531	24 5.4 24 6.6
	[OM360.986]				05.69- 12.74 12.69- 12.74	110601 110531	24 5.4 24 6.6
O 303 11.0	[OM421.908]	01.80- 04.89 01.80- 09.92 01.80- 09.92 AC 01.80- 04.89	111629 111833 116063 111629	28 120 28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole 28 120	01.80- 04.89	110206	24 5.4
	[OM421.951]	11.85- 04.89 11.85- 04.89 AC 01.87- 04.89	111833 116063 111629	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole 28 120	05.83- 09.87 11.85- 09.87	110210 110210	24 6.6 24 6.6
	[OM441.908]	01.80- 09.92 01.80- 09.92 01.80- 09.92 AC 01.80- 09.92	111629 111833 116063 111629	28 120 28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole 28 120	01.80- 04.89 05.83- 09.87	110206 110210	24 5.4 24 6.6
	[OM441.909]	01.80- 09.92 01.80- 09.92 01.80- 09.92 AC 01.80- 09.92	111629 111833 116063 111629	28 120 28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole 28 120	05.83- 09.87 01.80- 04.89	110210 110210	24 6.6 24 5.4
	[OM441.911]	01.80- 01.89 01.80- 01.89 01.87- 04.89 AC 01.80- 04.89	111833 116063 111629 111629	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole 28 120 28 120	05.83- 09.87 01.80- 04.89	110210 110210	24 6.6 24 5.4
	[OM441.918]	01.80- 01.89 01.80- 01.89 01.87- 04.89 AC 01.80- 01.89	111833 116063 111629 111629	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole 28 120 28 120	05.83- 09.87 01.80- 01.89	110210 110210	24 6.6 24 5.4
	[OM441.950]	12.87- 09.92 12.87- 09.92 AC 12.87- 09.92	111833 116063 111629	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole 28 120	12.87- 09.92	110206	24 5.4
	[OM441.953]	12.87- 09.92 12.87- 09.92 AC 12.87- 09.92	111833 116063 111629	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole 28 120	12.87- 09.92	110206	24 5.4
O 303 12.8	[OM402.907]	12.78- 06.83	111629	28 120	03.77- 06.83 03.75- 02.77	110206 110210	24 5.4 24 6.6
O 303 14.6	[OM422.908]	01.80- 12.83 01.80- 09.87 01.80- 09.87 Klim 01.80- 09.87 AC 01.87- 09.87	111629 111833 116063 113920 111629	28 120 28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole 28 35 28 120	01.80- 09.87 05.83- 09.87	110206 110210	24 5.4 24 6.6
	[OM422.917]	01.80- 12.83 01.80- 09.87 01.80- 09.87 AC 01.87- 09.87	111629 111833 116063 111629	28 120 28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole 28 120	05.83- 09.87 01.80- 09.87	110210 110206	24 6.6 24 5.4
	[OM422.951]	08.80- 12.83 08.80- 09.87 08.80- 09.87 AC 01.87- 09.87	111629 111833 116063 111629	28 120 28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole 28 120	05.83- 09.87 08.80- 09.87	110210 110206	24 6.6 24 5.4
	[OM422.963]	08.80- 12.83 08.80- 09.87 08.80- 09.87 AC 01.87- 09.87	111629 111833 116063 111629	28 120 28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole 28 120	05.83- 09.87 08.80- 09.87	110210 110206	24 6.6 24 5.4
	[OM442.954]	09.87- 09.92 09.87- 09.92 AC 09.87- 09.92	111833 116063 111629	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole 28 120	09.87- 09.92	110206	24 5.4
	[OM442.955]	09.87- 09.92 09.87- 09.92 AC 09.87- 09.92	111833 116063 111629	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole 28 120	09.87- 09.92	110206	24 5.4
	[OM442.960]	09.87- 09.92 09.87- 09.92 AC 09.87- 09.92	111833 116063 111629	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole 28 120	09.87- 09.92	110206	24 5.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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	[OM442.961]	09.87- 09.92 111833	28 140 w/ bushing in rear brackethole					
		09.87- 09.92 116063	28 140 w/o bushing in rear brackethole					
		AC 09.87- 09.92 111629	28 120		09.87- 09.92	110206	24	5.4
O 303 15.1	[OM442.910]	09.87- 09.92 111833	28 140 w/ bushing in rear brackethole					
		09.87- 09.92 116063	28 140 w/o bushing in rear brackethole					
		AC 09.87- 09.92 111629	28 120		09.87- 09.92	110206	24	5.4
	[OM442.911]	09.87- 09.92 111833	28 140 w/ bushing in rear brackethole					
		09.87- 09.92 116063	28 140 w/o bushing in rear brackethole					
		AC 09.87- 09.92 111629	28 120		09.87- 09.92	110206	24	5.4
	[OM442.918]	09.87- 09.92 111833	28 140 w/ bushing in rear brackethole					
		09.87- 09.92 116063	28 140 w/o bushing in rear brackethole					
		AC 09.87- 09.92 111629	28 120		09.87- 09.92	110206	24	5.4
	[OM442.919]	09.87- 09.92 111833	28 140 w/ bushing in rear brackethole					
		09.87- 09.92 116063	28 140 w/o bushing in rear brackethole					
		AC 09.87- 09.92 111629	28 120		09.87- 09.92	110206	24	5.4
	[OM442.939]	09.87- 09.92 111833	28 140 w/ bushing in rear brackethole					
		09.87- 09.92 116063	28 140 w/o bushing in rear brackethole					
		AC 09.87- 09.92 111629	28 120		09.87- 09.92	110206	24	5.4
O 303 15.9	[OM403.918]	12.78- 06.83 111629	28 120		07.75- 06.83	110210	24	6.6
O 303 9.6	[OM401.907]				10.74- 06.83	110206	24	5.4
	[OM401.908]				10.74- 06.83	110206	24	5.4
					10.74- 02.77	110210	24	6.6
	[OM401.912]	12.78- 06.83 111629	28 120		03.77- 06.83	110206	24	5.4
					10.74- 02.77	110210	24	6.6
O 305 11.0	[OM407.905]				04.73- 07.77	110210	24	6.6
	[OM407.908]				04.73- 07.77	110210	24	6.6
	[OM407.909]				04.73- 07.77	110210	24	6.6
	[OM407.911]				04.73- 07.77	110210	24	6.6
O 305 11.4	[OM407.913]	12.78- 05.87 111629	28 120		11.76- 05.87	110210	24	6.6
	[OM407.914]	12.78- 05.87 111629	28 120		11.76- 05.87	110210	24	6.6
	[OM407.917]	12.78- 05.87 111629	28 120		11.76- 05.87	110210	24	6.6
	[OM407.919]	12.78- 05.87 111629	28 120		02.78- 05.87	110210	24	6.6
	[OM407.951]	02.79- 05.87 111629	28 120		02.79- 05.87	110210	24	6.6
	[OM407.955]	02.79- 05.87 111629	28 120		02.79- 05.87	110210	24	6.6
O 305 8.7	[OM360.911]				01.69- 05.73	110512	24	5.4
					01.69- 05.73	110601	24	5.4
O 307 11.0	[OM407.907]				04.73- 07.77	110210	24	6.6
	[OM407.911]				04.73- 07.77	110210	24	6.6
O 307 11.4	[OM407.915]	12.78- 07.87 111629	28 120		11.76- 07.87	110210	24	6.6
	[OM407.916]	01.87- 07.87 111629	28 120		11.76- 07.77	110210	24	6.6
	[OM407.918]	01.87- 07.87 111629	28 120		11.76- 07.77	110210	24	6.6
	[OM407.955]				11.76- 07.87	110206	24	5.4
O 309 3.8	[OM314.962]				01.70- 02.89	110601	24	5.4
	[OM314.963]				01.70- 02.89	110601	24	5.4
O 309 5.7	[OM353.969]	05.77- 02.89 111141	14 55					
O 309 D 3.8	[OM314.946]				01.68- 12.69	110512	24	5.4
					01.70- 02.89	110601	24	5.4
	[OM314.948]	08.79- 08.82 111141	14 55		02.73- 12.86	110524	24	4.0
		11.86- 110906	28 30		01.70- 01.73	110512	24	5.4
					01.70- 02.89	110601	24	5.4
	[OM314.959]	08.79- 08.82 111141	14 55					
		11.86- 02.89 110895	28 55		08.74- 02.89	110524	24	4.0
		11.86- 02.89 110906	28 30		01.70- 02.89	110601	24	5.4
O 317 10.8	[OM346.911]				01.66- 01.76	110531	24	6.6
	[OM346.918]				01.66- 01.76	110531	24	6.6
O 345 12.0	(Conecto)[OM457.942]				11.01-	113608	24	6.2
O 345 6.4	(Conecto)[OM906.960]	11.01-	113448	28 100	11.01-	111982	24	4.0 BO
					11.01-	114523	24	4.0
					11.01-	115514	24	4.0 A49
					11.01-	115801	24	4.0
O 350 11.0	(Tourismo)[OM441.980]	08.95- 111833	28 140 w/ bushing in rear brackethole		10.95-	110206	24	5.4
		08.95- 116063	28 140 w/o bushing in rear brackethole					
	(Tourismo)[OM445.934]	08.95- 111833	28 140 w/ bushing in rear brackethole		10.95-	110206	24	5.4
		08.95- 116063	28 140 w/o bushing in rear brackethole					
O 350 12.0	(Tourismo)[OM457.944]				09.03-	113608	24	6.2
O 350 12.8	(Tourismo)[OM402.970]	08.95- 111833	28 140 w/ bushing in rear brackethole		10.95-	110206	24	5.4
		08.95- 116063	28 140 w/o bushing in rear brackethole					
O 350 14.6	(Tourismo)[OM446.938]	08.95- 111833	28 140 w/ bushing in rear brackethole		10.95-	110206	24	5.4
		08.95- 116063	28 140 w/o bushing in rear brackethole					
O 402 6.0	[OM366.917]	02.86- 12.91 111833	28 140 w/ bushing in rear brackethole		02.86- 02.01	110524	24	4.0
		02.86- 12.91 116063	28 140 w/o bushing in rear brackethole		02.86- 02.01	113979	24	4.0
	[OM366.965]	02.86- 12.91 111833	28 140 w/ bushing in rear brackethole		02.86- 02.01	110524	24	4.0
		02.86- 12.91 116063	28 140 w/o bushing in rear brackethole		02.86- 02.01	113979	24	4.0
O 404 11.0	[OM441.980]	09.91- 10.99 111833	28 140 w/ bushing in rear brackethole		09.91- 10.99	110206	24	5.4
		09.91- 10.99 116063	28 140 w/o bushing in rear brackethole					
	[OM445.934]	09.91- 10.99 111833	28 140 w/ bushing in rear brackethole		09.91- 10.99	110206	24	5.4
		09.91- 10.99 116063	28 140 w/o bushing in rear brackethole					
	[OM445.935]	09.94- 10.99 111833	28 140 w/ bushing in rear brackethole		09.94- 10.99	110206	24	5.4
		09.94- 10.99 116063	28 140 w/o bushing in rear brackethole					
O 404 11.3	[OM441.921]	09.91- 01.92 111833	28 140 w/ bushing in rear brackethole		09.91- 01.92	110206	24	5.4
		09.91- 01.92 116063	28 140 w/o bushing in rear brackethole					
	[OM441.922]	09.91- 01.92 111833	28 140 w/ bushing in rear brackethole		09.91- 01.92	110206	24	5.4
		09.91- 01.92 116063	28 140 w/o bushing in rear brackethole					
O 404 12.8	[OM402.970]	09.91- 10.99 111833	28 140 w/ bushing in rear brackethole		09.91- 10.99	110206	24	5.4
		09.91- 10.99 116063	28 140 w/o bushing in rear brackethole					
O 404 14.6	[OM446.934]	09.94- 10.99 111833	28 140 w/ bushing in rear brackethole		01.95- 10.99	110206	24	5.4
		09.94- 10.99 116063	28 140 w/o bushing in rear brackethole					
	[OM446.938]	09.94- 10.99 111833	28 140 w/ bushing in rear brackethole		01.95- 10.99	110206	24	5.4
		09.94- 10.99 116063	28 140 w/o bushing in rear brackethole					
O 404 15.1	[OM442.930]	09.91- 01.92 111833	28 140 w/ bushing in rear brackethole		09.91- 01.92	110206	24	5.4
		09.91- 01.92 116063	28 140 w/o bushing in rear brackethole					
	[OM442.931]	09.91- 01.92 111833	28 140 w/ bushing in rear brackethole		09.91- 01.92	110206	24	5.4
		09.91- 01.92 116063	28 140 w/o bushing in rear brackethole					

## STARTERS & ALTERNATORS



O 404 9.6	[OM401.970]	09.91- 10.99	111833	28 140 w/ bushing in rear brackethole	09.91- 10.99	110206	24 5.4
		09.91- 10.99	116063	28 140 w/o bushing in rear brackethole			
O 404 9.8	[OM401.974]	09.91- 10.99	111833	28 140 w/ bushing in rear brackethole	09.91- 10.99	110206	24 5.4
		09.91- 10.99	116063	28 140 w/o bushing in rear brackethole			
O 405 12.0	[OM427.905]	12.84-	111833	28 140 w/ bushing in rear brackethole	11.86-	110210	24 6.6
		12.84-	116063	28 140 w/o bushing in rear brackethole			
	[OM427.910]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85-	110210	24 6.6
		11.85-	116063	28 140 w/o bushing in rear brackethole			
	[OM427.911]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85-	110210	24 6.6
		11.85-	116063	28 140 w/o bushing in rear brackethole			
	[OM427.950]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85- 02.01	110210	24 6.6
		11.85-	116063	28 140 w/o bushing in rear brackethole			
	[OM447.905]	12.84-	111833	28 140 w/ bushing in rear brackethole	11.86-	110210	24 6.6
		12.84-	116063	28 140 w/o bushing in rear brackethole			
	[OM447.907]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85-	110210	24 6.6
		11.85-	116063	28 140 w/o bushing in rear brackethole			
	[OM447.908]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85-	110210	24 6.6
		11.85-	116063	28 140 w/o bushing in rear brackethole			
	[OM447.910]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85-	110210	24 6.6
		11.85-	116063	28 140 w/o bushing in rear brackethole			
	[OM447.911]	12.84-	111833	28 140 w/ bushing in rear brackethole	11.86-	110210	24 6.6
		12.84-	116063	28 140 w/o bushing in rear brackethole			
	[OM447.913]	12.84-	111833	28 140 w/ bushing in rear brackethole	11.86-	110210	24 6.6
		12.84-	116063	28 140 w/o bushing in rear brackethole			
	[OM447.914]	12.84-	111833	28 140 w/ bushing in rear brackethole	11.86-	110210	24 6.6
		12.84-	116063	28 140 w/o bushing in rear brackethole			
	[OM447.950]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85- 02.01	110210	24 6.6
		11.85-	116063	28 140 w/o bushing in rear brackethole			
	[OM447.951]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85- 02.01	110210	24 6.6
		11.85-	116063	28 140 w/o bushing in rear brackethole			
	[OM447.955]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85-	110210	24 6.6
		11.85-	116063	28 140 w/o bushing in rear brackethole			
	[OM447.956]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85-	110210	24 6.6
		11.85-	116063	28 140 w/o bushing in rear brackethole			
	[OM447.957]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85-	110210	24 6.6
		11.85-	116063	28 140 w/o bushing in rear brackethole			
	[OM447.959]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85-	110210	24 6.6
11.85-		116063	28 140 w/o bushing in rear brackethole				
[OM447.970]	12.84-	111833	28 140 w/ bushing in rear brackethole	11.86-	110210	24 6.6	
	12.84-	116063	28 140 w/o bushing in rear brackethole				
[OM447.971]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85-	110210	24 6.6	
	11.85-	116063	28 140 w/o bushing in rear brackethole				
[OM447.972]	11.91-	111833	28 140 w/ bushing in rear brackethole	11.91-	110210	24 6.6	
	11.91-	116063	28 140 w/o bushing in rear brackethole				
[OM447.973]	12.84-	111833	28 140 w/ bushing in rear brackethole	11.86-	110210	24 6.6	
	12.84-	116063	28 140 w/o bushing in rear brackethole				
[OM447.974]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85-	110210	24 6.6	
	11.85-	116063	28 140 w/o bushing in rear brackethole				
[OM447.975]	11.91-	111833	28 140 w/ bushing in rear brackethole	11.91-	110210	24 6.6	
	11.91-	116063	28 140 w/o bushing in rear brackethole				
[OM447.976]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85-	110210	24 6.6	
	11.85-	116063	28 140 w/o bushing in rear brackethole				
[OM447.981]	11.91-	111833	28 140 w/ bushing in rear brackethole	11.91-	110210	24 6.6	
	11.91-	116063	28 140 w/o bushing in rear brackethole				
[OM447.986]	11.91-	111833	28 140 w/ bushing in rear brackethole	11.91-	110210	24 6.6	
	11.91-	116063	28 140 w/o bushing in rear brackethole				
O 405 G 12.0	[OM447.977]				09.91-	110210	24 6.6
	[OM447.980]				09.91-	110210	24 6.6
O 405 GN 12.0	[OM447.978]	11.85-	111833	28 140 w/ bushing in rear brackethole	11.85-	110210	24 6.6
		11.85-	116063	28 140 w/o bushing in rear brackethole			
	[OM447.979]				09.91-	110210	24 6.6
	[OM447.984]	09.91- 09.91-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	09.91-	110210	24 6.6
O 405 GNTD 12.0	[OM447.998]				09.91-	110210	24 6.6
O 407 12.0	[OM447.906]	03.87- 11.01	111833	28 140 w/ bushing in rear brackethole	03.87- 02.01	110210	24 6.6
		03.87- 11.01	116063	28 140 w/o bushing in rear brackethole			
	[OM447.908]	03.87- 11.01	111833	28 140 w/ bushing in rear brackethole	03.87- 02.01	110210	24 6.6
		03.87- 11.01	116063	28 140 w/o bushing in rear brackethole			
	[OM447.954]	03.87- 11.01	111833	28 140 w/ bushing in rear brackethole	03.87- 02.01	110210	24 6.6
		03.87- 11.01	116063	28 140 w/o bushing in rear brackethole			
	[OM447.985]	11.91- 11.01	111833	28 140 w/ bushing in rear brackethole	02.91- 02.01	110210	24 6.6
		11.91- 11.01	116063	28 140 w/o bushing in rear brackethole			
	[OM447.990]	03.87- 11.01	111833	28 140 w/ bushing in rear brackethole	03.87- 02.01	110210	24 6.6
		03.87- 11.01	116063	28 140 w/o bushing in rear brackethole			
	[OM447.991]	11.91- 11.01	111833	28 140 w/ bushing in rear brackethole	02.91- 02.01	110210	24 6.6
		11.91- 11.01	116063	28 140 w/o bushing in rear brackethole			
O 408 12.0	[OM447.912]	01.91- 12.98	111833	28 140 w/ bushing in rear brackethole	01.91- 12.01	110210	24 6.6
		01.91- 12.98	116063	28 140 w/o bushing in rear brackethole			
	[OM447.958]	01.91- 12.98	111833	28 140 w/ bushing in rear brackethole	01.91- 12.01	110210	24 6.6
		01.91- 12.98	116063	28 140 w/o bushing in rear brackethole			
	[OM447.987]	08.92- 12.98	111833	28 140 w/ bushing in rear brackethole	08.92-	110210	24 6.6
		08.92- 12.98	116063	28 140 w/o bushing in rear brackethole			
[OM447.992]	01.91- 12.98	111833	28 140 w/ bushing in rear brackethole	01.91- 12.01	110210	24 6.6	
	01.91- 12.98	116063	28 140 w/o bushing in rear brackethole				
[OM447.993]	08.92- 12.98	111833	28 140 w/ bushing in rear brackethole	08.92- 12.01	110210	24 6.6	
	08.92- 12.98	116063	28 140 w/o bushing in rear brackethole				
O 500 12.0	(Touro)[OM457.944]				10.01-	113608	24 6.2
					10.01-	113609	24 6.2
					10.01-	113851	24 7.5
					10.01-	115885	24 7.5 A49
O 510 6.4	(Tourino)[OM906.961]	10.03-	111833	28 140 w/ bushing in rear brackethole	10.03-	111982	24 4.0
		10.03-	113448	28 100	10.03-	114086	24 5.5
		10.03-	116063	28 140 w/o bushing in rear brackethole	10.03-	114523	24 4.0
					10.03-	115514	24 4.0 A49
					10.03-	115896	24 5.5 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MERCEDES-BENZ Continued

	(Tourino)[OM906.962]	10.03- 10.03- 10.03-	111833 113448 116063	28 140 w/ bushing in rear brackethole 28 100 28 140 w/o bushing in rear brackethole	10.03- 10.03- 10.03-  10.03- 10.03-	111982 114086 114523  115514 115896	24 4.0 24 5.5 24 4.0  24 4.0 A49 24 5.5 A49
O 520 4.3	(Cito)[OM904.942]	06.99-	113448	28 100	01.99- 06.99- 01.99- 06.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
O 530 12.0	(Citaro)[OM457.943]	01.98- 01.98- 01.98- 01.98- 01.98-	111833 113351 113448 115497 116063	28 140 w/ bushing in rear brackethole 28 100 28 100 28 80 A49 28 140 w/o bushing in rear brackethole	01.98- 01.98- 01.98- 01.98-	113851 115885	24 7.5 24 7.5 A49
	(Citaro)[OM457.950]	01.98- 01.98- 01.98- 01.98- 01.98-	111833 113351 113448 115497 116063	28 140 w/ bushing in rear brackethole 28 100 28 100 28 80 A49 28 140 w/o bushing in rear brackethole	01.98- 01.98- 01.98- 01.98-	113851 115885	24 7.5 24 7.5 A49
	(Citaro)[OM457.959]	01.98- 01.98- 01.98- 01.98- 01.98-	111833 113351 113448 115497 116063	28 140 w/ bushing in rear brackethole 28 100 28 100 28 80 A49 28 140 w/o bushing in rear brackethole	01.98- 01.98- 01.98- 01.98-	113851 115885	24 7.5 24 7.5 A49
	(Citaro)[OM457.973]	01.98- 01.98- 01.98- 01.98- 01.98-	111833 113351 113448 115497 116063	28 140 w/ bushing in rear brackethole 28 100 28 100 28 80 A49 28 140 w/o bushing in rear brackethole	01.98- 01.98- 01.98- 01.98-	113851 115885	24 7.5 24 7.5 A49
O 530 G 6.4	(Citaro)[OM457.935]				01.98-	113608	24 6.2
	(Citaro)[OM906.930]	01.99-	113448	28 100	01.99- 01.99- 01.99- 09.04 01.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Citaro)[OM906.960]	01.99- 01.99- 01.99- 09.04 01.99-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49	01.99- 01.99- 01.99- 09.04 01.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Citaro)[OM906.961]	01.99-	113448	28 100	01.99- 01.99- 01.99- 09.04 01.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Axor)[OM909.901]	01.99- 01.99- 01.99- 09.04 01.99-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49	01.99- 01.99- 01.99- 09.04 01.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Citaro)[OM909.921]	01.99- 01.99- 01.99- 09.04 01.99-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49	01.99- 01.99- 01.99- 09.04 01.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
O 530 GNG 12.0	(Citaro)[M476.930]				04.00-	110210	24 6.6
O 530 L 6.4	(Citaro)[OM906.930]	01.99-	113448	28 100	01.99- 01.99- 01.99- 09.04 01.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Citaro)[OM906.960]	01.01- 01.01- 01.01- 01.99-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49	01.99- 01.99- 01.99- 01.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Citaro)[OM909.901]	01.99- 01.99- 01.99- 09.04 01.99-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49	01.99- 01.99- 01.99- 09.04 01.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Citaro)[OM909.921]	01.99- 01.99- 01.99- 09.04 01.99-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49	01.99- 01.99- 01.99- 09.04 01.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
O 530 N 12.0	(Citaro)[OM457.934]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	01.98- 01.98-	110210 113608	24 6.6 24 6.2
	(Citaro)[OM457.942]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	01.98- 01.98-	113608 110210	24 6.2 24 6.6
	(Citaro)[OM457.949]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	01.98- 01.98-	110210 113608	24 6.6 24 6.2
	(Citaro)[OM457.950]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	01.98- 01.98-	113608 110210	24 6.2 24 6.6
	(Citaro)[OM457.951]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole			
	(Citaro)[OM457.957]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	01.98- 01.98-	111833	
	(Citaro)[OM457.959]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	01.98- 01.98-	113608 110210	24 6.2 24 6.6
	(Citaro)[OM457.973]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	01.98- 01.98-	113608 110210	24 6.2 24 6.6
O 530 N 6.4	(Citaro)[OM906.962]	04.00- 04.00- 04.00- 04.99-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49	04.00- 04.99- 04.00- 04.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0

## STARTERS & ALTERNATORS



	(Citaro)[OM906.963]	04.99- 04.99- 04.99- 04.99-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49	04.99- 04.99- 04.99- 04.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
O 530 N3 6.4	(Citaro)[OM906.930]	01.98- 01.98-	112561 113448	28 80 28 100	01.98- 01.98- 01.98-09.04 01.98-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
	(Citaro)[OM906.931]	01.98- 01.98-	112561 113448	28 80 28 100	01.98- 01.98- 01.98- 01.98-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
	(Citaro)[OM906.960]	01.98-	113448	28 100	01.98- 01.98- 01.98- 01.98-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
	(Citaro)[OM906.961]	01.98- 01.98-	112561 113448	28 80 28 100	01.98- 01.98- 01.98- 01.98-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
	(Citaro)[OM909.900]	01.98- 01.98-	112561 113448	28 80 28 100	01.98- 01.98- 01.98- 01.98-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
	(Citaro)[OM909.901]	01.98- 01.98-	112561 113448	28 80 28 100	01.98- 01.98- 01.98- 01.98-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
	(Citaro)[OM909.911]	01.98- 01.98-	112561 113448	28 80 28 100	01.98- 01.98- 01.98- 01.98-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
	(Citaro)[OM909.921]	01.98- 01.98-	112561 113448	28 80 28 100	01.98- 01.98- 01.98- 01.98-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
O 530 NG 12.0	(Citaro)[M476.930]				04.00-	110210	24 6.6	
	(Citaro)[M476.932]				06.00-	110210	24 6.6	
	(Citaro)[M476.933]	04.00- 04.00-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	04.00- 04.00-	110210 113608	24 6.6 24 6.2	
	(Citaro)[M476.934]	04.00- 04.00-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	04.00- 04.00-	110210 113608	24 6.6 24 6.2	
O 550 12.0	(Integro)[OM457.952]				01.06- 01.06- 01.06-	113609 113851 115885	24 6.2 24 7.5 24 7.5	A49
O 580 RHD 12.0	(Travego)[OM457.936]				10.99-	113608	24 6.2	
O 580-15 RH 12.0	(Travego)[OM457.940]				10.99-	113608	24 6.2	
O 580-15 RHD 12.0	(Travego)[OM457.944]				10.99-	113608	24 6.2	
O 580-17 RHD 12.0	(Travego)[OM457.944]				10.99-	113608	24 6.2	
O 580-17 RHD 15.9	(Travego)[OM542.948]				10.99- 10.99- 10.99- 10.99-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5	A49
U 100 2.9	(Unimog)[OM602.981]	07.96-	111890	14 90	07.96-	111851	12 2.0	
	(Unimog)[OM602.989]	07.96-	111890	14 90	07.96-	111851	12 2.0	BO
U 100 5.7	(Unimog)[OM353.901]				09.73- 12.76	110525	12 3.0	
U 1000 5.7	(Unimog)[OM353.940]	01.77- 12.82	111141	14 55				
	(Unimog)[OM353.962]	01.77- 05.88	111141	14 55	01.77- 05.88 06.84- 05.88 01.77- 05.88	110512 110525 110601	24 5.4 12 3.0 24 5.4	
	(Unimog)[OM353.980]	01.77- 12.82	111141	14 55				
U 1000 6.0	(Unimog)[OM356.914]	01.88- 12.92	111141	14 55	01.91- 12.92	110524	24 4.0	
		01.88- 12.92	113920	28 35	01.88- 01.91	110525	12 3.0	
	(Unimog)[OM366.915]	01.88- 12.92	111141	14 55	01.91- 12.92	110524	24 4.0	
		01.88- 12.92	113920	28 35	01.88- 01.91	110525	12 3.0	
U 110 4.0	(Unimog)[OM364.955]	07.92- 07.92-	111141 113611	14 55 14 90	07.92-	110525	12 3.0	
	(Unimog)[OM364.958]	07.92- 07.92-	111141 113611	14 55 14 90	02.92-	110525	12 3.0	
		Eng. 393454-						
U 1100 5.7	(Unimog)[OM353.901]	01.77- 05.88	112098	14 65				
	(Unimog)[OM353.907]	01.77- 01.88	112098	14 65				
	(Unimog)[OM353.940]				01.77- 05.88	116040	24 4.0	
	(Unimog)[OM353.980]	01.77- 05.88	112098	14 65				
		05.79- 12.82	111141	14 55				
U 1150 5.7	(Unimog)[OM353.907]	05.88- 02.01	110766	28 27	Eng. -708449	05.88- 02.01	110512	24 5.4
						05.88-	110601	24 5.4
						05.88-	116040	24 4.0
	(Unimog)[OM353.940]	05.88- 02.01	110766	28 27		05.88- 02.01	110512	24 5.4
		05.88- 02.01	112098	14 65		05.88-	110601	24 5.4
						05.88-	116040	24 4.0
U 1200 5.7	(Unimog)[OM353.973]	02.82- 05.88	111141	14 55	02.82- 05.88	110525	12 3.0	
	(Unimog)[OM353.995]	02.82- 05.88	111141	14 55	02.82- 05.88	110525	12 3.0	
U 1200 6.0	(Unimog)[OM356.950]	01.88- 02.01	111141	14 55	01.91- 02.01	110524	24 4.0	
		01.88- 02.01	113920	28 35	01.88- 01.91	110525	12 3.0	
	(Unimog)[OM356.954]	01.88- 02.01	111141	14 55	01.91-	113979	24 4.0	
		01.88- 02.01	113920	28 35	01.88- 01.91	110525	12 3.0	
		01.96-	110895	28 55	01.91- 02.01	110524	24 4.0	
	(Unimog)[OM366.949]	01.88- 02.01	111141	14 55	01.91- 02.01	110524	24 4.0	
		01.88- 02.01	113920	28 35	01.88- 01.91	110525	12 3.0	
U 125 5.7	(Unimog)[OM353.907]				09.73- 12.76	110525	12 3.0	
U 1250 5.7	(Unimog)[OM353.973]	12.84- 11.87	111141	14 55	12.84- 05.88	110525	12 3.0	
	(Unimog)[OM353.995]	12.84- 11.87	111141	14 55	12.84- 05.88	110525	12 3.0	
U 1250 6.0	(Unimog)[OM356.950]	01.88- 02.01	111141	14 55	01.91- 02.01	110524	24 4.0	
		01.88- 02.01	113920	28 35	01.88- 01.91	110525	12 3.0	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

MERCEDES-BENZ Continued

	(Unimog)[OM356.954]	01.88- 02.01	111141	14 55	09.91-	110524	24 4.0
		01.88- 02.01	113920	28 35	09.91- 02.01	113979	24 4.0
	(Unimog)[OM366.949]	01.88- 02.01	111141	14 55	01.91- 02.01	110524	24 4.0
		01.88- 02.01	113920	28 35	01.88- 01.91	110525	12 3.0
	(Unimog)[OM366.955]	05.88- 02.01	111141	14 55	05.88- 02.01	110524	24 4.0
		05.88- 02.01	113920	28 35	05.88- 02.01	110525	12 3.0
					05.88- 02.01	113979	24 4.0
U 130 4.0	(Unimog)[OM364.982]	07.92-	111141	14 55	07.92-	110525	12 3.0
		07.92-	113611	14 90			
	(Unimog)[OM364.985]	07.92-	111141	14 55	07.92-	110525	12 3.0
		07.92-	113611	14 90			
U 1300 5.7	(Unimog)[OM353.961]	01.77- 05.88	111141	14 55	03.82-	110524	24 4.0
		10.78- 05.88	112288	28 55	01.77- 05.88	110525	12 3.0
	(Unimog)[OM353.973]	01.77- 05.88	111141	14 55	01.77- 12.80	110208	24 5.4
		10.78- 05.88	112288	28 55	03.82-	110524	24 4.0
					01.81- 12.84	110525	12 3.0
	(Unimog)[OM353.995]	01.77- 12.84	111141	14 55			
U 1350 6.0	(Unimog)[OM366.955]	05.88- 02.01	111141	14 55	05.88- 02.01	110524	24 4.0
		05.88- 02.01	113920	28 35	05.88- 02.01	110525	12 3.0
					05.88- 02.01	113979	24 4.0
U 140 4.0	(Unimog)[OM364.982]	07.92-	111141	14 55	07.92-	110525	12 3.0
		07.92-	113611	14 90			
	(Unimog)[OM364.985]	05.93-	111141	14 55	05.93-	110525	12 3.0
		05.93-	113611	14 90			
U 1400 6.0	(Unimog)[OM357.912]	01.88- 04.00	111141	14 55	01.88- 04.00	110524	24 4.0
		01.88- 04.00	113920	28 35	01.88- 04.00	113979	24 4.0
		07.94- 04.00	112288	28 55	01.88- 04.00	110525	12 3.0
	(Unimog)[OM366.947]	01.88- 04.00	111141	14 55	01.88- 04.00	110524	24 4.0
		01.88- 04.00	113920	28 35	01.88- 04.00	113979	24 4.0
		07.94- 04.00	112288	28 55	01.88- 04.00	110525	12 3.0
	(Unimog)[OM366.948]	01.88- 04.00	111141	14 55	01.88- 04.00	110524	24 4.0
		01.88- 04.00	113920	28 35	01.88- 04.00	113979	24 4.0
		07.94- 04.00	112288	28 55	01.88- 04.00	110525	12 3.0
	(Unimog)[OM366.955]	01.88- 04.00	111141	14 55	01.88- 04.00	110524	24 4.0
		01.88- 04.00	113920	28 35	01.88- 04.00	113979	24 4.0
		07.94- 04.00	112288	28 55	01.88- 04.00	110525	12 3.0
	(Unimog)[OM366.956]	01.88- 04.00	111141	14 55	01.88- 04.00	110524	24 4.0
		01.88- 04.00	113920	28 35	01.88- 04.00	113979	24 4.0
		07.94- 04.00	112288	28 55	01.88- 04.00	110525	12 3.0
U 1450 6.0	(Unimog)[OM357.912]	Eng. 371352 07.94- 04.00	110895	28 55	07.94-	110524	24 4.0
		Eng. -371351 07.94- 04.00	112288	28 55	07.94- 04.00	113979	24 4.0
	(Unimog)[OM366.947]	01.91- 04.00	113920	28 35	01.88- 01.91	110525	12 3.0
		01.94- 04.00	111141	14 55	01.91- 04.00	110524	24 4.0
	(Unimog)[OM366.948]	01.88-	111141	14 55	01.88- 04.00	110524	24 4.0
					01.88- 04.00	113979	24 4.0
		Eng. 01.88- 04.00	113920	28 35	01.88- 04.00	110525	12 3.0
	(Unimog)[OM366.955]	01.88-	111141	14 55	01.88- 04.00	110524	24 4.0
					01.88- 04.00	113979	24 4.0
		Eng. 01.88- 04.00	113920	28 35	01.88- 04.00	110525	12 3.0
	(Unimog)[OM366.956]	01.88-	111141	14 55	01.88- 04.00	110524	24 4.0
					01.88- 04.00	113979	24 4.0
		Eng. 01.88- 04.00	113920	28 35	01.88- 04.00	110525	12 3.0
U 1500 5.7	(Unimog)[OM353.958]	01.77- 05.88	111141	14 55	01.77- 05.88	110525	12 3.0
U 1550 5.7	(Unimog)[OM353.958]	01.86- 05.88	111141	14 55	04.86- 05.88	110525	12 3.0
	(Unimog)[OM353.961]	02.86- 05.88	111141	14 55	02.86- 05.88	110525	12 3.0
	(Unimog)[OM353.995]	02.86- 05.88	111141	14 55	02.86- 05.88	110525	12 3.0
U 1550 6.0	(Unimog)[OM356.955]	01.92- 12.95	113920	28 35	01.92- 04.00	113979	24 4.0
		01.96- 04.00	110895	28 55	01.92- 04.00	110524	24 4.0
	(Unimog)[OM356.956]	01.92- 12.95	113920	28 35	01.92- 04.00	113979	24 4.0
		01.96- 04.00	110895	28 55	01.92- 04.00	110524	24 4.0
	(Unimog)[OM356.980]	03.90- 04.00	110895	28 55	03.90- 04.00	110524	24 4.0
		03.90- 04.00	111141	14 55	03.90- 04.00	110525	12 3.0
		03.90- 04.00	112288	28 55	03.90- 04.00	113979	24 4.0
	(Unimog)[OM356.997]	05.88- 04.00	110895	28 55	05.88- 04.00	110524	24 4.0
		05.88- 04.00	111141	14 55	05.88- 04.00	110525	12 3.0
		01.91- 04.00	112288	28 55	05.88- 04.00	113979	24 4.0
	(Unimog)[OM357.924]	05.88- 04.00	110895	28 55	05.88- 04.00	110524	24 4.0
		05.88- 04.00	112288	28 55	05.88- 04.00	110525	12 3.0
					05.88- 04.00	113979	24 4.0
	(Unimog)[OM357.945]	03.90- 04.00	110895	28 55	03.90- 04.00	110524	24 4.0
		03.90- 04.00	111141	14 55	03.90- 04.00	110525	12 3.0
		03.90- 04.00	112288	28 55	03.90- 04.00	113979	24 4.0
					05.88-	116040	24 4.0
	(Unimog)[OM366.955]	05.88- 04.00	111141	14 55	05.88- 04.00	110524	24 4.0
		05.88- 04.00	113920	28 35	05.88- 04.00	110525	12 3.0
					05.88- 04.00	113979	24 4.0
	(Unimog)[OM366.956]	05.88- 04.00	111141	14 55	05.88- 04.00	110524	24 4.0
		05.88- 04.00	113920	28 35	05.88- 04.00	110525	12 3.0
					05.88- 04.00	113979	24 4.0
	(Unimog)[OM366.963]	01.92-	110895	28 55	01.92-	110524	24 4.0
		01.92-	111141	14 55	01.92-	110525	12 3.0
		01.92- 04.00	113920	28 35	01.92- 04.00	113979	24 4.0
	(Unimog)[OM366.984]	05.88- 04.00	110895	28 55	05.88- 04.00	110524	24 4.0
		05.88- 04.00	112288	28 55	05.88- 04.00	110525	12 3.0
					05.88- 04.00	113979	24 4.0
U 1600 6.0	(Unimog)[OM356.956]	01.88- 02.00	111141	14 55	01.91- 04.00	110524	24 4.0
		01.88- 04.00	113920	28 35	01.88- 01.91	110525	12 3.0
	(Unimog)[OM356.980]	05.91-	110895	28 55	05.91-	110524	24 4.0
		05.91-	111141	14 55	05.91-	110525	12 3.0
		05.91-	112288	28 55	05.91- 11.10	113979	24 4.0
	(Unimog)[OM356.997]	11.92-	110895	28 55	11.92-	110524	24 4.0
		11.92-	112288	28 55	11.92-	113979	24 4.0
	(Unimog)[OM357.924]	11.92-	110895	28 55	11.92-	110524	24 4.0
		11.92-	112288	28 55	11.92-	113979	24 4.0

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	(Unimog)[OM357.945]	11.92-	112288	28	55	05.91-	110524	24	4.0	
						05.91-	110525	12	3.0	
						05.91- 11.10	113979	24	4.0	
						05.91-	116040	24	4.0	
	(Unimog)[OM366.949]	01.88- 04.00	111141	14	55	01.91- 04.00	110524	24	4.0	
		01.88- 04.00	113920	28	35	01.88- 01.91	110525	12	3.0	
	(Unimog)[OM366.984]	11.92-	110895	28	55	09.89-	110525	12	3.0	
		11.92-	112288	28	55	11.92-	113979	24	4.0	
U 1650 6.0	(Unimog)[OM356.956]	01.88- 04.00	111141	14	55	01.91- 04.00	110524	24	4.0	
		01.88- 04.00	113920	28	35	01.88- 01.91	110525	12	3.0	
	(Unimog)[OM356.980]	05.91- 02.01	112288	28	55	05.91- 02.01	110525	12	3.0	
		01.96- 02.01	110895	28	55	05.91- 02.01	110524	24	4.0	
						05.91- 02.01	113979	24	4.0	
	(Unimog)[OM356.997]	09.89- 02.01	112288	28	55	09.89- 02.01	110524	24	4.0	
						09.89- 02.01	113979	24	4.0	
	(Unimog)[OM357.924]	09.89- 02.01	112288	28	55	01.88- 02.01	110524	24	4.0	
						01.88- 02.01	113979	24	4.0	
		(Unimog)[OM357.945]	01.88- 02.01	112288	28	55	05.91-	116040	24	4.0
	(Unimog)[OM366.948]	01.88- 04.00	111141	14	55	01.91- 04.00	110524	24	4.0	
		01.88- 04.00	113920	28	35	01.88- 01.91	110525	12	3.0	
	(Unimog)[OM366.949]	01.88- 02.01	111141	14	55	01.91- 04.00	110524	24	4.0	
		01.88- 02.01	113920	28	35	01.88- 01.91	110525	12	3.0	
	(Unimog)[OM366.984]	09.89- 02.01	112288	28	55	09.89-	110524	24	4.0	
						09.89- 02.01	113979	24	4.0	
U 1700 5.7	(Unimog)[OM353.959]	05.78- 09.88	111141	14	55	03.87- 09.88	110524	24	4.0	
						05.78- 09.88	110525	12	3.0	
U 1700 6.0	(Unimog)[OM356.957]	09.88- 02.01	110895	28	55	09.88- 02.01	110524	24	4.0	
		09.88- 02.01	111141	14	55	09.88- 02.01	110525	12	3.0	
		09.88- 02.01	113920	28	35	09.88- 08.02	113979	24	4.0	
	(Unimog)[OM366.963]	09.88- 02.01	110895	28	55	09.88- 02.01	110524	24	4.0	
						09.88- 02.01	113979	24	4.0	
						09.88- 02.01	110525	12	3.0	
						09.88- 02.01	110525	12	3.0	
U 1750 6.0	(Unimog)[OM356.957]	09.88- 02.01	110895	28	55	09.88- 02.01	110524	24	4.0	
		09.88- 02.01	111141	14	55	09.88- 02.01	110525	12	3.0	
		09.88- 02.01	113920	28	35	09.88- 02.01	113979	24	4.0	
	(Unimog)[OM356.981]	05.91-	110895	28	55	09.88- 02.01	110524	24	4.0	
		05.91-	111141	14	55	09.88- 02.01	110525	12	3.0	
		05.91-	112288	28	55	09.88- 02.01	113979	24	4.0	
	(Unimog)[OM366.963]	09.88- 02.01	110895	28	55	09.88- 02.01	110524	24	4.0	
		09.88- 02.01	111141	14	55	09.88- 02.01	110525	12	3.0	
		09.88- 02.01	113920	28	35	09.88- 02.01	113979	24	4.0	
		09.88- 02.01	113920	28	35	09.88- 02.01	110525	12	3.0	
U 1800 6.0	(Unimog)[OM356.998]	04.92-	110895	28	55	04.92-	110524	24	4.0	
		04.92-	112288	28	55	04.92- 08.02	113979	24	4.0	
U 1850 6.0	(Unimog)[OM356.998]	04.92-	110895	28	55	04.92-	110524	24	4.0	
		04.92-	112288	28	55	04.92- 08.02	113979	24	4.0	
U 2100 6.0	(Unimog)[OM356.997]	09.89- 02.01	110895	28	55	09.89- 02.01	110524	24	4.0	
		09.89- 02.01	111141	14	55	09.89- 02.01	110525	12	3.0	
		09.89- 02.01	112288	28	55	09.89- 08.02	113979	24	4.0	
	(Unimog)[OM366.984]	09.89- 02.01	110895	28	55	09.89- 02.01	110524	24	4.0	
						09.89- 02.01	110525	12	3.0	
						09.89- 02.01	113979	24	4.0	
U 2150 6.0	(Unimog)[OM356.980]	05.91- 08.02	110895	28	55	05.91- 08.02	110524	24	4.0	
		05.91- 08.02	111141	14	55	05.91- 08.02	110525	12	3.0	
		05.91- 08.02	112288	28	55	05.91- 08.02	113979	24	4.0	
	(Unimog)[OM356.997]	09.89- 02.01	110895	28	55	09.89- 02.01	110524	24	4.0	
		09.89- 02.01	111141	14	55	09.89- 02.01	110525	12	3.0	
		09.89- 02.01	112288	28	55	09.89- 02.01	113979	24	4.0	
	(Unimog)[OM357.945]	05.91- 08.02	110895	28	55	05.91- 08.02	110524	24	4.0	
		05.91- 08.02	113920	28	35	05.91- 08.02	110525	12	3.0	
						05.91- 08.02	113979	24	4.0	
						09.89-	116040	24	4.0	
		(Unimog)[OM366.984]	09.89- 02.01	110895	28	55	09.89- 02.01	110524	24	4.0
			09.89- 02.01	111141	14	55	09.89- 02.01	110525	12	3.0
		09.89- 02.01	112288	28	55	09.89- 02.01	113979	24	4.0	
U 2400 6.0	(Unimog)[OM356.980]	05.91-	110895	28	55	05.91-	110524	24	4.0	
		05.91-	111141	14	55	05.91-	110525	12	3.0	
		05.91-	112288	28	55	05.91- 08.02	113979	24	4.0	
						07.93-	116040	24	4.0	
	(Unimog)[OM357.945]	05.91- 08.02	110895	28	55	05.91-	110524	24	4.0	
		05.91- 08.02	113920	28	35	05.91-	110525	12	3.0	
		07.93- 08.02	112288	28	55	05.91- 08.02	113979	24	4.0	
					05.91-	116040	24	4.0		
U 2450 6.0	(Unimog)[OM356.980]	07.93- 08.02	110895	28	55	05.91- 08.02	110524	24	4.0	
		07.93- 08.02	111141	14	55	05.91- 08.02	110525	12	3.0	
		07.93- 08.02	112288	28	55	05.91- 08.02	113979	24	4.0	
	(Unimog)[OM357.945]	07.93- 08.02	110895	28	55	05.91- 08.02	110524	24	4.0	
		07.93- 08.02	111141	14	55	05.91- 08.02	113979	24	4.0	
		07.93- 08.02	112288	28	55	05.91- 08.02	110525	12	3.0	
					05.91-	116040	24	4.0		
U 300 4.2	(Unimog)[OM904.927]	04.00-	112561	28	80	04.00-	111982	24	4.0	
		04.00-	113351	28	100	03.00-	114523	24	4.0	
		04.00-	113448	28	100	03.00-	115514	24	4.0 A49	
		04.00-	115497	28	80 A49	03.00-	115801	24	4.0	
		03.00-	115557	28	100 A49					
	(Unimog)[OM904.928]	04.00-	112561	28	80	04.00-	111982	24	4.0	
		04.00-	113351	28	100	03.00-	114523	24	4.0	
		04.00-	113448	28	100	03.00-	115514	24	4.0 A49	
	04.00-	115497	28	80 A49	03.00-	115801	24	4.0		
	03.00-	115557	28	100 A49						
U 3000 4.2	(Unimog)[OM900.920]	09.02-	113351	28	100	09.02-	111982	24	4.0	
		09.02-	115497	28	80 A49	09.02-	114523	24	4.0	
						09.02-	115801	24	4.0	
		09.02-	115557	28	100 A49	09.02-	115514	24	4.0 A49	
	(Unimog)[OM904.952]					09.02-	111982	24	4.0	
						09.02-	114523	24	4.0	
						09.02-	115514	24	4.0 A49	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**MERCEDES-BENZ** *Continued*

	(Unimog)[OM904.953]	09.02-	113351	28 100	09.02-	111982	24 4.0
		09.02-	115497	28 80 A49	09.02-	114523	24 4.0
					09.02-	115801	24 4.0
		09.02-	115557	28 100 A49	09.02-	115514	24 4.0 A49
U 400 4.2	(Unimog)[OM904.928]	04.00-	112561	28 80	04.00-	111982	24 4.0
		04.00-	113351	28 100	03.00-	114523	24 4.0
		04.00-	113448	28 100	03.00-	115514	24 4.0 A49
		04.00-	115497	28 80 A49	03.00-	115801	24 4.0
		03.00-	115557	28 100 A49			
U 400 6.4	(Unimog)[OM906.935]	04.00-	112561	28 80	04.00-	111982	24 4.0
		04.00-	113351	28 100	03.00-	114523	24 4.0
		04.00-	113448	28 100	03.00-	115514	24 4.0 A49
		04.00-	115497	28 80 A49	03.00-	115801	24 4.0
		03.00-	115557	28 100 A49			
U 4000 4.2	(Unimog)[OM904.952]	09.02-	113351	28 100	09.02-	111982	24 4.0
		09.02-	115497	28 80 A49	09.02-	114523	24 4.0
		09.02-	115557	28 100 A49	09.02-	115514	24 4.0 A49
	(Unimog)[OM904.953]	09.02-	115497	28 80 A49	09.02-	114523	24 4.0
					09.02-	115514	24 4.0 A49
U 4000 4.8	(Unimog)[OM924.923]	09.02-	115497	28 80 A49	09.02-	114523	24 4.0
					09.02-	115514	24 4.0 A49
U 45 2.2	(Unimog)[OM615.911]				01.66- 04.71	110368	12 2.3
U 500 6.4	(Unimog)[OM906.935]	02.01-	112561	28 80	02.01-	111982	24 4.0
		02.01-	113351	28 100	10.00-	114523	24 4.0
		02.01-	113448	28 100	02.01-	115514	24 4.0 A49
		02.01-	115497	28 80 A49	10.00-	115801	24 4.0
		10.00-	115557	28 100 A49			
	(Unimog)[OM906.955]	02.01-	112561	28 80	02.01-	111982	24 4.0
		02.01-	113448	28 100	10.00-	114523	24 4.0
					02.01-	115514	24 4.0 A49
					10.00-	115801	24 4.0
	(Unimog)[OM906.967]	10.00-	112561	28 80	10.00-	111982	24 4.0
		10.00-	113448	28 100	10.00-	114523	24 4.0
					10.00-	115514	24 4.0 A49
					10.00-	115801	24 4.0
U 500	[OM906]	01.01-	114395				
U 5000 4.8	(Unimog)[OM924.916]	03.03-	112561	28 80	03.03-	111982	24 4.0
					09.02-	114523	24 4.0
					03.03-	115514	24 4.0 A49
					09.02-	115801	24 4.0
	(Unimog)[OM924.923]	09.02-	112561	28 80	09.02-	111982	24 4.0
					09.02-	114523	24 4.0
					09.02-	115514	24 4.0 A49
					09.02-	115801	24 4.0
U 5000 6.4	(Unimog)[OM906.935]	11.02-	115497	28 80 A49	11.02-	114523	24 4.0
					11.02-	115514	24 4.0 A49
U 52 2.4	(Unimog)[OM616.911]				01.77- 05.88	110368	12 2.3
	(Unimog)[OM616.915]				01.77- 05.88	110368	12 2.3
	(Unimog)[OM616.931]				01.77- 05.88	110368	12 2.3
	(Unimog)[OM616.932]				01.77- 05.88	110368	12 2.3
U 54 3.8	(Unimog)[OM314.916]	04.66- 03.72	111141	14 55	09.73- 12.76	110525	12 3.0
U 60 2.4	(Unimog)[OM616.911]				01.77- 05.88	110368	12 2.3
	(Unimog)[OM616.915]				01.77- 05.88	110368	12 2.3
	(Unimog)[OM616.931]				01.77- 05.88	110368	12 2.3
	(Unimog)[OM616.932]				01.77- 05.88	110368	12 2.3
U 600 2.4	(Unimog)[OM616.911]	01.77- 05.88	112098	14 65	01.77- 05.88	110368	12 2.3
	(Unimog)[OM616.915]	01.77- 05.88	112098	14 65	01.77- 05.88	110368	12 2.3
	(Unimog)[OM616.931]	01.77- 05.88	112098	14 65	01.77- 05.88	110368	12 2.3
	(Unimog)[OM616.932]	01.77- 05.88	112098	14 65	01.77- 05.88	110368	12 2.3
	(Unimog)[OM616.942]	05.88- 02.01	112098	14 65	05.88- 02.01	110368	12 2.3
	(Unimog)[OM616.943]	05.88- 02.01	112098	14 65	05.88- 02.01	110368	12 2.3
U 650 2.4	(Unimog)[OM616.942]	05.88- 02.01	112098	14 65	05.88- 02.01	110368	12 2.3
					05.88-	112174	24 3.2
	(Unimog)[OM616.943]	05.88- 02.01	112098	14 65	05.88- 02.01	110368	12 2.3
					05.88-	112174	24 3.2
U 66 3.8	(Unimog)[OM314.917]				09.73- 12.75	110525	12 3.0
U 72 3.8	(Unimog)[OM314.917]				01.76- 12.76	110525	12 3.0
U 80 3.8	(Unimog)[OM314.917]				09.73- 01.77	110525	12 3.0
U 80 5.7	(Unimog)[OM352.903]				05.66- 01.88	110525	12 3.0
	(Unimog)[OM352.984]				09.73-	110525	12 3.0
	(Unimog)[OM353.902]				09.73- 12.76	110525	12 3.0
U 800 3.8	(Unimog)[OM314.917]	04.82- 03.90	112098	14 65	01.77- 03.90	116040	24 4.0
U 84 5.7	(Unimog)[OM352.903]				05.69- 01.88	110525	12 3.0
	(Unimog)[OM353.902]				09.73- 12.76	110525	12 3.0
U 90 2.9	(Unimog)[OM602.981]	07.96-	111890	14 90	07.96-	111851	12 2.0
	(Unimog)[OM602.989]	07.96-	111890	14 90	07.96-	111851	12 2.0
U 90 5.7	(Unimog)[OM352.903]				05.66- 01.88	110525	12 3.0
	(Unimog)[OM352.984]				09.73- 12.75	110525	12 3.0
	(Unimog)[OM353.902]				05.69- 01.88	110525	12 3.0
U 900 5.7	(Unimog)[OM353.902]	04.82- 02.01	112098	14 65			
	(Unimog)[OM353.940]	01.77- 05.88	112098	14 65			
U 900 6.0	(Unimog)[OM356.912]	11.88- 02.01	110766	28 27	11.88-	116040	24 4.0
		11.88- 02.01	112098	14 65			
	(Unimog)[OM366.939]	11.88- 02.01	110766	28 27			
		11.88- 02.01	112098	14 65			
Various models						114003	12 5.0
	(Hanomag)				07.72- 06.73	110210	24 6.6
	(Hanomag)				06.70- 02.74	110368	12 2.3
	(Hanomag)				03.71- 02.74	110512	24 5.4
	(Hanomag)				12.69- 12.73	110536	12 2.7
	(Hanomag)				03.71- 02.74	110775	12 1.8
	(Hanomag)				07.82-	111003	24 5.4
	(Hanomag)					111793	12 3.0
	(Hanomag)				01.80-	112670	24 4.0
<b>AGRICULTURE</b>							
700 3.8	[OM314.956]	07.73- 12.75	111141	14 55	04.74- 12.75	110525	12 3.0

## STARTERS & ALTERNATORS



	[OM314.957]					03.74- 12.75	110525	12	3.0
700 4.0	[OM364.908]	03.87- 12.91	111141	14	55	03.87- 12.91	110525	12	3.0
800 3.8	[OM314.957]	07.73- 12.75	111141	14	55	03.74- 12.75	110525	12	3.0
800 4.0	[OM364.909]	03.87- 12.91	111141	14	55	03.87- 12.91	110525	12	3.0
900 3.8	[OM314.970]	09.81- 12.82	111141	14	55	09.81- 12.82	110525	12	3.0
900 4.0 Turbo	[OM364.951]	03.87- 12.91	111141	14	55	03.87- 12.91	110525	12	3.0
1000 5.7	[OM353.985]	12.82- 03.87	111141	14	55	12.82- 03.87	110525	12	3.0
1000 6.0	[OM366.908]	03.87- 12.91	111141	14	55	03.87- 12.91	110525	12	3.0
	[OM366.912]	03.87- 12.91	111141	14	55	03.87- 12.91	110525	12	3.0
1100 5.7	[OM353.949]	03.79- 03.87	111141	14	55	01.81- 03.87	110525	12	3.0
1100 6.0	[OM366.908]	03.87- 12.91	111141	14	55	03.87- 12.91	110525	12	3.0
	[OM366.912]	03.87- 12.91	111141	14	55	03.87- 12.91	110525	12	3.0
1300 5.7	[OM353.957]	10.76- 03.87	111141	14	55				
1300 6.0	[OM366.958]	03.87- 12.91	111141	14	55	03.87- 12.91	110525	12	3.0
	[OM366.977]	03.87- 12.91	111141	14	55	03.87- 12.91	110525	12	3.0
1400 6.0	[OM366.958]	03.87- 12.91	111141	14	55	03.87- 12.91	110525	12	3.0
	[OM366.977]	03.87- 12.91	111141	14	55	03.87- 12.91	110525	12	3.0
1500 5.7	[OM353.976]	07.80- 03.87	111141	14	55	07.80- 03.87	110525	12	3.0
1600 6.0	[OM366.954]	06.90- 12.91	111141	14	55	06.90- 12.91	110525	12	3.0
65/70 3.8	[OM314.956]	07.73- 12.75	112098	14	65	03.74- 12.75	110525	12	3.0
<b>MOTORS</b>									
Engine 11.0	[421]					02.86-	110539	12	3.6
Engine 3.8	[314]					04.71- 12.88	110512	24	5.4
Engine 9.6	[401..]					05.94-	110539	12	3.6
<b>Mercruiser</b>									
<b>MARINE</b>									
Various models 2.5		01.73- 01.76	111250	14	42	DR			
Various models 3.0		01.90- 01.95	110959	14	55	Mando type	01.98-	112239	12 1.4
		01.69- 01.79	111250	14	42	DR			
Various models 4.3								110216	12 1.4
							01.96- 01.01	112239	12 1.4
Various models 5.0		01.70- 01.77	111250	14	42	DR			
							01.87- 01.95	111786	12 1.7
							01.73- 01.95	112232	12 2.4
							01.96-	111699	12 1.6
							01.85- 01.90	111277	12
							01.98- 01.01	112239	12 1.4
Various models 5.7		01.69- 01.77	111250	14	42	DR			
							01.89- 01.98	111786	12 1.7
							01.75- 01.87	112232	12 2.4
							01.87- 01.95	112233	12
								110216	12 1.4
							01.98- 01.01	112239	12 1.4
Various models 5.8		01.73- 01.77	111250	14	42	DR	01.73- 01.77	112232	12 2.4
Various models			114812	14	70			112897	12 1.7
								114402	12 2.3
<b>Mercury</b>									
<b>PASSENGER CARS US</b>									
Bobcat 2.3		01.75- 01.80	110237	14	60		01.75- 01.79	110230	12
		01.75- 01.80	110238	14	70				
Bobcat 2.8		01.75- 01.79	110237	14	60		01.75- 01.79	110230	12
		01.75- 01.79	110238	14	70				
Breezeway 7.0							01.65- 01.65	110226	12
Brougham 6.7							01.67- 01.67	110226	12
Brougham 7.0							01.67- 01.67	110226	12
Caliente 7.0							01.65- 01.65	110226	12
Capri 1.6							01.91- 01.94	110149	12 0.9
							01.71- 01.72	110336	12 0.75
Capri 1.6 Turbo XR2							01.91- 01.94	110149	12 0.9
Capri 2.0		01.71- 01.74	111086	14	65		01.71- 01.74	110336	12 0.75
		01.71- 01.74	110179	14	36				
Capri 2.3		01.79- 01.86	110237	14	60		01.81- 01.86	112963	12 1.4
		01.79- 01.80	110238	14	70				
Capri 2.3 Ghia		01.79- 01.80	110238	14	70				
		01.79- 01.80	110237	14	60				
Capri 2.3 Turbo		01.79- 01.84	110237	14	60		01.83- 01.84	112963	12 1.4
		01.79- 01.79	110238	14	70				
Capri 2.3 Turbo Ghia		01.79- 01.79	110237	14	60				
		01.79- 01.79	110238	14	70				
Capri 2.8		01.79- 01.79	110237	14	60				
		01.79- 01.79	110238	14	70				
		01.76- 01.77	110759	14	35				
Capri 2.8 Ghia		01.79- 01.79	110238	14	70				
		01.79- 01.79	110237	14	60				
Capri 3.3		01.79- 01.82	110238	14	70				
		01.79- 01.82	110237	14	60				
Capri 3.3 Ghia		01.79- 01.80	110237	14	60				
		01.79- 01.80	110238	14	70				
Capri 4.2		01.80- 01.82	110237	14	60		01.80- 01.82	110225	12
		01.80- 01.82	110238	14	70				
Capri 4.2 Ghia		01.80- 01.80	110238	14	70		01.80- 01.80	110225	12
		01.80- 01.80	110237	14	60				
Capri 5.0		01.79- 01.85	110237	14	60		01.79- 01.82	110225	12
		01.79- 01.85	110238	14	70				
		01.86- 01.86	112835	14	65				
Capri 5.0 Ghia		01.79- 01.79	110238	14	70		01.79- 01.79	110225	12
		01.79- 01.79	110237	14	60				
Colony Park 5.0		01.84- 01.91	112914	14	100		01.79- 01.82	110225	12
		01.86- 01.91	112835	14	65				
		01.79- 01.82	110237	14	60				
		01.79- 01.82	110238	14	70				
Colony Park 5.8		01.79- 01.81	110238	14	70		01.71- 01.73	110225	12
		01.79- 01.81	110237	14	60				
		01.79- 01.81	112914	14	100				
Colony Park 6.4							01.65- 01.70	110226	12
Colony Park 6.6							01.71- 01.76	110228	12
Colony Park 7.0							01.65- 01.68	110226	12
							01.69- 01.73	110229	12

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**MERCURY** Continued

Colony Park 7.5	01.72- 01.76	110238	14	70	01.72- 01.76	110229	12
	01.72- 01.76	110237	14	60			
Comet 2.4					01.60- 01.63	110226	12
Comet 2.8					01.61- 01.64	110226	12
Comet 3.3	01.76- 01.77	110237	14	60	01.64- 01.77	110226	12
Comet 4.1	01.77- 01.77	110237	14	60	01.69- 01.77	110225	12
Comet 4.3					01.63- 01.64	110225	12
					01.63- 01.64	110224	12 1.3
Comet 4.7					01.64- 01.67	110225	12
					01.64- 01.67	110224	12 1.3
Comet 5.0	01.77- 01.77	110237	14	60	01.68- 01.77	110225	12
Comet 5.8					01.68- 01.76	110224	12 1.3
					01.69- 01.69	110224	12 1.3
Comet 6.4					01.69- 01.69	110225	12
Comet 7.0					01.66- 01.69	110226	12
Cougar 2.0					01.65- 01.67	110226	12
					01.99- 01.02	112235	12 1.4
Cougar 2.3					01.99- 01.02	112340	12 1.4
	01.81- 01.81	110237	14	60	01.81- 01.81	112963	12 1.4
Cougar 2.3 Turbo	01.84- 01.86	110237	14	60	01.84- 01.86	112963	12 1.4
Cougar 2.5	01.99- 01.02	112939	14	130	01.99- 01.02	111374	12 1.5
Cougar 2.5 S	01.01- 01.01	112939	14	130	01.01- 01.01	111374	12 1.5
Cougar 3.3	01.81- 01.82	110237	14	60			
	01.81- 01.82	110238	14	70			
Cougar 3.3 XR-7	01.80- 01.82	110238	14	70			
	01.80- 01.82	110237	14	60			
Cougar 3.8 30TH Anniversary	01.94- 12.97	112933	14	130	01.89- 01.96	111183	12 1.4
Cougar 3.8 LS	01.89- 01.92	112835	14	65	01.89- 01.96	111183	12 1.4
Cougar 3.8 XR-7	01.87- 01.92	111252	14	75			
	01.97- 01.97	112933	14	130	01.89- 01.97	111183	12 1.4
Cougar 3.8 Super XR-7	01.93- 01.96	111252	14	75	01.89- 01.96	111183	12 1.4
Cougar 4.2	01.81- 01.81	110237	14	60			
	01.81- 01.81	112914	14	100			
	01.81- 01.81	110238	14	70			
Cougar 4.2 XR-7	01.80- 01.81	110238	14	70	01.80- 01.81	110225	12
	01.80- 01.81	110237	14	60			
	01.80- 12.81	112914	14	100			
Cougar 4.6 30TH Anniversary					01.97- 01.97	112646	12 1.4
Cougar 4.6 XR-7	01.94- 01.96	112927	14	130	01.97- 01.97	112646	12 1.4
Cougar 4.7					01.94- 01.96	112592	12 1.4
					01.67- 01.68	110225	12
Cougar 4.7 XR-7					01.67- 01.68	110224	12 1.3
					01.67- 01.67	110225	12
Cougar 5.0	01.77- 01.86	110237	14	60	01.67- 01.67	110224	12 1.3
	01.77- 01.79	110238	14	70	01.68- 01.79	110225	12
Cougar 5.0 BOSS 302					01.68- 01.70	110224	12 1.3
					01.69- 01.69	110225	12
Cougar 5.0 Brougham	01.77- 01.77	110237	14	60	01.69- 01.69	110224	12 1.3
	01.77- 01.77	110238	14	70	01.77- 01.77	110225	12
Cougar 5.0 LS	01.87- 01.88	112835	14	65			
Cougar 5.0 XR-7	01.87- 01.88	112835	14	65	01.68- 01.81	110225	12
	01.77- 01.81	110238	14	70	01.68- 01.70	110224	12 1.3
Cougar 5.8	01.77- 01.81	110237	14	60			
	01.75- 01.79	110238	14	70	01.69- 01.79	110225	12
Cougar 5.8 Brougham	01.75- 01.79	110237	14	60	01.75- 01.77	110228	12
					01.69- 01.73	110224	12 1.3
Cougar 5.8 Brougham Villager	01.77- 01.77	110238	14	70	01.77- 01.77	110225	12
	01.77- 01.77	110237	14	60	01.77- 01.77	110228	12
Cougar 5.8 XR-7	01.76- 01.79	110237	14	60	01.77- 01.77	110228	12
	01.76- 01.79	110238	14	70	01.69- 01.79	110225	12
Cougar 6.4					01.76- 01.77	110228	12
					01.69- 01.74	110224	12 1.3
Cougar 6.4 XR-7					01.68- 01.69	110226	12
Cougar 6.6	01.75- 01.78	110238	14	70	01.68- 01.69	110226	12
	01.75- 01.78	110237	14	60	01.75- 01.78	110228	12
Cougar 6.6 Brougham	01.77- 01.77	110237	14	60			
	01.77- 01.77	110238	14	70	01.77- 01.77	110228	12
Cougar 6.6 Brougham Villager	01.77- 01.77	110237	14	60			
	01.77- 01.77	110238	14	70	01.77- 01.77	110228	12
Cougar 6.6 XR-7	01.73- 01.78	110237	14	60			
	01.73- 01.78	110238	14	70	01.73- 01.78	110228	12
Cougar 7.0					01.71- 01.71	110229	12
Cougar 7.0 Cobra Jet					01.68- 01.70	110226	12
					01.71- 01.71	110229	12
Cougar 7.0 XR-7					01.69- 01.70	110226	12
					01.71- 01.71	110229	12
Cougar 7.5	01.75- 01.75	110237	14	60	01.68- 01.70	110226	12
	01.75- 01.75	110238	14	70	01.75- 01.75	110229	12
Cougar 7.5 XR-7	01.73- 01.76	110238	14	70			
	01.73- 01.76	110237	14	60	01.73- 01.76	110229	12
Cyclone 4.7					01.64- 01.67	110224	12 1.3
					01.64- 01.67	110225	12
Cyclone 5.0					01.68- 01.69	110225	12
					01.68- 01.69	110224	12 1.3
Cyclone 5.0 CJ					01.69- 01.69	110225	12
					01.69- 01.69	110224	12 1.3
Cyclone 5.0 GT					01.70- 01.70	110224	12 1.3
					01.70- 01.70	110225	12
Cyclone 5.8					01.69- 01.71	110225	12
					01.69- 01.71	110224	12 1.3

## STARTERS & ALTERNATORS



Cyclone 5.8 GT					01.70- 01.71	110224	12	1.3
					01.70- 01.71	110225	12	
Cyclone 5.8 Spoiler					01.71- 01.71	110225	12	
					01.71- 01.71	110224	12	1.3
Cyclone 6.4					01.66- 01.69	110226	12	
Cyclone 7.0					01.70- 01.71	110229	12	
					01.68- 01.69	110226	12	
Cyclone 7.0 CJ					01.69- 01.69	110226	12	
Cyclone 7.0 GT					01.70- 01.71	110229	12	
Cyclone 7.0 Spoiler					01.70- 01.71	110229	12	
Grand Marquis 4.2	01.81- 01.82	110238	14	70	03.92- 01.99	112646	12	1.4
	01.81- 01.82	110237	14	60				
	01.81- 01.82	112914	14	100				
Grand Marquis 4.6	01.98- 01.02	112947	14	135	01.96- 01.02	112646	12	1.4
	01.99- 01.02	112942	14	130	01.92- 01.95	112592	12	1.4
	01.92- 01.95	112921	14	95				
	01.93- 01.95	112932	14	130				
	01.93- 01.95	112927	14	130				
	01.86- 01.91	112835	14	65				
	01.83- 12.88	112914	14	100				
Grand Marquis 5.0	01.83- 01.91	112914	14	100	01.79- 01.82	110225	12	
	01.91- 01.91	112835	14	65				
	01.79- 01.91	110237	14	60				
	01.79- 01.82	110238	14	70				
Grand Marquis 5.0 Colony Park	01.83- 01.83	110237	14	60				
	01.83- 01.83	112914	14	100				
Grand Marquis 5.8	01.83- 01.89	112914	14	100	01.79- 01.81	110225	12	
	01.78- 01.81	110237	14	60				
	01.78- 01.81	110238	14	70				
Grand Marquis 5.8 Colony Park	01.86- 01.86	112914	14	100				
Grand Marquis 6.6	01.75- 01.78	110237	14	60	01.75- 01.78	110228	12	
	01.75- 01.78	110238	14	70				
Grand Marquis 7.5	01.75- 01.78	110238	14	70	01.75- 01.78	110229	12	
	01.75- 01.78	110237	14	60				
LN7 1.6	01.82- 01.83	110237	14	60				
Lynx 1.6	01.81- 01.85	110237	14	60				
Marauder 6.4					01.63- 01.70	110226	12	
Marauder 7.0					01.65- 01.65	110226	12	
					01.69- 01.70	110229	12	
Marauder 7.0 X-100					01.69- 01.70	110229	12	
Marquis 2.3	01.83- 01.86	110237	14	60	01.83- 01.86	112963	12	1.4
Marquis 2.3 Brougham	01.83- 01.86	110237	14	60	01.83- 01.86	112963	12	1.4
Marquis 2.3	01.83- 01.84	110237	14	60	01.83- 01.84	112963	12	1.4
Marquis 2.3 Brougham	01.83- 01.84	110237	14	60	01.83- 01.84	112963	12	1.4
Marquis 3.3	01.83- 01.83	110238	14	70				
	01.83- 01.83	110237	14	60				
Marquis 3.3 Brougham	01.83- 01.83	110237	14	60				
	01.83- 01.83	110238	14	70				
Marquis 4.2	01.81- 01.82	112914	14	100				
	01.81- 01.82	110238	14	70				
	01.81- 01.82	110237	14	60				
Marquis 4.2 Brougham	01.81- 01.82	110238	14	70				
	01.81- 01.82	110237	14	60				
	01.81- 01.82	112914	14	100				
Marquis 5.0	01.79- 01.85	112914	14	100	01.79- 01.82	110225	12	
	01.79- 01.82	110238	14	70	01.90- 01.91	111183	12	1.4
	01.79- 01.85	110237	14	60				
Marquis 5.0 Brougham	01.79- 01.82	110238	14	70	01.79- 01.82	110225	12	
	01.79- 01.82	112914	14	100	01.90- 01.91	111183	12	1.4
	01.79- 01.82	110237	14	60				
Marquis 5.8	01.78- 01.81	110238	14	70	01.71- 01.81	110225	12	
	01.78- 01.81	110237	14	60				
	01.80- 01.81	112914	14	100				
Marquis 5.8 Brougham	01.78- 01.82	110237	14	60	01.71- 01.82	110225	12	
	01.78- 01.82	110238	14	70				
	01.80- 01.82	112914	14	100				
Marquis 6.4					01.68- 01.70	110226	12	
Marquis 6.4 Brougham					01.70- 01.70	110226	12	
Marquis 6.6	01.77- 01.78	110238	14	70	01.71- 01.76	110228	12	
	01.77- 01.78	110237	14	60				
Marquis 6.6 Brougham	01.77- 01.78	110238	14	70	01.72- 01.76	110228	12	
	01.77- 01.78	110237	14	60				
Marquis 6.7					01.67- 01.67	110226	12	
Marquis 7.0					01.67- 01.69	110226	12	
					01.69- 01.73	110229	12	
Marquis 7.0 Brougham					01.70- 01.73	110229	12	
Marquis 7.5	01.72- 01.78	110237	14	60	01.72- 01.78	110229	12	
	01.72- 01.78	110238	14	70				
Marquis 7.5 Brougham	01.72- 01.78	110238	14	70	01.72- 01.78	110229	12	
	01.72- 01.78	110237	14	60				
Monarch 3.3	01.75- 01.77	110238	14	70	01.75- 01.77	110226	12	
	01.75- 01.77	110237	14	60				
Monarch 4.1	01.75- 01.80	110237	14	60	01.75- 01.80	110225	12	
	01.75- 01.80	110238	14	70				
Monarch 4.1 Ghia	01.75- 01.77	110238	14	70	01.75- 01.77	110225	12	
	01.75- 01.77	110237	14	60				
Monarch 4.2	01.80- 01.80	110238	14	70				
	01.80- 01.80	110237	14	60				
Monarch 5.0	01.75- 01.80	110237	14	60	01.75- 01.80	110225	12	
	01.75- 01.80	110238	14	70	01.75- 01.80	110224	12	1.3
Monarch 5.0 Ghia	01.75- 01.77	110237	14	60	01.75- 01.77	110224	12	1.3
	01.75- 01.77	110238	14	70	01.75- 01.77	110225	12	
Monarch 5.8	01.75- 01.77	110237	14	60	01.75- 01.77	110225	12	
	01.75- 01.77	110238	14	70				
Monarch 5.8 Ghia	01.75- 01.77	110238	14	70	01.75- 01.77	110225	12	
	01.75- 01.77	110237	14	60				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**MERCURY** Continued

Montclair 6.4					01.65- 01.68	110226	12
Montclair 6.7					01.66- 01.67	110226	12
Montclair 7.0					01.65- 01.68	110226	12
Montego 3.3					01.68- 01.68	110226	12
Montego 3.3 MX					01.68- 01.68	110226	12
Montego 4.1					01.69- 01.74	110225	12
Montego 4.1 MX					01.69- 01.73	110225	12
Montego 4.1 MX Brougham					01.70- 01.72	110225	12
Montego 4.1 Villager					01.70- 01.72	110225	12
Montego 5.0					01.68- 01.74	110225	12
					01.68- 01.74	110224	12 1.3
Montego 5.0 GT					01.72- 01.73	110225	12
					01.72- 01.73	110224	12 1.3
Montego 5.0 MX					01.68- 01.74	110225	12
					01.68- 01.74	110224	12 1.3
Montego 5.0 MX Brougham					01.70- 01.74	110225	12
					01.70- 01.74	110224	12 1.3
Montego 5.0 Villager					01.70- 01.74	110225	12
					01.70- 01.74	110224	12 1.3
Montego 5.8		01.75- 01.76	110237	14 60	01.69- 01.76	110225	12
		01.75- 01.76	110238	14 70	01.69- 01.76	110224	12 1.3
					01.75- 01.76	110228	12
Montego 5.8 GT					01.72- 01.73	110225	12
					01.72- 01.73	110224	12 1.3
Montego 5.8 MX		01.75- 01.76	110237	14 60	01.69- 01.76	110225	12
		01.75- 01.76	110238	14 70	01.69- 01.76	110224	12 1.3
					01.75- 01.76	110228	12
Montego 5.8 MX Brougham		01.75- 01.76	110237	14 60	01.70- 01.76	110225	12
		01.75- 01.76	110238	14 70	01.70- 01.76	110224	12 1.3
					01.75- 01.76	110228	12
Montego 5.8 Villager		01.75- 01.76	110237	14 60	01.70- 01.76	110225	12
		01.75- 01.76	110238	14 70	01.70- 01.76	110224	12 1.3
					01.75- 01.76	110228	12
Montego 6.4					01.68- 01.69	110226	12
Montego 6.4 MX					01.68- 01.69	110226	12
Montego 6.6					01.72- 01.76	110229	12
					01.72- 01.76	110228	12
Montego 6.6 GT					01.72- 01.73	110229	12
					01.72- 01.73	110228	12
Montego 6.6 MX					01.72- 01.76	110229	12
					01.72- 01.76	110228	12
Montego 6.6 MX Brougham					01.72- 01.76	110229	12
					01.72- 01.76	110228	12
Montego 6.6 Villager					01.72- 01.76	110229	12
					01.72- 01.76	110228	12
Montego 7.0					01.70- 01.73	110229	12
					01.68- 01.68	110226	12
Montego 7.0 GT		01.72- 01.73	110238	14 70	01.72- 01.73	110229	12
		01.72- 01.73	110237	14 60			
Montego 7.0 MX					01.70- 01.73	110229	12
					01.69- 01.69	110226	12
Montego 7.0 MX Brougham					01.70- 01.73	110229	12
Montego 7.0 Villager		01.72- 01.73	110238	14 70	01.72- 01.73	110229	12
		01.72- 01.73	110237	14 60			
Montego 7.5		01.76- 01.76	110238	14 70	01.76- 01.76	110229	12
		01.76- 01.76	110237	14 60			
Montego 7.5 MX		01.73- 01.76	110238	14 70	01.73- 01.76	110229	12
		01.73- 01.76	110237	14 60			
Montego 7.5 MX Brougham		01.74- 01.76	110238	14 70	01.74- 01.76	110229	12
		01.74- 01.76	110237	14 60			
Montego 7.5 Villager		01.74- 01.76	110237	14 60	01.74- 01.76	110229	12
		01.74- 01.76	110238	14 70			
Monterey 4.2					01.04- 01.07	112586	12 1.4
Monterey 4.2 Luxury					01.06- 01.07	112586	12 1.4
Monterey 4.2 Premier					01.04- 01.07	112586	12 1.4
Monterey 5.8					01.71- 01.73	110225	12
Monterey 5.8 Custom					01.71- 01.73	110225	12
Monterey 6.4					01.65- 01.70	110226	12
Monterey 6.4 Custom					01.69- 01.70	110226	12
Monterey 6.6					01.71- 01.74	110228	12
Monterey 6.6 Custom					01.71- 01.74	110228	12
Monterey 6.7					01.66- 01.67	110226	12
Monterey 7.0					01.69- 01.73	110229	12
					01.65- 01.70	110226	12
Monterey 7.0 Custom					01.69- 01.70	110226	12
					01.69- 01.73	110229	12
Monterey 7.5		01.72- 01.74	110237	14 60	01.72- 01.74	110229	12
		01.72- 01.74	110238	14 70			
Monterey 7.5 Custom		01.72- 01.74	110238	14 70	01.72- 01.74	110229	12
		01.72- 01.74	110237	14 60			
Mountaineer 4.0		01.98- 01.03	112946	14 130			
Mountaineer 4.0		01.02- 01.03	112946	14 130			
Mountaineer 4.6		01.02- 01.03	112942	14 130			
Mountaineer 5.0		01.97- 01.01	112946	14 130			
Mystique 2.0					01.99- 01.00	112340	12 1.4
					01.99- 01.00	112235	12 1.4
Mystique 2.0 GS					01.95- 01.98	112235	12 1.4
					01.95- 01.98	112340	12 1.4
Mystique 2.0 LS					01.95- 01.98	112340	12 1.4
					01.95- 01.98	112235	12 1.4
Mystique 2.5		01.99- 01.00	112939	14 130	01.99- 01.00	111374	12 1.5
Mystique 2.5 GS		01.95- 12.98	112939	14 130	01.95- 01.98	111374	12 1.5
Mystique 2.5 LS		01.96- 01.98	112939	14 130	01.96- 01.98	111374	12 1.5
Mystique 2.5 Young America		01.95- 01.95	112939	14 130	01.95- 01.95	111374	12 1.5
Park Lane 6.4					01.65- 01.68	110226	12
Park Lane 6.7					01.66- 01.67	110226	12

## STARTERS & ALTERNATORS

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Park Lane 7.0						01.65- 01.68	110226	12		
Sable 3.0		01.87- 01.87	112914	14	100	01.92- 01.99	112586	12	1.4	
		01.87- 01.87	110238	14	70	01.93- 01.98	112584	12	1.4	
		01.96- 01.02	112944#	14	130					
		01.96- 01.00	112936	14	130					
		01.93- 12.93	112931	14	130					
Sable 3.8						01.90- 01.95	112586	12	1.4	
						01.91- 01.95	112584	12	1.4	
Topaz 3.0						01.92- 01.94	112584	12	1.4	
						01.92- 01.94	112586	12	1.4	
Tracer 1.6		01.88- 01.89	112297	14	60	01.87- 01.89	110149	12	0.9	
Tracer 2.0		01.99- 01.99	111199	14	95					
Villager 7.0						01.65- 01.65	110226	12		
Zephyr 2.3		01.78- 01.82	110237	14	60					
		01.78- 01.82	110238	14	70					
Zephyr 2.3 GS		01.83- 01.83	110237	14	60	01.83- 01.83	112963	12	1.4	
Zephyr 2.3 Z7		01.78- 01.83	110238	14	70					
		01.78- 01.83	110237	14	60					
Zephyr 3.3		01.78- 01.82	110238	14	70					
		01.78- 01.82	110237	14	60					
		08.79- 12.82	112914	14	100					
Zephyr 3.3 GS		01.83- 01.83	112914	14	100					
		01.83- 01.83	110237	14	60					
		01.83- 01.83	110238	14	70					
Zephyr 3.3 Z7		01.80- 01.83	112914	14	100					
		01.78- 01.83	110237	14	60					
		01.78- 01.83	110238	14	70					
Zephyr 4.2		01.80- 01.82	112914	14	100	01.80- 01.82	110225	12		
		01.80- 01.82	110238	14	70					
		01.80- 01.82	110237	14	60					
Zephyr 4.2 Z7		01.80- 01.81	110238	14	70	01.80- 01.81	110225	12		
		01.80- 01.81	110237	14	60					
		01.80- 01.81	112914	14	100					
Zephyr 5.0		01.78- 01.79	110237	14	60	01.78- 01.79	110225	12		
		01.78- 01.79	112914	14	100					
		01.78- 01.79	110238	14	70					
Zephyr 5.0 Z7		01.78- 01.79	110238	14	70	01.78- 01.79	110225	12		
		01.78- 01.79	110237	14	60					
		01.78- 01.79	112914	14	100					
<b>MARINE</b>										
4E+37						01.78-	114261	12	1.0	
40EL36						01.78-	114261	12	1.0	
55E						01.78-	114261	12	1.0	
60EL						01.78-	114261	12	1.0	
Various models			113685	14	70	01.65- 01.83	110241	12	0.8	
			111576	14	90	01.94- 01.01	112826	12		
			112477	28	25	01.98- 01.01	112829	12		
			110959	14	55	01.76- 01.97	110654	12	0.7	
			114172	14	65	01.78- 01.95	110650	12	0.8	
			111710	14	65	01.88- 01.01	110648	12	0.7	
						01.65- 01.83	110332	12	1.0	
						01.98- 01.01	113592	12		
						01.95- 01.00	113591	12		
						01.99- 01.01	112830	12		
							114675	12	0.6	
							115740	12		
							111786	12	1.7	
						01.69- 01.88	110649	12	0.8	
							114402	12	2.3	
					01.80- 01.01	112247	12			
					01.93- 01.00	112146	12	0.6		
<b>Merkur</b>										
<b>PASSENGER CARS US</b>										
Scorpio 2.9						01.88- 01.89	110842	12	1.4	
XR 4 TI 2.3 Turbo						01.85- 01.89	112963	12	1.4	
<b>MG</b>										
<b>PASSENGER CARS EU</b>										
1300 MK 1.3						09.67- 09.70	111102	12	0.8	
Express 1.4 [14K4F]		03.03- 05.05	111756	14	65	03.03- 05.05	113346	12	0.8	
		03.03- 05.05	112414	14	85					
Express 1.8 [18K4F]		03.03- 05.05	111756	14	65	03.03- 05.05	113281	12	1.1	
		03.03- 05.05	112414	14	85					
Express 2.0 Diesel [20T2N]		03.03- 05.05	114386	14	90	03.03- 05.05	113361	12	1.7	
Maestro 1.6 1600 [16H]		03.83- 09.84	111086	14	65					
Maestro 2.0		10.84- 09.90	110770	14	55					
Maestro 2.0 Turbo		10.88- 09.90	110770	14	55					
Magnette 1.6						01.64- 09.68	111103	12	0.8	
Metro 1.3 1300		05.82- 09.90	111185	14	43	A47	05.82- 01.87	111102	12	0.8
		01.85- 09.90	111289	14	70					
Metro 1.3 Turbo		10.82- 09.90	111289	14	70	10.82- 09.90	111102	12	0.8	
MG ZR 2.0 TD [20T2N]		12.02- 12.05	114386	14	90					
MGB 1.8		01.69- 12.80	110178	14	36					
MGB 1.8 GT		01.69- 11.80	110178	14	36					
MGF 1.6 [16K4F]		02.00- 03.02	112414	14	85	02.00- 03.02	113281	12	1.1	
MGF 1.8 i 16V [18K4F]		03.95-	112202	14	85	10.95- 03.02	113281	12	1.1	
		10.95- 03.02	112414	14	85					
MGF 1.8 i VVC [18K4K]		03.95-	112202	14	85	Chas. YD 522573-	10.95- 03.02	113281	12	1.1
MGF 1.8 i WC [18K4K]		AT 03.01- 03.02	112414	14	85	Chas. YD522573-	03.01- 03.02	113281	12	1.1
Midget 1.1						01.64- 12.66	111103	12	0.8	
Midget 1.3						01.67- 09.74	111103	12	0.8	
Midget 1.5		01.73- 12.79	110178	14	36	09.74- 12.79	111103	12	0.8	
Montego 2.0		04.84- 09.90	110968	14	70					
		AC 04.84- 09.90	111355	14	65					
		04.84- 09.90	111362	14	55					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**MG Continued**

Montego 2.0 Turbo	[20HT]	10.84- 09.90	110968	14	70							
		10.84- 09.90	111362	14	55							
		AC 10.84- 09.90	111355	14	65							
RV8 3.9		09.92-	110891	14	70	A47						
TF 1.6 115	[16K4F]	03.02-	112414	14	85							
TF 1.8	[18K4K]	AT 03.02-	112414	14	85		Chas. YD522573-	03.02-	113281	12	1.1	
TF 1.8 120	[18K4F]	03.02-	112414	14	85		Chas. YD 522573-	03.02-	113281	12	1.1	
TF 1.8 135	[18K4F]	03.02-	112414	14	85		Chas. YD 522573-	03.02-	113281	12	1.1	
ZR 2.0 TD	[20T2N]	06.01- 05.05	114386	14	90			06.01-	113361	12	1.7	
ZR 105 1.4	[14K4F]	06.01-	112414	14	85			06.01-	113346	12	0.8	
ZR 120 1.8	[18K4F]	06.01-	112414	14	85		Chas. YD 471565 -	10.01-	113281	12	1.1	
ZR 160 1.8	[18K4K]	06.01- 03.02	112414	14	85		Chas. YD522573-	06.01- 03.02	113281	12	1.1	
ZS 2.0 TD	[20T2N]	01.04- 05.05	114386	14	90			01.04-	113361	12	1.7	
ZS 120 1.8	[18K4F]	07.01-	112414	14	85			02.00-	113281	12	1.1	
ZS 180 2.5	[25 K4F]	07.01-	115864	14	90			07.01- 05.05	113281	12	1.1	
ZT 2.0 CDTi	[204D2]	10.01- 05.05	112472	14	100			06.02- 09.03	113965	12	2.0	
		[M47R (204D2)]	11.02-	112462	14	120		11.02-	113965	12	2.0	
		11.02-	112472	14	100							
ZT 160 2.5	[25K4F]	06.01-	115864	14	90		06.01-	115950	12	2.0		
ZT 190 2.5	[25K4F]	06.01-	115864	14	90		06.01-	115950	12	2.0		
ZT- T 2.0 CDTi	[M47R (204D2)]	11.02-	112462	14	120			11.02-	113965	12	2.0	
		11.02-	112472	14	100							
ZT- T 2.5	[25K4F]						10.01-	115950	12	2.0		
ZT-T 2.0 CDTi	[204D2]	10.01- 05.05	112472	14	100			06.02- 09.03	113965	12	2.0	
<b>PASSENGER CARS US</b>												
1100 1.1								01.64-	111102	12	0.8	
1300 1.3								01.68-	111102	12	0.8	
MGA 1.5								01.56- 01.59	111102	12	0.8	
MGA 1.6								01.60- 01.62	111102	12	0.8	
MGB 1.8		01.68- 01.79	110178	14	36							
		01.74- 01.80	111185	14	43	A47						
MGB 1.8 GT		01.74- 01.74	111185	14	43	A47						
		01.68- 01.74	110178	14	36							
MGC 2.9		01.69- 01.69	110178	14	36							
Midget 1.1								01.63- 01.66	111102	12	0.8	
Midget 1.3		01.74- 01.74	110178	14	36			01.67- 01.74	111102	12	0.8	
Midget 1.5		01.75- 01.79	110178	14	36			01.75- 01.79	111102	12	0.8	
TF 1.5								01.55- 01.55	111102	12	0.8	
<b>Minelli</b>												
<b>PASSENGER CARS AO</b>												
TF 1.8	[OM353.904]							01.98-	114073	24	5.5	
								01.98-	115511	24	5.5	A49
<b>Mini</b>												
<b>PASSENGER CARS EU</b>												
Cooper 1.5 Clubman	[B38A15A]							07.15-	115999	12	1.4	
Cooper 1.6	[N12B16A]	03.10-	114771*	14	150			10.06-	113960	12	0.9	
							A25	10.06-	114692	12	1.7	
	[N14B16C]	09.11-	114771*	14	150			09.11-	113960	12	0.9	
		09.11-	114811	14	120							
	[N16B16A]	03.09-	114771*	14	150			A25	03.10-	114692	12	1.7
									03.10-	113690	12	1.0
Cooper 1.6 Clubman	[N12B16A]	10.07-	114771*	14	150			10.07-	113960	12	0.9	
							A25	10.07-	114692	12	1.7	
	[N14B16A]	10.07-	114811	14	120			10.07-	113960	12	0.9	
								A25	10.07-	114692	12	1.7
	[N16B16A]	10.07-	114771*	14	150			10.07-	113960	12	0.9	
								A25	10.07-	114692	12	1.7
Cooper 1.6 Countryman	[N16B16A]	06.10-	114771*	14	150			06.10-	113960	12	0.9	
							A25	06.10-	114692	12	1.7	
	[N18B16A]							06.10-	114692	12	1.7	
Cooper 1.6 Countryman 4x4	[N16B16A]							11.14-	113960	12	0.9	
								11.14-	114692	12	1.7	
	[N18B16A]							A25	06.10-	114692	12	1.7
								11.14-	113960	12	0.9	
Cooper 1.6 Paceman	[N16B16A]	05.13-	114771*	14	150			11.14-	114692	12	1.7	
								04.12-	113960	12	0.9	
								05.13-	114692	12	1.7	
Cooper 1.6 Paceman 4x4	[N16B16A]	07.14-	114771*	14	150			07.14-	113960	12	0.9	
								07.14-	114692	12	1.7	
	[N18B16A]							11.14-	113960	12	0.9	
								11.14-	114692	12	1.7	
Cooper 1.6 Roadster	[N16B16A]	02.12-	114771*	14	150			02.12-	113960	12	0.9	
Cooper 1.6 Roadster John Cooper Work	[N14B16C]	02.12-	114771*	14	150			02.12-	113960	12	0.9	
Cooper 1.6 S 4X4 Countryman	[N18B16A]	07.14-	114771*	14	150			07.14-	113960	12	0.9	
								07.14-	114692	12	1.7	
Cooper 1.6 S 4X4 Paceman	[N18B16A]	07.14-	114771*	14	150			07.14-	113960	12	0.9	
								07.14-	114692	12	1.7	
Cooper 1.6 S Paceman	[N18B16A]	07.14-	114771*	14	150			07.14-	113960	12	0.9	
								07.14-	114692	12	1.7	
Cooper 1.6 SD Countryman	[N18B16A]	07.14-	114771*	14	150			07.14-	113960	12	0.9	
								07.14-	114692	12	1.7	
Cooper 1.6 Diesel	[9HZ (DV6TED4)]	03.07-	114844*	14	145			03.07-	113933	12	1.5	
								A25	03.07-	114849	12	1.7
	[N47C16A]	06.10-	115834	14	150			06.10-	115997	12	1.4	
	[W16D16]	03.07-	114844*	14	145			03.07-	113933	12	1.5	
Cooper 1.6 Diesel Clubman	[9HZ (DV6ATED4)]							03.07-	114849	12	1.7	
								A25	10.07-	114849	12	1.7
								10.07-	113933	12	1.5	
	[N47C16A]	03.10-	115834	14	150			03.10-	115997	12	1.4	
Cooper 1.6 Diesel Countryman	[N47C16A]	06.10-	115834	14	150			06.10-	115997	12	1.4	

## STARTERS & ALTERNATORS



Cooper SD 2.0 Diesel	[N47C20A]	09.11-	115834	14 150		09.11-	115997	12 1.4
Cooper D 1.6 Diesel	[N47C16A]	12.12-	115834	14 150		12.12-	115997	12 1.4
Cooper D 1.6 Diesel 4x4 Paceman	[N47C16A]	09.12-	115834	14 150		09.12-	115997	12 1.4
Cooper D 1.6 Diesel Paceman	[N47C16A]	09.12-	115834	14 150		09.12-	115997	12 1.4
Cooper D 2.0 Cooper Works	[B48A20B]					03.15-	115999	12 1.4
Cooper D 2.0 Diesel	[N47C20A]	02.11-	115834	14 150		02.11-	115997	12 1.4
Cooper D 2.0 Diesel 4x4	[N47C20A]	02.11-	115834	14 150		02.11-	115997	12 1.4
Cooper D 2.0 Diesel 4x4 Paceman	[N47C20A]	09.12-	115834	14 150				
Cooper D 2.0 Diesel Clubvan	[N47C20A]	12.12-	115834	14 150				
Cooper D 2.0 Diesel Paceman	[N47C20A]	09.12-	115834	14 150		09.12-	115997	12 1.4
Cooper S 1.6	[N14B16A]					A25 10.06-	114692	12 1.7
	[N18B16A]	09.11-	114771*	14 150		10.06-	113960	12 0.9
	[W11B16A]	01.12-	114811	14 120		03.10-	113960	12 0.9
		03.02-	114258	14 105		A25 03.10-	114692	12 1.7
						07.04-	113286	12 0.9
						AT 03.02- 11.06	114295	12 0.9
Cooper S 1.6 4x4 Paceman	[N18B16A]					04.12-	113960	12 0.9
Cooper S 1.6 Clubman	[N18B16A]					A25 03.10-	114692	12 1.7
						03.10-	113960	12 0.9
Cooper S 1.6 Countryman	[N18B16A]	09.12-	114771*	14 150		06.10-	113960	12 0.9
						02.12-	114692	12 1.7
Cooper S 1.6 Paceman	[N18B16A]					04.12-	113960	12 0.9
Cooper S 1.6 Roadster	[N18B16A]	02.12-	114771*	14 150		02.12-	113960	12 0.9
						02.12-	114692	12 1.7
Cooper SD 2.0 4x4 Paceman	[N47C20A]	10.12-	115834	14 150		10.12-	115997	12 1.4
Cooper SD 2.0 Paceman	[N47C20A]	10.12-	115834	14 150		10.12-	115997	12 1.4
Cooper SD 2.0 Diesel	[N47C20A]	02.11-	115834	14 150		A25 02.11-	115997	12 1.4
Cooper SD 2.0 Diesel 4x4	[N47C20A]	02.11-	115834	14 150		02.11-	115997	12 1.4
Cooper SD 2.0 Diesel Clubman	[N47C20A]	02.11-	115834	14 150		02.11-	115997	12 1.4
Cooper SD 2.0 Diesel Countryman	[N47C20A]	02.11-	115834	14 150		A25 02.11-	115997	12 1.4
Cooper SD 2.0 Diesel Roadster	[N47C20A]	02.12-	115834	14 150		02.12-	115997	12 1.4
John Cooper Works 1.6	[N14B16C]					03.08-	113960	12 0.9
John Cooper Works 1.6 Paceman	[N18B16C]					09.12-	113960	12 0.9
Mini 1.6	[N18B16B]					09.12-	113960	12 0.9
	[W11B16A]	11.03-	114258	14 105		11.03-	113286	12 0.9
						AT 11.03- 11.06	114295	12 0.9
Mini Works 1.6	[W11B16A]	11.03-	114258	14 105		11.03-	113286	12 0.9
						AT 11.03-	114295	12 0.9
One 1.4	[N12B14A]					A25 03.07-	114692	12 1.7
One 1.4 Clubman	[N12B14A]					03.07-	113960	12 0.9
One 1.4 i	[B14A]	04.03- 10.06	114147	14 105		A25 03.10-	114692	12 1.7
		04.03- 10.06	114200	14 100		04.03- 10.06	113286	12 0.9
						AT 04.03- 10.06	114295	12 0.9
One 1.4 Diesel	[1ND]	06.03- 09.05	113970	14 100		06.03-	114071	12 2.0
	[1ND-TV]	06.03-	113970	14 100		06.03-	114071	12 2.0
One 1.5 Clubman	[B38A15A]					11.15-	115999	12 1.4
One 1.6	[N16B16A]	03.10-	114771*	14 150		03.10-	113960	12 0.9
	[W10B16A]	06.01-	114147	14 105		A25 03.10-	114692	12 1.7
		06.01-	114200	14 100		AT 06.01- 11.06	114295	12 0.9
		06.01-	115658	14 110		06.01-	113286	12 0.9
		07.04-	114080	14 120				
One 1.6 Clubman	[N16B16A]					A25 03.10-	114692	12 1.7
						03.10-	113960	12 0.9
One 1.6 Countryman	[N16B16A]					A25 06.10-	114692	12 1.7
						06.10-	113960	12 0.9
One 1.6 Diesel	[9HZ (DV6TED4)]					A25 06.09-	114849	12 1.7
	[N47C16A]	07.10-	115834	14 150		06.09-	113933	12 1.5
One 1.6 Diesel Clubman	[N47C16A]	03.10-	115834	14 150		03.10-	115997	12 1.4
One 1.6 Diesel Countryman	[N47C16A]	06.10-	115834	14 150		06.10-	115997	12 1.4
One First 1.2 First	[B38A12A]					03.15-	115999	12 1.4
<b>Mitsubishi</b>								
<b>PASSENGER CARS EU</b>								
3000 GT 3.0 i 24V	[Z16A][6G72]	06.92-	111406	14 110		06.92-	111241	12 1.2
ASX 1.6	[GA_W_][4A92]					05.10-	115774	12 1.1
	[GA1W]					06.10-	115774	12 1.1
ASX 1.8	[4B10]	02.10-	115760	14 120		02.10-	115448	12 1.4
ASX 2.0 i	[4B11]	06.10-	115760	14 120		06.10-	115448	12 1.4
ASX 2.0 i 4WD	[4B11]	06.10-	115760	14 120		06.10-	115448	12 1.4
Carisma 1.3 16V	[DA_]	09.00- 10.04	112418	14 90		09.00- 10.04	111508	12 1.2
Carisma 1.6	[DA1A][4G92]	12.98- 06.06	113832	14 90		12.98-	111508	12 1.2
		07.95- 06.06	113832	14 90		AT 12.98-	113040	12 0.9
						07.95-	111508	12 1.2
						AT 07.95-	113040	12 0.9
						05.97-	111971	12 1.2
						09.00- 06.06	113040	12 0.9
Carisma 1.8	[4G93]	07.95- 06.06	113832	14 90		05.95-	111508	12 1.2
						AT 05.95-	113040	12 0.9
						05.97-	111971	12 1.2
Carisma 1.8 16V	[4G93]	07.95- 06.06	113832	14 90		05.95-	111508	12 1.2
						AT 05.95-	113040	12 0.9
						05.97-	111971	12 1.2
Carisma 1.8 GDi 16V	[DA_][4G93]	09.97-	112327	14 100		09.97-	111971	12 1.2
		09.97-	112328	14 85				
		09.97-	112327	14 100		09.97-	111971	12 1.2
		09.97-	112328	14 85				
Carisma 1.8 GDi	[DA_][4G93]	10.00-	112327	14 100		10.00-	113040	12 0.9
						10.00-	111971	12 1.2
Carisma 1.9 TD	[F8QT]					10.96-	112295	12 1.2
Celeste 1.6	[A72][4G32]					01.77- 06.81	110158	12 1.7
Celeste 2.0	[A78][4G52]	10.75- 06.81	110318	14 50		10.75- 01.79	110157	12 1.0
Challenger 3.5	[K90][6G74 (SOHC 24V)]	09.09-	115927	14 125				
Colt 1.1	[3A91]	10.04- 06.12	115441	14 85		10.04-	114108	12 0.9
Colt 1.1 BiFuel	[Z3_ Z2_][3A91]					10.04-	114108	12 0.9

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

MITSUBISHI Continued

Colt 1.2	(A151A)[4G11]				01.75- 01.78	110157	12 1.0
	(A15A)[4G16]				12.78- 01.84	110158	12 1.2
	(C15A)				02.84- 09.86	110158	12 1.2
Colt 1.3	(Z21W)[4A90]				09.86- 04.88	110158	12 1.2
	(C5_A)[4G13]	04.88- 12.90	110659	14 75	10.04-	115774	12 1.1
		04.88- 12.90	112531	14 60	06.04-	114108	12 0.9
	(C51A)	04.88- 05.92	110659	14 75	04.88- 12.90	110315	12 0.9
	(C1_A)[G13B]	04.88- 05.92	112531	14 60	04.88- 05.92	110315	12 0.9
Colt 1.3 1300	(CJ1A)[4G13]				06.86- 04.88	110158	12 1.2
Colt 1.3 GLX	[4G13]				09.00- 07.05	111971	12 1.2
Colt 1.3 12V	(C51A)[4G13]	07.90- 05.92	110659	14 75	09.00- 07.05	113040	12 0.9
		07.90- 05.92	112531	14 60	05.96-	113040	12 0.9
	(CA1A)				07.90- 05.92	110315	12 0.9
Colt 1.3 BiFuel	(Z3_Z2)[4A90]	06.04- 06.12	115441	14 85	04.92-	110315	12 0.9
Colt 1.4	(A152A)[4G12]				06.04-	114108	12 0.9
					05.79- 10.83	110157	12 1.0
Colt 1.4 Turbo	(A152A)[4G12T]				07.80- 10.83	110158	12 1.2
Colt 1.5	[4A91]	06.04-	115441	14 85	09.81- 01.84	110479	12 0.9
	(C12A)[4G15]				06.04-	114108	12 0.9
	(C52A)	04.88- 05.92	110659	14 75	09.84- 04.88	110315	12 0.9
		04.88- 05.92	112531	14 60	04.88- 05.92	110315	12 0.9
	(C12A)[G15B]				09.85- 04.88	110315	12 0.9
Colt 1.5 CZC	[4A91]	05.06-	115441	14 85	05.06-	114108	12 0.9
Colt 1.5 CZT	[4G15T]				03.05-	114108	12 0.9
Colt 1.5 16V 1500	(CJ2A)[4G15]				11.95-	113040	12 0.9
Colt 1.5 Turbo CZC	[4G15T]				05.06-	114108	12 0.9
Colt 1.5 Di-D	[OM639.939]	08.04-	114406	14 115	08.04-	114183	12 1.8
Colt 1.6 1600	(CJ1A)[4G92]	09.00- 06.03	112328	14 85	09.00- 06.03	113040	12 0.9
Colt 1.6 1600 GLX	[4G92]	05.96-	112328	14 85	A13 05.96-	111971	12 1.2
					05.96-	113040	12 0.9
Colt 1.6 16V	(CA4A)[4G92]	04.92-	111375	14 75	12.91- 05.92	110158	12 1.2
Colt 1.6 GTi 16V	(C53A)[4G61]	04.88- 05.90	110802	14 75	04.88- 05.90	110315	12 0.9
Colt 1.6 Turbo	(C13A)[4G32T/C]				02.84- 04.88	110479	12 0.9
Colt 1.6 Turbo Eci	(C13A)[G32BT]				07.86- 04.88	110479	12 0.9
Colt 1.8 16V	(CA5A)[4G93]	04.92-	111375	14 75			
Colt 1.8 GTi 16V	(C58A)[4G67]	06.90- 05.92	110802	14 75	12.91- 05.92	110158	12 1.2
					01.90- 06.92	110315	12 0.9
					06.90- 05.92	110811	12 1.2
Colt 1.8 Diesel	(C54A)[4D65]				04.88- 05.92	110809	12 2.0
					04.88- 05.92	111912	12 2.2
					07.92-	110809	12 2.0
					10.82- 07.84	110158	12 1.2
Colt 2.0 Diesel	(CA8)[4D68]	07.92-	111587	14 75	09.82- 05.85	110158	12 1.2
Cordia 1.6	(A212A)[4G32]				10.86- 12.86	110158	12 1.2
Cordia 1.6 Turbo	(A212A)[4G32T]				10.84- 12.86	110158	12 1.2
Cordia 1.8	(A215A)[4G37]						
Cordia 1.8 Turbo	(A213A)[4G62T]						
Delica 2.5 Diesel	[4D56]	01.96-	114367	14 65			
Eclipse 2.0 16V GS	[4G63]	08.95-	111376	14 75	12.95-	110811	12 1.2
Eclipse 2.0 i 16V	(D22A)[4G63]	04.91- 02.94	110804	14 90	04.91- 11.95	110811	12 1.2
		04.91- 11.95	111376	14 75	Kat. 01.90- 03.94	111305	12 1.2
Eclipse 2.0 i 16V 4WD	[4G63]	04.91- 02.94	110804	14 90	04.91- 11.95	110811	12 1.2
		04.91- 11.95	111376	14 75			
Eclipse 2000 2.0 16V GT	[4G63]	12.95-	110804	14 90	12.95-	110811	12 1.2
Galant 1.6	(A11A)[4G32]				06.84- 12.87	110315	12 0.9
	(A12_)				01.71- 01.77	110157	12 1.0
					01.77- 08.80	110158	12 1.2
					01.77- 08.80	110315	12 0.9
	(A161A)				09.80- 05.84	110158	12 1.2
	(A161V)				09.80- 05.84	110315	12 0.9
Galant 1.6 GL	(A121V)[4G32]				01.79- 08.80	110158	12 1.2
Galant 1.8	(E32A)[4G37]				01.79- 08.80	110315	12 0.9
					11.87- 10.92	110315	12 0.9
	(E52A)[4G93]	05.92-	111375	14 75	AT 01.90- 10.92	110811	12 1.2
Galant 1.8 TD	(E14A)[4D65T]				06.84- 12.87	111461	12 2.2
	(E34A)	11.88- 10.92	111339	14 65	12.87- 10.92	110809	12 2.0
Galant 2.0	(A12_) [4G52]	01.77- 08.80	110318	14 50	01.77- 08.80	110158	12 1.2
					01.71- 01.77	110157	12 1.0
	(A163)[4G63]	09.80- 05.84	110318	14 50	09.80- 05.84	110158	12 1.2
	(A163V)	09.80- 06.83	110318	14 50	09.80- 06.83	110158	12 1.2
	(E15A)	06.86- 12.87	112531	14 60	06.84- 12.87	110315	12 0.9
					06.84- 12.87	110811	12 1.2
	(E33A)	11.87- 10.92	110802	14 75	11.87- 10.92	110811	12 1.2
		04.89- 10.92	110804	14 90	11.87- 10.92	110315	12 0.9
	(E55A)	11.92-	111376	14 75	11.92-	110315	12 0.9
					11.92-	110811	12 1.2
	(E15A)[G63B]	06.86- 12.87	112531	14 60	06.86- 12.87	110315	12 0.9
Galant 2.0 4WD	(E38A)[4G63]	12.88- 10.92	110802	14 75	06.86- 12.87	110811	12 1.2
		12.88- 10.92	110804	14 90	12.88- 10.92	110315	12 0.9
	(E39A)	04.89- 10.92	110802	14 75	12.88- 10.92	110811	12 1.2
		04.89- 10.92	110804	14 90	04.89- 10.92	110315	12 0.9
	(E75A)	11.92-	111376	14 75	04.89- 10.92	110811	12 1.2
					11.92-	110315	12 0.9
Galant 2.0 GLX	(A123V)[4G52]	01.79- 08.80	110318	14 50	11.92-	110811	12 1.2
Galant 2.0 16V	(E33A)[4G63]	11.87- 10.92	110802	14 75	01.79- 08.80	110158	12 1.2
		11.89- 10.92	110804	14 90	11.87- 10.92	110315	12 0.9
					Kat. 11.88- 10.92	111305	12 1.2
	(EA_)				11.88- 10.92	111305	12 1.2
				09.00- 10.04	113638	12 1.4	



	(EA2A)	09.96-	112328	14	85		09.96- 09.00	113638	12	1.4
	(EA2W)	09.96-	112328	14	85		09.96- 09.00	113638	12	1.4
	(ES2W)						09.00- 10.03	113638	12	1.4
Galant 2.0 16V 4WD	(E3_A)[4G63]	06.88- 10.92	110802	14	75		06.88- 10.92	110315	12	0.9
		11.89- 10.92	110804	14	90		06.88- 10.92	110811	12	1.2
Galant 2.0 GTi 16V	(E3_A)[4G63]	11.87- 10.92	110802	14	75		11.87- 10.92	110315	12	0.9
						A13	11.87- 10.92	110811	12	1.2
Galant 2.0 GTi 16V 4WD	[4G63]	07.89- 12.92	110802	14	75		07.89- 12.92	110315	12	0.9
		11.89- 12.92	110804	14	90		07.89- 12.92	110811	12	1.2
Galant 2.0 Turbo	(A164)[4G63T]						05.82- 05.84	110158	12	1.2
	(E15A)						06.84- 05.85	110158	12	1.2
							06.84- 05.85	110315	12	0.9
Galant 2.0 V6 24V	(E54A)[6A12]	11.92- 09.97	111627	14	90					
		AT 11.92- 07.94	111627	14	90					
Galant 2.0 TD	(E57A)[4D68]						11.92-	110809	12	2.0
							11.92- 08.96	111912	12	2.2
Galant 2.0 TDi	(EA6A)[4D68]						09.96- 10.04	113445	12	2.2
	(EA6W)						09.96-	110809	12	2.0
	(EA6A)[4D68T]						09.96- 10.04	113445	12	2.2
Galant 2.3 TD	(A167)[4D55T]	11.81- 05.84	110805	14	45		09.80- 05.84	110809	12	2.0
						A13	09.80- 05.84	111461	12	2.2
							09.80- 05.84	111912	12	2.2
	(A167V)	07.83- 05.84	110805	14	45		07.83- 05.84	110809	12	2.0
						A13	07.83- 05.84	111461	12	2.2
							07.83- 05.84	111912	12	2.2
							06.86- 12.87	110811	12	1.2
Galant 2.4	(E16A)[G64B]	06.86- 12.87	112531	14	60					
Galant 2.4 GDi	(EA3A)[4G64]	AC 02.99-	112327	14	100					
	(EA3W)	AC 02.99-	112327	14	100					
Galant 2.5 V6 24V	(E88A)[6G73]						11.92-	111241	12	1.2
Galloper 2.5 Diesel Intercooler	[D4BH]	02.99-	113519	14	90		08.98-	111565	12	2.2
Galloper 2.5 TD	(JK-01)[D4BF]	02.99-	113519	14	90		02.99-	111565	12	2.2
Galloper 3.0 V6	[G6AT]	08.98-	111314	14	90		02.99-	111565	12	2.2
Grandis 2.0 Di-D	(NA8W)[BSV]	09.05-	113884	14	150		09.05-	114217	12	2.0
	[BWC]	02.07-	113884	14	150		02.07-	114217	12	2.0
L 200 2.0	[4G63]	06.96-	111376	14	75		01.96- 06.01	110315	12	0.9
						AT	01.96- 06.01	110811	12	1.2
L 200 2.4 4WD	[4G64]						01.96-	110811	12	1.2
L 200 2.5 Di-D	[4D56HP]	10.07-	114229	14	120		10.07-	111912	12	2.2
		10.07-	115477	14	90					
L 200 2.5 Di-D 4WD	(KB4T)[4D56HP]	05.06-	114229	14	120		05.06-	111912	12	2.2
		05.06-	115477	14	90					
L 200 2.5 Di-D 4x4	(KB4T)[4D56HP]	04.10-	115477	14	90					
L 200 2.5 Di-D RWD	(KA4T)[4D56HP]	04.10-	115477	14	90					
L 200 2.5 Diesel	(K14T)[4D56]	11.86- 08.96	110805	14	45		11.86- 08.96	110809	12	2.0
		11.86- 08.96	110806	14	65		A13 11.86- 08.96	111461	12	2.2
		01.96-	111594	14	75	VP	06.96-	111912	12	2.2
		01.96-	112128	14	75	VP				
		01.96-	112205	14	90	VP				
		06.96-	112355	14	80					
L 200 2.5 Diesel 4WD	(K24, 34T)[4D56]	12.87- 05.93	110805	14	45		12.87- 05.93	110809	12	2.0
		12.87- 05.93	110806	14	65		A13 12.87- 05.93	111461	12	2.2
L 200 2.5 TD 4WD	[4D56]	11.01-	111594	14	75		11.01-	111912	12	2.2
		11.01-	112128	14	75					
		11.01-	112205	14	90					
	(K6_T)[4D56T]	08.03-	111594	14	75					
		08.03-	112128	14	75					
	(K74T)	01.96-	111594	14	75					
		01.96-	112128	14	75					
		01.96-	112355	14	80					
		11.92- 08.96	110805	14	45		11.92- 08.96	110809	12	2.0
		11.92- 08.96	110806	14	65		A13 11.92- 08.96	111461	12	2.2
	[4D56TD]	01.96-	111594	14	75		06.96-	111912	12	2.2
		01.96-	112128	14	75					
		01.96-	112205	14	90					
		06.96-	112355	14	80					
L 200 2.6 4WD	[G54B]						11.89- 05.95	110811	12	1.2
L 300 1.6	(L)[4G32]						04.83-	110158	12	1.2
	(L030PW)						11.84- 02.87	110158	12	1.2
	(L032P)						05.80- 10.86	110158	12	1.2
	(P02V,P12V)						11.86-	110158	12	1.2
	(R12V,P02V)						11.86-	110158	12	1.2
L 300 1.8 4WD	(L03_P)[4G62]	08.84- 11.86	110318	14	50		08.84- 02.87	110315	12	0.9
L 300 2.0	(P0_W,P1_W,P2_W)[4G63]	07.96-	114461	14	75		07.96- 08.97	110315	12	0.9
							07.96- 08.97	110811	12	1.2
	(P03V,2W,13V)						11.86-	110315	12	0.9
							11.86-	110811	12	1.2
		07.94-	114432	14	100		06.94- 04.00	110315	12	0.9
	(P03V,P13V)[G63B]						11.86-	110315	12	0.9
							11.86-	110811	12	1.2
	(P03W)						11.86-	110315	12	0.9
							11.86-	110811	12	1.2
L 300 2.0 4WD	(L030PW)[4G63]						11.86- 02.87	110811	12	1.2
	(P23V,W)						12.86-	110811	12	1.2
	(P23W)						11.86-	110811	12	1.2
L 300 2.3 Diesel	(I030P)[4D55]	09.83- 10.86	110805	14	45		09.83- 10.86	110809	12	2.0
	(L038P)	04.83- 10.86	110805	14	45		04.83- 10.86	110809	12	2.0
L 300 2.4	(P04V,W,14V)[4G64]						11.90-	110315	12	0.9
							11.90-	110811	12	1.2
L 300 2.4 4WD	(P24V,W)[G64B]	11.86- 05.94	111314	14	90		11.86-	110315	12	0.9
							01.91-	110811	12	1.2
L 300 2.4 8V 4WD	(P24V,W)[4G64]						11.90-	110315	12	0.9
							11.90-	110811	12	1.2
L 300 2.5 Diesel V8	(P05V, W, 15V)[4D56]	11.86- 10.88	110806	14	65		11.86-	110809	12	2.0
		11.88- 05.94	111339	14	65		11.86-	111912	12	2.2
L 300 2.5 Diesel	(P05W, 05U, 15V)[4D56]	06.94- 08.96	111872	14	65					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

MITSUBISHI Continued

	(P05V, P05W, P15V)	11.86- 10.88	110806	14 65	11.86-	110809	12 2.0
		11.88- 05.94	111339	14 65	11.86-	111912	12 2.2
		11.86-	110806	14 65	11.86- 04.94	110809	12 2.0
		11.86-	111240	14 50	11.86- 04.94	111912	12 2.2
		11.86- 04.94	111339	14 65			
	(P15T)[4D56T]	11.94-	112065	14 65	11.94-	111912	12 2.2
L 300 2.5 TD 4WD	(P25V, P25W, P45V)[4D56T]	11.88- 11.91	111339	14 65	11.88-	110809	12 2.0
		11.88-	111594	14 75	11.88-	111912	12 2.2
L 400 2.0	(PA0V)[4G63]	06.96- 03.01	114432	14 100	06.96- 03.01	110811	12 1.2
		06.96- 03.01	114461	14 75			
L 400 2.5 TD 2500	(PA5V)[4D56T]	12.94- 12.95	112065	14 65			
		01.96-	111594	14 75	09.96-	111912	12 2.2
		01.96-	112128	14 75			
		A13 01.96-	112355	14 80			
	(PA5W)	A13 12.94- 12.95	112065	14 65			
		A13 01.96-	111594	14 75	06.96-	111912	12 2.2
		A13 01.96-	112128	14 75			
		A13 01.96-	112355	14 80			
L 400 2.5 TD 2500 4WD	(PA0V)[4D56T]	10.95-	112065	14 65	09.96-	111912	12 2.2
Lancer 1.2	(A171)[4G11]				AT 01.80- 12.81	110157	12 1.0
					01.80- 12.81	110158	12 1.2
	(C15AS)[4G16]				01.84- 10.86	110158	12 1.2
	(C65A)				08.86- 04.88	110158	12 1.2
	(A7_) [4G36]				AT 01.78- 09.79	110157	12 1.0
					01.78- 09.79	110158	12 1.2
Lancer 1.3	(C6_A)[4G13]	04.88- 05.92	110659	14 75			
		04.88- 05.92	112531	14 60	04.88- 05.92	110315	12 0.9
	(C61A)	08.88- 05.92	110659	14 75	08.88- 05.92	110315	12 0.9
		08.88- 05.92	112531	14 60			
	(CB1A)				06.92-	110315	12 0.9
Lancer 1.3 12V	(C61A)[4G13]	01.91- 05.94	110659	14 75	01.91- 05.94	110315	12 0.9
		01.91- 05.94	112531	14 60			
Lancer 1.3 12V GL GLX	[4G13]				12.95- 06.99	113040	12 0.9
Lancer 1.3 16V	(CS_A)[4G13]				09.03-	111971	12 1.2
Lancer 1.4	(A172)[4G12]				AT 09.79- 02.83	110157	12 1.0
					09.79- 02.83	110158	12 1.2
	(A7_) [4G33]				AT 01.78- 09.79	110157	12 1.0
					01.78- 09.79	110158	12 1.2
	(A7_K)				AT 01.78- 09.79	110157	12 1.0
					01.78- 09.79	110158	12 1.2
Lancer 1.5	[4A91]				06.08-	114108	12 0.9
					06.08-	115774	12 1.1
	(C12AS)[4G15]				11.83- 04.88	110158	12 1.2
	(C12V)	09.88- 12.90	110659	14 75	09.88- 12.90	110315	12 0.9
		09.88- 12.90	112531	14 60	09.85- 12.87	110158	12 1.2
	(C6_A, C7_A)	06.88- 05.92	110659	14 75	06.88- 05.92	110158	12 1.2
		06.88- 05.92	112531	14 60	A13 06.88- 05.92	110315	12 0.9
	(C62A)	04.88- 05.92	110659	14 75	AT 04.88- 05.92	110315	12 0.9
		04.88- 05.92	112531	14 60	AT 06.90- 05.92	110958	12 0.9
	(C12AS)[G15B]				06.85- 04.88	110158	12 1.2
	(C12V)				09.85- 08.89	110158	12 1.2
Lancer 1.5 12V	(C12V)[4G15]	09.90- 12.91	110659	14 75	09.90- 12.91	110315	12 0.9
		09.90- 12.91	112531	14 60			
	(C62A)	05.89- 05.92	110659	14 75	AT 05.89- 05.92	110315	12 0.9
		05.89- 05.92	112531	14 60	AT 06.90- 05.92	110958	12 0.9
Lancer 1.5 16V	(CJ2A)[4G15]				AT 12.95- 09.00	113040	12 0.9
Lancer 1.5 BiFuel	(CY/Z_A)[4A91]				02.10-	114108	12 0.9
					02.10-	115774	12 1.1
Lancer 1.5 BiFuel Sportsback	(CX_A)[4A91]				03.10-	114108	12 0.9
					03.10-	115774	12 1.1
Lancer 1.6	(CY/Z_A)[4A92]				05.10-	115774	12 1.1
	(CS_A)[4G18]				09.03-	111971	12 1.2
	(CS_W)				09.03-	111971	12 1.2
	(A174)[4G32GS]				03.79- 02.83	110158	12 1.2
	(A7_)		110318	14 50	01.78- 09.79	110158	12 1.2
					01.78- 09.79	110315	12 0.9
	(C66A)[4G92]	06.92- 05.94	111375	14 75	06.92- 05.94	110315	12 0.9
	(CB/D_A)	02.94- 12.96	111375	14 75	02.94- 12.96	110958	12 0.9
	(CB4A)	06.92-	111375	14 75			
	(CX4A)	01.99- 02.01	114357	14 90			
Lancer 1.6 Sportsback	(CX_A)[4A92]				05.10-	115774	12 1.1
Lancer 1.6 16V	(CJ4A)[4G92]	12.95-	112328	14 85	12.95-	111971	12 1.2
					12.95-	113040	12 0.9
Lancer 1.6 16V 4WD	[4G92]	06.92-	111375	14 75			
Lancer 1.6 16V 4WD GLXI	[4G92]	12.92-	111375	14 75			
Lancer 1.6 16V GLXI	[4G92]	12.92-	111375	14 75			
Lancer 1.8	(CY/Z_A)[4B10]	05.10-	115760	14 120	05.10-	115448	12 1.4
		02.08-	115760	14 120	02.08-	115448	12 1.4
Lancer 1.8 4WD	(C37V)[4G37]				A13 06.90- 05.92	110315	12 0.9
					06.90- 05.92	110158	12 1.2
					01.87- 12.90	110315	12 0.9
	(C77A)				09.89- 06.92	110315	12 0.9
	[G37B]				01.87- 08.89	110315	12 0.9
Lancer 1.8 Sportsback	(CX_A)[4B10]	05.10-	115760	14 120	05.10-	115448	12 1.4
Lancer 1.8 GTi 16V	(C68A)[4G67]	11.89- 05.92	110802	14 75	11.89- 05.92	110811	12 1.2
		11.89- 05.92	110804	14 90			
Lancer 1.8 BiFuel	(CY/Z_A)[4B10]	02.10-	115760	14 120	02.10-	115448	12 1.4
Lancer 1.8 BiFuel Sportsback	(CX_A)[4B10]	02.10-	115760	14 120	02.10-	115448	12 1.4
Lancer 1.8 Flexfuel	(CY/Z_A)[4B10]	03.09-	115760	14 120	03.09-	115448	12 1.4
Lancer 1.8 Flexfuel Flex Sportback	(CX_A)[4B10]	03.09-	115760	14 120	03.09-	115448	12 1.4
Lancer 1.8 Diesel	(C14V)[4D65]				08.86- 06.92	111912	12 2.2
	(C64A)				04.88- 05.92	111461	12 2.2
					04.88- 05.92	111912	12 2.2
Lancer 2.0	(CS_A)[4G63]	12.03-	115348	14 100	12.03-	115359	12 1.2
		12.03-	115975	14 110			
Lancer 2.0 EVO X	(CY/Z_A)[4B11T/C]	06.08-	115760	14 120	06.08-	115448	12 1.4

## STARTERS & ALTERNATORS



Lancer 2.0 Ralliart	(CY/Z_A)[4B11T/C]	10.08-	115760	14	120		10.08-	115448	12	1.4
Lancer 2.0 Sportsback Ralliart	(CX_A)[4B11T/C]	10.08-	115760	14	120					
Lancer 2.0 16V	(CS_W)[4G63]	09.03- 12.07	115348	14	100		09.03- 12.07	115359	12	1.2
		09.03- 12.07	115975	14	110					
Lancer 2.0 Di-D	(CY/Z_A)[BKD]						01.08-	114217	12	2.0
	(CY8A)						06.08-	114217	12	2.0
	(CY/Z_A)[BWC]						01.08-	114217	12	2.0
	(CY8A)						06.08-	114217	12	2.0
Lancer 2.0 Diesel	(CB8A)[4D68]	06.92-	111587	14	75		06.92-	110809	12	2.0
Lancer 2.0 Diesel GLX	(CB_W_CD_W)[4D68]						12.92-	110809	12	2.0
Lancer F 1.2	(A171)[4G11]						AT 03.83- 01.84	110157	12	1.0
							03.83- 01.84	110158	12	1.2
Lancer F 1.4	(A172)[4G12]						AT 03.83- 01.84	110157	12	1.0
							03.83- 01.84	110158	12	1.2
Lancer F 1.4 Turbo	(A17_)[4G12T]						AT 03.83- 01.84	110157	12	1.0
							03.83- 01.84	110158	12	1.2
Outlander 2.0	(CW4W)[4B11]	11.06- 11.12	115760	14	120		11.06-	115448	12	1.4
Outlander 2.0 4WD	(CW_W)[4B11]	11.06- 11.12	115760	14	120		11.06-	115448	12	1.4
	[4G63]	05.03-	115348	14	100					
		05.03-	115975	14	110		05.03-	115359	12	1.2
	[4G63 (DOHC16V)]	05.03- 10.06	115348	14	100					
		05.03- 10.06	115975	14	110		05.03- 10.06	115359	12	1.2
Outlander 2.0 16V	(CU2W)[4G63]	05.03- 10.06	115348	14	100		05.03-	115359	12	1.2
		05.03- 10.06	115975	14	110					
Outlander 2.0 i 16V 4WD	(CU2W)[4G63]	05.03-	115348	14	100		05.03-	115359	12	1.2
		05.03-	115975	14	110					
Outlander 2.0 Turbo 16V 4WD	(CU2W)[4G63]	04.04-	115348	14	100					
		04.04-	115975	14	110					
Outlander 2.0 Di-D	(CW8W)[BSY]						02.07-	114217	12	2.0
Outlander 2.2 Di-D	(CW7W)[4HK]	08.07-	115369	14	150		08.07-	114460	12	1.4
							08.07-	114854	12	2.5
	(CW7W)[4HN]	08.07-	115369	14	150					
Outlander 2.4	[4B12]	11.06- 11.12	115760	14	120		11.06-	115448	12	1.4
Outlander 2.4 4WD	[4G64(SOHC16V)]	05.03-	113782	14	110		05.03-	115359	12	1.2
	[4G69]	05.03-	113782	14	110		05.03-	115359	12	1.2
Outlander 2.4 Mivec	(CW5W)[4B12]	09.07- 11.12	115760	14	120		09.07-	115448	12	1.4
Outlander 2.4 Flexfuel	(CW_W)[4B12]	09.07- 11.12	115760	14	120		09.07-	115448	12	1.4
Pajero 1.8 Pinin	[4G93]	09.01-	112328	14	85		11.01-	111971	12	1.2
		11.01-	112327	14	100					
Pajero 1.8 GDi	(V2_W,V4_W)[4G93]	06.98-	112327	14	100		06.98-	111971	12	1.2
		06.98- 04.00	112328	14	85					
Pajero 1.8 GDi Pinin	(H6_W,H7_W)[4G93]	06.00-	112328	14	85					
		08.99- 06.00	112327	14	100		10.99-	111971	12	1.2
Pajero 2.0 GDi Pinin	(H67W/H77W)[4G94]	10.00-	112327	14	100		10.00-	111971	12	1.2
Pajero 2.3 TD	(L048G)[4D55]	12.82- 04.86	110805	14	45		12.82- 04.86	110809	12	2.0
	(L043G)[4D55T]	12.82- 04.86	110805	14	45		A13 12.82- 04.86	111461	12	2.2
							12.82- 04.86	111912	12	2.2
							04.91-	110315	12	0.9
Pajero 2.4	(V2_W,V4_W)[4G64]									
Pajero 2.5 TD	(L044G)[4D56T]	05.86- 12.90	110806	14	65		11.89- 12.91	111476	12	2.0
		05.86- 12.90	111240	14	50		A13 11.89- 12.91	111565	12	2.2
		05.86- 12.91	111339	14	65		05.86- 11.90	111912	12	2.2
							AT 01.90- 12.91	111461	12	2.2
							05.86- 10.89	110809	12	2.0
	(L049G)	05.86- 06.91	110806	14	65		05.86- 11.90	111912	12	2.2
		05.86- 06.91	111240	14	50					
		05.86- 12.91	111339	14	65		05.86- 06.91	110809	12	2.0
	(V24C,W)[4D56TD]	12.90- 10.93	111238	14	75	VP	12.90-	110809	12	2.0
		12.90- 10.93	111339	14	65		AT 12.90- 04.00	111461	12	2.2
		12.90- 10.93	112129	14	90					
		11.93-	111594	14	75		12.90-	111476	12	2.0
		11.93-	112128	14	75		A13 12.90-	111565	12	2.2
		11.93-	112205	14	90					
Pajero 2.5 TD Classic	(V2_W)[4D56]	07.02-	114187	14	105					
		AC 07.02-	112355	14	80					
Pajero 2.5 TD Sport	(K9_)[4D56T]	08.98- 08.99	112128	14	75					
		08.99-	112355	14	80		08.98-	113445	12	2.2
		AC 07.02-	112355	14	80					
Pajero 2.5 TDi	(V60)[4D56T]	04.00- 06.00	111594	14	75					
		04.00-	112128	14	75					
		09.01-	112355	14	80		09.01-	113445	12	2.2
		09.01-	114187	14	105					
	(V7_W,V60,V6_W,V70)						04.00- 12.06	113445	12	2.2
Pajero 2.6	(L042G)[4G54]	01.83- 06.86	110318	14	50		01.83- 11.90	110315	12	0.9
							05.86- 11.90	110811	12	1.2
	(L047G)	12.82- 06.91	110318	14	50		12.82- 06.91	110315	12	0.9
							A13 12.82- 06.91	110811	12	1.2
Pajero 2.8 TD	(V46W)[4M40-T]	06.94-	111956	14	75					
		06.96-	111626	14	90		06.94-	112370	12	2.2
Pajero 3.0 24V	(V2_W,V4_W)[6G72]	06.94-	111806	14	90		06.94-	111241	12	1.2
Pajero 3.0 V6 24V	(V2_W,V4_W)[6G72]	06.97- 04.00	111806	14	90		06.97- 04.00	111241	12	1.2
		06.97- 04.00	112362	14	100					
Pajero 3.0 V6	(C23C,W,43W)[6G72]	12.90- 05.94	111314	14	90		12.90-	111241	12	1.2
	(L141G)[6G72 (DOHC24V)]						11.88- 11.90	111241	12	1.2
	(C23C,W,43W)[6G72(SOHC12V)]	12.90- 05.94	111314	14	90		12.90-	111241	12	1.2
	(L146G)						11.88- 06.91	111241	12	1.2
Pajero 3.0 V6 Sport	(K9_)[6G72]	08.98-	111806	14	90		08.98-	111241	12	1.2
	(K90)	03.03-	111806	14	90		03.03-	111241	12	1.2
Pajero 3.2 Di-D	(V60)[4M41]	04.00- 10.01	113321	14	125					
		AC 10.01-	113321	14	125		02.00- 10.01	112370	12	2.2
	(V80)	AC 02.07-	115926	14	120					
	(V90,V80)	AC 11.06-	115926	14	120					
	(V8_W,V9_W)	02.07-	115926	14	120		02.07-	112370	12	2.2
Pajero 3.2 Di-D 4x4	(V88,V98)[4M41]	01.09-	115926	14	120					
	(V90,V80,V8_V)	02.07-	115926	14	120		02.07-	112370	12	2.2
Pajero 3.2 TD 4x4	(V90,V80)[4M41]	01.10-	115926	14	120					

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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**MITSUBISHI** Continued

Pajero 3.5 4x4	(V60, V70)[6G74(DOHC24V)]	04.00- 01.07	115927	14	125				
Pajero 3.5 GDI	(V60)[6G74]					04.00-	111241	12	1.2
Pajero 3.5 V6 24V	(V2_W, V4_W)[6G74]	06.97- 07.97-	112362 111806	14	100 90				
	(V25W, V45W)[6G74 (SOHC 24V)]	06.94- 10.99	111806	14	90	06.94- 10.99	111241	12	1.2
		06.94- 10.99	112362	14	100				
	(V25W, V45W)[6G74(DOHC24V)]	11.93-	111806	14	90	11.93-	111241	12	1.2
		06.94-	112362	14	100				
Pajero Sport Van 3.0 V6	(K90)[6G72 (DOHC24V)]	12.99- 01.08	111806	14	90	12.99- 01.08	111241	12	1.2
Santamo 2.0 16V	[4G63]					05.99-	110315	12	0.9
Santamo 2.0 16V 4x4	[4G63]					05.99-	110315	12	0.9
Sapporo 1.6	(A121)[4G32] (A161A)					04.78- 07.80 08.80- 09.84	110158 110158	12	1.2
Sapporo 2.0	(A123)[4G52] (A161A)[4G63]	04.78- 07.80 08.80- 09.84	110318 110318	14	50 50	04.78- 07.80 08.80- 09.84	110158 110158	12	1.2
Sapporo 2.0 Turbo	(A164)[4G63T]					08.82- 08.83	110158	12	1.2
Sapporo 2.4	(E16A)[4G64]	06.87- 08.90 06.87- 08.90	110659 112531	14	75 60	06.87- 08.90	110811	12	1.2
Shogun 2.5 TD	(P25W)[4D56]	06.86- 11.88 11.88- 12.96	110806 111339	14	65 65	01.88- 01.91 01.88-	110809 111461	12	2.0
Sigma 3.0 i 24V	(F16A)[6G72]	12.90- 07.96	111406	14	110	12.90- 07.96	111241	12	1.2
Sigma 3.0 i V6	(F16A)[6G72(SOHC12V)]	12.90-	111406	14	110	12.90- 07.96	111241	12	1.2
Sigma 3.0 V6	(F07W)[6G72(SOHC12V)]					10.93- 07.96	111241	12	1.2
Space Gear 2.0 16V L400	(PA3V/W)[4G63]	12.94- 05.95- 05.00	111376 114461	14	75 75	12.94- 08.96 AT 12.94- 08.96	110315 110811	12	0.9
Space Gear 2.4 i 16V 4WD	(PA4W)[4G64]	05.95- 05.00	114432	14	100	12.94- 08.96	110811	12	1.2
Space Gear 2.5 TD	(PA5W)[4D56TD]					05.95- 05.00	111912	12	2.2
Space Gear 2.5 TD 4WD	(PA5W)[4D56TD]					05.95- 05.00	111912	12	2.2
Space Runner 1.8	(N11W)[4G93]	06.93- 07.93- 05.99	111375 111375	14	75 75	06.91- 05.92 06.91- 05.99	110315 110158	12	0.9
						AT 06.91- 05.99	110958	12	0.9
Space Runner 1.8 4WD	(N21W)[4G93]	06.93- 07.93- 05.99	111375 111375	14	75 75	06.91- 05.92 A13 06.91- 05.92	110315 110158	12	0.9
Space Runner 2.0	(N6_W)[4G63 (SOHC16V)]	05.00- 08.02	112327	14	100	05.00- 08.02	113638	12	1.4
Space Runner 2.0 16V	(N50)[4G63]	05.99- 08.02	112327	14	100				
		05.99- 08.02	112327	14	100	06.97- 08.99	113638	12	1.4
Space Runner 2.0 TD GLX	[4D68T]	10.92-	111587	14	75	05.96- 10.92- 08.99	110809 111912	12	2.0
Space Runner 2.4 GDI	(N64W)[4G64] (N6_W)[4G64 (GDI)]	05.99- 08.02 08.99- 08.02	112327 112327	14	100 100	08.99- 08.99- 08.02	113638 113638	12	1.4
Space Star 1.3 16V	(DG0)[4G13] (DG0)	09.00- 12.98- AC 12.98- AC 06.98- AC 06.98-	112418 112418 112418 112418 112418	14	90 90 90 90 90	09.00- 12.98- 06.98-	111508 111508 111508	12	1.2
Space Star 1.6 16V	(DG0)[4G18]	09.01-	112418	14	90	09.01-	111508	12	1.2
Space Star 1.8 GDI	[4G93]	06.98- 06.98-	112327 112328	14	100 85	06.98-	111971	12	1.2
	(DG0)[4G93 (DOHC)]					AT 10.02- 10.02-	113040 111508	12	0.9
Space Star 1.8 GDI	(DG0)[4G93]	06.98- 06.98-	112327 112328	14	100 85	06.98-	111971	12	1.2
Space Star 1.9 Diesel Di	(DG0)[F9Q1]	02.01-	112471	14	125	02.01-	112474	12	1.8
Space Wagon 1.8	(N31W)[4G93]					05.91- 05.91- 08.91-	110158 110315 111305	12	1.2
Space Wagon 1.8 4WD	[4G37] (N41W)[4G93]	07.87- 05.91	112531	14	60	10.87- 05.91 10.87- 05.91	110315 110811	12	0.9
						05.91- 05.91- 08.91-	110158 110315 111305	12	1.2
Space Wagon 1.8 GLX	(D05V)[4G37]					01.84- 12.88 06.87- 12.88	110315 110811	12	0.9
Space Wagon 1.8 TD	(D09W)[4D65T] (N35W)					06.87- 04.91 05.91- 05.92	110809 110809	12	2.0
						10.91- 10.98	111912	12	2.2
Space Wagon 2.0	(D04W)[4G63] (N33W) (D04W)[G63B]	06.88- 04.91 06.92- 06.86- 05.88 06.87- 05.88	112531 111376	14	60 75	06.88- 04.91 06.88- 04.91	110315 110811	12	0.9
						06.87- 05.88	110811	12	1.2
Space Wagon 2.0 4WD	(D08W)[4G63] (N43W) (D08W)[G63B]	05.88- 06.88- 04.91 06.92-	110659 112531 111376	14	75 60 75	06.87- 04.91 03.85- 04.91	110811 110315	12	1.2
						06.86- 05.88	110315	12	0.9
						06.87- 05.88	110811	12	1.2
Space Wagon 2.0 GDI 16V	[4G63 (SOHC16V)]	04.02- 12.04	112327	14	100				
Space Wagon 2.0 TD	(N38W)[4D68T]	06.93-	111587	14	75	06.92- 10.92- 10.98	110809 111912	12	2.0
Space Wagon 2.4 GDI	(N84W)[4G64]	10.98-	112327	14	100	10.98-	113638	12	1.4
Space Wagon 2.4 GDI 4WD	(N94W)[4G64]	10.98-	112327	14	100	10.98-	113638	12	1.4
Space Wagon 2.4 i	(N3_W, N4_W)[4G64]					10.92- 10.98	110811	12	1.2
Space Wagon 2.4 GDI 16V 4WD	(N94W)[4G64]	07.98-	112327	14	100				
Space Wagon 2.4 GDI	(N84W)[4G64]	07.98-	112327	14	100	09.00-	113638	12	1.4
Starion 2.0 Turbo	(A183E)[4G63T] (A183A)[4G63T/C]					06.82- 12.85 05.85- 05.88	110158 110158	12	1.2
Starion 2.6 Turbo	(A187)[G54BT/C]					12.89- 06.90	110811	12	1.2
Tredia 1.4	(A211)[4G12]					10.82- 08.85	110315	12	0.9
Tredia 1.6	(A212)[4G32]					09.82- 11.87	110479	12	0.9
Tredia 1.6 Turbo	(A212)[4G32T]					09.82- 05.85	110479	12	0.9
Tredia 1.8	(A215)[4G37]					08.84- 11.87	110315	12	0.9
Tredia 1.8 Turbo	(A21_)[G62B]					A13 09.84- 09.85	110315	12	0.9
						09.84- 09.85	110158	12	1.2
Tredia 2.0 GLXi 4WD	(A21_)[4G63 (SOHC8V)]					10.86- 03.88	110315	12	0.9

## STARTERS & ALTERNATORS



PASSENGER CARS US									
3000 GT 3.0	[6G72]	01.93-01.99	111406	14	110	01.93-01.95	111241	12	1.2
		01.91-01.92	111406	14	110	01.91-01.92	111241	12	1.2
3000 GT 3.0 SL	[6G72]	01.93-01.99	111406	14	110	01.93-01.95	111241	12	1.2
		01.91-01.92	111406	14	110	01.91-01.92	111241	12	1.2
3000 GT 3.0 Spyder SL	[6G72]	01.95-01.95	111406	14	110	01.95-01.95	111241	12	1.2
3000 GT 3.0 Turbo Spyder VR-4	[6G72]	01.95-01.95	111406	14	110	01.95-01.96	111241	12	1.2
3000 GT 3.0 Turbo VR4	[6G72I]	01.99-01.99	111406	14	110	01.99-01.99	111241	12	1.2
3000 GT 3.0 Turbo VR-4	[6G72]	01.93-01.98	111406	14	110	01.93-01.98	111241	12	1.2
		01.91-01.92	111406	14	110	01.91-01.92	111241	12	1.2
Cordia 1.8						01.83-01.83	110158	12	1.2
Cordia 1.8 Turbo						01.86-01.88	110158	12	1.2
Cordia 1.8 Turbo L						01.85-01.85	110158	12	1.2
Cordia 1.8 Turbo LS						01.84-01.84	110158	12	1.2
Cordia 2.0						01.86-01.88	110811	12	1.2
						01.84-01.88	110158	12	1.2
Cordia 2.0 L						01.84-01.85	110158	12	1.2
Cordia 2.0 LS						01.84-01.84	110158	12	1.2
Eclipse 1.8						01.93-01.94	110958	12	0.9
						01.90-01.94	110158	12	1.2
Eclipse 1.8 GS						01.93-01.94	110958	12	0.9
						01.90-01.94	110158	12	1.2
Eclipse 2.0	[420A]	01.96-01.97	111530#	14	90				
Eclipse 2.0 GS	[420A]	01.96-01.98	111530#	14	90				
		01.90-01.94	110802	14	75	01.90-01.94	110811	12	1.2
		01.95-01.95	111530#	14	90				
Eclipse 2.0 RS	[420A]	01.96-01.98	111530#	14	90				
		01.95-01.95	111530#	14	90				
Eclipse 2.0 Turbo GS		01.90-01.94	110802	14	75	01.90-01.94	110811	12	1.2
Eclipse 2.0 Turbo GST	[4G63]					01.96-01.97	110811	12	1.2
						01.95-01.95	110811	12	1.2
Eclipse 2.0 Turbo GSX	[4G63]					01.96-01.97	110811	12	1.2
		01.90-01.94	110802	14	75	01.90-01.95	110811	12	1.2
Eclipse 2.0 Turbo Spyder GST	[4G63]					01.96-01.97	110811	12	1.2
Eclipse 2.4	[4G64]					01.00-01.03	113638	12	1.4
Eclipse 2.4 Spyder	[4G64]					01.99-01.99	110811	12	1.2
						01.01-01.03	113638	12	1.4
Eclipse 2.4 SPYDER GS	[4G64]					01.96-01.98	110811	12	1.2
Expo 1.8 LRV		01.94-01.94	111375	14	75				
Expo 2.4	[4G64]	01.93-01.95	111376	14	75	01.93-01.95	110811	12	1.2
		01.92-01.92	110802	14	75	01.92-01.92	110158	12	1.2
		01.92-01.92	111376	14	75	01.92-01.92	110811	12	1.2
Expo 2.4 LRV		01.93-01.94	111376	14	75				
Expo 2.4 LRV Sport		01.93-01.94	111376	14	75				
Expo 2.4 SP	[4G64]	01.93-01.93	111376	14	75				
		01.92-01.92	110802	14	75	01.92-01.92	110158	12	1.2
		01.92-01.92	111376	14	75	01.92-01.92	110811	12	1.2
Galant 2.0		01.89-01.92	110802	14	75	01.89-01.92	110158	12	1.2
		01.91-01.92	110804	14	90	01.89-01.92	110811	12	1.2
Galant 2.0 ES		01.93-01.93	110802	14	75	01.93-01.93	110811	12	1.2
		01.93-01.93	110804	14	90				
Galant 2.0 GS		01.89-01.92	110802	14	75	01.89-01.92	110811	12	1.2
		01.91-01.92	110804	14	90	01.89-01.92	110158	12	1.2
Galant 2.0 GSR		01.91-01.92	110802	14	75	01.91-01.92	110811	12	1.2
		01.91-01.92	110804	14	90	01.91-01.92	110158	12	1.2
Galant 2.0 GSX		01.90-01.92	110802	14	75	01.90-01.92	110158	12	1.2
		01.91-01.92	110804	14	90	01.90-01.92	110811	12	1.2
Galant 2.0 LS		01.89-01.93	110802	14	75	01.89-01.93	110811	12	1.2
		01.91-01.93	110804	14	90	01.89-01.92	110158	12	1.2
Galant 2.0 S		01.93-01.93	110802	14	75	01.93-01.93	110811	12	1.2
		01.93-01.93	110804	14	90				
Galant 2.0 Turbo VR-4		01.91-01.92	110804	14	90	01.91-01.92	110811	12	1.2
Galant 2.4	[4G64]					01.99-01.02	113638	12	1.4
		01.87-01.87	112531	14	60	01.87-01.87	110811	12	1.2
Galant 2.4 DE	[4G64]					01.97-01.98	110811	12	1.2
Galant 2.4 ES	[4G64]	01.94-01.97	111376	14	75	01.94-01.98	110811	12	1.2
Galant 2.4 GS		01.94-01.94	111376	14	75	01.94-01.94	110811	12	1.2
Galant 2.4 LS	[4G64]	01.94-01.97	111376	14	75	01.94-01.98	110811	12	1.2
Galant 2.4 S	[4G64]	01.94-01.96	111376	14	75	01.94-01.96	110811	12	1.2
Galant 3.0						01.00-01.02	113638	12	1.4
Lancer 2.0		01.02-01.03	112328	14	85	01.02-01.03	111971	12	1.2
Lancer 2.0 Turbo Evolution		01.03-01.03	112328	14	85				
Lancer 2.4 Ralliart		01.04-	113782	14	110				
Lancer 2.4 Sportback		01.04-	113782	14	110				
Mighty Max 2.0						01.83-01.86	110158	12	1.2
						01.84-01.86	110315	12	0.9
Mighty Max 2.0 S						01.84-01.84	110315	12	0.9
						01.83-01.84	110158	12	1.2
Mighty Max 2.0 SWB						01.89-	110811	12	1.2
						01.89-	110158	12	1.2
Mighty Max 2.3 Turbo SP						01.83-01.85	111461	12	2.2
						01.83-01.85	110811	12	1.2
						01.83-01.83	110809	12	2.0
Mighty Max 2.3 Turbo SPX						01.84-01.84	110811	12	1.2
						01.84-01.84	111461	12	2.2
Mighty Max 2.4						01.90-01.94	110811	12	1.2
						01.90-01.94	110158	12	1.2
Mighty Max 2.4 LWB						01.92-01.93	110158	12	1.2
						01.92-01.93	110811	12	1.2
Mighty Max 2.4 SWB	[4G64]					01.95-01.96	110158	12	1.2
						01.95-01.96	110811	12	1.2
						01.92-01.92	110158	12	1.2
						01.92-01.92	110811	12	1.2
Mighty Max 2.6						01.88-01.89	110811	12	1.2
Mighty Max 2.6 LWB						01.89-	110811	12	1.2
Mighty Max 2.6 SP		01.83-01.83	110805	14	45	01.83-01.86	110158	12	1.2

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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**MITSUBISHI** *Continued*

Mighty Max 2.6 SPX		01.83- 01.83	110805	14	45	01.87- 01.89	110811	12	1.2
						01.83- 01.86	110158	12	1.2
Mighty Max 2.6 SWB						01.89-	110811	12	1.2
Mighty Max 3.0 SWB						01.92- 01.92	111241	12	1.2
Mirage 1.5	[4G15]	01.91- 01.92	110659	14	75	01.99- 01.02	113038	12	0.7
						01.91- 01.92	110158	12	1.2
						01.91- 01.92	110958	12	0.9
						01.00- 01.02	111971	12	1.2
						01.99- 01.99	113040	12	0.9
		01.89- 01.90	110659	14	75	01.85- 01.85	110315	12	0.9
						01.85- 01.90	110158	12	1.2
Mirage 1.5 DE	[4G15]					01.97- 01.98	113038	12	0.7
						01.97- 01.98	113040	12	0.9
Mirage 1.5 ES	[4G15]	01.93- 01.95	110659	14	75	01.93- 01.95	110158	12	1.2
Mirage 1.5 L						01.85- 01.88	110158	12	1.2
						01.85- 01.85	110315	12	0.9
Mirage 1.5 LS	[4G15]	01.91- 01.93	110659	14	75	01.91- 01.93	110158	12	1.2
						01.91- 01.93	110958	12	0.9
		01.89- 01.90	110659	14	75	01.89- 01.90	110158	12	1.2
Mirage 1.5 RS		01.90- 01.90	110659	14	75	01.90- 01.90	110158	12	1.2
Mirage 1.5 S	[4G15]	01.93- 01.96	110659	14	75	01.93- 01.96	110158	12	1.2
Mirage 1.5 VL	[4G15]	01.91- 01.92	110659	14	75	01.91- 01.92	110958	12	0.9
						01.91- 01.92	110158	12	1.2
		01.90-	110659	14	75	01.90-	110158	12	1.2
Mirage 1.6 GS		01.91- 01.92	110802	14	75	01.91- 01.92	110811	12	1.2
Mirage 1.6 Turbo		01.89- 01.89	110802	14	75	01.89- 01.89	110811	12	1.2
						01.88- 01.88	110158	12	1.2
Mirage 1.6 Turbo L						01.85- 01.85	110158	12	1.2
						01.85- 01.85	110315	12	0.9
Mirage 1.6 Turbo LS						01.86- 01.87	110158	12	1.2
Mirage 1.8	[4G93]	01.99- 01.02	112328	14	85	01.99- 01.02	111971	12	1.2
						01.99- 01.99	113040	12	0.9
Mirage 1.8 ES	[4G93]	01.93- 01.95	111375	14	75				
Mirage 1.8 LS	[4G93]	01.93- 01.96	111375	14	75	01.97- 01.98	113040	12	0.9
		01.98- 01.98	112328	14	85	01.98- 01.98	111971	12	1.2
Montero 2.4 Sport ES	[4G64]					01.97- 01.97	110811	12	1.2
Montero 2.6		01.83- 01.86	110805	14	45	01.83- 01.86	110158	12	1.2
						01.87- 01.89	110811	12	1.2
Montero 2.6 Sport						01.87- 01.88	110811	12	1.2
Montero 3.0						01.89- 01.94	111241	12	1.2
Montero 3.0 LS						01.89- 01.96	111241	12	1.2
Montero 3.0 LS Sport	[6G72]	01.98- 01.98	111806	14	90	01.98- 01.98	111241	12	1.2
Montero 3.0 RS						01.91- 01.93	111241	12	1.2
Montero 3.0 Sport	[6G72]	01.99- 01.03	111806	14	90	01.99- 01.99	111241	12	1.2
						01.89- 01.90	111241	12	1.2
Montero 3.0 Sport LS	[6G72]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
Montero 3.0 Sport XLS	[6G72]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
Montero 3.0 SR						01.92- 01.94	111241	12	1.2
Montero 3.0 XLS Sport	[6G72]	01.98- 01.98	111806	14	90	01.98- 01.98	111241	12	1.2
Montero 3.5	[6G74]	01.98- 01.02	112362	14	100	01.00- 01.02	111241	12	1.2
Montero 3.5 LS	[6G74]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
Montero 3.5 Sport	[6G74]	01.99- 01.03	111806	14	90				
		01.99- 01.99	112362	14	100				
Montero 3.5 SR	[6G74]	01.97- 01.97	111806	14	90	01.97- 01.97	111241	12	1.2
		01.94- 01.96	111806	14	90	01.94- 01.96	111241	12	1.2
Precis 1.5		01.90- 01.93	110659	14	75	01.87- 01.93	110158	12	1.2
Precis 1.5 LS						01.87- 01.89	110158	12	1.2
Precis 1.5 RS		01.90- 01.91	110659	14	75	01.88- 01.91	110158	12	1.2
Sigma 3.0						01.88- 01.90	111241	12	1.2
Starion 2.6 Turbo		01.83- 01.88	110318	14	50	01.83- 01.83	110158	12	1.2
Starion 2.6 Turbo ES		01.84- 01.85	110318	14	50	01.84- 01.84	110158	12	1.2
Starion 2.6 Turbo LE		01.84- 01.85	110318	14	50	01.84- 01.84	110158	12	1.2
Starion 2.6 Turbo LS		01.84- 01.84	110318	14	50	01.84- 01.84	110158	12	1.2
Treda 1.8						01.83- 01.83	110158	12	1.2
Treda 1.8 Turbo						01.86- 01.88	110158	12	1.2
Treda 1.8 Turbo LS						01.84- 01.84	110158	12	1.2
Treda 2.0						01.86- 01.88	110811	12	1.2
						01.84- 01.88	110158	12	1.2
Treda 2.0 L						01.84- 01.85	110158	12	1.2
Treda 2.0 LS						01.84- 01.84	110158	12	1.2
Van 2.4						01.87- 01.90	110811	12	1.2
<b>PASSENGER CARS AO</b>									
Canter 2.4	(FB6_, FE5_, FE6_) [4G64]	08.01-	113506	28	40				
Canter 2.5 Diesel DT	(FB4_, FE4_)	09.92- 09.96	110805	14	45				
	(FB4_, FE4_)	01.93- 09.96	113506	28	40				
Canter 2.8 Diesel	(FB6_, FE5_, FE6_)	10.96- 07.01	113506	28	40				
Canter 3.0	(FB7, FE7, FE8, FB8)					08.05- 11.10	115505	12	2.3 A49
	(FB7, FE7, FE8, FB8)					08.05- 11.10	112441	12	2.3
Canter 3.6 TD	(FB6_, FE5_, FE6_)	08.01-	113506	28	40				
Canter 3.6 TDi	(FB4_, FE4_)	09.93- 09.96	113506	28	40				
Canter 3.9 TDi	(FB4_, FE4_)	09.93- 09.96	113506	28	40				
	(FB6_, FE5_, FE6_)	10.96- 07.01	113506	28	40				
Canter 4.2 TD	(FB6_, FE5_, FE6_)	10.96- 08.04	113506	28	40				
Colt 1.6 4WD	(CA_A)[4G92]					12.91- 05.92	110158	12	1.2
Delica 2.5 Diesel		01.88-	114018	14	65				
Eclipse 1.8	(D2_A)[4G37]					12.89- 03.94	111305	12	1.2
Eclipse 2.0 Turbo	(D3_)					4G63 Kat. 08.90- 03.93	111305	12	1.2
Grandis 2.4 GDi GLX	(N94W)[4G64]					11.97- 07.00	113638	12	1.4
Grandis 2.4 GDi GLX	[4G64]					08.00- 05.03	113638	12	1.4
L 300 2.0	(PO_W, P1_W)	06.94- 08.95	114432	14	100				
L 400 2.0	(PA0V)	09.95- 10.02	114432	14	100				
	(PA0V)	09.95- 10.02	114461	14	75				
L 400 2.4	(PA0V)	06.96- 10.02	114432	14	100				
	(PA0V)	06.96- 10.02	114432	14	100				
Lancer 1.3	(C6A, C7A)[G13B]					06.86- 04.88	110158	12	1.2
Lancer 1.6	(C6_A, C7_A)[4G61]					09.90- 09.92	110315	12	0.9

## STARTERS & ALTERNATORS



Lancer 1.6 GTi	(C6_A)[4G61]	05.88- 05.90	110802	14	75				
Lancer 1.8 SEI Limited	(C6_A, C7_A)	05.88- 05.90	110802	14	75				
Lancer 1.8 i	(CK/P_A)[4G93]	09.03-	114357	14	90				
Lancer 1.8 i	(CK/P_A)[4G93]	03.95- 07.96	114357	14	90				
Lancer 2.0	(CY/Z_A)[4B11]	04.08-	115760	14	120	04.08-	115448	12	1.4
Lancer 2.0 i	(CS_A)[4B11]	10.07-	115760	14	120	10.07-	115448	12	1.4
Lancer 2.0 i Sportback	(CY/Z_A)[4B11]	10.07-	115760	14	120	10.07-	115448	12	1.4
Pajero 2.0 4WD	(L04_G, L14, G)[G63B]					12.82-	110158	12	1.2
Pajero 2.0 Turbo 4WD	(L04_G, L14, G)					11.88-	110811	12	1.2
Pajero 3.2 Di-D 4x4	(V80, V90)[4M41]	02.07-	115926	14	120				
Pajero 3.2 TD 4x4	(V80, V90)	01.12-	115926	14	120				
<b>TRUCKS EU</b>									
3C11 3.0	(FE7, FE8)[4M42-0AT]					08.06-	115330	12	2.2
	(FE7, FE8)[4M42-3AT1]					08.06-	115330	12	2.2
3C13 3.0	(FE7, FE8)[4M42-0AT]	10.01-	111956	14	75	10.01-	115330	12	2.2
3C15 3.0	(FE7, FE8)[4M42-3AT4]					06.06- 11.10	115330	12	2.2
	(FE7, FE8)[4P10-0AT3]					08.05- 11.10	112441	12	2.3
6C18 3.0	(FE7, FE8)[4P10-0AT6]					08.05-	112441	12	2.3
	(FE7, FE8)[4P10-T6]					08.05-	112441	12	2.3
Canter 211	(FE)[4D30A]	11.83- 01.93-	111344 113506	28	25 40	11.83- 01.50- 01.83	110576 113194	24	3.2
									Only Canter FE211
Canter 35 2.5 Diesel	[4D56]	01.90- 09.96 01.93- 09.96	110805 113506	14	45 40	01.86- 09.96	111565	12	2.2
Canter 35 2.8 Diesel	[4M40-2AT]	07.98- 07.99- 10.00	113506 111956	28	40 75	07.98-	112370	12	2.2
	[4M40-A]	08.96- 12.99 07.99- 10.00	113506 111956	28	40 75	01.96-	112370	12	2.2
Canter 35 3.0 TD	[4M42-0AT]	09.01- 11.02-	113506 111956	28	40 75				
Canter 435	(FE)[4D32]	01.93-	113506	28	40				
Canter 444	(FE)[4D31]	11.83- 11.83- 01.93-	111344 112210 113506	28	25 30 40	01.87-	110576	24	3.2
Canter 55 3.0 Diesel	[4M42-0AT]	11.00- 09.01-	111956 113506	14	75 40	09.01-	112370	12	2.2
Canter 60 3.3 TD	[4D31T]	01.92- 01.93-	112210 113506	28	30 40	01.92- 01.96	113195	24	3.2
Canter 60 3.9	[4D34-2AT6]		113506	28	40				
Canter 60 3.9 TD	[4D34-2AT4]		113506	28	40	08.96- 01.95-	113195 110576	24	3.2
Canter 75 3.9	[4D34-2AT6]		113506	28	40				
Canter 75 3.9 TD	[4D34-2AT4]		113506	28	40	10.97-	113195	24	3.2
Canter 75 4.9 TD	[6D31-1AT2]	01.93- 12.97	113506	28	40				
Fuso 3.9	(FE7, FE8)[4D34]					05.99-	114418	12	3.6
Fuso 4.2	(FE7, FE8)[4D33]					05.99-	114418	12	3.6
Fuso 6.9	[6D15]					01.86- 01.91	113129	24	4.5
Fuso 305							114343	24	6.0
Fuso 310							114343	24	6.0
Fuso 320							114343	24	6.0
Fuso 355							114343	24	6.0
Fuso 8DC9							114343	24	6.0
Fuso Canter FE 3.9 Diesel						01.99-	114418	12	3.6
Fuso Canter FG 3.9 Diesel	[4D34-2AT]					01.99- 01.04	114418	12	3.6
Fuso FE Series 3.3	(201)[4D31-1AT]	01.95-	114424	14	80				
Fuso FE Series 3.9	(238)[4D34-1AT]		114424	14	80				
Fuso FE Series 3.9 Diesel 238	[4D34-2,3AT]					01.99-	114418	12	3.6
Fuso FE Series 5.9	(358)[6D34-0AT]	01.96-	114424	14	80				
Fuso FG Series 3.9 Diesel 238						01.99-	114418	12	3.6
Fuso MJ218	[6D17]	01.93-	114425	28	50				
Fuso MK219	[6D17]	01.93-	114425	28	50				
Fuso MK23H	[6M61]	01.93-	114425	28	50				
Fuso MK25H	[6M61]	01.93-	114425	28	50				
Fuso MK619	[6D17]	01.93-	114425	28	50				
Fuso MM319	[6D17]	01.93-	114425	28	50				
Fuso MM33H	[6M61]	01.93-	114425	28	50				
Fuso V8							114343	24	6.0
Various models	(FE)[4DR5]						114334	12	2.0
<b>TRUCKS AO</b>									
FB308							113141	12	0.8
Various models	[4DR7]						113141	12	0.8
<b>AGRICULTURE</b>									
Various models Tractors			111832	14	40		110210	24	6.6
<b>FORK LIFTS</b>									
C45L K2B K2C 0.7							114856	12	1.1
FD10			113212	28	20				
FD15			113212	28	20				
FD20		01.83-	113212	28	20				
						01.83- 01.91	111275	12	2.0
						01.83-	111913	24	3.2
FD23						01.83- 01.91	111275	12	2.0
FD25		01.83- 01.91	113212	28	20		112323	24	5.0
						01.83- 01.91	111275	12	2.0
FD28						01.83- 01.91	111275	12	2.0
FD30		01.83-	113212	28	20		112323	24	5.0
						01.83- 01.91	111275	12	2.0
FD35			113212	28	20		112323	24	5.0
FD35D Mitsubishi	[S6E/S6S]		114457	28	35		114169	24	5.0
FD35D2 Mitsubishi	[S6E/S6S]		114457	28	35		114169	24	5.0
FD35DS Mitsubishi	[S6E/S6S]						114169	24	5.0
FD38 Mitsubishi	[S6E/S6S]						114169	24	5.0
FD40D Mitsubishi	[S6E/S6S]		114457	28	35		114169	24	5.0
FD45D Mitsubishi	[S6E/S6S]		114457	28	35		114169	24	5.0
FD50C Mitsubishi	[S6E/S6S]		114457	28	35		114169	24	5.0
FD50D Mitsubishi	[S6E/S6S]		114457	28	35		114169	24	5.0
FDC20			113212	28	20				
FDC25			113212	28	20				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**MITSUBISHI** Continued

FG10					01.77- 01.79	110292	12	1.1
					01.90-	110572	12	1.2
FG18 1.4					01.90-	110572	12	1.2
FG20		01.80- 12.87	110138	14 40	01.90- 01.93	111108	12	1.2
		01.80- 12.87	111042	14 35	01.90-	111272	12	2.2
		01.80- 12.87	111495	14 40	01.86- 12.87	110572	12	1.2
		01.80- 12.87	110448	28 20	01.80- 12.87	110292	12	1.1
		01.80- 12.87	110802	14 75	01.80- 12.87	113668	12	1.2
FG25		01.80- 12.87	111495	14 40	01.80- 12.87	110292	12	1.1
		01.80- 12.87	110448	28 20	01.86- 12.87	110572	12	1.2
		01.80- 12.87	111042	14 35	01.80- 12.87	110182	12	0.9
		01.80- 12.87	110802	14 75	01.80- 12.87	113668	12	1.2
		01.80- 12.87	110318	14 50				
FG30 2.4		01.80- 12.87	111495	14 40	01.86- 12.87	110572	12	1.2
		01.80- 12.87	110448	28 20	01.80- 12.87	110292	12	1.1
		01.80- 12.87	111042	14 35				
		01.80- 12.87	110802	14 75				
		01.80- 12.87	110318	14 50				
Various models 4.3	[GM Vortec]					115985	12	1.6
Various models		01.83-	113212	28 20		112323	24	5.0
		01.83-	110448	28 20	01.88- 01.01	112178	12	1.6
						110182	12	0.9
						113195	24	3.2
						111272	12	2.2
						112185	12	1.2
						111108	12	1.2
						113668	12	1.2
<b>MARINE</b>								
Various models			111832	14 40		114393	24	7.5
			114079	14 40		110947	12	2.0
<b>MOTORS</b>								
Engine	[6D22.]				01.87-	112342	24	5.5
					01.87- 01.99	113746	24	5.5
Various models			111832	14 40				
Various models						113141	12	0.8
<b>MISCELLANEOUS</b>								
Mini Loader						110947	12	2.0
<b>Morris</b>								
<b>PASSENGER CARS EU</b>								
Ital 1.3		07.80- 03.84	110178	14 36	07.80- 03.84	111103	12	0.8
Ital 1.7		07.80- 03.84	110178	14 36				
Ital 2.0		07.80- 03.84	111289	14 70				
Marina 1.3		04.70- 10.80	110178	14 36	04.70- 10.80	111103	12	0.8
Marina 1.3 1300		10.75- 10.80	110178	14 36	10.75- 10.80	111103	12	0.8
Marina 1.7		11.78- 06.80	110178	14 36				
Marina 1.8		04.71- 12.79	110178	14 36				
Marina 1.8 1800		04.71- 10.75	110178	14 36				
		03.75- 10.78	111185	14 43 A47				
Marina 1.8 1800 GT		03.75- 10.78	111185	14 43 A47				
Marina 1.8 TC		04.71- 12.75	110178	14 36				
<b>Mosa</b>								
<b>INDUSTRY</b>								
Various models					01.86-	112034	12	1.7
					04.92-	112497	12	1.4
					07.92-	112172	12	1.6
<b>Moto Guzzi</b>								
<b>MOTOR BIKES</b>								
Various models						113974	12	1.1
<b>Multicar</b>								
<b>PASSENGER CARS EU</b>								
Various models					M26, Iveco Engine	111693	12	2.5
<b>TRUCKS EU</b>								
M26 2.8 EcoLine ProfiLine	[8140.43R]	01.03-	112407	14 90	01.03-	115505	12	2.3 A49
					01.03-	112441	12	2.3
M26 2.8 TransLine	[8140.43R]	01.03-	112407	14 90	01.03-	115505	12	2.3 A49
					01.03-	112441	12	2.3
<b>Mustang</b>								
<b>INDUSTRY</b>								
980						113924	12	1.4
2066	[4TNV98T]					114874	12	3.0
2076	[4TNV98T]					114874	12	3.0
2086	[4TNV98T]					114874	12	3.0
930A						113924	12	1.4
MTL20 Skid Steer Loader	[4JG1]		115432	14 50				
V2700	[4TNV98T]					114874	12	3.0
<b>Neoplan</b>								
<b>TRUCKS EU</b>								
N 2216 10.5	[D2066LOH04]	06.06-	114528*	28 120				
		06.06-	115496	28 120 A49				
N 2216 SHD 12.0	[D2866LOH34]	11.03-	111842	28 140	11.03-	110206	24	5.4
		11.03-	113289	28 90	11.03-	110210	24	6.6
N 2216 SHD 12.8	[D2876LOH03]	01.03-	111842	28 140	11.03-	110210	24	6.6
		11.03-	113289	28 90	11.03-	110206	24	5.4
N 2216 SHDL 12.0	[D2866LOH34]	11.03-	111842	28 140	11.03-	110206	24	5.4
		11.03-	113289	28 90	11.03-	110210	24	6.6
N 2216 SHDL 12.8	[D2876LOH03]	11.03-	111842	28 140	11.03-	110206	24	5.4
		11.03-	113289	28 90	11.03-	110210	24	6.6
<b>New Holland</b>								
<b>AGRICULTURE</b>								
120 7.5		01.02- 12.07	114896	14 120				
130 7.5		01.02- 12.07	114896	14 120				
140 7.5		12.02-	114896	14 120				
165 7.5					10.01- 12.07	114447	12	3.0
175 7.5		01.03-	114896	14 120				
190 7.5		01.04-	114896	14 120				
840		02.01-	113898	14 185				



1020			115342	14	40				
1320	[3-77]	01.87- 01.98	113562	14	40	01.87- 01.98	112177	12	1.7
1520	[3-81]	01.87- 01.97	113562	14	40	01.87- 01.97	112177	12	1.7
1530	[3-81]	01.96- 01.98	113562	14	40	01.96- 01.98	112177	12	1.7
1620	[3-81]	01.91- 01.97	113562	14	40	01.76- 01.79	112177	12	1.7
1630	[3-81]	01.96- 01.98	113562	14	40	01.97- 01.99	112177	12	1.7
1715	[3-81]	01.87- 01.97	113562	14	40	01.93- 01.97	112177	12	1.7
1720	[3-81]	01.87- 01.02	113562	14	40	01.87- 01.02	112177	12	1.7
1725	[3-81]	01.96- 01.98	113562	14	40	01.96- 01.98	112177	12	1.7
1920	[4-122]	01.87- 01.02	113562	14	40				
1925	[3-91]	01.96- 01.98	113562	14	40				
2100	[Caterpillar 3406]					01.85- 01.85- 01.90	110462 112089	12	2.8
2110 4-138	[Shibaura Diesel]						110462	12	2.8
2115	[Caterpillar 3406]					01.87- 01.87- 01.96	110462 112089	12	2.8
2120	[4-138]	01.87- 01.02	113562	14	40	01.87- 01.87- 01.96	110462 112089	12	2.8
3415	[4-135]	01.93- 01.02	113562	14	40	01.93- 01.93-	116137* 110462	12	2.8 A49
4635	[Ford]	09.95- 12.98	111739	14	55				
		Ford 09.95- 12.98	111363	14	45	09.95- 12.98	110462	12	2.8
4835	[Ford]					09.95- 12.98	110462	12	2.8
5635	[Ford]					09.95- 12.98	110462	12	2.8
5640 4.4		11.91- 01.98	112718	14	100				
						11.91- 01.98	110462	12	2.8
6635	[Ford]	09.95- 12.98	111355	14	65				
6640 5.0		11.91- 01.98	112718	14	100				
						11.91- 01.98	110462	12	2.8
7635	[Ford]	09.95- 12.98	111355	14	65				
						09.95- 12.98	110462	12	2.8
7740 5.0		11.91- 01.98	112718	14	100				
						11.91- 01.98	110462	12	2.8
7840 6.6		11.91- 12.98	112718	14	100				
						11.91- 12.98	110462	12	2.8
8080	[M10Y]					01.79- 01.85	110539	12	3.6
8160		09.95-	113529	14	120	09.95-	113968	12	3.6
8240 7.5		11.91- 12.96	112718	14	100				
						11.91- 12.96	110462	12	2.8
8260		09.95-	113529	14	120	09.95-	113968	12	3.6
8340 7.5		11.91- 07.98	112718	14	100				
						11.91- 07.98	110462	12	2.8
8360		09.95-	113529	14	120	09.95-	113968	12	3.6
8430 5.9	[8065.25..]					04.94-	110522	12	3.0
8560		09.95-	113529	14	120	09.95-	113968	12	3.6
8630 8.1	[8365.25..]					04.94-	110522	12	3.0
8830 8.1	[8365.25..]					04.94-	110522	12	3.0
9030		01.90- 01.97	111713	14	105				
9282		01.96- 12.97	112996	14	115				
9482		01.96- 12.97	112996	14	115				
9682		01.96- 12.97	112996	14	115				
9882		01.96- 12.97	112996	14	115				
170 190 210 240	[Ford]		115530	14	130				
8000 Series	[Ford]	01.85- 09.95- 12.01 09.95-	113574 112718 113529	14	65 100 120				
M SERIES			110178	14	36	09.95-	112074	12	3.1
		09.95-	113529	14	120				
		09.95-	112718	14	100				
NH 95	[M8Y]					01.96-	112074	12	3.1
T1010			115342	14	40				
T1030			115342	14	40				
T1110			115342	14	40				
T7.170 6.7		08.10-	114228	14	150				
T7.200 6.7		08.10-	114228	14	150				
T7.210 6.7		08.10-	114228	14	150				
T7.220 6.7		08.10-	114228	14	150				
T7.250 6.7		08.10-	114228	14	150				
T7.260 6.7		08.10-	114228	14	150				
T7.270 6.7		08.10-	114228	14	150				
TC Various models			113562	14	40		112177	12	1.7
			114759	14	55				
TG210 8.3			112773	14	135				
			113999	14	150 IS				
TG230 8.3			112773	14	135				
			113999	14	150 IS				
TG255 8.3			112773	14	135				
			113999	14	150 IS				
TG285 8.3			112773	14	135				
			113999	14	150 IS				
TJ275 8.3			112773	14	135				
			113999	14	150 IS				
TJ325 8.9			112773	14	135				
			113999	14	150 IS				
TJ375 15.0			113999	14	150 IS				
			112773	14	135				
TJ425 15.0			113999	14	150 IS				
			112773	14	135				
TJ450 15.0			113999	14	150 IS				
			112773	14	135				
TJ500 15.0			113999	14	150 IS				
			112773	14	135				
TL Series		10.98- 10.98-	114384 114669	14	85 65	09.97-	113182	12	3.0
TM SERIES		11.99-	113529	14	120				
TS 115		07.03-	112718	14	100				
TV 140		01.98-	112718	14	100				

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





**NEW HOLLAND** *Continued*

TX34									113125	12
Various models 6.7 CSX7040 CSX7050 CSX7070		09.08-	115608	14	120					
Various models			114450	14	120				114399	12 2.7
			113621	14	115				115802	24 3.2
									115391	12 4.0
									116010*	
									114021	12 3.0
									114196	24 4.0
									114050	12 4.2
<b>INDUSTRY</b>										
E135B									115802	24 3.2
E18 Excavator									114696	12 1.2
E27B Excavator	[3TNV82A]						01.05-		114281	12 1.7
E30B Excavator							01.05-		114281	12 1.7
E35B Excavator	[3TNV88]						01.08-		114281	12 1.7
E70B									115802	24 3.2
E80B									115802	24 3.2
EC130	[4BT3.9]	01.00- 01.01	111647#	28	60					
		01.00- 01.01	112160	28	75					
EC160	[4BT3.9]	01.00- 01.01	111647#	28	60					
		01.00- 01.01	112160	28	75					
EC215	[6BTA5.9]	01.00-	111647#	28	60					
		01.00-	112160	28	75					
G4010	[Kohler]								113854	12
G4020	[Kohler]								113854	12
L140 1.5	[N843]		113562	14	40					
L150 1.5	[N843]		113562	14	40					
L160 2.0	[N844]		113562	14	40					
L170 5.0	[N844]		113562	14	40					
L250	[Onan]						01.84- 01.99		113141	12 0.8
	[Onan B43G]						01.84- 01.99		113015	12
L464	[Ford VSG]						01.94- 01.97		113696	12 2.0
L465	[Ford VSG]						01.94- 01.97		113696	12 2.0
L465	[Ford Engine]	01.94- 01.99	113562	14	40					
L565	[N844]	01.94- 01.99	113562	14	40					
L60 2.9	[Fiat]						09.95- 12.98		113182	12 3.0
L65 3.6	[Fiat]	09.95- 12.98	114669	14	65		09.95- 12.98		113182	12 3.0
L75 3.9	[Fiat]	09.95- 12.98	114669	14	65		09.95- 12.98		113182	12 3.0
L85 3.9	[Fiat]	09.95- 12.98	114669	14	65		09.84- 12.94		112268	12 2.8
							09.95- 12.98		113182	12 3.0
L95 3.9	[Fiat]	09.95- 12.98	114669	14	65		09.95- 12.98		113182	12 3.0
LS140	[N843]		113562	14	40					
LS150	[N843]		113562	14	40					
LS160	[N844]		113562	14	40					
LS170	[N844]		113562	14	40					
LX465	[N843]	01.94- 01.99	113562	14	40					
LX485	[N843]	01.94- 01.99	113562	14	40					
LX565	[N844]	01.94- 01.99	113562	14	40		01.94- 01.97		113696	12 2.0
LX665	[N844]	01.94- 01.99	113562	14	40		01.94- 01.97		113696	12 2.0
Various models			114759	14	55				114021	12 3.0
			113497	28	35		01.05-		114224	12 2.7
									114196	24 4.0
									114281	12 1.7
									116010*	
Zero Turn Mower	[Kohler]								114075	12
<b>Nissan</b>										
<b>PASSENGER CARS EU</b>										
100NX 1.6	(B13)[GA16DE]	10.92-	110631	14	70		10.92-		111312	12 0.8
							AT 10.92-		111459	12 1.2
	(B13)[GA16DS]	10.90- 10.92	110631	14	70		10.90- 10.92		111312	12 0.8
							AT 10.90-		111459	12 1.2
100NX 2.0 GTi	(B13)[SR20DE]	10.90- 10.95	111264	14	80		10.90- 10.95		111608	12 1.4
200SX 2.0 i Turbo 16V	(S14)[SR20DET]						04.94- 12.99		111549	12 1.4
280ZX 2.8	(HGS130)[L28E]	10.78- 06.83	110458	14	60					
	(HGS133)	02.80- 09.82	110458	14	60					
300ZX 3.0	(Z31)[VG30E]	01.84- 12.87	112970	14	70					
300ZX 3.0 Turbo	(Z31)[VG30ET]	05.87- 10.90	112970	14	70					
Almera 1.4	(N15)[GA14DE]	07.95-	111704	14	70		07.95-		111312	12 0.8
							01.99-		113139	12 1.2
Almera 1.5	(N16)[QG15DE]	07.00-	113317	14	80		07.00- 03.03		113267	12 0.7
		03.00-	113317	14	80		03.00- 03.03		113267	12 0.7
Almera 1.5 DCi	(N16)[K9K722]	01.03- 11.06	113940	14	110 A49, A47		01.03-		113927	12 1.1
		01.03- 11.06	113940	14	110 A49, A47		01.03-		113927	12 1.1
Almera 1.6	(N15)[GA16DE]	07.95-	111704	14	70		07.95-		111312	12 0.8
							01.99-		113139	12 1.2
Almera 1.6 SLX	(N15)[GA16DE]	07.95-	111704	14	70		07.95-		111312	12 0.8
							01.99-		113139	12 1.2
Almera 1.8	(N16)[QG18DE]	03.01-	113317	14	80		01.00- 03.03		113267	12 0.7
		02.99-	113317	14	80		03.00- 03.03		113267	12 0.7
Almera 2.0 GTi	(N15)[SR20DE]	07.96-	111726	14	80					
		01.99- 03.00	113439#	14	90					
Almera 2.0 Diesel	(N15)[CD20]	07.95- 04.96	111294	14	70		07.95-		110575	12 2.0
		11.95- 07.00	113788	14	80					
Almera 2.2 DCi	(N16)[YD22DDT]	09.03-	113440	14	100		02.03-		113323	12 1.7
							02.03-		113319	12 2.2
	(N16E)	09.03-	113440	14	100		02.03-		113323	12 1.7
							02.03-		113319	12 2.2
Almera 2.2 Diesel Di	(N16)[YD22DDT]	07.00-	113324	14	90		07.00-		113319	12 2.2
		07.00-	113440	14	100					
	(N16E)	03.00-	113440	14	100		03.00-		113319	12 2.2
Almera Tino 1.8	(V10)[QG18DE]						05.00-		111459	12 1.2
							05.00- 03.04		113267	12 0.7
Almera Tino 1.8 i	(V10M)[QG18DE]	08.00-	113317	14	80		04.00- 03.01		113267	12 0.7
Almera Tino 2.0 i	(V10M)[SR20DE]	05.00-	113439#	14	90					
Almera Tino 2.2 DCi	(V10)[YD22DDT]	09.03-	113440	14	100		6SP 07.04-		113323	12 1.7

## STARTERS & ALTERNATORS



Almera Tino 2.2 Diesel Di	(V10)[YD2DDT]	08.00-	113440	14	100	08.00-	113319	12	2.2
Altima 2.5	[QR25DE]					08.01- 09.06	114329	12	1.6
Bluebird 1.6	[CA16S]	03.86- 06.91	110968	14	70				
	(910)[L16]	03.86- 06.91	111355	14	65 ▲				
Bluebird 1.8	[L18]					01.80- 11.83	110144	12	1.0
	(910)[L18S]	01.80- 05.84	110168	14	50	01.79- 11.79	110144	12	1.0
		01.80- 05.84	110307	14	60	01.80- 05.84	110144	12	1.0
		01.80- 12.83	110458	14	60				
	(W910)	01.80- 05.84	110168	14	50	01.80- 05.84	110144	12	1.0
		01.80- 05.84	110307	14	60				
		01.80- 05.84	110458	14	60				
Bluebird 2.0 i	(910)[Z20E]	01.82- 05.84	110168	14	50				
		01.82- 05.84	110307	14	60				
		01.82- 05.84	110458	14	60				
Cabstar 2.5 Diesel	(F23, H41, H42)[TD25]	01.92- 12.00	110701	14	50	01.92- 12.00	110574	12	2.0
Cherry 1.0	(E10)[A10]					09.70- 09.78	110279	12	0.8
	(N10)					08.78- 07.81	110279	12	0.8
	(N10)[A10S]	08.78- 07.81	110307	14	60				
		03.79- 07.81	110128	14	35				
Cherry 1.2	(N12)[E10]	05.82- 05.86	110168	14	50	05.82- 05.86	110279	12	0.8
		05.82- 05.86	110264	14	40				
	(N10)[A12]	01.70- 07.81	110128	14	35				
	(VN10)	10.78- 05.82	110128	14	35	07.81- 05.82	110279	12	0.8
Cherry 1.3	(N10)[E13]	08.81- 09.82	110307	14	60				
		09.81- 08.86	110168	14	50	09.81- 09.82	110279	12	0.8
	(N12)	05.82- 10.86	110168	14	50	05.82- 10.86	110279	12	0.8
		05.82- 10.86	110264	14	40				
Cherry 1.4	(N10)[A14S]	08.80- 07.81	110307	14	60				
		08.81- 03.82	110168	14	50				
	(VN10)	07.81- 04.82	110168	14	50				
		07.81- 04.82	110168	14	50				
Cherry 1.4 i.e.	(N10)[A14S]	08.80- 07.81	110307	14	60				
		07.81- 04.82	110168	14	50				
Cherry 1.5	(N10)[E15]	01.79- 12.82	110168	14	50	01.79- 12.82	110279	12	0.8
	(N12)[E15S]	11.83- 10.86	110168	14	50	11.83- 10.86	110279	12	0.8
		11.83- 10.86	110264	14	40				
Cherry 1.5 Turbo	(N12)[E15ET]	01.83- 12.85	110307	14	60				
		01.83- 12.85	110458	14	60				
		03.10-	114354	14	150				
Cube 1.5 DCi	(Z12)[K9K]	03.10-				03.10-	113897	12	1.4
Cube 1.6 16V	(Z12)[HR16DE]					03.10-	115361	12	1.0
Datsun 140 J 1.4	[A14]					01.73- 05.77	110144	12	1.0
Datsun 160 J 1.6	[L16S]					01.73- 12.79	110144	12	1.0
	[L16T]					01.78- 02.82	110144	12	1.0
Datsun 160 J 1.6 i.e.	[L16]					01.78- 02.82	110144	12	1.0
Interstar 1.9 DCi	[F9Q772]	07.02-	113248	14	120				
		AC 07.02-	112471	14	125	07.02-	112474	12	1.8
Interstar 2.2 DCi	[G9T722]	07.02-	112471	14	125	07.02-	112475	12	2.1
		07.02-	113245	14	125				
		07.02-	113248	14	120				
		07.02-	113837	14	150				
Interstar 2.5 DCi	(X70)[G9U632]	09.06-	113837	14	150				
		09.06-	114700	14	150				
	(X70)[G9U650]	07.02-	113245	14	125	07.02-	112475	12	2.1
		07.02-	113837	14	150				
		09.06-	114700	14	150				
	(X70)[G9U720]	11.03-	113248	14	120	11.03-	112475	12	2.1
Interstar 2.5 DCi 100	[G9U720]	11.03-	112471	14	125	11.03-	112475	12	2.1
		11.03-	113245	14	125				
		11.03-	113248	14	120				
		11.03-	113837	14	150				
Interstar 2.5 DCi 120	[G9U650]	08.06-	113837	14	150				
		08.06-	114700	14	150				
Interstar 2.5 DCi 150	[G9U632]	08.06-	113837	14	150				
		08.06-	114700	14	150				
Interstar 3.0 DCi 140	[ZD30]	11.03-	113993	14	135	11.03-	114032	12	2.5
		11.03-	115317	14	120				
Juke 1.5 DCi	[K9K ...]	06.10-	114354	14	150	06.10-	113897	12	1.4
Juke 1.6	[HR16DE]					06.10-	115361	12	1.0
Juke 1.6 DIG-T	[MR16DDT]					11.12-	115341	12	1.0
Juke 1.6 DIG-T 4x4	[MR16DDT]					11.12-	115341	12	1.0
King Cab 1.6	(FG21)[Z16]	01.89-	110168	14	50				
King Cab 2.0	(D21)[Z20]	09.85- 02.98	110168	14	50				
		09.85- 02.98	110307	14	60				
	(FG21)	01.89-	110168	14	50				
King Cab 2.2 Diesel	(720)[SD22]	12.81- 08.85	110694	14	40				
King Cab 2.3 Diesel	(720)[SD23]	01.83- 05.85	110694	14	40	01.83- 05.85	110386	12	1.9
	(D21)	06.85- 08.87	110707	14	60	06.85- 08.87	110719	12	2.0
King Cab 2.4 Diesel	(D21)[Z24]	06.85- 08.87	116106*	14	70				
		09.85- 04.92	110168	14	50				
		09.85- 04.92	110307	14	60				
King Cab 2.4 i 12V	(D21)[KA24E]					04.92-	111485	12	1.2
King Cab 2.4 i 12V 4WD	(D21)[KA24E]					04.92-	111485	12	1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**NISSAN** Continued

King Cab 2.4 i 4WD	(D21)[Z24i]	03.86- 04.92	110307	14 60			
		04.92-	111980	14 70			
King Cab 2.7 TD 4WD	(D21)[TD27]	08.87-	110700	14 50	08.87- 02.98	110574	12 2.0
		08.87- 02.98	113383	14 60			
King Van 2.0	(E24)[Z20]	11.86- 01.95	110264	14 40			
		02.87- 03.89	110307	14 60			
		12.88- 10.93	110168	14 50	11.86- 10.88	110277	12 0.8
King Van 2.3 Diesel	(E24)[TD23]	11.86- 03.89	110701	14 50			
		02.87- 12.88	112093	14 70			
King Van 2.5 TD	(E24)[TD25]	12.88- 07.94	110701	14 50	12.88- 07.94	111805	12 2.5
		12.88- 07.94	112093	14 70			
King Vanette 1.5	(GC22)[A15S]	09.86- 07.95	110168	14 50	09.86- 07.95	110142	12 1.0
King Vanette 2.0	(GC22)[Z20S]	09.86-	110168	14 50	03.88- 05.90	110277	12 0.8
		09.86-	110307	14 60			
Kubistar 1.1 X76	(FC0F, FC1A)[D7F764]	08.03-	113403	14 75	08.03-	111641	12 0.7
Kubistar 1.1 16V X76	[D4F712]	04.06-	113403	14 75	04.06-	114095	12 0.85
		04.06-	115549	14 95			
Kubistar 1.4	(X76)[K7J700]	08.03- 10.09	112199	14 75	08.03- 10.09	115442	12 0.8
Kubistar 1.5 DCi X76	(FC08)[K9K276] (FC07)[K9K700]  (FC08)[K9K702]  (FC07)[K9K704]  (FC07)[K9K710]  (FC08)  (FC09)  (FC07)[K9K714]  (FC09)  (FC07)[K9K716]  (FC08)[K9K718]  (FC08)[K9K722]	04.06-	113862	14 125	04.06-	113897	12 1.4
		08.03-	113862	14 125	08.03-	113897	12 1.4
		08.03-	114673	14 120	08.03-	113927	12 1.1
		08.03-	113248	14 120			
		08.03-	113862	14 125	08.03-	113897	12 1.4
		08.03-	114673	14 120	08.03-	113927	12 1.1
		08.03-	113862	14 125	08.03-	113897	12 1.4
		08.03-	114673	14 120	08.03-	113927	12 1.1
		08.05-	113862	14 125	08.05-	113897	12 1.4
		08.05-	114673	14 120	08.05-	113927	12 1.1
		08.03-	113248	14 120	08.03-	113927	12 1.1
		08.03-	113862	14 125	08.03-	113897	12 1.4
		08.03-	114673	14 120			
		08.03-	114673	14 120	08.03-	113927	12 1.1
		08.05-	112457	14 110			
		08.05-	113862	14 125			
		08.03-	113862	14 125	08.03-	113897	12 1.4
		08.03-	114673	14 120	08.03-	113927	12 1.1
		04.06-	112457	14 110			
		08.03-	114673	14 120	08.03-	113927	12 1.1
08.05-	112457	14 110					
08.05-	113862	14 125	08.03-	113927	12 1.1		
08.03-	113862	14 125	08.03-	113897	12 1.4		
08.03-	114673	14 120	08.03-	113927	12 1.1		
08.03-	113248	14 120					
08.03-	113862	14 125	08.03-	113897	12 1.4		
08.03-	114673	14 120	08.03-	113927	12 1.1		
08.03-	113248	14 120					
08.03-	113862	14 125	08.03-	113897	12 1.4		
08.03-	114673	14 120	08.03-	113927	12 1.1		
08.03-	113248	14 120					
08.03-	113862	14 125	08.03-	113897	12 1.4		
08.03-	114673	14 120	08.03-	113927	12 1.1		
Kubistar 1.6 16V X76	[K4M752]	08.03-	112144	14 98	08.03-	113932	12 0.85
Laurel 2.0	(C230)[L20A] (C31)	03.77- 03.85	110458	14 60	03.77- 05.83	110277	12 0.8
		01.81- 01.84	110458	14 60	01.81- 01.84	110144	12 1.0
Laurel 2.4	(C230)[L24] (C31)  (C32)[L24E]  (C32)[L24S]	12.77- 05.83	110458	14 60	12.77- 05.83	110277	12 0.8
		01.81- 12.85	110458	14 60	01.81- 12.85	110277	12 0.8
		01.81- 12.85	110703	14 55			
		01.85- 12.87	110458	14 60	01.85- 12.87	110277	12 0.8
					A13 01.85- 12.87	110280	12 1.2
Laurel 2.8 Diesel	(C32)[RD28]				01.85- 12.87	110280	12 1.2
					02.87- 12.89	111445	12 2.0
Laurel 3.0	(C32)[VG30S]	11.84-	112970	14 70			
Laurel 3.0 i	(C32)[VG30E]	03.86-	112970	14 70			
Lucino 1.8 Turbo	[SR18DE]				11.95- 01.00	115407	12 1.4
Lucino 2.0 GTi	[SR20DE]				11.95- 01.00	115407	12 1.4
Maxima 2.0	(A32)[VQ20DE]	10.94-	111381	14 110	10.94-	111382	12 1.4
Maxima 3.0 i	(J30)[VG30E]				12.88- 06.94	111023	12 1.4
Maxima QX 2.0	(A32)[VQ20DE]	02.95-	111381	14 110	02.95-	111382	12 1.4
Maxima QX 2.0 V6 24V	(A33)[VQ20DE]				03.00-	111382	12 1.4
Maxima QX 2.5 V6 24V	(A33)[VQ25DE]				03.00-	111492	12 1.4
Maxima QX 3.0	(A32)[VQ30DE]	10.94- 12.96	111381	14 110	10.94- 12.96	111382	12 1.4
Maxima QX 3.0 V6 24V	(A33)[VQ30DE]				03.00-	111382	12 1.4
Micra 1.0	(K10)[MA10S]	12.82- 12.89	110168	14 50	12.82- 12.89	110279	12 0.8
		12.82- 05.89	110264	14 40			
		12.82- 12.89	110307	14 60	AT 12.82- 12.89	111728	12 1.4
		12.82- 11.88	110264	14 40	AT 12.82- 07.92	110279	12 0.8
Micra 1.0 16V	(K12)[CG10DE]	01.03- 06.10	114877	14 80	01.03-	114199	12 0.7
		01.03- 06.10	115531	14 80			
Micra 1.0 i 16V	(K11)[CG10DE]	09.00- 02.03	113697	14 65	08.92- 10.02	113644	12 1.2
		08.92- 05.96	111280	14 65	AT 09.00- 02.03	114199	12 0.7
Micra 1.2	(K13)[HR12DE] (K10)[MA12S]				08.92-	110279	12 0.8
					07.00- 02.03	115522	12 0.7
					05.10-	115426	12 1.0
Micra 1.2 16V	(K12)[CG12DE]	01.03- 06.10	114293	14 80	AT 07.86- 07.92	111728	12 1.4
		01.03- 06.10	114877	14 80	07.86- 07.92	110279	12 0.8
Micra 1.3 i 16V	(K11E)[CG13DE]	01.03- 06.10	115531	14 80			
		01.03- 06.10	114877	14 80			
		01.03- 06.10	115531	14 80			
		05.06-	114293	14 80	A34 01.03-	114199	12 0.7

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Micra 1.4 16V	(K12)[CR14DE]	01.03- 06.10	115531	14	80						
		05.06-	114293	14	80						
	(K12E)	08.05-	115531	14	80						
		05.06-	114293	14	80		08.05-	114199	12	0.7	
Micra 1.4 i 16V	(K11)[CGA3DE]	09.00- 02.03	113697	14	65		07.00- 10.02	113644	12	1.2	
						AT	09.00- 02.03	114199	12	0.7	
							09.00- 02.03	115522	12	0.7	
Micra 1.5 DCi	(K12)[K9K276]	01.03- 06.10	113940	14	110 A47, A49		01.03-	113897	12	1.4	
		01.03-	114354	14	150						
		01.03-	114673	14	120						
	(K12)[K9K704]	01.03- 06.10	113940	14	110 A49, A47		01.03- 09.07	113927	12	1.1	
		01.03- 09.07	114673	14	120						
	(K12)[K9K708]						01.03-	113897	12	1.4	
(K12)[K9K722]	09.03- 06.10	113940	14	110 A49, A47		09.03-	113927	12	1.1		
	09.03-	114673	14	120							
Micra 1.5 Diesel	(K11)[TD15]					02.98- 10.02	111029	12	1.4		
Micra 1.6 160 SR	(K12)[HR16DE]	05.05-	115548	14	120		05.05-	115361	12	1.0	
		08.05-	115548	14	120		08.05-	115361	12	1.0	
Murano 2.5 4x4	(Z51)[YD25DDTi]	01.10-	115703*	14	150		01.10-	115727	12	2.2	
Murano 3.5 4WD	(Z50)[VO35DE]	08.03-	111381	14	110						
Navara 2.5 DCi	(D40)[YD25DDTi]	07.05-	114244	14	130		07.05-	114232	12	2.0	
		07.05-	114803	14	150						
		03.10-	115703*	14	150		07.05-	115727	12	2.2	
		10.06-	114244	14	130		10.06-	115727	12	2.2	
Navara 2.5 DCi 4WD	(D40)[YD25DDTi]	10.06-	114803	14	150		10.06-	114232	12	2.0	
		12.09-	115703*	14	150						
		07.05-	114244	14	130		07.05-	114232	12	2.0	
		07.05-	114803	14	150		07.05-	115727	12	2.2	
							02.10-	115949	12	2.2	
Navara 3.0 DCi	(D40)[V9X]										
Note 1.4	(E11)[CR14DE]	03.06-	115531	14	80						
		05.06-	114293	14	80		03.06-	114199	12	0.7	
Note 1.5 DCi	(E11)[K9K276]						09.10-	113897	12	1.4	
		03.06-	114354	14	150						
		(E11)[K9K292]	07.08-	114354	14	150		07.08-	113897	12	1.4
		[K9K700]	03.06-	114354	14	150		03.06-	113897	12	1.4
		[K9K892]						06.13-	113897	12	1.4
Note 1.6	(HR16DE)	03.06-	115548	14	120		03.06-	115361	12	1.0	
NP 300 2.5 DCi	[YD25DDTi]	04.08-	115550	14	90		04.08-	113964	12	2.2	
NP 300 2.5 DCi 4x4	[YD25DDTi]	04.08-	115550	14	90						
NV 200 1.5 DCi	(M20)[K9K]	02.10-	113940	14	110 A47, A49		02.10-	113897	12	1.4	
		02.10-	114354	14	150						
		[K9K400]	02.10-	113940	14	110 A47, A49		02.10-	113897	12	1.4
		02.10-	114354	14	150						
		[K9K608]	02.10-	113940	14	110 A47, A49		02.10-	113897	12	1.4
		02.10-	114354	14	150						
		[K9K628]	02.10-	113940	14	110 A47, A49		02.10-	113897	12	1.4
		02.10-	114354	14	150						
		[K9K636]	04.11-	114354	14	150		04.11-	113897	12	1.4
		[K9K646]	04.11-	114354	14	150		04.11-	113897	12	1.4
[K9K892]	04.11-	113940	14	110 A49, A47		04.11-	113897	12	1.4		
	04.11-	116048	14	110							
NV 200 1.6 16V	(M20)[HR16DE]	02.10-	115548	14	120		02.10-	115361	12	1.0	
		07.10-	115548	14	120		07.10-	115361	12	1.0	
		04.11-	114354	14	150		04.11-	113897	12	1.4	
NV 200 Evalia 1.5 DCi	[K9K636]	04.11-	114354	14	150		04.11-	113897	12	1.4	
		[K9K646]	04.11-	114354	14	150		04.11-	113897	12	1.4
		[K9K892]	04.11-	113940	14	110 A49, A47		04.11-	113897	12	1.4
		04.11-	116048	14	110						
NV 400 2.3 DCi	(X62)[M9T670]	11.11-	114826	14	185		11.11-	114074	12	2.2	
		11.11-	114826	14	185		11.11-	114074	12	2.2	
		(X62)[M9T672]	11.11-	114826	14	185		11.11-	114074	12	2.2
		11.11-	114826	14	185		11.11-	114074	12	2.2	
		(X62)[M9T676]	11.11-	114826	14	185		11.11-	114074	12	2.2
		11.11-	114826	14	185		11.11-	114074	12	2.2	
		[M9T678]	11.11-	114826	14	185		11.11-	114074	12	2.2
		[M9T680]	11.11-	114826	14	185		11.11-	114074	12	2.2
		[M9T686]	11.11-	114826	14	185		11.11-	114074	12	2.2
		[M9T690]	11.11-	114826	14	185		11.11-	114074	12	2.2
		[M9T692]	11.11-	114826	14	185		11.11-	114074	12	2.2
		[M9T694]	11.11-	114826	14	185		11.11-	114074	12	2.2
		[M9T696]	11.11-	114826	14	185		11.11-	114074	12	2.2
		[M9T698]	11.11-	114826	14	185		11.11-	114074	12	2.2
Pathfinder 2.5 DCi	(R51)[YD25DDTi]	08.10-	115703*	14	150		08.10-	115727	12	2.2	
Pathfinder 2.5 DCi 4WD	(R51)[YD25DDTi]	03.05-	114244	14	130		03.05-	114232	12	2.0	
		03.05-	114803	14	150		03.05-	115727	12	2.0	
		03.05-	115703*	14	150						
Pathfinder 2.7 TD 4WD	[TD27ETi]					09.97- 12.04	110574	12	2.0		
Pathfinder 3.0 DCi	(R51)[V9X]					08.10-	115949	12	2.2		
Pathfinder 3.3 V6 4WD	[VG33E]	09.97-	113374#	14	90						
Pathfinder 3.5 V6 4WD	[VQ35]	01.01- 12.02	113373#	14	100						
		01.01- 01.02	113420	14	110						
Patrol 2.8	(160)[L28] (260)	07.80- 08.88	110458	14	60		07.80- 08.88	110280	12	1.2	
		05.86- 06.90	110458	14	60		05.86- 06.90	110280	12	1.2	
		05.86- 06.90	111614	28	35						
		(260)[RD28T]	04.89- 11.92	112329	14	70 BO					
			09.90- 11.90	111747	14	70 VP		06.89- 11.95	110280	12	1.2
			12.92- 11.95	112207	14	70 BO, VP		06.89- 11.95	111445	12	2.0 HI
			09.88- 08.95	111747	14	70 VP		09.88-	111445	12	2.0
(Y60)	04.89- 11.92	112329	14	70							
	AC 04.89- 07.91	111747	14	70 VP							
	AC 05.86- 07.91	111747	14	70		05.86- 06.90	111445	12	2.0		
	AC 04.89- 11.92	112329	14	70 BO							
	AC 12.92-	112207	14	70 BO							
[RD28Ti]	06.97-	112359	14	100		06.97-	111445	12	2.0		
Patrol 3.0	(260)[RB30S]					04.89- 05.98	111445	12	2.0		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**NISSAN** *Continued*

Patrol 3.2 Diesel	(W260)[SD33T]	08.88- 06.90	110567	28 25	08.88- 06.90	111558	24 3.5
		08.88- 06.90	111614	28 35			
		08.88- 06.90	111614	28 35			
Patrol 3.2 TD	(160)[SD33T]	07.83- 08.88	110567	28 25	08.88- 06.90	111558	24 3.5
		07.83- 08.88	111614	28 35			
		07.83- 08.88	111614	28 35			
Patrol 3.3 Diesel	(160)[SD33]	11.79- 08.88	110567	28 25			
		11.79- 08.88	111614	28 35			
Patrol 4.2 Diesel	(Y60)[TD42]	11.88- 06.97	114370	28 35	11.88- 06.97	113191	24 3.5
Patrol GR 3.0 DTi	(Y61)[ZD30DDTi]	05.00-	113787	14 90	11.88- 06.97	116085	12 2.2
					05.00-	114764	12 2.5
					A13 05.00-	114875	12 2.8
Pick-Up 1.8	(720)[L18]	12.81- 03.86	110168	14 50			
		01.83- 03.86	110307	14 60			
Pick-Up 2.0	(D21)[Z20]	04.83- 08.93	110168	14 50			
Pick-Up 2.2 4WD	(720)[Z22]	04.83- 03.86	110168	14 50			
		04.83- 03.86	110307	14 60			
Pick-Up 2.3 Diesel	(720)[SD23] (D21)	01.83- 03.86	110694	14 40 VP	04.83- 08.85	110386	12 1.9
		09.85- 08.88	110707	14 60			
		09.85- 08.88	116106*	14 70			
Pick-Up 2.4 4WD	(D21)[Z24]	09.85- 04.92	110168	14 50	03.02-	112368	12 1.4
Pick-Up 2.4 i 4WD	(D22)[KA24DE]						
Pick-Up 2.5 Diesel	(D21)[TD25] (D22)	08.87- 02.98	111316	14 60	08.87- 02.98	110574	12 2.0
		02.98- 11.01	113383	14 60			
Pick-Up 2.5 Diesel 4WD	(720)[SD25] (D21)	01.83- 03.86	110694	14 40	04.83- 09.85	110386	12 1.9
		09.85- 08.91	110707	14 60			
		09.85- 08.91	116106*	14 70			
Pick-Up 2.5 Diesel 4WD	(D21)[TD25] (D22)	08.87- 03.96	110700	14 50	10.88- 03.96	110574	12 2.0
		08.87- 02.98	111316	14 60			
		02.98-	113383	14 60			
Pick-Up 2.5 TD	(D22)[YD25DDTi]	03.02-	113324	14 90 ▲	03.02-	113964	12 2.2
		03.02-	115550	14 90			
Pick-Up 2.5 TD 4WD	(D22)[TD25Ti] (D22)[YD25DDTi]	01.01-	113324	14 90	05.98-	110574	12 2.0
		05.98-	113383	14 60			
		03.02-	115550	14 90			
Pick-Up 2.7 Diesel 4WD	(D21)[TD27]				03.02-	111805	12 2.5
					03.02-	113964	12 2.2
Pixo 1.0	(UA0)[K10B]	06.09-	115868	14 70	08.87- 01.97	110574	12 2.0
Prairie 1.5 S	(M10)[E15S]	01.83- 12.87	110168	14 50	06.09-	114761	12 1.0
		01.84- 12.87	110307	14 60			
Prairie 1.8	(M10)[CA18S]				07.83- 09.88	110278	12 0.8
Prairie 2.4 i 4WD	[KA24E]	04.92- 07.94	111264	14 80			
Prairie 2.4 i PRO	(M11)[KA24E]	04.92- 07.94	111264	14 80			
Primastar 1.9 DCi	[F9Q760] [F9Q762]	03.01-	113248	14 120	03.01-	112474	12 1.8
		AC 03.01-	112471	14 125			
		03.01-	113248	14 120			
Primastar 2.0	[F4R720] [F4R722]	AC 03.01-	112471	14 125	07.02-	112474	12 1.8
		03.01- 12.02	113245	14 125			
		03.01-	114122	14 150			
Primastar 2.0 DCi	[F4R722]	03.01- 12.02	113245	14 125	03.01-	114814	12 0.9
		03.01-	114122	14 150			
		03.01-	114122	14 150			
Primastar 2.0 DCi	(X83)[M9R780] (X83)[M9R782]	09.06-	114509	14 150			
		09.06-	114509	14 150			
		09.06-	113837	14 150			
Primastar 2.5 DCi	(X83)[G9U630] (X83)[G9U632] [G9U730]	09.06-	113837	14 150	09.06-	112475	12 2.1
		09.06-	113837	14 150			
		09.03-	112471	14 125			
Primera 1.6	[GA16DE] (P10)[GA16DS]	06.93- 01.96	111361	14 67	06.93- 01.96	111303	12 0.8
		06.90- 06.96	111361	14 67			
		06.90- 06.93	111361	14 67			
Primera 1.6 Visia	(P12)[QG16DE]	AC 03.02-	113317	14 80	03.02-	113267	12 0.7
		01.02-	113317	14 80			
Primera 1.6 16V	(P11)[QG16DE]	09.00-	113317	14 80	01.02-	111459	12 1.2
Primera 1.6 i	(W10)[GA16DE] (W10)[GA16DS]	04.93- 07.94	110631	14 70	03.94- 01.95	111459	12 1.2
		07.94-	111704	14 70			
		07.90- 04.93	110631	14 70			
Primera 1.8	(P12)[QG18DE] (WP12)	07.02-	113317	14 80	03.02-	113267	12 0.7
		AC 03.02-	113317	14 80			
		AC 03.02-	113317	14 80			
Primera 1.8 16V	(P11)[QG18DE]	08.99-	113317	14 80	A13 08.99-	113267	12 0.7
Primera 1.9 DCi	(P12)[F9Q] (WP12)	04.03-	113919	14 125			
		04.03-	113919	14 125			
Primera 2.0	(P12)[QR20DE] (WP12)	12.01-	113316	14 110			
		12.01-	113316	14 110			
		(P10)[SR20DE]					
Primera 2.0 16V	(P10)[SR20DI] (W10)	07.90- 07.94	111264	14 80	06.90- 01.96	111608	12 1.4
		07.94- 12.95	111726	14 80			
		07.90- 07.94	111608	12 1.4			
Primera 2.0 GT	(P10)[SR20DE]	06.90- 01.96	111608	12 1.4			
		09.96- 07.02	115407	12 1.4			
		09.96- 07.02	111608	12 1.4			
Primera 2.0 16V	(P11)[SR20DE] (WP11)[SR20VE]	AC 06.96-	111726	14 80	06.96- 05.99	115407	12 1.4
		06.96- 05.99	111726	14 80			
		06.96- 05.99	113439#	14 90			
Primera 2.0 16V 4WD	(P10)[SR20DI]				04.91-	111608	12 1.4
Primera 2.0 i	(P10)[SR20DE]				01.95-	111608	12 1.4
Primera 2.0 Diesel	(P10)[CD20] (W10)	01.91- 01.96	111294	14 70	01.91- 01.96	110575	12 2.0
		07.90- 12.95	111294	14 70			
		01.91- 01.96	111294	14 70			
Primera 2.0 TD	(P11)[CD20T]	09.96- 07.02	112351	14 90	07.90- 12.95	110575	12 2.0
Primera 2.2 DCi	(P12)[YD22DDT]	04.03-	114489	14 110	01.03-	113323	12 1.7

## STARTERS & ALTERNATORS



	(WP12)	04.03-	114489	14 110		01.03-	113323	12 1.7
Primera 2.2 Diesel Di	(P12)[YD22DDT]	03.02-	114489	14 110		03.02-	113323	12 1.7
	(WP12)	03.02-	114489	14 110		03.02-	113323	12 1.7
Pulsar 1.5 DCi	(C13)[K9K]					10.14-	113897	12 1.4
Qashqai 1.5 DCi	(J10, JJ10)[K9K410]	07.08-	114354	14 150		07.08-	113897	12 1.4
	(J10, JJ10)[K9K430]	11.10-	114354	14 150		11.10-	113897	12 1.4
	(J10, JJ10)[K9K732]	02.07-	114354	14 150		02.07-	113897	12 1.4
	(J10, JJ10)[K9K764]	02.07-	114354	14 150		02.07-	113897	12 1.4
Qashqai 1.6	(J10, JJ10)[HR16DE]	11.10-	115811*	14 150		11.10-	115361	12 1.0
		02.07-	115811*	14 150		02.07-	115361	12 1.0
Qashqai 1.6 DCi	(J10, JJ10)[R9M]					10.11-	115829	12 1.8
Qashqai 1.6 DCi 4x4	(J10, JJ10)[R9M]					10.11-	115829	12 1.8
Qashqai 2.0	(J10, JJ10)[MR20DE]	02.07-	115340	14 120		11.10-	115341	12 1.0
Qashqai 2.0 4x4	(J10, JJ10)[MR20DE]	02.07-	115340	14 120		11.10-	115341	12 1.0
Qashqai 2.0 DCi	[M1D]	02.07-	114842*	14 150		02.07-	114074	12 2.2
	[M9R]					02.07-	114074	12 2.2
Qashqai 2.0 DCi 4WD	[M1D]	02.07-	114842*	14 150		02.07-	114074	12 2.2
	[M9R]					02.07-	114074	12 2.2
Sentra 2.5	[QR25DE]					06.02- 08.06	114329	12 1.6
Serena 1.6 16V	(C23M)[GA16DE]					07.92-	111728	12 1.4
Serena 2.0 16V	(C23M)[SR20DE]					11.92-	111549	12 1.4
Serena 2.0 Diesel	(C23M)[LD20]	11.92-	111812	14 90		11.92-	114318	12 2.2
Serena 2.3 Diesel	(C23M)[LD23]	07.92-	111812	14 90 VP				
		01.95-	113786	14 90				
Silvia 1.8 Turbo	(S110)[L18E]					01.79- 05.83	110144	12 1.0
Silvia 2.0	(S12)[FJ20E]	10.83- 09.88	110307	14 60		04.84- 09.88	110280	12 1.2
Stanza 1.6	(T11)[CA16S]					08.81- 12.85	110278	12 0.8
Stanza 1.8	(T11)[CA18]					08.81- 12.85	110278	12 0.8
	(T11)[CA18S]					08.81- 12.85	110278	12 0.8
Stanza 1.8 SGL	(T11)[CA18S]					03.83- 12.85	110278	12 0.8
Sunny 1.0	(N13)[E10S]					06.86- 10.88	110279	12 0.8
Sunny 1.3	(B11)[E13]	03.82- 08.90	110168	14 50		03.82- 09.87	110279	12 0.8
		03.82- 08.90	110307	14 60				
		05.83- 05.88	110264	14 40				
	(N13)[E13S]	06.86- 10.91	110307	14 60		06.86- 10.91	110279	12 0.8
Sunny 1.4	(B310)[A14]	01.70- 05.78	110128	14 35		AT 01.70- 02.82	110142	12 1.0
		09.80- 06.82	110168	14 50				
	(N13)[GA14S]	10.88- 08.91	110632	14 65		AT 01.89- 08.91	110142	12 1.0
Sunny 1.4 LX	(N13)[GA14S]	10.88- 08.91	110632	14 65		10.88- 08.91	110279	12 0.8
Sunny 1.4 16V	[GA14DE]	10.90- 05.95	110631	14 70		10.90- 05.95	111312	12 0.8
						AT 10.90- 05.95	111459	12 1.2
Sunny 1.4 i 16V	(N14)[GA14DE]	10.92- 06.95	110631	14 70		10.92- 06.95	111312	12 0.8
						AT 10.92- 06.95	111459	12 1.2
Sunny 1.4 i	(N14)[GA14DS]	10.90- 05.95	110631	14 70		10.90- 05.95	111312	12 0.8
						AT 10.90- 05.95	111459	12 1.2
Sunny 1.5	(B310)[A15]	06.79- 02.82	110168	14 50		06.79- 02.82	110142	12 1.0
	(B11)[E15S]	03.82- 10.86	110168	14 50		03.82- 10.86	110279	12 0.8
		03.82- 10.86	110307	14 60				
	(B12)					06.86- 10.88	110279	12 0.8
	(N13)					06.86- 10.88	110279	12 0.8
Sunny 1.6	(B12)[E16S]					06.86- 10.88	110279	12 0.8
	(N13)					06.86- 10.88	110279	12 0.8
Sunny 1.6 16V	(Y10)[GA16DS]	10.90- 03.94	110631	14 70		10.90- 05.95	111312	12 0.8
		03.94- 05.95	111704	14 70		AT 10.90- 05.95	111459	12 1.2
Sunny 1.6 i 12V	(N13)[GA16I]	10.88- 10.90	110632	14 65				
Sunny 1.6 i 12V 4WD	(B12)[GA16I]					10.88- 08.90	111459	12 1.2
Sunny 1.6 i 16V	(10)[GA16DE]	10.92- 03.94	110631	14 70		10.92-	111312	12 0.8
		03.94-	111704	14 70		AT 10.92-	111459	12 1.2
	(N14)	10.92- 05.95	110631	14 70		10.92- 05.95	111312	12 0.8
						AT 10.92- 05.95	111459	12 1.2
	(Y10L)	11.90- 03.94	110631	14 70		10.92-	111312	12 0.8
		03.94- 07.95	111704	14 70		AT 10.92-	111459	12 1.2
Sunny 1.6 i 16V 4WD	(N14)[GA16DE]	10.92- 05.95	110631	14 70		10.92- 05.95	111459	12 1.2
	(N14)[GA16DS]	10.90- 10.92	110631	14 70		10.90- 10.92	111459	12 1.2
Sunny 1.6 i	(B12)[E16I]					06.86- 10.88	110279	12 0.8
	(N13)	10.88- 10.90	110632	14 65		06.86- 10.90	110279	12 0.8
	(N14)[GA16DE]	10.90- 05.95	110631	14 70		10.90- 05.95	113139	12 1.2
						AT 10.90- 05.95	111459	12 1.2
						10.90- 05.95	111312	12 0.8
	(N14)[GA16DS]	10.90- 05.95	110631	14 70		10.90- 05.95	111312	12 0.8
						AT 10.90- 05.95	111459	12 1.2
	(Y10)	10.92- 03.94	110631	14 70		10.90- 10.93	111312	12 0.8
		03.94- 07.95	111704	14 70		AT 10.90- 10.93	111459	12 1.2
	(B12)[GA16I]	10.88- 06.91	110632	14 65				
	(N13)	10.88- 06.91	110632	14 65				
Sunny 1.6 i 4WD	(B12A)[E16I]	06.86- 05.89	110168	14 50				
Sunny 1.7 Diesel	(B11)[CD17]					03.82- 10.86	110575	12 2.0
	(B12)	01.86- 06.91	111692#	14 70		01.86- 06.91	110575	12 2.0
	(N13)	06.86- 01.91	111692#	14 70		06.86- 01.91	110575	12 2.0
	(Y10)	11.90-	111692#	14 70		11.90-	110575	12 2.0
Sunny 2.0 GTi 16V	(N14)[SR20DE]	10.90- 05.95	111264	14 80		10.90- 05.95	111608	12 1.4
Sunny 2.0 i 16V	(N14)[SR20DE]					10.90- 05.95	111608	12 1.4
Sunny 2.0 i Turbo	(N14)[SR20DET]	10.90- 05.95	111264	14 80				
Sunny 2.0 Diesel	(N14)[CD20]	10.90- 05.95	111294	14 70		10.90- 05.95	110575	12 2.0
	(Y10)	06.91-	111294	14 70		06.91-	110575	12 2.0
Terrano 2.4 4WD	(R20)[KA24E]					05.96- 09.99	112368	12 1.4
Terrano 2.4 i 12V	(R20)[KA24E]					02.93- 06.96	111485	12 1.2
Terrano 2.7 TD	(R20)[TD27T]	02.93- 06.96	111316	14 60 HI		02.93- 06.96	111805	12 2.5
		02.93- 06.96	112086	14 60 BO				
		02.93- 01.02	115837	14 70		02.93- 01.02	110574	12 2.0
	(WD21)	08.87- 10.93	110700	14 50		02.89- 02.93	110574	12 2.0
		02.89- 10.93	111316	14 60		02.89- 02.93	111805	12 2.5
Terrano 2.7 TDi 4WD	(R20)[TD27T1]	05.96-	111980	14 70		06.98-	110574	12 2.0
		05.96-	115837	14 70		06.98-	112365	12 2.2
		AT 05.96-	112351	14 90		05.96-	111805	12 2.5

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



NISSAN Continued

Terrano 3.0 i	(WD21)[VG30E]	01.89- 12.95	111266	14	70	08.90- 12.95	111763	12	1.2
Terrano 3.0 Di 4WD	(R20)[ZD30]	04.03-	113797						
Terrano 3.0 Diesel Di 4WD	[ZD30]	05.02-	113787	14	90	05.02-	114032	12	2.5
Tiida 1.5 DCi	(SC11X)[K9K]	09.07-	113940	14	110 A49, A47	09.07-	113897	12	1.4
	(C11X)[K9K728]	09.07-	113940	14	110 A49, A47	09.07-	113897	12	1.4
Tiida 1.6	(C11X)[HR16DE]	09.07-	115548	14	120	09.07-	115361	12	1.0
	(SC11X)	09.07-	115548	14	120	09.07-	115361	12	1.0
Tiida 1.8	(C11X)[MR18DE]					09.07-	115341	12	1.0
	(SC11X)					09.07-	115341	12	1.0
Trade 2.0 Diesel	[LD20]					11.86- 10.98	115567*	12	2.4
Trade 2.8 Diesel	[A428II]					12.86- 12.98	115567*	12	2.4
Trade 3.0	[BD-30TI]	01.96- 12.98	112394	14	70	01.96- 12.98	110574	12	2.0
Trade 3.0 Diesel	[BD-30II]					01.94- 12.98	112365	12	2.2
Urvan 2.0	(E23)[H20]	07.81- 11.82	110168	14	50	07.81- 11.82	110256	12	0.8
	(E23)[Z20]	12.82- 11.88	110168	14	50	12.82- 11.88	110277	12	0.8
		12.82- 11.88	110307	14	60				
	(E24)	05.87-	110168	14	50				
		05.87-	110307	14	60				
	(E24)[Z20S]					01.92- 09.93	110277	12	0.8
Urvan 2.2 Diesel	(E23)[SD22]	07.80- 11.82	110694	14	40	07.80- 04.82	110386	12	1.9
Urvan 2.3 Diesel	(E23)[SD23]	02.87-	112093	14	70 VP	11.82- 11.88	110386	12	1.9
	(E24)[TD23]	02.87-	110701	14	50	11.86- 03.89	111805	12	2.5
		02.87-	112093	14	70				
Urvan 2.4	(E24)[Z24S]	11.86- 06.97	110307	14	60				
Urvan 2.5 Diesel	(E24)[TD25]	12.88-	110701	14	50	12.88-	111805	12	2.5
		12.88-	112093	14	70				
	(E24L)	12.88-	110701	14	50	05.89-	111805	12	2.5
		12.88-	112093	14	70 VP				
Vanette 1.5	(KC120)[A15]	07.81- 12.87	110168	14	50	05.84- 12.87	110142	12	1.0
		01.83- 12.87	110307	14	60				
		01.83- 12.87	110458	14	60				
	(C22)[A15S]	09.85- 12.95	110264	14	40				
		10.86- 12.95	110168	14	50	10.86- 12.95	110142	12	1.0
		10.86- 12.95	110307	14	60				
Vanette 2.0 Diesel	(C22)[LD20-II]	07.91- 01.95	112087	14	55	07.91- 01.95	114318	12	2.2
Vanette Cargo 1.6 i	(C23M)[GA16DE]					07.92-	111728	12	1.4
Vanette Cargo 2.0 Diesel	(C23M)[LD20]	07.92- 09.94	111812	14	90	01.96-	114318	12	2.2
Vanette Cargo 2.3 Diesel	(C23M)[LD23]	09.94-	111812	14	90				
		01.95- 11.01	113786	14	90				
X-Trail 2.0	(T31)[MR20DE]					06.07-	115341	12	1.0
	(T30)[QR20DE]	11.01-	113316	14	110				
X-Trail 2.0 4WD	(T30)[QR20DE]	07.01-	113316	14	110	AT 07.01-	114763	12	1.4
X-Trail 2.0 DCi	(T31)[M9R]					06.07-	114074	12	2.2
X-Trail 2.2 DCi	(T30)[YD22DDTI]	12.03-	113324	14	90	12.03-	113323	12	1.7
X-Trail 2.2 DCi 4WD	(T30)[YD22DDTI]	12.03-	113324	14	90	12.03-	113323	12	1.7
X-Trail 2.2 Di 4WD	(T30)[YD22ETI]	07.01-	113324	14	90	07.01-	113323	12	1.7
X-Trail 2.5	(T31)[QR25DE]					AT 06.07-	114763	12	1.4
X-Trail 2.5 4WD	[QR25DE]	09.02-	113316	14	110	01.03-	114763	12	1.4
<b>PASSENGER CARS US</b>									
210 1.2	[A12]					01.79- 01.82	110142	12	1.0
210 1.4	[A14]					01.79- 01.79	110142	12	1.0
210 1.4 Deluxe	[A14]					01.80- 01.80	110142	12	1.0
210 1.5 Deluxe	[A15]					01.80- 01.82	110142	12	1.0
310 1.4	[A14]					01.79- 01.80	110142	12	1.0
310 1.4 GX	[A14]					01.80- 01.80	110142	12	1.0
310 1.5	[A15]					01.81- 01.81	110142	12	1.0
310 1.5 Deluxe	[E15]					01.82- 01.82	110279	12	0.8
310 1.5 GX	[A15]					01.81- 01.81	110142	12	1.0
	[E15]					01.82- 01.82	110279	12	0.8
410 1.2	[E1]					01.63- 01.65	110142	12	1.0
						01.63- 01.65	110332	12	1.0
411 1.2						01.63- 01.65	110332	12	1.0
510 1.6	[L16]					01.68- 01.73	110144	12	1.0
510 2.0	[L20B]	01.78- 01.79	110168	14	50				
	[Z20S]	01.80- 01.81	110168	14	50	01.80- 01.81	110277	12	0.8
520 1.3	[J13]					01.65- 01.68	110142	12	1.0
						01.65- 01.68	110332	12	1.0
521 1.3	[J13]					01.69- 01.69	110142	12	1.0
						01.69- 01.69	110332	12	1.0
521 1.6	[L16]					01.70- 01.72	110144	12	1.0
610 1.8	[L18]					01.73- 01.73	110144	12	1.0
610 2.0	[L20B]					01.74- 01.76	110144	12	1.0
620 1.6	[L16]					01.72- 01.73	110144	12	1.0
620 1.8	[L18]					01.74- 01.74	110144	12	1.0
620 2.0	[L20B]					01.75- 01.79	110144	12	1.0
710 1.8	[L18]					01.74- 01.74	110144	12	1.0
710 2.0	[L20B]					01.75- 01.77	110144	12	1.0
720 2.0	[L20B]	01.80- 01.80	110264	14	40	01.80- 01.80	110144	12	1.0
						01.80- 01.80	110280	12	1.2
	[Z20]	01.83- 01.85	110168	14	50	01.83- 01.85	110277	12	0.8
720 2.2	[Z22]	01.81- 01.82	110168	14	50	01.81- 01.82	110277	12	0.8
720 2.2	[SD22]					01.81- 01.82	110386	12	1.9
720 2.4	[Z24]	01.83- 01.85	110168	14	50	01.83- 01.85	110277	12	0.8
	[Z24i]					01.86- 01.86	110277	12	0.8
720 2.5	[SD25]					01.83- 01.86	110386	12	1.9
810 2.4	[L24E]					01.77- 01.77	110277	12	0.8
						01.78- 01.81	110280	12	1.2
1200 1.2	[A12]					01.71- 01.73	110142	12	1.0
1600 1.6	[R16]					01.68-	110144	12	1.0
200SX 1.6	[GA16DE]					01.95- 01.98	111312	12	0.8
						01.95- 01.98	111459	12	1.2
200SX 1.6 SE	[GA16DE]					01.95- 01.98	111312	12	0.8
						01.95- 01.98	111459	12	1.2
200SX 1.8 Turbo	[CA18ET]					01.84- 01.86	110278	12	0.8
200SX 2.0	[CA20E]					01.84- 01.86	110278	12	0.8

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	[L20B]									01.77- 01.79	110144	12	1.0
										01.77- 01.79	110280	12	1.2
	[SR20DE]	01.95- 01.98	111726	14	80					01.95- 01.95	111608	12	1.4
	[Z20E]	01.80- 01.81	110168	14	50					01.80- 01.81	110277	12	0.8
200SX 2.0 SE-R	[SR20DE]	01.96- 01.98	111726	14	80					01.96- 01.97	111608	12	1.4
200SX 2.2	[Z22E]									01.82- 01.83	110277	12	0.8
240Z 2.4	[L24]									01.70- 01.73	110277	12	0.8
260Z 2.6	[L26]									01.74- 01.74	110277	12	0.8
280Z 2.8	[L28E]									01.75- 01.77	110277	12	0.8
										01.78- 01.78	110280	12	1.2
280ZX 2.8	[L28E]	01.82- 01.83	110458	14	60					01.79- 01.83	110280	12	1.2
280ZX 2.8 GL	[L28E]	01.81- 01.81	110458	14	60					01.81- 01.81	110280	12	1.2
280ZX 2.8 Turbo	[L28E1]	01.81- 01.83	110458	14	60					01.82- 01.83	110280	12	1.2
300ZX 3.0	[VG30]	01.84- 01.89	112970	14	70								
Almera 1.6	(N15)[GA16DE]									07.95- 03.00	111459	12	1.2
Altima 2.4	[KA24DE]	01.93- 01.93	111264	14	80								
		01.98- 01.99	113373#	14	100								
Altima 2.4 GLE	[KA24DE]	01.93- 01.97	111264	14	80								
Altima 2.4 GXE	[KA24DE]	01.93- 01.97	111264	14	80								
Altima 2.4 SE	[KA24DE]	01.93- 01.97	111264	14	80								
Altima 2.4 XE	[KA24DE]	01.93- 01.97	111264	14	80								
Axxess 2.4	[KA24E]	01.90- 01.90	111264	14	80								
Axxess 2.4 4WD	[KA24E]	01.91-	111264	14	80								
B210 1.3	[A13]									01.74- 01.74	110142	12	1.0
B210 1.4	[A14]									01.75- 01.78	110142	12	1.0
D21 2.4	[KA24E]									01.90- 01.93	111485	12	1.2
	[Z24]									01.86- 01.89	110277	12	0.8
D21 3.0	[VG30E]	01.90- 01.93	111266	14	70					01.90- 01.93	111763	12	1.2
D21 3.0 SE	[VG30E]	01.91- 01.93	111266	14	70					01.91- 01.93	111763	12	1.2
F 10 1.4	[A14]									01.76- 01.78	110142	12	1.0
Frontier 2.4	[KA24DE]									01.98- 01.01	112368	12	1.4
Maxima 2.4	[L24E]	01.82- 01.84	110458	14	60					01.82- 01.84	110280	12	1.2
Maxima 3.0	[VG30E]									01.89- 01.91	111023	12	1.4
	[VQ30DE]	01.99- 01.99	111381	14	110					01.99- 01.01	111382	12	1.4
Maxima 3.0 GLE	[VQ30DE]	10.94- 01.97	111381	14	110					01.95- 01.98	111382	12	1.4
Maxima 3.0 GXE	[VG30E]									01.92- 01.94	111023	12	1.4
	[VQ30DE]	01.95- 01.97	111381	14	110					01.95- 01.98	111382	12	1.4
Maxima 3.0 SE	[VE30DE]									01.92- 01.94	111023	12	1.4
	[VQ30DE]	01.95- 01.98	111381	14	110					01.95- 01.98	111382	12	1.4
NX 1.6	[GA16DE]	01.91- 01.93	110631	14	70					01.91- 01.93	111459	12	1.2
										01.91- 01.93	111312	12	0.8
NX 2.0	[SR20DE]	01.91- 01.93	111264	14	80					01.91- 01.93	111608	12	1.4
Pathfinder 3.0	[VG30E]	01.91- 01.92	111266	14	70					01.91- 01.92	111763	12	1.2
Pathfinder 3.0 LE	[VG30E]	01.94- 01.95	111266	14	70					01.94- 01.95	111763	12	1.2
Pathfinder 3.0 SE	[VG30E]	01.90- 01.95	111266	14	70					01.90- 01.95	111763	12	1.2
Pathfinder 3.0 XE	[VG30E]	01.90- 01.95	111266	14	70					01.90- 01.95	111763	12	1.2
Pick-Up 2.4	[KA24E]									01.94- 01.94	111485	12	1.2
										01.96- 01.97	112368	12	1.4
Pick-Up 2.4 SE	[KA24E]									01.96- 01.97	112368	12	1.4
Pick-Up 2.4 Short Bed E	[KA24E]									01.95- 01.95	111485	12	1.2
Pick-Up 2.4 Short Bed XE	[KA24E]									01.95- 01.97	111485	12	1.2
Pick-Up 2.4 XE	[KA24E]									01.94- 01.95	111485	12	1.2
										01.96- 01.97	112368	12	1.4
Pick-Up 3.0	[VG30E]	01.94- 01.94	111266	14	70					01.94- 01.94	111763	12	1.2
Pick-Up 3.0 SE	[VG30E]	01.94- 01.95	111266	14	70					01.94- 01.95	111763	12	1.2
Pick-Up 3.0 XE	[VG30E]	01.94- 01.95	111266	14	70					01.94- 01.95	111763	12	1.2
Pulsar 1.6	[E16]									01.83- 01.83	110279	12	0.8
Pulsar NX 1.5 Turbo	[E15T]	01.83- 01.84	110307	14	60								
Pulsar NX 1.6	[E16]									01.83- 01.86	110279	12	0.8
	[GA16I]	01.90- 01.90	110631	14	70					01.90- 01.90	111312	12	0.8
		01.90- 01.90	110632	14	65					01.90- 01.90	111459	12	1.2
Pulsar NX 1.6 XE	[E16I]									01.87- 01.88	110279	12	0.8
	[GA16I]	01.89- 01.90	110631	14	70					01.89- 01.90	111459	12	1.2
		01.89- 01.90	110632	14	65					01.89- 01.90	111312	12	0.8
Sentra 1.5	[E15S]									01.82- 01.83	110279	12	0.8
Sentra 1.6	[E16]	01.85- 01.85	110307	14	60					01.83- 01.84	110279	12	0.8
	[E16I]									01.87- 01.88	110279	12	0.8
	[E16S]	01.86- 01.87	110307	14	60					01.88- 01.88	110279	12	0.8
	[GA16DE]	01.91- 01.94	110631	14	70					01.91- 01.99	111459	12	1.2
										01.91- 01.99	111312	12	0.8
	[GA16I]	01.89- 01.90	110631	14	70					01.89- 01.90	111312	12	0.8
		01.89- 01.90	110632	14	65					01.89- 01.90	111459	12	1.2
Sentra 1.6 4WD	[GA16I]	01.90- 01.90	110631	14	70					01.90- 01.90	111459	12	1.2
		01.90- 01.90	110632	14	65								
Sentra 1.6 E	[GA16DE]	01.93- 01.94	110631	14	70					01.93- 01.96	111459	12	1.2
										01.93- 01.96	111312	12	0.8
Sentra 1.6 GLE	[GA16DE]									01.95- 01.97	111312	12	0.8
										01.95- 01.97	111459	12	1.2
Sentra 1.6 GXE	[GA16DE]	01.93- 01.94	110631	14	70					01.93- 01.97	111459	12	1.2
										01.93- 01.97	111312	12	0.8
Sentra 1.6 LE	[GA16DE]	01.94- 01.94	110631	14	70					01.94- 01.94	111312	12	0.8
										01.94- 01.94	111459	12	1.2
Sentra 1.6 SE	[GA16DE]	01.93- 01.94	110631	14	70					01.93- 01.94	111459	12	1.2
										01.93- 01.94	111312	12	0.8
Sentra 1.6 XE	[GA16DE]	01.93- 01.94	110631	14	70					01.93- 01.97	111312	12	0.8
										01.93- 01.97	111459	12	1.2
Sentra 1.8	[QG18DE]	01.00-	113372#	14	100								
Sentra 2.0	[SR20DE]	01.91-	111264	14	80					01.91-	111549	12	1.4
		01.98- 01.99	111726	14	80								
Sentra 2.0 SE-R	[SR20DE]	01.91- 01.94	111264	14	80					01.91- 01.94	111608	12	1.4
Stanza 2.0	[CA20E]									01.86- 01.89	110278	12	0.8
	[CA20S]									01.82- 01.83	110278	12	0.8
Stanza 2.0 GL	[CA20E]									01.84- 01.85	110278	12	0.8
Stanza 2.0 XE	[CA20E]									01.84- 01.85	110278	12	0.8
Stanza 2.4	[KA24E]	01.90- 01.92	111264	14	80								
Van 2.4	[Z24i]									01.87- 01.88	110249	12	0.8

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**NISSAN** Continued

Xterra 2.4	[KA24DE]				01.00- 01.01	112368	12	1.4
<b>PASSENGER CARS AO</b>								
Laurel 2.0 GL	(JC31)[CA20S]				11.84- 12.85	110278	12	0.8
Navara 2.5 DCi	(D40)[YD25DDTi]	12.05-	114244	14 130				
		12.05-	115703*	14 150	12.05-	115727	12	2.2
Navara 2.5 DCi 4x4	(D40)	08.08-	114244	14 130	08.08-	115727	12	2.2
Pathfinder 2.5 DCi	(R51)	01.05-	114803	14 150	01.05-	115727	12	2.2
	(R51)	01.05-	114244	14 130	01.05-	114232	12	2.0
Patrol 3.0 Diesel 4x4	(GU)				A13 09.07-	114875	12	2.8
	(GU)				09.07-	114764	12	2.5
Patrol GR 3.0 Diesel	(Y61)				A13 05.00- 09.04	114875	12	2.8
	(Y61)				05.00- 09.04	114764	12	2.5
Sunny 1.5	(B11)[E15]				03.82- 05.86	110279	12	0.8
X-Trail 2.0 4WD	(T30)[QR20DE]				AT 09.01-	114763	12	1.4
X-Trail 2.0 Turbo Sport 4WD	(T30)				AT 06.01-	114763	12	1.4
X-Trail 2.5 4WD	(T30)[QR25DE]				AT 11.02-	114763	12	1.4
<b>TRUCKS EU</b>								
100/8 D 5.8	[6.354.3]					116041	24	4.0
110.35 3.0	(Atleon)[BD-30Ti]				09.00-	112365	12	2.2
120.35 3.0	(Atleon)[BD-30Ti]				09.00-	112365	12	2.2
140.70 4.0	(Atleon)[B4-40Ti]				09.03-	114236	24	2.5
140.75 4.0	[BD-40Ti]				09.00-	114236	24	2.5
140.80 4.0	(Atleon)[B4-40Ti]				09.03-	114236	24	2.5
28.12 2.5	[YD25K3LD-5LO]	10.06-	115703*	14 150	10.06-	115727	12	2.2
35.12 2.5	[YD25K3LD-5LO]	10.06-	115703*	14 150	10.06-	115727	12	2.2
35.14 2.5	[YD25K3LD-5MI]	10.06-	115703*	14 150	10.06-	115727	12	2.2
45.15 3.0 Diesel	(F24)[ZD30]	10.06-	113993	14 135				
		10.06-	115317	14 120				
Cabstar 1.6	(F22)[Z16]				10.86- 09.92	110277	12	0.8
Cabstar 2.0	(F22)[Z20]				01.86- 12.88	110277	12	0.8
Cabstar 2.3 Diesel	(F22)[SD23]				12.81- 06.92	111805	12	2.5
	(F22)[TD23]	12.81- 06.92	116106*	14 70				
		10.86- 06.92	110701	14 50	12.81- 06.92	111805	12	2.5
		10.86- 06.92	111316	14 60				
Cabstar 2.5	(F22)[TD25]	10.82- 06.92	116106*	14 70				
	(F24)[YD25DDTi]	10.86- 06.92	110701	14 50	10.82- 06.92	111805	12	2.5
		09.06-	115703*	14 150	09.06-	114232	12	2.0
					09.06-	115727	12	2.2
Cabstar 2.5 Diesel	(F22)[SD25]				02.83- 02.86	110386	12	1.9
					02.86- 12.90	110719	12	2.0
Cabstar 2.7 Diesel	(F22)[TD27]	02.83- 12.90	116106*	14 70				
		10.86- 06.92	110701	14 50	02.83- 12.90	111805	12	2.5
		10.86- 10.88	111316	14 60				
Cabstar 3.3 Diesel	(F22)[ED33]				12.81- 12.90	113210	24	3.2
Cabstar 5.7	(1120)[FD6]				04.85-	110616	24	4.5
	(1220)				04.85-	110616	24	4.5
	(815)[FE6]				04.85-	110616	24	4.5
	(818)				04.85-	110616	24	4.5
					04.85-	113675	24	4.0
E 110.45 3.0 TD	[BD-30Ti]	10.98-	112394	14 70	10.98-	110574	12	2.0
		10.98-	113291	14 55				
E 120.35 3.0 TD	[BD-30Ti]	10.98-	112394	14 70	10.98-	110574	12	2.0
		10.98-	113291	14 55				
E 120.45 3.0 TD	[BD-30Ti]	10.98-	112394	14 70	10.98-	110574	12	2.0
		10.98-	113291	14 55				
E 90.32 2.7 Diesel	[TD27Ti]	10.98-	112394	14 70				
		10.98-	113291	14 55				
E 90.32 3.0 TD	[BD-30Ti]	10.98-	112394	14 70	10.98-	110574	12	2.0
		10.98-	113291	14 55				
ECO-T 100 3.0 TD	[BD-30Ti]				04.93- 08.99	112365	12	2.2
L 80 5.8	[6.354.3]					116041	24	4.0
M 100 5.8	[6.354.3]					116041	24	4.0
M 125 5.8	[6.354.3]					116041	24	4.0
UD520			114414	28 55				
Various models 14.3 V8	[RD8]					114422	24	6.0
<b>FORK LIFTS</b>								
FD104						110155	12	1.0
						110256	12	0.8
FX	[Z24]					110415	12	1.4
GF 03	[SD33]				01.78-	110616	24	4.5
H15		01.94-	112069	14 50				
H20	[H20]	01.94-	112069	14 50				
H20S					01.86-	110415	12	1.4
H25	[PJ01]	01.95-	112069	14 50				
H30					01.90-	111108	12	1.2
Various models			112068	14 35		115377	12	1.0
			116104*	28 80		115466	12	2.0
			113418	28 25		110572	12	1.2
						110617	12	1.2
						110386	12	1.9
						110256	12	0.8
						114479	12	1.2
YE 03	[SD33]				01.80-	113675	24	4.0
YGF 03	[SD33]				01.80-	110616	24	4.5
					01.80-	113675	24	4.0
<b>Nissan (Dongfeng)</b>								
<b>PASSENGER CARS AO</b>								
Qashqai 2.0	[MR20DE]	01.11-	115340	14 120	01.11-	115341	12	1.0
<b>NSU</b>								
<b>PASSENGER CARS EU</b>								
RO 80 1.0	[KKM]				10.67- 07.77	113705	12	1.9
<b>PASSENGER CARS US</b>								
RO 80 1.0		07.73- 08.77	112098	14 65				

## STARTERS & ALTERNATORS



Oldsmobile										
PASSENGER CARS EU										
Cutlass 2.8 V6 Supreme	[LB6]							09.88-	112911	12 1.6
Cutlass 3.4 V6 Supreme	[6V]	09.90-	110499	14	100/105					
		09.90-	112448	14	100					
PASSENGER CARS US										
98 3.0 Regency		01.85- 01.85	110235	14	80			01.85- 01.85	110221	12 1.2
		01.85- 01.85	110492	14	108					
98 3.8 Regency		01.88- 01.94	111220	14	105			01.85- 01.94	110221	12 1.2
		01.88- 01.94	112636	14	100/105					
		01.86- 01.86	110235	14	80					
		01.85- 01.85	110492	14	108					
98 3.8 Regency Brougham		01.88- 01.90	111220	14	105			01.85- 01.90	110221	12 1.2
		01.88- 01.90	112636	14	100/105					
		01.86- 01.86	110235	14	80					
		01.85- 01.85	110492	14	108					
98 3.8 Regency Elite		01.91- 01.94	111220	14	105			01.96- 01.96	112898	12 1.6
		01.91- 01.94	112636	14	100/105			01.91- 01.95	110221	12 1.2
98 3.8 Regency Touring		01.88- 01.93	111220	14	105			01.88- 01.93	110221	12 1.2
		01.88- 01.93	112636	14	100/105					
98 3.8 Super Regency Elite		01.94- 01.94	111220	14	105			01.95- 01.95	112898	12 1.6
		01.94- 01.94	112636	14	100/105			01.94- 01.94	110221	12 1.2
98 3.8 Super Regency Touring		01.92- 01.93	111220	14	105			01.92- 01.93	112898	12 1.6
		01.92- 01.93	112636	14	100/105					
98 4.1		01.81- 01.81	110235	14	80					
		01.81- 01.81	110505	14	75					
98 4.1 Regency		01.81- 01.83	110235	14	80					
		01.81- 01.83	110505	14	75					
98 4.1 Regency Brougham		01.82- 01.83	110235	14	80					
		01.82- 01.83	110505	14	75					
98 4.3 Regency		01.85- 01.85	110505	14	75					
98 4.3 Regency Brougham		01.85- 01.85	110505	14	75					
98 5.0		01.80- 01.81	110505	14	75					
		01.80- 01.81	110235	14	80					
98 5.0 Regency		01.84- 01.84	110508	14	78					
		01.80- 01.83	110505	14	75					
		01.80- 01.83	110235	14	80					
98 5.0 Regency Brougham		01.84- 01.84	110508	14	78					
		01.82- 01.83	110505	14	75					
		01.82- 01.83	110235	14	80					
98 5.7		01.72- 01.80	110505	14	75			01.77- 01.80	110218	12
		01.72- 01.73	110233	14	63					
98 5.7 Regency		01.73- 01.80	110505	14	75			01.77- 01.80	110218	12
98 5.7		01.78- 01.81	110505	14	75					
		01.80- 01.81	110235	14	80					
98 5.7 Regency		01.84- 01.84	110508	14	78					
		01.78- 01.83	110505	14	75					
		01.83- 01.83	110471	14	94					
		01.80- 01.82	110235	14	80					
98 5.7 Regency Brougham		01.84- 01.84	110508	14	78					
		01.82- 01.83	110235	14	80					
		01.82- 01.83	110505	14	75					
98 6.5		01.60- 01.64	110075	14	60					
98 6.6		01.75- 01.79	110505	14	75			01.75- 01.79	110218	12
98 6.6 Regency		01.75- 01.79	110505	14	75			01.75- 01.79	110218	12
98 7.0		01.65- 01.67	110075	14	60			01.65- 01.67	110218	12
98 7.0 Holiday		01.65- 01.67	110075	14	60			01.65- 01.67	110218	12
98 7.5		01.72- 01.76	110505	14	75			01.68- 01.76	110218	12
		01.72- 01.76	110233	14	63					
		01.68- 01.71	110075	14	60					
98 7.5 Regency		01.73- 01.76	110505	14	75			01.73- 01.76	110218	12
442 5.7		01.68- 01.70	110075	14	60					
		01.68- 01.70	110233	14	63					
		01.68- 01.70	110505	14	75					
442 6.6		01.65- 01.69	110075	14	60			01.65- 01.69	110218	12
442 7.5		01.68- 01.71	110075	14	60			01.68- 01.71	110218	12
		01.68- 01.71	110233	14	63					
		01.68- 01.71	110505	14	75					
Achieva 3.1								01.98- 01.98	112911	12 1.6
Achieva 3.1 S								01.94- 01.95	112911	12 1.6
Achieva 3.1 SC								01.94- 01.97	112911	12 1.6
Achieva 3.1 SL								01.94- 01.97	112911	12 1.6
Achieva 3.3 S								01.92- 01.93	110221	12 1.2
Achieva 3.3 SL								01.92- 01.93	110221	12 1.2
Achieva 3.3 W44								01.92- 01.93	110221	12 1.2
Alero 2.4		01.99- 01.01	112868	14	102					
Alero 3.4								01.99- 01.00	112900	12 1.4
Aurora 4.0								01.95- 01.02	112904	12 1.7
Bravada 4.2								01.02- 01.03	112905	12 1.6
Bravada 4.3		01.94- 01.95	112613	14	105			01.01- 01.01	112241	12 1.5
		01.98- 01.00	112665	14	100			01.96- 01.00	112240	12 1.7
		01.91- 01.94	110500	14	100/105			01.91- 01.94	111034	12 1.2
Calais 2.3		01.87- 01.87	110499	14	100/105					
		01.87- 01.87	112448	14	100					
Calais 2.5		01.85- 01.87	110471	14	94					
Calais 2.5 Supreme		01.85- 01.87	110471	14	94					
Calais 3.0		01.87- 01.87	110502	14	100/105			01.85- 01.87	110221	12 1.2
		01.85- 01.86	110471	14	94					
Calais 3.0 Supreme		01.87- 01.87	110502	14	100/105			01.85- 01.87	110221	12 1.2
		01.85- 01.86	110471	14	94					
Ciera 2.2 SL		01.95- 01.96	110500	14	100/105			01.95- 01.96	112911	12 1.6
Ciera 3.1 Cruiser SL								01.95- 01.95	112911	12 1.6
Ciera 3.1 SL								01.95- 01.96	112911	12 1.6

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**OLDSMOBILE** *Continued*

Custom Cruiser 5.0	01.91- 12.91	110500	14	100/105			
	01.91- 01.92	112640	14	100/105			
	01.91- 01.92	112629	14	100/105			
	01.84- 01.90	110508	14	78			
	01.80- 01.83	110235	14	80			
Custom Cruiser 5.7	01.80- 01.83	110505	14	75			
	01.92- 01.92	112640	14	100/105	01.92- 01.92	110216	12 1.4
	01.73- 01.80	110505	14	75	01.77- 01.80	110218	12
	01.91- 01.92	112629	14	100/105			
	01.84- 01.85	110471	14	94			
Custom Cruiser 5.7	01.84- 01.85	110508	14	78			
	01.78- 01.83	110505	14	75			
	01.80- 01.83	110235	14	80			
	01.75- 01.79	110505	14	75	01.75- 01.79	110218	12
Custom Cruiser 7.5	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12
	01.72- 01.76	110233	14	63			
Cutlass 2.2 Ciera Cruiser S	01.71- 01.71	110075	14	60			
	01.93- 01.93	110500	14	100/105	01.93- 01.93	112911	12 1.6
	01.93- 01.94	110500	14	100/105	01.93- 01.94	112911	12 1.6
Cutlass 2.2 Ciera S	01.88- 01.91	110499	14	100/105			
	01.88- 01.91	112448	14	100			
Cutlass 2.3 Calais	01.88- 01.91	110499	14	100/105			
	01.88- 01.91	112448	14	100			
Cutlass 2.3 Calais International	01.89- 01.91	110499	14	100/105			
	01.89- 01.91	112448	14	100			
Cutlass 2.3 Calais S	01.88- 01.91	110499	14	100/105			
	01.88- 01.91	112448	14	100			
Cutlass 2.3 Calais SL	01.89- 01.91	110499	14	100/105			
	01.88- 01.91	112448	14	100			
Cutlass 2.5 Ciera	01.82- 01.92	110505	14	75	01.86- 01.92	110221	12 1.2
	01.83- 01.92	110471	14	94			
	01.82- 01.82	110235	14	80			
Cutlass 2.5 Ciera Brougham	01.82- 01.86	110505	14	75	01.87- 01.88	110221	12 1.2
	01.83- 01.86	110471	14	94			
	01.87- 01.88	110499	14	100/105			
	01.87- 01.88	112448	14	100			
Cutlass 2.5 Ciera Cruiser	01.82- 01.82	110235	14	80			
	01.84- 01.86	110471	14	94	01.84- 01.90	110221	12 1.2
	01.84- 01.86	110505	14	75	01.84- 01.86	112911	12 1.6
	01.87- 01.90	110499	14	100/105			
Cutlass 2.5 Ciera Cruiser Brougham	01.87- 01.90	112448	14	100			
	01.87- 01.88	110499	14	100/105	01.87- 01.88	110221	12 1.2
Cutlass 2.5 Ciera Cruiser S	01.87- 01.88	112448	14	100			
	01.91- 01.92	110499	14	100/105	01.91- 01.92	110221	12 1.2
Cutlass 2.5 Ciera Cruiser SL	01.91- 01.92	112448	14	100			
	01.89- 01.89	110499	14	100/105	01.89- 01.89	110221	12 1.2
Cutlass 2.5 Ciera LS	01.89- 01.89	112448	14	100			
	01.82- 01.85	110505	14	75			
	01.83- 01.85	110471	14	94			
Cutlass 2.5 Ciera S	01.82- 01.82	110235	14	80			
	01.87- 01.91	110499	14	100/105	01.87- 01.91	110221	12 1.2
	01.87- 01.91	112448	14	100			
Cutlass 2.5 Ciera SL	01.87- 01.89	110499	14	100/105	01.87- 01.89	110221	12 1.2
	01.87- 01.89	112448	14	100			
Cutlass 2.8 Ciera	01.82- 01.89	110508	14	78	01.86- 01.89	112911	12 1.6
	01.86- 01.89	110471	14	94			
	01.85- 01.89	110492	14	108			
	01.82- 01.82	110505	14	75			
Cutlass 2.8 Ciera Brougham	01.82- 01.88	110508	14	78	01.83- 01.88	112911	12 1.6
	01.85- 01.88	110471	14	94			
	01.85- 01.88	110492	14	108			
	01.82- 01.84	110505	14	75			
Cutlass 2.8 Ciera Cruiser	01.86- 01.89	110492	14	108	01.84- 01.89	112911	12 1.6
	01.86- 01.89	110471	14	94			
	01.84- 01.89	110508	14	78			
	01.84- 01.85	110505	14	75			
Cutlass 2.8 Ciera Cruiser Brougham	01.87- 01.88	111388	14	100/105	01.87- 01.88	112911	12 1.6
Cutlass 2.8 Ciera Cruiser SL	01.89- 01.89	111388	14	100/105	01.89- 01.89	112911	12 1.6
Cutlass 2.8 Ciera LS	01.85- 01.85	110471	14	94	01.83- 01.85	112911	12 1.6
	01.85- 01.85	110492	14	108			
	01.82- 01.85	110508	14	78			
	01.82- 01.84	110505	14	75			
Cutlass 2.8 Ciera S	01.87- 01.87	111388	14	100/105	01.87- 01.87	112911	12 1.6
Cutlass 2.8 Ciera SL	01.87- 01.89	111388	14	100/105	01.87- 01.89	112911	12 1.6
Cutlass 2.8 Supreme					01.88- 01.89	112911	12 1.6
Cutlass 2.8 Supreme International					01.88- 01.89	112911	12 1.6
Cutlass 2.8 Supreme SL					01.88- 01.89	112911	12 1.6
Cutlass 3.0 Calais International	01.88- 01.88	110502	14	100/105	01.88- 01.88	110221	12 1.2
Cutlass 3.0 Calais SL	01.88- 01.88	110502	14	100/105	01.88- 01.88	110221	12 1.2
Cutlass 3.0 Ciera	01.82- 01.82	110505	14	75	01.82- 01.82	110221	12 1.2
	01.82- 01.82	110235	14	80			
	01.83-	110471	14	94			
Cutlass 3.0 Ciera Brougham	01.82- 01.85	110505	14	75	01.82- 01.85	110221	12 1.2
	01.84- 01.85	110492	14	108			
	01.82- 01.85	110235	14	80			
Cutlass 3.0 Ciera Cruiser	01.84- 01.85	110505	14	75	01.84- 01.85	110221	12 1.2
	01.84- 01.85	110492	14	108			
	01.84- 01.85	110235	14	80			
Cutlass 3.0 Ciera LS	01.82- 01.85	110235	14	80	01.82- 01.85	110221	12 1.2
	01.82- 01.85	110505	14	75			
	01.84- 01.85	110492	14	108			
Cutlass 3.1					01.97- 01.99	112900	12 1.4
Cutlass 3.1 Ciera Cruiser S					01.94- 01.94	112911	12 1.6
Cutlass 3.1 Ciera S					01.94- 01.94	112911	12 1.6
Cutlass 3.1 Ciera SL					01.94- 01.94	112911	12 1.6
Cutlass 3.1 GLS					01.97- 01.97	112900	12 1.4
Cutlass 3.1 Supreme					01.89- 01.95	112911	12 1.6
Cutlass 3.1 Supreme International					01.89- 01.93	112911	12 1.6

## STARTERS & ALTERNATORS



Cutlass 3.1 Supreme S						01.92- 01.94	112911	12	1.6	
Cutlass 3.1 Supreme SL						01.89- 01.97	112911	12	1.6	
Cutlass 3.3 Calais S						01.89- 01.89	110221	12	1.2	
Cutlass 3.3 Calais SL						01.89- 01.91	110221	12	1.2	
Cutlass 3.3 Ciera						01.89- 01.92	110221	12	1.2	
Cutlass 3.3 Ciera Cruiser						01.89- 01.90	110221	12	1.2	
Cutlass 3.3 Ciera Cruiser S						01.91- 01.93	110221	12	1.2	
Cutlass 3.3 Ciera Cruiser SL						01.89- 01.93	110221	12	1.2	
Cutlass 3.3 Ciera International						01.89- 01.90	110221	12	1.2	
Cutlass 3.3 Ciera S						01.90- 01.93	110221	12	1.2	
Cutlass 3.3 Ciera SL						01.89- 01.93	110221	12	1.2	
Cutlass 3.4 Supreme S						01.92- 01.94	110499	14	100/105	
						01.92- 01.94	112448	14	100	
Cutlass 3.4 Supreme SL										
Cutlass 3.5						01.62- 01.63	110075	14	60	
Cutlass 3.8						01.77- 01.81	110505	14	75	
						01.80- 01.81	110235	14	80	
Cutlass 3.8 Brougham						01.80- 01.81	110505	14	75	
						01.80- 01.81	110235	14	80	
Cutlass 3.8 Calais						01.82- 01.84	110235	14	80	
						01.78- 01.84	110505	14	75	
Cutlass 3.8 Ciera						01.85-	110505	14	75	
						01.85-	110492	14	108	
						01.85-	110471	14	94	
Cutlass 3.8 Ciera Brougham						01.84- 01.85	110492	14	108	
						01.84- 01.85	110471	14	94	
						01.84- 01.85	110505	14	75	
						01.87- 01.88	111090	14	105	
Cutlass 3.8 Ciera Cruiser						01.84- 01.85	110505	14	75	
						01.84- 01.85	110471	14	94	
						01.84- 01.85	110492	14	108	
						01.87- 01.88	111090	14	105	
Cutlass 3.8 Ciera Cruiser Brougham						01.87- 01.88	111090	14	105	
							01.87- 01.88	110221	12	1.2
Cutlass 3.8 Ciera International						01.88- 01.88	111090	14	105	
							01.88- 01.88	110221	12	1.2
Cutlass 3.8 Ciera LS						01.84- 01.85	110492	14	108	
						01.84- 01.85	110471	14	94	
						01.84- 01.85	110505	14	75	
Cutlass 3.8 Ciera S						01.87- 01.87	111090	14	105	
							01.87- 01.87	110221	12	1.2
Cutlass 3.8 Ciera SL						01.87- 01.88	111090	14	105	
							01.87- 01.88	110221	12	1.2
Cutlass 3.8 Cruiser						01.78- 01.83	110505	14	75	
						01.83- 01.83	110235	14	80	
						01.83- 01.83	110508	14	78	
						01.83- 01.83	110471	14	94	
Cutlass 3.8 Cruiser Brougham						01.80- 01.81	110505	14	75	
						01.80- 01.81	110235	14	80	
Cutlass 3.8 LS						01.80- 01.81	110505	14	75	
						01.80- 01.81	110235	14	80	
Cutlass 3.8 S						01.77- 01.77	110505	14	75	
Cutlass 3.8 Salon						01.78- 01.87	110505	14	75	
						01.85- 01.87	110235	14	80	
						01.85- 01.87	110471	14	94	
Cutlass 3.8 Salon Brougham						01.78- 01.80	110505	14	75	
Cutlass 3.8 Supreme						01.82- 01.87	110235	14	80	
						01.77- 01.87	110505	14	75	
Cutlass 3.8 Supreme Brougham						01.82- 01.87	110235	14	80	
						01.77- 01.87	110505	14	75	
Cutlass 4.1						01.75- 01.75	110505	14	75	
						01.68- 01.71	110075	14	60	
Cutlass 4.1 S						01.75- 01.76	110505	14	75	
						01.71- 01.71	110075	14	60	
Cutlass 4.1 Supreme						01.75- 01.76	110505	14	75	
							01.75- 01.76	110216	12	1.4
Cutlass 4.1 Supreme Brougham						01.76- 01.76	110505	14	75	
							01.76- 01.76	110216	12	1.4
Cutlass 4.3						01.75- 01.81	110505	14	75	
						01.80- 01.81	110235	14	80	
Cutlass 4.3 Brougham						01.80- 01.81	110505	14	75	
						01.80- 01.81	110235	14	80	
Cutlass 4.3 Calais						01.78- 01.82	110505	14	75	
						01.82- 01.82	110235	14	80	
Cutlass 4.3 Cruiser						01.78- 01.82	110505	14	75	
						01.82- 01.82	110235	14	80	
Cutlass 4.3 Cruiser Brougham						01.80- 01.81	110505	14	75	
						01.80- 01.81	110235	14	80	
Cutlass 4.3 LS						01.80- 01.81	110505	14	75	
						01.80- 01.81	110235	14	80	
Cutlass 4.3 S						01.75- 01.77	110505	14	75	
Cutlass 4.3 Salon						01.75- 01.80	110505	14	75	
						01.80- 01.80	110235	14	80	
Cutlass 4.3 Salon Brougham						01.78- 01.80	110505	14	75	
						01.75- 01.82	110505	14	75	
Cutlass 4.3 Supreme						01.80- 01.82	110235	14	80	
						01.80- 01.82	110235	14	80	
Cutlass 4.3 Supreme Brougham						01.80- 01.82	110235	14	80	
						01.76- 01.82	110505	14	75	
Cutlass 4.3 Calais						01.79- 01.83	110505	14	75	
						01.79- 01.83	110233	14	63	
						01.82- 01.83	110235	14	80	
						01.84- 01.84	110471	14	94	
Cutlass 4.3 Ciera						01.82- 01.82	110233	14	63	
						01.82- 01.82	110235	14	80	
						01.82- 01.82	110505	14	75	
Cutlass 4.3 Ciera Brougham						01.84- 01.85	110471	14	94	
						01.82- 01.85	110505	14	75	
						01.82- 01.85	110233	14	63	
						01.82- 01.83	110235	14	80	
Cutlass 4.3 Ciera Cruiser						01.84- 01.85	110471	14	94	
						01.84- 01.85	110505	14	75	
						01.84- 01.85	110233	14	63	

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





Application list

**OLDSMOBILE** *Continued*

Cutlass 4.3 Ciera LS	01.84- 01.85	110471	14	94			
	01.82- 01.85	110505	14	75			
	01.82- 01.85	110233	14	63			
	01.82- 01.83	110235	14	80			
Cutlass 4.3 Cruiser	01.79- 01.79	110505	14	75			
	01.79- 01.79	110233	14	63			
Cutlass 4.3 Salon	01.79- 01.79	110505	14	75			
	01.79- 01.79	110233	14	63			
Cutlass 4.3 Supreme	01.84- 01.84	110471	14	94			
	01.79- 01.83	110505	14	75			
	01.79- 01.83	110233	14	63			
	01.82- 01.83	110235	14	80			
Cutlass 4.3 Supreme Brougham	01.84- 01.85	110471	14	94			
	01.79- 01.83	110505	14	75			
	01.79- 01.83	110233	14	63			
	01.82- 01.83	110235	14	80			
Cutlass 4.4 Brougham	01.81-	110235	14	80			
	01.81-	110505	14	75			
Cutlass 4.4 Calais	01.82- 01.82	110505	14	75			
	01.82- 01.82	110235	14	80			
Cutlass 4.4 Cruiser	01.82- 01.82	110235	14	80			
	01.82- 01.82	110505	14	75			
Cutlass 4.4 LS	01.81-	110505	14	75			
	01.81-	110235	14	80			
Cutlass 4.4 Supreme	01.81- 01.82	110235	14	80			
	01.81- 01.82	110505	14	75			
Cutlass 4.4 Supreme Brougham	01.82- 01.82	110505	14	75			
	01.82- 01.82	110235	14	80			
Cutlass 5.0	01.80- 01.80	110505	14	75	01.80- 01.80	110216	12 1.4
	01.80- 01.80	110235	14	80	01.80- 01.80	110414	12
	01.91- 01.92	112629	14	100/105			
	01.85-	110508	14	78			
Cutlass 5.0 Brougham	01.86-	110471	14	94			
	01.80- 01.80	110505	14	75	01.80- 01.80	110216	12 1.4
Cutlass 5.0 Calais	01.80- 01.80	110235	14	80	01.80- 01.80	110414	12
	01.78- 01.83	110505	14	75	01.78- 01.80	110414	12
Cutlass 5.0 Cruiser	01.82- 01.83	110235	14	80			
	01.83- 01.84	110471	14	94			
	01.83- 01.84	110508	14	78			
	01.78- 01.83	110505	14	75	01.78- 01.83	110414	12
Cutlass 5.0 Cruiser Brougham	01.83- 01.83	110471	14	94			
	01.81- 01.83	110235	14	80			
Cutlass 5.0 LS	01.80- 01.81	110235	14	80	01.80- 01.80	110414	12
	01.80- 01.81	110505	14	75	01.80- 01.80	110216	12 1.4
Cutlass 5.0 Salon	01.80- 01.80	110235	14	80	01.80- 01.80	110414	12
	01.80- 01.80	110505	14	75	01.78- 01.80	110414	12
Cutlass 5.0 Salon Brougham	01.85- 01.87	110508	14	78			
	01.85- 01.87	110471	14	94			
	01.78- 01.80	110505	14	75	01.78- 01.80	110414	12
	01.78- 01.80	110235	14	80	01.78- 01.80	110414	12
Cutlass 5.0 Supreme	01.84- 01.87	110508	14	78			
	01.78- 01.83	110505	14	75	01.78- 01.80	110414	12
	01.82- 01.83	110235	14	80			
	01.83- 01.87	110471	14	94			
Cutlass 5.0 Supreme Brougham	01.84- 01.87	110508	14	78	01.78- 01.80	110414	12
	01.78- 01.83	110505	14	75			
Cutlass 5.0 Supreme Classic	01.82- 01.83	110235	14	80			
	01.83- 01.87	110471	14	94			
Cutlass 5.0 Supreme Classic Brougham	01.84- 01.87	110508	14	78	01.78- 01.80	110414	12
	01.78- 01.83	110505	14	75			
Cutlass 5.4	01.88- 01.88	110471	14	94			
	01.88- 01.88	110471	14	94			
Cutlass 5.4 Holiday	01.64- 01.67	110075	14	60			
	01.64- 01.67	110075	14	60			
Cutlass 5.7	01.68- 01.80	110505	14	75	01.80- 01.80	110218	12
	01.68- 01.75	110233	14	63			
	01.68- 01.71	110075	14	60			
	01.80- 01.80	110235	14	80			
Cutlass 5.7 Brougham	01.91- 01.92	112629	14	100/105			
	01.80- 01.80	110235	14	80	01.80- 01.80	110218	12
Cutlass 5.7 Calais	01.80- 01.80	110505	14	75			
	01.79- 01.80	110505	14	75	01.79- 01.80	110218	12
Cutlass 5.7 Cruiser	01.78- 01.79	110505	14	75	01.79- 01.79	110218	12
					01.78- 01.79	111258	12
					01.78- 01.79	110216	12 1.4
Cutlass 5.7 Cruiser Brougham	01.80- 01.80	110505	14	75	01.80- 01.80	110218	12
	01.80- 01.80	110235	14	80			
Cutlass 5.7 LS	01.80- 01.80	110505	14	75	01.80- 01.80	110218	12
	01.80- 01.80	110235	14	80			
Cutlass 5.7 S	01.71- 01.77	110505	14	75	01.76- 01.77	111258	12
	01.71- 01.75	110233	14	63	01.76- 01.77	110218	12
	01.71- 01.71	110075	14	60			
Cutlass 5.7 Salon	01.75- 01.79	110505	14	75	01.76- 01.79	110218	12
					01.76- 01.79	111258	12
Cutlass 5.7 Supreme	01.91- 01.92	112629	14	100/105	01.76- 01.80	110218	12
	01.80- 01.80	110235	14	80	01.76- 01.79	111258	12
	01.72- 01.80	110505	14	75			
	01.72- 01.75	110233	14	63			
Cutlass 5.7 Supreme Brougham	01.80- 01.80	110235	14	80	01.76- 01.80	110218	12
	01.76- 01.80	110505	14	75	01.76- 01.79	111258	12
Cutlass 5.7 Supreme Cruiser	01.74- 01.75	110505	14	75			
Cutlass 5.7 Brougham	01.80- 01.81	110233	14	63			
	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Cutlass 5.7 Brougham	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
	01.80- 01.81	110233	14	63			

**STARTERS & ALTERNATORS**



Cutlass 5.7 Calais	01.80- 01.83	110505	14	75			
	01.80- 01.82	110235	14	80			
	01.80- 01.82	110233	14	63			
	01.83- 01.84	110471	14	94			
	01.83- 01.84	110508	14	78			
Cutlass 5.7 Cruiser	01.79- 01.83	110505	14	75			
	01.79- 01.82	110233	14	63			
	01.83- 01.83	110508	14	78			
	01.83- 01.83	110471	14	94			
	01.80- 01.82	110235	14	80			
Cutlass 5.7 Cruiser Brougham	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
	01.80- 01.81	110233	14	63			
Cutlass 5.7 LS	01.80- 01.81	110233	14	63			
	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Cutlass 5.7 Salon	01.80- 01.80	110505	14	75			
	01.80- 01.80	110235	14	80			
	01.80- 01.80	110233	14	63			
	01.85- 01.85	110471	14	94			
	01.85- 01.85	110508	14	78			
Cutlass 5.7 Supreme	01.83- 01.85	110471	14	94			
	01.83- 01.85	110508	14	78			
	01.79- 01.83	110505	14	75			
	01.79- 01.82	110233	14	63			
	01.80- 01.82	110235	14	80			
Cutlass 5.7 Supreme Brougham	01.83- 01.85	110471	14	94			
	01.83- 01.85	110508	14	78			
	01.79- 01.83	110505	14	75			
	01.80- 01.82	110235	14	80			
	01.79- 01.82	110233	14	63			
Cutlass 6.6	01.68- 01.68	110505	14	75	01.65- 01.68	110218	12
	01.65- 01.68	110075	14	60			
Cutlass 6.6 S	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12
Cutlass 6.6 Salon	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12
Cutlass 6.6 Supreme	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12
Cutlass 6.6 Supreme Brougham	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12
Cutlass 6.6 Turnpike Cruiser	01.67- 01.67	110075	14	60	01.67- 01.67	110218	12
Cutlass 7.5	01.70- 01.75	110505	14	75	01.70- 01.75	110218	12
Cutlass 7.5 S	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12
Cutlass 7.5 Salon	01.75- 01.76	110505	14	75	01.75- 01.76	110218	12
Cutlass 7.5 Supreme	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12
Cutlass 7.5 Supreme Brougham	01.76- 01.76	110505	14	75	01.76- 01.76	110218	12
Cutlass 7.5 Supreme Cruiser	01.74- 01.76	110505	14	75	01.74- 01.76	110218	12
Delmont 5.7 88	01.68- 01.68	110075	14	60			
Delmont 88 5.4	01.67- 01.67	110075	14	60			
Delmont 88 5.4 Holiday	01.67- 01.67	110075	14	60			
Delmont 88 7.0	01.67- 01.67	110075	14	60	01.67- 01.67	110218	12
Delmont 88 7.0 Holiday	01.67- 01.67	110075	14	60	01.67- 01.67	110218	12
Delta 4.4 88	01.82- 01.82	110235	14	80	01.82- 01.82	110414	12
	01.82- 01.82	110505	14	75			
Delta 4.4 88 Royale	01.81-	110505	14	75			
	01.81-	110235	14	80			
Delta 4.4 88 Royale Brougham	01.81-	110505	14	75			
	01.81-	110235	14	80			
Delta 88 3.0 Royale					01.86- 01.86	110221	12 1.2
Delta 88 3.0 Royale Brougham					01.86- 01.86	110221	12 1.2
Delta 88 3.8	01.77- 01.83	110505	14	75			
	01.83- 01.83	110508	14	78			
	01.83- 01.83	110471	14	94			
	01.83- 01.83	110235	14	80			
	01.88- 01.94	111220	14	105	01.96- 01.98	112898	12 1.6
Delta 88 3.8 Royale	01.88- 01.94	112636	14	100/105	01.86- 01.95	110221	12 1.2
	01.77- 01.85	110505	14	75			
	01.83- 01.85	110235	14	80			
	01.83- 01.85	110471	14	94			
	01.83- 01.85	110508	14	78			
	01.88- 01.91	111220	14	105	01.86- 01.91	110221	12 1.2
Delta 88 3.8 Royale Brougham	01.88- 01.91	112636	14	100/105			
	01.80- 01.85	110505	14	75			
	01.80- 01.85	110235	14	80			
	01.83- 01.85	110471	14	94			
	01.83- 01.85	110508	14	78			
Delta 88 3.8 Royale Brougham LS	01.84- 01.84	110471	14	94			
	01.84- 01.84	110505	14	75			
	01.84- 01.84	110508	14	78			
Delta 88 3.8 Royale LS	01.92- 01.94	111220	14	105	01.96- 01.98	112898	12 1.6
	01.92- 01.94	112636	14	100/105	01.92- 01.95	110221	12 1.2
Delta 88 3.8 Royale LSS					01.95- 01.95	110221	12 1.2
Delta 88 3.8 Super Royale LS					01.95- 01.95	112898	12 1.6
Delta 88 3.8 Super Royale LSS					01.95- 01.95	112898	12 1.6
Delta 88 4.3	01.77- 01.82	110505	14	75			
	01.80- 01.82	110235	14	80			
Delta 88 4.3 Royale	01.77- 01.82	110505	14	75			
	01.80- 01.82	110235	14	80			
Delta 88 4.3 Royale Brougham	01.80- 01.82	110505	14	75			
	01.80- 01.82	110235	14	80			
Delta 88 4.4 Royale	01.82- 01.82	110235	14	80	01.82- 01.82	110414	12
	01.82- 01.82	110505	14	75			
Delta 88 4.4 Royale Brougham	01.82- 01.82	110505	14	75	01.82- 01.82	110414	12
	01.82- 01.82	110235	14	80			
Delta 88 4.9	01.79- 01.79	110505	14	75			
Delta 88 4.9 Royale	01.79- 01.79	110505	14	75			
Delta 88 5.0	01.80- 01.83	110505	14	75			
	01.80- 01.83	110235	14	80			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**OLDSMOBILE** *Continued*

Delta 88 5.0 Royale	01.84- 01.85	110508	14 78				
	01.80- 01.83	110235	14 80			01.80- 01.81	110414 12
	01.80- 01.83	110505	14 75				
Delta 88 5.0 Royale Brougham	01.84- 01.85	110508	14 78				
	01.80- 01.83	110235	14 80				
	01.80- 01.83	110505	14 75				
Delta 88 5.0 Royale Brougham LS	01.84- 01.85	110508	14 78				
Delta 88 5.4	01.67- 01.67	110075	14 60				
Delta 88 5.4 Holiday	01.67- 01.67	110075	14 60				
Delta 88 5.7	01.68- 01.80	110505	14 75			01.77- 01.77	110216 12 1.4
	01.80- 01.80	110235	14 80			01.80- 01.80	110218 12
	01.91- 01.92	112629	14 100/105				
	01.72- 01.75	110233	14 63				
	01.68- 01.71	110075	14 60				
Delta 88 5.7 Custom	01.68- 01.70	110075	14 60				
	01.68- 01.70	110505	14 75				
Delta 88 5.7 Royale	01.70- 01.80	110505	14 75			01.80- 01.80	110218 12
	01.80- 01.80	110235	14 80			01.77- 01.77	110216 12 1.4
	01.91- 01.92	112629	14 100/105				
	01.72- 01.75	110233	14 63				
	01.70- 01.70	110075	14 60				
Delta 88 5.7 Royale Brougham	01.80- 01.80	110505	14 75			01.80- 01.80	110218 12
	01.80- 01.80	110235	14 80				
Delta 88 5.7	01.78- 01.83	110505	14 75				
	01.83- 01.83	110471	14 94				
	01.80- 01.82	110235	14 80				
Delta 88 5.7 Royale	01.83- 01.85	110471	14 94				
	01.84- 01.85	110508	14 78				
	01.78- 01.83	110505	14 75				
	01.80- 01.82	110235	14 80				
Delta 88 5.7 Royale Brougham	01.83- 01.85	110471	14 94				
	01.84- 01.85	110508	14 78				
	01.80- 01.83	110505	14 75				
	01.80- 01.82	110235	14 80				
Delta 88 5.7 Royale Brougham LS	01.84- 01.85	110508	14 78				
	01.84- 01.85	110471	14 94				
Delta 88 6.6	01.75- 01.79	110505	14 75			01.77- 01.79	110218 12
Delta 88 6.6 Royale	01.75- 01.79	110505	14 75			01.77- 01.79	110218 12
Delta 88 7.0	01.65- 01.67	110075	14 60			01.65- 01.67	110218 12
Delta 88 7.0 Holiday	01.65- 01.67	110075	14 60			01.65- 01.67	110218 12
Delta 88 7.5	01.72- 01.76	110505	14 75			01.68- 01.76	110218 12
	01.72- 01.76	110233	14 63				
	01.68- 01.71	110075	14 60				
Delta 88 7.5 Custom	01.68- 01.71	110075	14 60			01.68- 01.71	110218 12
Delta 88 7.5 Royale	01.70- 01.76	110505	14 75			01.70- 01.76	110218 12
	01.72- 01.76	110233	14 63				
	01.70- 01.71	110075	14 60				
Dynamic 6.5	01.60- 01.64	110075	14 60				
Dynamic 7.0	01.65- 01.66	110075	14 60			01.65- 01.66	110218 12
Dynamic 7.0 Holiday	01.65- 01.66	110075	14 60			01.65- 01.66	110218 12
F 85 3.5	01.61- 01.63	110075	14 60				
F 85 3.7	01.64- 01.65	110075	14 60				
F 85 4.1	01.66- 01.71	110075	14 60				
F 85 4.1 Holiday	01.66- 01.66	110075	14 60				
F 85 5.4	01.64- 01.67	110075	14 60				
F 85 5.4 Holiday	01.66- 01.66	110075	14 60				
F 85 5.7	01.68- 01.72	110233	14 63				
	01.68- 01.72	110505	14 75				
	01.68- 01.71	110075	14 60				
F 85 6.6	01.65- 01.66	110075	14 60			01.65- 01.66	110218 12
F 85 7.5	01.72- 01.72	110233	14 63			01.70- 01.72	110218 12
	01.72- 01.72	110505	14 75				
	01.70- 01.70	110075	14 60				
Fiesta 6.5	01.63- 01.63	110075	14 60				
Firenza 1.8	01.82- 01.86	110235	14 80				
	01.82- 01.86	110505	14 75				
Firenza 1.8 LC	01.86- 01.86	110508	14 78				
	01.86- 01.86	110471	14 94				
Firenza 1.8 LX	01.82- 01.86	110235	14 80				
Firenza 1.8 S	01.82- 01.86	110505	14 75				
	01.82- 01.86	110235	14 80				
Firenza 1.8 SX	01.82- 01.86	110505	14 75				
	01.82- 01.85	110235	14 80				
Firenza 2.0	01.83- 01.86	110492	14 108				
Firenza 2.0 LC	01.86- 01.86	110492	14 108				
Firenza 2.0 LX	01.83- 01.86	110492	14 108				
Firenza 2.0 S	01.83- 01.86	110492	14 108			01.83- 01.86	112911 12 1.6
Firenza 2.0 SX	01.83- 01.85	110492	14 108				
Firenza 2.8	01.85- 01.85	110471	14 94			01.85- 01.85	112911 12 1.6
	01.85- 01.85	110505	14 75				
Firenza 2.8 GT	01.86- 01.87	110471	14 94			01.86- 01.87	112911 12 1.6
	01.86- 01.87	110505	14 75				
Firenza 2.8 LX	01.85- 01.85	110505	14 75			01.85- 01.85	112911 12 1.6
	01.85- 01.85	110471	14 94				
Firenza 2.8 S	01.85- 01.85	110505	14 75			01.85- 01.85	112911 12 1.6
	01.85- 01.85	110471	14 94				
Firenza 2.8 SX	01.85- 01.85	110505	14 75			01.85- 01.85	112911 12 1.6
	01.85- 01.85	110471	14 94				
Jetstar 5.4 88	01.64- 01.66	110075	14 60				
Jetstar 5.4 88 Holiday	01.64- 01.66	110075	14 60				
Jetstar 6.5 88	01.64- 01.64	110075	14 60				
Jetstar 6.5 88 Holiday	01.64- 01.64	110075	14 60				
Jetstar 7.0 88	01.65- 01.65	110075	14 60			01.65- 01.65	110218 12
Jetstar 7.0 88 Holiday	01.65- 01.65	110075	14 60			01.65- 01.65	110218 12
LSS 3.8						01.96- 01.98	112898 12 1.6

## STARTERS & ALTERNATORS



LSS 3.8 Super					01.96- 01.99	112898	12	1.6
Omega 2.5	01.83-	110471	14	94	01.80- 01.82	110221	12	1.2
	01.80- 01.84	110235	14	80				
	01.80- 01.84	110505	14	75				
	01.83- 01.84	110508	14	78				
Omega 2.5 Brougham	01.80- 01.84	110505	14	75	01.80- 01.82	110221	12	1.2
	01.80- 01.84	110235	14	80				
	01.83- 01.84	110508	14	78				
	01.83-	110471	14	94				
Omega 2.8	01.80- 01.84	110505	14	75	01.80- 01.84	110221	12	1.2
	01.80- 01.84	110235	14	80				
Omega 2.8 Brougham	01.80- 01.84	110505	14	75	01.82- 01.84	112911	12	1.6
	01.80- 01.84	110235	14	80	01.80- 01.84	110221	12	1.2
	01.83- 01.84	110508	14	78				
	01.83-	110471	14	94				
Omega 3.8	01.77- 01.79	110505	14	75				
Omega 3.8 Brougham	01.77- 01.79	110505	14	75				
Omega 3.8 F85	01.77- 01.77	110505	14	75				
Omega 4.1	01.73- 01.76	110505	14	75				
Omega 4.1 Brougham	01.76- 01.76	110505	14	75	01.76- 01.76	110216	12	1.4
Omega 4.1 F85	01.76-	110505	14	75	01.76-	110216	12	1.4
Omega 4.1 Salon	01.75- 01.75	110505	14	75	01.75- 01.75	110216	12	1.4
Omega 4.3	01.75- 01.77	110505	14	75				
Omega 4.3 Brougham	01.76- 01.77	110505	14	75				
Omega 4.3 F85	01.76-	110505	14	75				
Omega 4.3 Salon	01.75- 01.75	110505	14	75				
Omega 5.0	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12	1.4
Omega 5.0 Brougham	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12	1.4
Omega 5.0 F85	01.77- 01.77	110505	14	75	01.77- 01.77	110216	12	1.4
Omega 5.7	01.73- 01.79	110505	14	75	01.77- 01.77	110218	12	
	01.75- 01.76	110233	14	63	01.77- 01.79	111258	12	
					01.77- 01.79	110216	12	1.4
Omega 5.7 Brougham	01.76- 01.79	110505	14	75	01.77- 01.79	111258	12	
	01.76- 01.76	110233	14	63	01.77- 01.79	110216	12	1.4
					01.77- 01.77	110218	12	
Omega 5.7 F85	01.76- 01.76	110233	14	63	01.77- 01.77	110216	12	1.4
	01.76- 01.77	110505	14	75	01.77- 01.77	111258	12	
	01.91- 01.92	112629	14	100/105				
Omega 5.7 Salon	01.75- 01.75	110233	14	63				
	01.75- 01.75	110505	14	75				
Regency 3.8	01.88- 01.90	112636	14	100/105	01.97- 01.98	112898	12	1.6
Silhouette 3.1	01.90- 01.94	111388	14	100/105	01.90- 01.94	112911	12	1.6
Silhouette 3.4					01.97- 01.00	112900	12	1.4
					01.96- 01.96	112911	12	1.6
Silhouette 3.8	01.92- 01.95	111220	14	105	01.92- 01.95	110221	12	1.2
	01.92- 01.95	112884	14	140				
	01.92- 01.95	112636	14	100/105				
Starfire 2.3	01.76- 01.77	110492	14	108				
	01.76- 01.77	110505	14	75				
	01.76- 01.77	110233	14	63				
Starfire 2.3 SX	01.76- 01.77	110233	14	63				
	01.76- 01.77	110505	14	75				
	01.76- 01.77	110492	14	108				
Starfire 2.5	01.78- 01.80	110505	14	75	01.78- 01.80	110414	12	
Starfire 2.5 SX	01.78- 01.80	110505	14	75	01.78- 01.80	110414	12	
Starfire 3.8	01.75- 01.80	110505	14	75				
Starfire 3.8 SX	01.76- 01.80	110505	14	75				
Starfire 5.0	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12	1.4
Starfire 5.0 SX	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12	1.4
Starfire 6.5	01.61- 01.64	110075	14	60				
Starfire 7.0	01.65- 01.66	110075	14	60	01.65- 01.66	110218	12	
Super 88 6.5	01.60- 01.64	110075	14	60				
Toronado 3.8					01.88- 01.92	110221	12	1.2
Toronado 3.8 Brougham	01.86- 01.86	110235	14	80				
Toronado 3.8 Trofeo					01.88- 01.92	110221	12	1.2
Toronado 4.1	01.84-	110235	14	80				
	01.84-	110492	14	108				
Toronado 4.1 Brougham	01.81- 01.84	110235	14	80				
Toronado 5.0	01.91- 01.93	112629	14	100/105				
	01.80-	110235	14	80				
	01.80-	110505	14	75				
	01.84-	110508	14	78				
Toronado 5.0 Brougham	01.80- 01.85	110235	14	80				
	01.80- 01.85	110505	14	75				
Toronado 5.7	01.91- 01.92	112629	14	100/105				
	01.79-	110505	14	75				
	01.80-	110235	14	80				
Toronado 5.7 Brougham	01.79- 01.80	110505	14	75				
Toronado 5.7 XSR	01.91- 01.92	112629	14	100/105				
Toronado 5.7	01.91- 01.92	112629	14	100/105				
	01.79-	110505	14	75				
	01.80-	110235	14	80				
	01.84-	110508	14	78				
Toronado 5.7 Brougham	01.85-	110471	14	94				
Toronado 5.7 Brougham	01.79- 01.85	110505	14	75				
Toronado 6.6	01.78- 01.78	110505	14	75	01.78- 01.78	110216	12	1.4
Toronado 6.6 Brougham	01.77- 01.78	110505	14	75	01.77- 01.78	110216	12	1.4
Toronado 6.6 XSR	01.77- 01.77	110505	14	75	01.77- 01.77	110216	12	1.4
Toronado 7.0	01.66- 01.67	110075	14	60				
Toronado 7.5	01.68- 01.76	110505	14	75	01.68- 01.76	110216	12	1.4
Toronado 7.5 Brougham	01.68- 01.71	110075	14	60				
	01.75- 01.76	110505	14	75	01.75- 01.76	110216	12	1.4
Vista 5.7 Cruiser	01.68- 01.77	110505	14	75				
	01.91- 01.92	112629	14	100/105				
	01.72- 01.75	110233	14	63				
Vista 6.6 Cruiser	01.68- 01.71	110075	14	60				
	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12	

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





**OLDSMOBILE** *Continued*

Vista 7.5 Cruiser		01.70- 01.76	110505	14 75		01.70- 01.76	110218	12
		01.72- 01.74	110233	14 63				
		01.70- 01.71	110075	14 60				
Vista Cruiser 3.7		01.64- 01.65	110075	14 60				
Vista Cruiser 5.4		01.64- 01.67	110075	14 60				
<b>OMC</b>								
<b>MARINE</b>								
Marine 2.5		01.84- 01.86	111250	14 42	DR			
Marine 3.0		01.84- 01.87	111250	14 42				
Marine 3.8		01.84- 01.85	111250	14 42				
Marine 4.3		01.84- 01.86	111250	14 42				
Marine 5.0		01.84- 01.86	111250	14 42				
Marine 5.7		01.84- 01.86	111250	14 42				
Various models		01.81- 01.87	111250	14 42			112145	12 0.5
		01.85-	111710	14 65			110216	12 1.4
		01.85-	110540	14 55			112232	12 2.4
		01.85-	110959	14 55			111786	12 1.7
							111277	12
							112157	12
<b>Onan</b>								
<b>MOTORS</b>								
Various models							112567	12
							113476	12
							113141	12 0.8
							112832	12 0.6
							113015	12
<b>Opel</b>								
<b>PASSENGER CARS EU</b>								
Adam 1.2	[A12XEL]	10.12-	114727*	14 130		10.12-	115646	12 1.1
Adam 1.4	[A14XEL]	10.12-	114727*	14 130		10.12-	115646	12 1.1
	[A14XER]	10.12-	114727*	14 130		10.12-	115395	12 1.1
						10.12-	115646	12 1.1
Adam 1.4 S	[B14NEH]	11.14-	114727*	14 130		11.14-	115395	12 1.1
		11.14-	114728	14 100		A25 11.14-	115646	12 1.1
		A25 11.14-	114727*	14 130				
Adam 1.4 LPG	[A14XEL]	07.13-	114727*	14 130		07.13-	115395	12 1.1
		07.13-	114728	14 100		07.13-	115646	12 1.1
Agila 1.0	[K10B]	09.07-	114247	14 75		09.07-	114871	12 1.1
	[Z10XEP]	08.03-	111824	14 70		09.03-	113276	12 1.1
Agila 1.0 i 12V	[Z10XE]	09.00-	111824	14 70		Chas. 19P00894- 09.00-	113276	12 1.1
		Chas. 1G021260- 09.00-	111824	14 70		Chas. -19P00893 09.00-	111123	12 0.9
Agila 1.0 LPG	[K10B]	01.10-	114247	14 75				
Agila 1.2	[K12B]	09.07-	114247	14 75		09.07-	114871	12 1.1
Agila 1.2 16V Twinport	[Z12XEP]	07.04-	111824	14 70		07.04-	111123	12 0.9
						07.04-	113276	12 1.1
Agila 1.2 i 16V	[Z12XE]	09.00-	111824	14 70		09.00-	111123	12 0.9
						09.00-	113276	12 1.1
		Chas. 1G021260- 09.00-	111824	14 70		09.99-	111684	12 1.4
Agila 1.2 LPG	[K12B]	09.07-	114247	14 75				
Agila 1.3 CDTi	[D13A]	09.07-	113720	14 75	A49			
		09.07-	113722	14 90				
		09.07-	116064	14 75				
	[Z13DT]	08.03-	113720	14 75	A49	08.03-	113719	12 1.3
		08.03-	113722	14 90	A49	08.03-	113843	12 1.1
		08.03- 12.07	115963	14 90		08.03- 12.07	115869	12 1.3
		08.03- 12.07	116064	14 75				A49
	[Z13DTJ]	09.07-	113720	14 75	A49			
		09.07-	113722	14 90				
		09.07-	116064	14 75				
Antara 2.0 CDTi	[Z20DMH]	05.06-	115380	14 120		05.06-	114159	12 1.8
	[Z20S]	05.06-	115380	14 120		05.06-	114159	12 1.8
Antara 2.2 CDTi	[A22DM]	12.10-	115761	14 140		12.10-	115571	12 2.2
Antara 2.2 CDTi 4x4	[A22DM]	12.10-	115761	14 140		12.10-	115571	12 2.2
	[A22DMH]	12.10-	115761	14 140		12.10-	115571	12 2.2
Antara 2.4	[Z24XE]					09.08-	111848	12 1.0
	[Z24XED]					05.06-	111848	12 1.0
Antara 2.4 4x4	[Z24XE]					01.07-	111848	12 1.0
Antara 2.4 BiFuel LPG	[Z24XE]					10.08-	111848	12 1.0
Antara 3.2 V6	[10HM]	03.07-	114235	14 120				
	[Z32SEE]	03.07-	114235	14 120				
Arena 1.9 Diesel	[19DJ]	01.97- 12.01	111718	14 75		01.97- 12.01	113481	12 1.4
	[19DL]	01.97- 12.01	111718	14 75		01.97- 12.01	113481	12 1.4
	[F8Q600]	03.98- 08.01	111718	14 75		03.98- 08.01	113481	12 1.4
	[F8Q606]	03.98- 08.01	111718	14 75		03.98- 08.01	113481	12 1.4
Arena 2.5 Diesel	[25DG]	01.97- 12.01	111937	14 75		01.97- 12.01	113134	12 2.2
		01.97- 12.01	112057	14 110				
	[25DM]	01.97- 12.01	111937	14 75		01.97- 12.01	113134	12 2.2
		01.97- 12.01	112057	14 110				
	[S8U780]	03.98- 08.01	111937	14 75		03.98- 08.01	113134	12 2.2
		03.98- 08.01	112057	14 110				
	[S8U782]	03.98- 08.01	111934	14 80				
		03.98- 08.01	112057	14 110				
Ascona A 1.2 S	[12S]	04.72- 08.75	110077	14 50		04.72- 08.75	110364	12 0.65
Ascona B 1.2	[12N]	08.76- 02.79	110077	14 50		08.76- 02.79	110364	12 0.65
Ascona B 1.2 S	[12S]	09.75- 02.79	110077	14 50		09.75- 02.79	110364	12 0.65
Ascona B 1.3	[13N]	03.79- 08.81	111656	14 45		03.79- 08.81	111055	12 0.7
		03.79- 08.81	113376	14 55				
Ascona B 1.3 S	[13S]	08.79- 08.81	111656	14 45		08.79- 08.81	111055	12 0.7
		08.79- 08.81	113376	14 55				
Ascona B 2.0	[20N]	08.77- 08.81	113376	14 55				
Ascona B 2.0 Diesel	[20D]	08.78- 08.81	111656	14 45				
		08.78- 08.81	113376	14 55				
Ascona C 1.3	[13N]	09.81- 08.86	111656	14 45		09.81- 08.86	111055	12 0.7
		09.81- 08.86	113376	14 55				
		09.84- 08.86	111166	14 70				



Ascona C 1.3 S	[13S]	09.81- 08.88	111656	14	45	09.81- 08.88	111055	12	0.7
		09.81- 08.88	113376	14	55				
		09.84- 08.88	111166	14	70				
Ascona C 1.6	[16N] [16SV]	09.81- 08.88	111168	14	55	09.86- 08.88	111123	12	0.9
		09.86- 08.88	111166	14	70				
		09.86- 08.88	113376	14	55				
Ascona C 1.6 i	[C16LZ]	09.86- 08.87	111166	14	70	09.86- 08.87	111123	12	0.9
		09.86- 08.87	113376	14	55				
	[C16NZ]	09.87- 08.88	111166	14	70	08.87- 08.88	111123	12	0.9
		09.87- 08.88	113376	14	55				
	[E16LZ]	09.87- 08.88	111166	14	70	09.87- 08.88	111123	12	0.9
		09.87- 08.88	113376	14	55				
[E16NZ]	09.87- 08.88	111166	14	70	09.87- 08.88	111123	12	0.9	
Ascona C 1.6 S	[16SH]	09.81- 08.86	111168	14	55	09.87- 08.88	111123	12	1.4
Ascona C 1.6 Diesel	[16D] [16DA]	03.82- 08.88	110972	14	65	03.82- 08.88	110839	12	1.7
		09.84- 08.88	112056	14	70				
		03.82- 08.88	110972	14	65				
Ascona C 1.8	[E18NV] [S18NV]	09.87- 08.88	111168	14	55	09.87- 08.88	110847	12	1.4
		01.85- 08.86	111168	14	55				
		01.85- 08.86	111168	14	55				
Ascona C 1.8 E	[C18NE]	01.85- 08.86	111168	14	55				
Ascona C 1.8 i	[18E] [C18NE]	09.82- 08.86	111168	14	55				
		01.85- 08.86	111168	14	55				
Ascona C 2.0 GTi	[20SEH]	03.87- 08.88	111168	14	55	03.87- 08.88	110847	12	1.4
Ascona C 2.0 i	[20NE]	09.86- 08.88	111168	14	55	09.86- 08.88	110847	12	1.4
		09.86- 08.88	111122	12	1.0				
	[20SEH]	03.87- 08.88	111168	14	55	03.87- 08.88	110847	12	1.4
		03.87- 08.88	111122	12	1.0				
	[C20NE]	09.86- 08.88	111168	14	55	09.86- 08.88	110847	12	1.4
		09.86- 08.88	111122	12	1.0				
[C20NEF]					08.87- 08.88	110847	12	1.4	
Astra F 1.4	[14NV]	09.91- 08.94	111166	14	70	09.91- 08.97	111055	12	0.7
		09.91-	112229	14	70				
		PS 09.91- 08.92	111170	14	65				
	[14SE]	03.92- 08.92	111170	14	65	09.92- 09.98	111123	12	0.9
		09.92- 09.98	110077	14	50				
		09.92- 09.98	111166	14	70				
	PS 09.92-	111426	14	100					
Astra F 1.4 i16V	[X14NZ] [X14XE]	PS 01.98-	112229	14	70	01.98-	111123	12	0.9
		01.96- 02.98	111426	14	100	09.97-	111127	12	1.4
		01.96- 02.98	111732	14	120	09.97-	111123	12	0.9
		02.96-	112229	14	70	Ecotec 09.97- 09.00	111684	12	1.4
		09.97- 03.01	111990	14	70				
		09.97- 02.98	115619	14	120				
		03.98-	112416	14	100				
		Chas. -12257452, -15257663, -18131574	09.97- 02.98	115619	14	120			
Astra F 1.4 i	[C14NZ]	09.91- 01.99	110077	14	50	09.91- 03.96	111055	12	0.7
		09.91- 08.94	111166	14	70				
		09.91-	112229	14	70				
		09.94- 01.98	112689#	14	55				
		PS, Chas. P25...P30...P40... 09.92 01.98	112229	14					
		PS 09.91- 08.92	111170	14	65				
		PS 09.91- 01.98	112229	14	70				
		PS 09.92- 01.98	111426	14	100				
		Chas. S2500016-,S5000001-,S8000001- 09.94- 01.98	112689#	14	55				
		[C14SE]	03.92- 09.98	110077	14				
	03.92- 08.94	112775	14	70					
	PS 03.92- 08.92	111170	14	65					
	PS 08.92- 02.98	112229	14	70					
		PS 09.92-	111426	14	100				
[X14NZ]	09.91- 09.98	110077	14	50	Only X14NZ OHC	09.97- 08.00	111684	12	1.4
	09.91- 09.98	111166	14	70		09.91- 09.98	111055	12	0.7
	09.91- 09.98	112229	14	70		09.91- 09.98	111127	12	1.4
	09.91- 09.98	112689#	14	55		09.91- 09.98	111123	12	0.9
	PS 09.91- 09.98	111170	14	65					
	PS 09.91- 09.98	111426	14	100					
	PS 09.91- 09.98	112229	14	70					
Astra F 1.4 Si	[C14SE]	03.92- 03.01	110077	14	50	03.92- 01.98	111055	12	0.7
		03.92- 08.94	112775	14	70				
		PS 03.92- 08.92	111170	14	65				
		PS 08.92- 01.98	112229	14	70				
Astra F 1.6	[16LZ2]	09.95- 09.98	111426	14	100				
		09.95- 09.98	111732	14	120				
		09.95- 09.98	112229	14	70				
		02.98-	111990	14	70				
Astra F 1.6 i16V	[X16XEL]	08.94- 09.98	110077	14	50	09.94-	111127	12	1.4
		09.94-	112229	14	70				
Astra F 1.6 i	[16LZ2]	09.94- 01.98	111426	14	100	09.94-	111123	12	0.9
		09.94- 01.98	111732	14	120				
		09.95- 01.98	112229	14	70				
	[16NZR]	PS 09.95- 09.98	111170	14	65	09.95- 09.98	111123	12	0.9
		PS 09.95- 09.98	111426	14	100				
	[C16NZ]	09.91- 01.98	110077	14	50	09.91- 08.94	111055	12	0.7
		09.91- 08.94	111166	14	70				
		09.91- 08.94	111732	14	120				
		PS, Chas. -NA299999, -NE299999, -N2999999, -N4999999, -N5999999	111170	14	65				
		PS 10.91- 08.92	111170	14	65				
	PS 03.92- 08.94	112229	14	70					
	PS 09.92- 08.94	111426	14	100					



Application list

OPEL Continued

	[C16SE]	09.91- 02.98 112229	14 70		03.92- 02.98 111123	12 0.9
		03.92- 12.94 110077	14 50		03.92- 02.98 111127	12 1.4
		03.92- 08.94 111170	14 65			
		03.92- 08.94 112775	14 70			
	PS, Chas. P25...-,P30...-,P40...-	09.92 02.98 112229	14			
	PS 09.91-	111170	14 65			
	PS 09.92-	111426	14 100			
	Chas. -S2500015,-R5999999,-R8999999	03.92- 09.94 112775	14 70			
	[C16SZR]	03.92- 08.94 111166	14 70		03.92- 08.94 111123	12 0.9
	PS 03.92- 08.94	111170	14 65		03.92- 08.94 111127	12 1.4
	PS 03.92- 08.94	111426	14 100			
	PS 03.92- 08.94	112229	14 70			
	[X16SZ]	09.92- 08.94 112775	14 70		09.92- 02.96 111684	12 1.4
		03.93- 08.96 110077	14 50		09.92- 07.96 111123	12 0.9
	PS, Chas. P25...-,P30...-,P40...-,P50...-,P80...-	09.92- 03.96 112229	14 70		09.92- 03.96 111127	12 1.4
	PS 09.92- 03.96	111170	14 65			
	PS 09.92- 07.96	112229	14 70			
	Chas. -S2500015,-R5999999,-R8999999	09.92- 08.94 112775	14 70			
	[X16SZR]	09.91- 01.05 110077	14 50		09.95- 08.97 111055	12 0.7
		09.91- 08.94 111166	14 70		09.91- 06.93 111127	12 1.4
	PS 09.92- 06.93	111426	14 100		09.95- 08.00 111684	12 1.4
	PS 09.92- 06.93	112229	14 70		09.91- 06.93 111123	12 0.9
	[X16XEL]	08.94- 03.98 111426	14 100		08.94- 03.98 111123	12 0.9
		08.94- 03.98 111732	14 120			
Astra F 1.7 Diesel	[17D]	12.91- 111168	14 55		08.92- 08.94 110839	12 1.7
		12.91- 09.92 111515	14 70			
		12.91- 08.94 112056	14 70			
	[17DR]	12.91- 08.94 112056	14 70	Eng. 14292840-	07.92- 08.94 110839	12 1.7
		07.92- 01.99 111515	14 70			
		111426	14 100			
Astra F 1.7 TD	[X17DT (TC4EE1)]	03.95- 02.98 111186	14 70		03.95- 02.98 111274	12 1.2
		03.95- 02.98 111515	14 70		03.95- 02.98 111690	12 1.1
	[X17DTL]	12.91- 03.96 111186	14 70 VP		08.94- 110839	12 1.7
		08.94- 01.99 111515	14 70 VP			
		08.94- 112056	14 70			
	AC 04.96-	111831	14 100 VP			
Astra F 1.7 TDS	[17DT (TC4EE1)]	12.91- 01.98 111186	14 70		12.91- 03.96 111274	12 1.2
		04.96- 01.98 111515	14 70		Eng. 997453- 12.91- 01.98 111690	12 1.1
	Chas. T2000001-	04.96- 01.98 111515	14 70			
	[X17DT (TC4EE1)]	04.96- 01.98 111515	14 70		04.96- 01.98 111690	12 1.1
	AC 04.96-	111831	14 100			
Astra F 1.8 16V	[18SE]	09.95- 09.96 111426	14 100		09.95- 09.96 111848	12 1.0
		09.95- 09.96 111732	14 120			
		09.95- 09.96 112229	14 70			
	[C18SEL]	09.95- 08.97 111426	14 100		09.95- 08.97 111848	12 1.0
		09.95- 08.97 111732	14 120			
		09.95- 08.97 112229	14 70			
Astra F 1.8 i 16V	[C18XE]	09.92- 02.98 111426	14 100		09.93- 02.98 111848	12 1.0
		09.92- 02.98 111732	14 120			
		03.93- 02.98 112229	14 70			
		06.93- 01.98 111514	14 100			
	[C18XEL]	07.94- 03.96 111426	14 100		07.94- 03.96 111848	12 1.0
		07.94- 01.98 111514	14 100			
		07.94- 02.98 111732	14 120			
		07.94- 03.96 112229	14 70			
	PS 09.94- 03.96	112229	14 70			
	[X18XE]	07.94- 01.98 111514	14 100		04.96- 04.98 111848	12 1.0
		09.95- 09.98 111732	14 120			
		04.96- 04.98 111426	14 100			
		04.96- 04.98 112229	14 70			
	PS 04.96- 02.98	112229	14 70			
Astra F 1.8 i	[C18NZ]	09.91- 08.92 111169	14 70		09.91- 12.94 110847	12 1.4 BO
		09.91- 02.98 111426	14 100		09.91- 12.94 111122	12 1.0 DR
		09.91- 01.98 111514	14 100			
		09.91- 02.98 111732	14 120			
		09.91- 112229	14 70			
	Chas. P250...-,P300...-,P400...-,P500...-,P600...-,P810...-	09.92- 02.98 112229	14 70			
Astra F 2.0 GSI 16V	[C20XE]	09.91- 02.98 111426	14 100		09.91- 12.94 110847	12 1.4 BO
		09.91- 02.98 111732	14 120		09.91- 12.94 111122	12 1.0 DR
		09.91- 02.98 112056	14 70			
		09.91- 02.98 112229	14 70			
	PS 09.91-	112229	14 70			
Astra F 2.0 i 16V	[C20XE]	09.91- 111426	14 100		09.91- 12.94 110847	12 1.4 BO
		09.91- 111732	14 120		09.91- 12.94 111122	12 1.0 DR
		09.91- 112056	14 70			
		09.91- 112229	14 70			
	[X20XE]	01.95- 111426	14 100		01.95- 111848	12 1.0
		01.95- 111732	14 120			
		01.95- 112229	14 70			
		02.95- 09.98 111514	14 100			
		02.98- 111990	14 70			
		03.98- 112416	14 100			
	PS 01.95-	112229	14 70			
Astra F 2.0 i	[C20NE]	09.91- 08.92 111169	14 70		09.91- 12.94 110847	12 1.4 BO
		09.91- 02.98 111426	14 100		09.91- 12.94 111122	12 1.0 DR
		09.91- 09.98 111514	14 100			
		09.91- 02.98 111732	14 120			
		09.91- 02.98 112229	14 70			
	Chas. P250...-,P300...-,P400...-,P500...-,P600...-,P810...-	09.92- 02.98 112229	14 70			
Astra G 1.2 16V	[X12XE]	02.98-	111824	14 70	02.98- 111123	12 0.9
					113276	12 1.1
Astra G 1.2 i 16V	[X12XE]	09.98-	111824	14 70	09.98- 111123	12 0.9
					09.97- 09.00 111684	12 1.4
					09.98- 113276	12 1.1



	[Z12XE]	09.00-	111824	14	70		09.00-	113276	12	1.1
						Ecotec	09.00-	111684	12	1.4
Astra G 1.4 i 16V	[X14XE]	02.98-	111990	14	70		02.98-	111123	12	0.9
		02.98-	112416	14	100		02.98-	113276	12	1.1
	Chas. -12257452, -15257663, -18131574	09.97- 09.00	115619	14	120					
	[Z14XE]	02.98-	111990	14	70		02.98-	111123	12	0.9
		02.98-	112416	14	100	Ecotec	09.00-	111684	12	1.4
	Chas. -12257452, -15257663, -18131574	09.00- 06.04	115619	14	120		02.98-	113276	12	1.1
Astra G 1.6	[Z16XEP]	01.03- 10.05	114431	14	120		03.03- 04.05	113276	12	1.1
							11.11.23	111123	12	0.9
							10.04- 04.05	114298	12	1.1
Astra G 1.6 16V	[X16XEL]	02.98-	111990	14	70		02.98-	111123	12	0.9
		02.98-	112416	14	100		02.98-	113276	12	1.1
	Chas. -12257452, -15257663, -18131574	09.97- 08.00	115619	14	120					
	[Z16XE]	03.00- 05.05	114431	14	120		03.00- 05.05	113276	12	1.1
	[Z16XEP]	03.00- 05.05	114431	14	120		03.00-	111123	12	0.9
Astra G 1.6 i 16V	[X16XEL]	02.98-	111990	14	70		02.98-	111123	12	0.9
		09.98-	112416	14	100		09.98-	113276	12	1.1
	Chas. -12257452, -15257663, -18131574	09.97- 08.01	115619	14	120					
	[Z16XE]	02.98-	111990	14	70		02.98-	111123	12	0.9
		02.98-	112416	14	100		02.98-	113276	12	1.1
	Chas. -12257452, -15257663, -18131574	09.98- 01.04	115619	14	120					
		09.00- 08.05	115619	14	120					
Astra G 1.6 i	[X16SZR]	02.98-	111990	14	70		02.98-	111123	12	0.9
		02.98-	112416	14	100		02.98-	113276	12	1.1
	Chas. -12257452, -15257663, -18131574	09.97- 09.00	115619	14	120					
	[Z16SE]	09.00-	111990	14	70		09.00-	113276	12	1.1
		09.00-	112416	14	100		09.00-	111123	12	0.9
	Chas. -12257452, -15257663, -18131574	09.00- 06.04	115619	14	120					
Astra G 1.6 Twinport	[Z16XEP]	12.02- 01.05	114431	14	120		03.03- 06.04	111123	12	0.9
							03.03- 06.04	113276	12	1.1
Astra G 1.6	[Z16YNG]	09.02- 06.04	115619	14	120		09.02-	111684	12	1.4
							09.02- 06.04	113276	12	1.1
Astra G 1.7 CDTi	[Z17DTL]	03.03- 06.04	112271	14	100		03.03- 06.04	112320	12	1.4
Astra G 1.7 DTi 16V	[Y17DT]	02.00- 04.05	112271	14	100		02.00- 04.05	112320	12	1.4
		02.00- 04.05	112272	14	70					
		AC 02.00-	112271	14	100					
Astra G 1.7 TD	[X17DTL]	02.98-	112720	14	100		02.98-	110839	12	1.7
Astra G 1.8 16V	[X18XE1]	02.98-	111990	14	70		02.98-	112431	12	1.1
		02.98-	112416	14	100					
	Chas. -12257452, -15257663, -18131574	09.97- 09.00	115619	14	120					
Astra G 1.8 i 16V	[X18XE1]	02.98-	111990	14	70		03.98-	112431	12	1.1
		09.98-	112416	14	100		09.98-	113276	12	1.1
	Chas. -12257452, -15257663, -18131574	09.97- 08.00	115619	14	120					
	[Z18XE]	09.00-	111990	14	70		09.00-	113276	12	1.1
		09.00-	112416	14	100		09.00-	112431	12	1.1
	Chas. -12257452, -15257663, -18131574	09.00- 08.05	115619	14	120					
Astra G 2.0	[Z20LER]	11.02-	112416	14	100		09.02- 01.04	111848	12	1.0
		11.02- 03.05	115619	14	120					
	[Z20LET]	09.02- 07.04	115619	14	120		09.01- 06.04	111848	12	1.0
		11.02-	112416	14	100					
Astra G 2.0 OPC	[Z20LET]	09.01- 06.04	115619	14	120		09.02- 01.04	111848	12	1.0
		09.02-	112416	14	100					
Astra G 2.0 16V	[X20XEV]	09.97- 06.04	115619	14	120		02.98-	111848	12	1.0
		02.98-	111990	14	70					
		02.98-	112416	14	100					
	[Z20LET]	03.02-	112416	14	100		03.02-	111848	12	1.0
Astra G 2.0 i 16V	[X20XER]	11.99-	112416	14	100		11.99-	111848	12	1.0
		11.99- 09.02	115619	14	120					
	[X20XEV]	02.98-	111990	14	70		02.98-	111848	12	1.0
		09.98-	112416	14	100					
		09.98- 01.04	115619	14	120					
Astra G 2.0 Turbo 16V	[Z20LET]	12.00-	112416	14	100		03.00-	111848	12	1.0
		Chas. Y6062241-	03.00-	112416	14	100				
Astra G 2.0 Diesel Di	[X20DTL]	01.99-	112415	14	120					
		01.99- 04.05	113879	14	100					
Astra G 2.0 Diesel	[X20DTL]	02.98-	112415	14	120		02.98-	113674	12	2.0
		02.98- 01.05	113879	14	100					
	[Y20DTL]	02.98-	112415	14	120		02.98-	113674	12	2.0
		02.98- 01.05	113879	14	100					
Astra G 2.0 DTi 16V	[X20DTH]	08.99- 06.04	112415	14	120		08.99-	113674	12	2.0
	[Y20DTH]	08.99- 06.04	112415	14	120		08.99-	113674	12	2.0
Astra G 2.2 i 16V	[Z22SE]	09.00-	113352	14	120		09.00- 05.05	114341	12	1.2
Astra G 2.2 DTi	[Y22DTR]	09.02- 01.05	112415	14	120		09.02- 01.05	113674	12	2.0
		09.02- 10.05	114656	14	140					
		09.02- 01.05	114658	14	140					
		A19 09.02- 01.05	114658	14	140					
Astra H 1.2	[Z12XEP]	08.05-	114492	14	100		08.05-	111824		
		08.05-	115304*	14	120					
Astra H 1.3 CDTi	[Z13DTH]	08.05-	113720	14	75 A49		08.05-	113719	12	1.3
		08.05-	113722	14	90 A49		08.05-	113843	12	1.1
		08.05-	114451	14	105		08.05-	114029	12	1.8
		08.05-	115308	14	120		08.05-	115869	12	1.3 A49
		08.05-	115963	14	90					
		08.05-	116064	14	75					
Astra H 1.3 CDTi GTC	[Z13DTH]	01.06-	113722	14	90 A49		01.06-	113719	12	1.3
		01.06-	114451	14	105		01.06-	113843	12	1.1
		01.06-	115308	14	120		01.06-	114029	12	1.8
		01.06-	115963	14	90		01.06-	115869	12	1.3 A49
Astra H 1.4	[Z14XEL]	04.04- 10.04	111824	14	70		04.04- 10.04	113276	12	1.1
		03.05-	113722	14	90 A49					
		03.05-	115963	14	90					
	[Z14XEP]						03.04-	111123	12	0.9
Astra H 1.4 Twinport GTC	[Z14XEP]						03.05-	111123	12	0.9

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**OPEL** *Continued*

Astra H 1.4 LPG	[Z14XEP]	08.09-	111824	14 70	08.09-	113276	12 1.1	
		08.09-	114492	14 100				
		08.09-	115304*	14 120				
Astra H 1.6	[A16XER]	12.06-	114431	14 120	12.06-	114298	12 1.1	
		12.06-	114668	14 100				
		12.06-	115306	14 120				
	[Z16XE1]	03.04-	114431	14 120	03.04-	113276	12 1.1	
					03.04-	114298	12 1.1	
					03.04-	113276	12 1.1	
[Z16XEP]	03.04-	114431	14 120	03.04-	114298	12 1.1		
				03.04-	113276	12 1.1		
				03.04-	114298	12 1.1		
[Z16XER]	12.06-	114431	14 120	12.06-	114298	12 1.1		
	12.06-	114668	14 100					
	12.06-	115306	14 120					
Astra H 1.6 Ecotec	[Z16XER]	02.07-	114431	14 120	02.07-	114298	12 1.1	
		02.07-	115306	14 120				
Astra H 1.6 GTC	[Z16XER]	12.06-	114431	14 120	12.06-	114298	12 1.1	
		12.06-	114668	14 100				
		12.06-	115306	14 120				
Astra H 1.6 Turbo	[Z16LET]	02.07-	115843	14 120	02.07-	114298	12 1.1	
Astra H 1.6 Turbo GTC	[Z16LET]	02.07-	115843	14 120	02.07-	114298	12 1.1	
Astra H 1.6 Twinport	[Z16XE1]	08.04-	114431	14 120	08.04-	113276	12 1.1	
					08.04-	114298	12 1.1	
					08.04-	113276	12 1.1	
[Z16XEP]	08.04-	114431	14 120	08.04-	114298	12 1.1		
				08.04-	113276	12 1.1		
				08.04-	114298	12 1.1		
Astra H 1.6 Twinport GTC	[Z16XE1]	03.05-	114431	14 120	03.05-	113276	12 1.1	
					03.05-	114298	12 1.1	
					03.05-	113276	12 1.1	
					03.05-	114298	12 1.1	
Astra H 1.6 CNG	[Z16YNG]	11.05-	115619	14 120				
Astra H 1.6 LPG	[Z16XER]	08.09-	114431	14 120	08.09-	114298	12 1.1	
		08.09-	114668	14 100				
		08.09-	115306	14 120				
Astra H 1.7 CDTi	[A17DTJ]	02.07-	114512	14 140	02.07-	112320	12 1.4	
		02.07-	114665	14 100				
	[A17DTR]	02.07-	114512	14 140	02.07-	112320	12 1.4	
		02.07-	114665	14 100				
	[D17DTL]	08.04-	113956	14 100	08.04-	112320	12 1.4	
		08.04-	114121	14 110				
	[Z17DTH]	03.04-	113956	14 100	03.04-	112320	12 1.4	
		03.04-	114121	14 110				
			AC 08.04-	114121	14 110			
	[Z17DTJ]	02.07-	114512	14 140	02.07-	112320	12 1.4	
		02.07-	114665	14 100				
[Z17DTL]	03.04-	113956	14 100	03.04-	112320	12 1.4		
	03.04-	114121	14 110					
[Z17DTR]	02.07-	114665	14 100	02.07-	112320	12 1.4		
	07.10-	114512	14 140					
Astra H 1.7 CDTi Ecotec	[Z17DTL]	03.05- 03.07	113956	14 100				
		AC 03.05- 03.07	114121	14 110				
Astra H 1.7 CDTi GTC	[A17DTJ]	02.07-	114665	14 100				
		02.07-	114665	14 100				
		03.05-	113956	14 100	03.05-	112320	12 1.4	
		AC 03.05-	114121	14 110				
Astra H 1.7 CRDi	[Z17DTJ]	02.07-	114665	14 100	02.07-	112320	12 1.4	
Astra H 1.8	[A18XER]	08.05-	114431	14 120	08.05-	114298	12 1.1	
		09.05-	114668	14 100				
		09.05-	115306	14 120				
			Chas. 72094719-, 75086480-, 78048188-	09.05-	115306	14 120		
			Chas. -72094718-, -75086479-, -78048187	09.05-	114431	14 120		
				03.04-	115619	14 120	03.04-	113276
[Z18XER]	08.05-	114431	14 120	08.05-	114298	12 1.1		
	09.05-	114668	14 100					
	09.05-	115306	14 120					
		Chas. 72094719-, 75086480-, 78048188-	09.05-	115306	14 120			
		Chas. -72094718-, -75086479-, -78048187	09.05-	114431	14 120			
Astra H 1.8 Ecotec	[A18XER]	Chas. 72094719-, 75086480	02.07-	115306	02.07-	114298	12 1.1	
		, 78048188-						
			Chas. -72094718-, -75086479-, -78048187	02.07-	114431	14 120		
				02.07-	115306	14 120	02.07-	114298
		Chas. -72094718-, -75086479-, -78048187	02.07-	114431	14 120			
Astra H 1.8 GTC	[Z18XER]	01.06-	114668	14 100	01.06-	114298	12 1.1	
		Chas. 72094719-, 75086480-, 78048188-	01.06-	115306				14 120
		Chas. -72094718-, -75086479-, -78048187	01.06-	114431				14 120
Astra H 1.8 i GTC	[Z18XE]	03.05-	115619	14 120	03.05-	113276	12 1.1	
Astra H 1.9 CDTi 16V	[Z19DTH]	04.04-	113904	14 130				
		04.04-	113955	14 105				
		04.04-	114088	14 140				
		04.04-	114204	14 120				
		04.04-	114801	14 105 A46				
		04.04-	115487	14 140 A49				
	[Z19DTJ]	04.04-	113904	14 130	04.04-	114058	12 1.7	
		04.04-	113955	14 105				
		04.04-	114088	14 140				
		04.04-	114204	14 120				
		04.04-	114801	14 105 A46				
		04.04-	115487	14 140 A49				
Astra H 1.9 CDTi 16V GTC	[Z19DTH]	03.05-	113904	14 130	03.05-	113931	12 1.7	
		03.05-	113955	14 105				
		03.05-	114088	14 140				
		03.05-	114204	14 120				
		03.05-	114801	14 105 A46				
		03.05-	115487	14 140 A49				

## STARTERS & ALTERNATORS



	[Z19DTJ]	03.05- 03.05- 03.05- 03.05- 03.05- 03.05-	113904 113955 114088 114204 114801 115487	14 130 14 105 14 140 14 120 14 105 A46 14 140 A49		03.05-	114058	12 1.7
Astra H 1.9 CDTi	[Z19DT]	09.05- 09.05- 09.05- 09.05- 09.05- 09.05-	113904 113955 114088 114204 114801 115487	14 130 14 105 14 140 14 120 14 105 A46 14 140 A49		09.05-	113931	12 1.7
	[Z19DTH]	09.04- 09.04- 09.04- 09.04- 09.04- 09.04- 09.04-	113904 113955 114088 114204 114510 114801 115487	14 130 14 105 14 140 14 120 14 120 14 105 A46 14 140 A49		09.04- 09.04-	113931 114058	12 1.7 12 1.7
	[Z19DTJ]	08.04-	113904	14 130		08.04-	114058	12 1.7
	[Z19DTL]	09.05- 09.05- 09.05- 09.05- 09.05- 09.05-	113904 113955 114088 114204 114801 115487	14 130 14 105 14 140 14 120 14 105 A46 14 140 A49		09.05-	113931	12 1.7
Astra H 1.9 CDTi GTC	[Z19DT]	09.05- 09.05- 09.05- 09.05- 09.05- 09.05-	113904 113955 114088 114204 114801 115487	14 130 14 105 14 140 14 120 14 105 A46 14 140 A49		09.05-	113931	12 1.7
	[Z19DTL]	01.06- 01.06- 01.06- 01.06- 01.06-	113904 113955 114088 114204 114801 115487	14 130 14 105 14 140 14 120 14 105 A46 14 140 A49		01.06-	113931	12 1.7
Astra H 2.0 Turbo	[Z20LEH]	03.05-	115846	14 120		03.05-	111848	12 1.0
	[Z20LEL]	03.04-	115846	14 120		03.04-	111848	12 1.0
	[Z20LER]	09.04-	115846	14 120		09.04-	111848	12 1.0
Astra H 2.0 Turbo GTC	[Z20LEH]	08.05-	115846	14 120		08.05-	111848	12 1.0
	[Z20LEL]	03.05-	115846	14 120		03.05-	111848	12 1.0
	[Z20LER]	03.05-	115846	14 120		03.05-	111848	12 1.0
Astra J 1.3 CDTi 16V Ecoflex	[A13DTE]	10.10-	115862	14 120		10.10-	115570	12 1.4
Astra J 1.3 CDTi	[A13DTE]	06.12-	115862	14 120		06.12-	115570	12 1.4
Astra J 1.4	[A14NEL]					10.11-	115395	12 1.1
	[A14XER]	06.12- 06.12-	114727* 114728	14 130 14 100		10.11- 10.11-	115646 115646	12 1.1 12 1.1
Astra J 1.4 ecoFlex	[A14XER]	10.10- 10.10-	114727* 114728	14 130 14 100		10.10- 10.10-	115646 115719	12 1.1 12 1.1
Astra J 1.4 GTC	[A14NET]	10.11-	114727*	14 130		10.11- 10.11-	115395 115646	12 1.1 12 1.1
Astra J 1.4 Turbo	[A14NEL]	10.10- 10.10-	114727* 114728	14 130 14 100		10.10- 10.10- 10.10-	115646 115395 115719	12 1.1 12 1.1 12 1.1
	[A14NET]	10.10- 10.10-	114727* 114728	14 130 14 100		06.12- 10.10- 10.10-	115395 115646 115719	12 1.1 12 1.1 12 1.1
Astra J 1.4 LPG	[A14NET]	07.14-	114727*	14 130		07.14- 07.14-	115395 115646	12 1.1 12 1.1
Astra J 1.4 BiFuel LPG	[A14NET]	01.12- 01.12-	114727* 114728	14 130 14 100		01.12- 01.12- 01.12-	115395 115646 115719	12 1.1 12 1.1 12 1.1
Astra J 1.6	[A16LET]	10.11- 10.11-	114067 114779	14 140 14 100		10.11-	114298	12 1.1
	[A16XER]	10.10- 10.10- 10.10- 10.10-	114067 114779 115861	14 140 14 100 14 140		10.10-	114298	12 1.1
Astra J 1.6 Ecotec	[A16XER]	12.09- 12.09- 12.09-	114779 115410 115861	14 100 14 100 14 140		12.09-	114298	12 1.1
Astra J 1.6 Sports Tourer	[A16XER]	10.12- 10.12-	114779 115410	14 100 14 100		10.12-	114298	12 1.1
Astra J 1.6 Turbo	[A16LET]	06.12-	114779	14 100		06.12-	114298	12 1.1
	[A16XER]	06.12- 06.12-	114779 115861	14 100 14 140		06.12-	114298	12 1.1
Astra J 1.6 Turbo ecotec	[A16LET]	10.10- 10.10-	114067 114779	14 140 14 100		10.10-	114298	12 1.1
Astra J 1.7 CDTi 16V Ecotec	[A17DTC]	10.10- 10.10-	114726 115396*	14 100 14 140		10.10-	112320	12 1.4
	[A17DTE]	10.10- 10.10-	114726 115396*	14 100 14 140		10.10-	112320	12 1.4
	[A17DTJ]	10.10- 10.10-	114726 115396*	14 100 14 140		10.10-	112320	12 1.4
	[A17DTR]	10.10- 10.10-	114726 115396*	14 100 14 140				
	[A17DTS]	10.10- 10.10-	114726 115396*	14 100 14 140		10.10-	112320	12 1.4
Astra J 1.7 CDTi	[A17DTC]	06.12- 06.12-	114726 115396*	14 100 14 140		06.12- A25 06.12-	112320 115830	12 1.4 12 2.0
	[A17DTE]	06.12- 06.12-	114726 115396*	14 100 14 140		06.12- A25 06.12-	112320 115830	12 1.4 12 2.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

Opel Continued

	[A17DTF]	12.09- 06.12- A25 12.09-	114726 115396* 115396*	14 100 14 140 14 140	06.12- A25 12.09-	112320 115830	12 1.4 12 2.0
	[A17DTJ]	06.12- 06.12-	114726 115396*	14 100 14 140	06.12- A25 06.12-	112320 115830	12 1.4 12 2.0
	[A17DTL]	10.10-	114726	14 100			
	[A17DTN]	10.10- 10.10-	114726 115396*	14 100 14 140	10.10- 10.10-	112320 115830	12 1.4 12 2.0
	[A17DTS]	12.09- 06.12- A25 12.09-	114726 115396* 115396*	14 100 14 140 14 140	06.12- A25 12.09-	112320 115830	12 1.4 12 2.0
Astra J 1.7 CDTi GTC	[A17DTC]	10.11- 10.11-	114726 115396*	14 100 14 140	10.11- 10.11-	112320 115830	12 1.4 12 2.0
	[A17DTE]	10.11- 10.11-	114726 115396*	14 100 14 140	10.11- 10.11-	112320 115830	12 1.4 12 2.0
	[A17DTF]	10.11- 10.11-	114726 115396*	14 100 14 140	10.11- 10.11-	112320 115830	12 1.4 12 2.0
	[A17DTJ]	10.11- 10.11-	114726 115396*	14 100 14 140	10.11- 10.11-	112320 115830	12 1.4 12 2.0
	[A17DTS]	10.11- 10.11-	114726 115396*	14 100 14 140	10.11- 10.11-	112320 115830	12 1.4 12 2.0
Astra J 1.7 CDTi Sports Tourer	[A17DTF]	10.10- A25 10.10-	114726 115396*	14 100 14 140	10.10-	115830	12 2.0
	[A17DTS]	10.10- A25 10.10-	114726 115396*	14 100 14 140	10.10-	115830	12 2.0
Astra J 1.8 GTC	[A18XER]	10.11- 10.11- 10.11- 10.11-	114067 114779 115410 115861	14 140 14 100 14 100 14 140	10.11-	114298	12 1.1
Astra J 2.0 GTC	[A20DTH]	10.11- 10.11- 10.11- 10.11-	114202 114847* 115526 115583	14 100 14 140 14 100 14 120	10.11-	113931	12 1.7
Astra J 2.0 BiTurbo CDTi	[A20DTR]	12.12- 12.12- 12.12- 12.12-	114202 114847* 115526 115583	14 100 14 140 14 100 14 120	12.12- 12.12-	113931 114058	12 1.7 12 1.7
Astra J 2.0 BiTurbo CDTi Sports Tourer	[A20DTR]	12.12- 12.12- 12.12- 12.12-	114202 114847* 115526 115583	14 100 14 140 14 100 14 120	12.12- 12.12-	113931 114058	12 1.7 12 1.7
Astra J 2.0 CDTi	[A20DTH]	06.11- 06.11- 06.11- 06.11-	114202 114847* 115526 115583	14 100 14 140 14 100 14 120	06.11-	113931	12 1.7
Astra J 2.0 CDTi Ecotec	[A20DTH]	10.10- 10.10- 10.10- 10.10-	114202 114847* 115526 115583	14 100 14 140 14 100 14 120	10.10-	113931	12 1.7
Astra J 2.0 CDTi Sports Tourer	[A20DTH]	08.11- 08.11- 08.11- 08.11-	114202 114847* 115526 115583	14 100 14 140 14 100 14 120	08.11- 08.11-	114058 115768	12 1.7 12 2.2
Astra J GTC 2.0 BiTurbo CDTi	[A20DTR]	10.12- 10.12- 10.12- 10.12-	114202 114847* 115526 115583	14 100 14 140 14 100 14 120	10.12- 10.12-	113931 114058	12 1.7 12 1.7
Astra Sports Tourer 1.4 BiFuel LPG	[A14NET]	01.12- 01.12-	114727* 114728	14 130 14 100	01.12- 01.12- 01.12-	115395 115646 115719	12 1.1 12 1.1 12 1.1
Calibra A 2.0 i 16V	[C20XE]	06.90- 08.91 06.90- 07.97 09.90- 02.94 09.91- 07.97 09.92- 07.97 09.92- 07.97	112056 112229 111514 111169 111426 111732	14 70 14 70 14 100 14 70 14 100 14 120	06.90- 12.94 06.90- 12.94	110847 111122	12 1.4 BO 12 1.0 DR
	[X20XEV]	09.92- 07.97 11.93- 03.97 11.93- 03.97	111426 111732 112229	14 100 14 120 14 70	02.94- 07.97	111848	12 1.0
Calibra A 2.0 i 16V 4x4	[C20XE]	06.90- 08.92 09.91- 07.97 09.92- 07.97 09.92- 07.97 09.92- 07.97	112056 111169 111426 111732 112229	14 70 14 70 14 100 14 120 14 70	06.90- 12.94 06.90- 12.94	110847 111122	12 1.4 BO 12 1.0 DR
	[X20XEV]	11.93- 03.97 11.93- 03.97 11.93- 03.97	111426 111732 112229	14 100 14 120 14 70	02.94- 07.97	111848	12 1.0
Calibra A 2.0 i Turbo 4x4	[C20LET]	03.92- 07.97 03.92- 08.92 09.92- 03.97 09.92- 03.97 09.92- 03.97	111514 112056 111426 111732 112229	14 100 14 70 14 100 14 120 14 70	03.92- 12.94 03.92- 12.94	111122 110847	12 1.0 DR 12 1.4 BO
Calibra A 2.0 i	[C20NE]	06.90- 08.92 06.90- 07.97 06.90- 07.97 09.92- 07.97 09.92- 07.97	111169 111514 112229 111426 111732	14 70 14 100 14 70 14 100 14 120	AT 06.90- 07.97 06.90- 07.97	110847 111122	12 1.4 BO 12 1.0 DR
Calibra A 2.0 i 4x4	[C20NE]	06.90- 08.92 09.92- 07.97 09.92- 07.97 09.92- 07.97 09.92- 07.97	111169 111426 111732 112229 112229	14 70 14 100 14 120 14 70 14 70	AT 06.90- 07.97 06.90- 07.97	110847 111122	12 1.4 BO 12 1.0 DR
Calibra A 2.5 i V6	[C25XE]	04.93- 07.97	111514	14 100			
Campo 2.2 Diesel	[C223]	08.87- 09.96	110697	14 50	08.87- 09.96	111683	12 2.0
Campo 2.2 Diesel 4x4	[C223]	08.91- 09.96	110697	14 50	08.91- 09.96	111683	12 2.0
Campo 2.3	[4ZD1]	08.91- 09.96	110679	14 60			



Campo 2.3 4x4	[4ZD1]	08.91- 09.96	110679	14	60					
Campo 2.5 Diesel	[4JA1]	09.91- 11.95	111267	14	50	09.91- 11.94	111559	12	2.0	
		09.91- 11.95	111767	14	80	12.94- 11.95	112083	12	2.8	
Campo 2.5 DTi	[4JA1]	RHD 08.01-	111767	14	80	12.01-	112083	12	2.8	
Campo 2.5 DTi 4x4	[4JA1]	RHD 08.01-	111767	14	80	12.01-	112083	12	2.8	
Campo 2.5 TD	[4JA1]	02.89- 06.97	111267	14	50	12.89- 08.97	112083	12	2.8	
		02.89- 06.97	111767	14	80					
		07.94-	111267	14	50	07.94-	112083	12	2.8	
Campo 2.5 TD 4x4	[4JA1]	08.91- 06.94	111767	14	80	02.89- 08.97	112083	12	2.8	
		07.94-	111267	14	50	07.94-	112083	12	2.8	
		07.94-	111767	14	80					
Campo 3.1 TD	[4JG2T]	12.92- 07.95	111267	14	50	12.92- 09.94	111559	12	2.0	
		03.95- 08.97	112228	14	60	VP	12.92-	112083	12	2.8
Campo 3.1 TD 4x4	[4JG2T]	12.92- 07.95	111267	14	50	10.94-	112083	12	2.8	
		12.92-	112228	14	60					
Cascada 1.4	[A14NEL]					03.13-	115395	12	1.1	
						03.13-	115646	12	1.1	
Cascada 1.4 Turbo	[A14NET]					03.13-	115395	12	1.1	
						03.13-	115646	12	1.1	
Cascada 2.0 CDTI	[A20DTH]					03.13-	113931	12	1.7	
	[A20DTR]					03.13-	113931	12	1.7	
Combo 1.2 i	[C12NZ]	03.94-	112689#	14	55	09.97- 10.01	113276	12	1.1	
		03.94-	113376	14	55	09.94- 10.01	111684	12	1.4	
		ATAC 03.94-	112229	14	70	03.94- 09.97	111123	12	0.9	
		AT 03.94-	111166	14	70	03.94- 09.97	111127	12	1.4	
		07.94-	111426	14	100	07.94- 08.97	111123	12	0.9	
		07.94-	112229	14	70	08.97- 10.01	113276	12	1.1	
		07.94-	112689#	14	55					
Combo 1.3 CDTi 16V	[Z13DT]	08.05-	113720	14	75	A49	08.05-	113719	12	1.3
		08.05-	113722	14	90	A49	08.05-	113843	12	1.1
		08.05-	115963	14	90		08.05-	115869	12	1.3
		08.05-	116064	14	75					
	[Z13DTJ]	10.05-	113720	14	75	A49	10.05-	113719	12	1.3
		10.05-	113722	14	90	A49	10.05-	113843	12	1.1
		10.05-	115963	14	90		10.05-	114029	12	1.8
	10.05-	116064	14	75		10.05-	115869	12	1.3	
Combo 1.3 CDTi 16V Tour	[Y13DT]	10.04-	113720	14	75	A49	10.04-	113719	12	1.3
		10.04-	113722	14	90	A49	10.04-	113843	12	1.1
		10.04-	115963	14	90		10.04-	115869	12	1.3
		10.04-	116064	14	75					
	[Z13DT]	10.04-	113720	14	75	A49	10.04-	113719	12	1.3
	10.04-	113722	14	90	A49	10.04-	113843	12	1.1	
	10.04-	115963	14	90		10.04-	115869	12	1.3	
	10.04-	116064	14	75						
Combo 1.3 CDTI	[A13FD]	02.12-	115346	14	120					
Combo 1.4	[C14NZ]	07.94- 03.96	111732	14	120	07.94- 03.96	111123	12	0.9	
		07.94- 03.96	113376	14	55	07.94- 03.96	111127	12	1.4	
		PS 07.94- 03.96	112229	14	70					
		Chas. S6000013- 07.94- 03.96	112689#	14	55					
		AT 07.94- 03.96	111166	14	70					
		ACPS 07.94- 03.96	111426	14	100					
		AC, Chas. R4000001- 07.94- 03.96	112229	14	70					
		AC 07.94- 03.96	113376	14	55					
		[X14SZ]					04.96- 10.01	113276	12	1.1
							10.04-	111123	12	0.9
Combo 1.4 Tour	[Z14XEP]									
Combo 1.4 16V	[X14XE]	08.99- 10.01	111426	14	100	08.99- 10.01	111123	12	0.9	
		08.99- 10.01	112229	14	70					
	[Z14XEP]	08.05-	111824	14	70	08.05-	111123	12	0.9	
Combo 1.4 i	[C14SE]	07.94- 10.01	110077	14	50	07.94-	111123	12	0.9	
		07.94-	112229	14	70	08.97- 10.01	113276	12	1.1	
		07.94-	112689#	14	55	09.94- 10.01	111684	12	1.4	
		PS 07.94-	112229	14	70	07.94-	111127	12	1.4	
		AC 07.94-	111732	14	120					
		AC 07.94-	112229	14	70					
Combo 1.6	[Z16SE]	10.01- 08.04	111990	14	70	10.01-	111684	12	1.4	
						10.01- 08.04	113276	12	1.1	
Combo 1.6 16V	[Z16YNG]	06.06-	115619	14	120					
Combo 1.6 16V Tour	[Z16YNG]	06.06-	112416	14	100	06.06-	113276	12	1.1	
		06.06-	115619	14	120					
Combo 1.6 CNG	[Z16YNG]	04.05-	115619	14	120					
Combo 1.6 CDTi	[A16FDH]	02.12-	114493	14	100					
	[A16FDL]	02.12-	114493	14	100					
Combo 1.7 CDTi 16V	[Z17DTH]	12.04-	113941	14	100	12.04-	112320	12	1.4	
Combo 1.7 CDTi 16V Tour	[Z17DTH]	12.04-	113941	14	100					
		AC 12.04-	114121	14	110					
Combo 1.7 Diesel 16V	[Y17DTL]	10.01- 08.04	112271	14	100	10.01- 08.04	112320	12	1.4	
		10.01- 08.04	112272	14	70					
Combo 1.7 Diesel	[17D (4EE1)]	04.94- 06.96	111186	14	70	VP	Eng. -00877695 07.94-	111136	12	1.4
		07.94-	111515	14	70	VP	Eng. 877696- 07.94-	111534	12	1.4
		AC 04.96-	111831	14	100	VP				
	[X17D (4EE1)]	Eng. 00975025- 07.94-	111515	14	70	Mot.nr. 877696- 07.94-	111534	12	1.4	
	Eng. -00975024 07.94-	111186	14	70	Mot.nr. -00877695 07.94-	111136	12	1.4		
	AC 04.96-	111831	14	100						
Combo 1.7 DTi 16V	[Y17DT]	10.01- 08.04	112272	14	70	10.01- 08.04	112320	12	1.4	
		AC 10.01- 08.04	112271	14	100					
Commodore A 2.5 GS	[25H]	08.67- 01.72	112228	14	60					
Corsa 1.4	[A14NEL]					07.12-	115395	12	1.1	
						07.12-	115646	12	1.1	
Corsa A 1.0	[10S]	09.82- 03.93	111656	14	45	09.82- 03.93	110364	12	0.65	
		09.82- 03.93	113376	14	55					
		RHD 09.82- 03.93	113376	14	55					
Corsa A 1.0 S	[10S]	02.86- 03.93	111656	14	45	02.86- 08.88	110364	12	0.65	
		02.86- 03.93	113376	14	55					
		RHD 02.86- 03.93	113376	14	55					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**OPEL** *Continued*

Corsa A 1.2	[12 S]	09.82- 08.90 111166 14 70	09.82- 08.90 111055 12 0.7	
		09.82- 08.90 111656 14 45	09.82- 08.90 111123 12 0.9	
	[12NC]	01.85- 12.86 111166 14 70	01.85- 12.86 110364 12 0.65	
		01.85- 12.86 111656 14 45		
		01.85- 12.86 113376 14 55		
	[12NV]	09.86- 03.93 111166 14 70	09.86- 03.93 111055 12 0.7	
		09.86- 08.88 113376 14 55	09.86- 03.93 111123 12 0.9 09.86- 03.93 111127 12 1.4	
	[12ST]	02.86- 04.89 110077 14 50	02.86- 08.88 111055 12 0.7	
		02.86- 04.89 111166 14 70	02.86- 04.89 111123 12 0.9	
		02.86- 08.86 111656 14 45	02.86- 04.89 111127 12 1.4	
02.86- 08.88 113376 14 55				
[E12GV]	01.85- 03.93 111166 14 70	01.85- 03.93 110364 12 0.65		
	01.85- 08.86 111656 14 45			
	01.85- 08.88 113376 14 55			
Corsa A 1.2 i	[12NC]	09.82- 08.86 111656 14 45	01.85- 03.93 110364 12 0.65	
		09.82- 08.88 113376 14 55		
		09.84- 03.93 111166 14 70		
	[C12NZ]	09.89- 03.93 111166 14 70	09.89- 03.93 111055 12 0.7 09.89- 03.93 111123 12 0.9 09.89- 03.93 111127 12 1.4	
[E12GV]	01.87- 03.93 111166 14 70	01.87- 03.93 110364 12 0.65		
Corsa A 1.2 N	[12NC]	01.85- 03.93 111166 14 70 01.85- 08.86 111656 14 45 01.85- 08.88 113376 14 55	01.85- 03.93 110364 12 0.65	
	Corsa A 1.2 S	[12S]	09.82- 08.88 111166 14 70 09.82- 08.94 111656 14 45 04.83- 08.94 113376 14 55	09.82- 10.87 111055 12 0.7 09.82- 10.87 111123 12 0.9 09.82- 10.87 111127 12 1.4
		[12ST]	09.82- 03.93 110077 14 50 09.82- 03.93 111166 14 70 09.82- 08.86 111656 14 45 09.82- 08.88 113376 14 55	09.82- 03.93 111055 12 0.7 09.82- 03.93 111127 12 1.4 09.82- 03.93 111123 12 0.9
Corsa A 1.3		[13NB]	09.85- 03.93 111166 14 70	09.85- 03.93 111055 12 0.7
	09.85- 08.86 111656 14 45		09.85- 03.93 111123 12 0.9	
	09.85- 08.88 113376 14 55		09.85- 03.93 111127 12 1.4	
	[13SB]	09.82- 08.86 111656 14 45	09.82- 03.93 111127 12 1.4	
		09.82- 08.88 113376 14 55	09.82- 03.93 111055 12 0.7	
		02.86- 04.89 110077 14 50 09.88- 03.93 111166 14 70	09.82- 03.93 111127 12 1.4 09.82- 03.93 111123 12 0.9	
	[C13N]	09.85- 10.87 111166 14 70 09.85- 10.87 111656 14 45 09.85- 10.87 113376 14 55	09.85- 10.87 111055 12 0.7 09.85- 10.87 111123 12 0.9 09.85- 10.87 111127 12 1.4	
Corsa A 1.3 i	[13NB]	09.85- 03.93 111166 14 70	09.85- 03.93 111055 12 0.7	
		09.85- 08.86 111656 14 45	09.85- 03.93 111123 12 0.9	
		09.85- 08.88 113376 14 55	09.85- 03.93 111127 12 1.4	
	[C13N]	09.85- 03.93 111166 14 70 09.85- 08.86 111656 14 45 09.85- 08.88 113376 14 55	09.85- 03.93 111055 12 0.7 09.85- 03.93 111123 12 0.9 09.85- 03.93 111127 12 1.4	
Corsa A 1.3 S	[13SB]	09.82- 10.89 110077 14 50 09.82- 08.86 111656 14 45 09.82- 10.89 113376 14 55 09.84- 03.93 111166 14 70	09.82- 03.93 111123 12 0.9 09.82- 03.93 111055 12 0.7 09.82- 03.93 111127 12 1.4	
	Corsa A 1.4 i	[C14NZ]	10.89- 03.93 111166 14 70	10.89- 03.93 111055 12 0.7 01.90- 03.93 111123 12 0.9 01.90- 03.93 111127 12 1.4
		[C14SE]	09.91- 03.93 112775 14 70	09.91- 03.93 111127 12 1.4 09.91- 03.93 111123 12 0.9
		Corsa A 1.4 S	[14NV]	09.89- 03.93 111166 14 70
Corsa A 1.5 Diesel	[15D (4EC1)]		09.87- 02.93 111187 14 70 Chas. -L4999999 06.87- 03.93 111187 14 70	06.87- 03.93 111136 12 1.4
	[15DT (T4EC1)]		10.87- 03.93 111187 14 70	10.87- 03.93 111274 12 1.2
	Corsa A 1.6 GSi	[C16NZ]	08.88- 09.92 111166 14 70	08.88- 09.92 111123 12 0.9
[C16SE]		05.88- 03.93 111166 14 70	05.88- 03.93 111123 12 0.9 05.88- 03.93 111127 12 1.4	
[C16SEI]		09.89- 03.93 111166 14 70	09.89- 03.93 111123 12 0.9 09.89- 03.93 111127 12 1.4	
[E16SE]		05.88- 03.92 110077 14 50 05.88- 03.93 111166 14 70 05.88- 08.88 113376 14 55	05.88- 03.93 111123 12 0.9 05.88- 03.93 111127 12 1.4	
Corsa B 1.0 i 12V		[X10XE]	03.97- 111824 14 70	03.97- 111123 12 0.9
		Corsa B 1.2 i 16V	[X12XE]	01.98- 111824 14 70
Corsa B 1.2 i	[12NZ]		03.93- 09.00 111166 14 70	09.94- 09.00 111684 12 1.4
		03.93- 09.00 112229 14 70	09.94- 09.00 113276 12 1.1	
		03.93- 09.00 112689# 14 55		
	[C12NZ]	03.93- 111166 14 70	03.93- 09.97 111123 12 0.9	
		03.93- 112689# 14 55	03.93- 09.97 111127 12 1.4	
		03.93- 09.94 113376 14 55		
	[X12SZ]	AT 03.93- 111166 14 70		
		AC 03.93- 112229 14 70		
		03.93- 111166 14 70	03.93- 09.97 111123 12 0.9	
		03.93- 112689# 14 55 03.93- 09.94 113376 14 55 AT 03.93- 111166 14 70 AC 03.93- 112229 14 70	03.93- 09.97 111127 12 1.4	
Corsa B 1.4 i 16V	[C14SEL]	08.97- 09.00 111426 14 100 08.97- 09.00 112229 14 70	08.97- 09.00 111123 12 0.9	
	[X14XE]	09.94- 111426 14 100	09.94- 09.97 111123 12 0.9	
		09.94- 09.00 111514 14 100	09.94- 09.97 111127 12 1.4	
		09.94- 111732 14 120		
09.94- 112229 14 70				



Corsa B 1.4 i	[C14NZ]	03.93- 09.00	110077	14 50		03.93- 03.96	111123	12 0.9
		03.93- 03.96	111426	14 100		03.93- 03.96	111127	12 1.4
		03.93- 09.00	111514	14 100				
		03.93-	112229	14 70				
		03.93- 03.96	112689#	14 55				
		PS 03.93- 03.96	112229	14 70				
		AT 03.93-	111166	14 70				
		AC 03.93- 03.96	111732	14 120				
		AC 03.93- 03.96	112229	14 70				
		AC 09.93- 03.96	111426	14 100				
[X14SZ]	03.93- 09.00	110077	14 50		08.99- 09.00	111123	12 0.9	
	03.93- 09.00	111514	14 100		09.96- 08.98	113276	12 1.1	
	09.96- 08.98	111426	14 100					
	09.96- 09.00	112689#	14 55					
	ACPS 09.96- 09.00	112229	14 70					
Corsa B 1.4 Si	[C14SE]	03.93- 09.00	111514	14 100		03.93-	111127	12 1.4
		03.93-	111732	14 120		03.93-	111123	12 0.9
		03.93-	112229	14 70				
		03.93-	112689#	14 55				
		AC 03.93-	112229	14 70				
		AC 09.93-	111426	14 100				
Corsa B 1.5 Diesel	[15D (4EC1)]	03.93- 09.00	111515	14 70	Mot.nr. 877696-	03.93- 09.00	111534	12 1.4
		Chas. -L4999999 03.93-	111186	14 70	Mot.nr. -00877695	03.93- 09.00	111136	12 1.4
Corsa B 1.5 TD	[15DT (T4EC1)]	Eng. 00975025- 03.93-	111515	14 70	Chas. 877696-	09.94- 09.00	111534	12 1.4
		Eng. -00975024 03.93-	111186	14 70	03.93-	111136	12 1.4	
[X15DT (T4EC1)]	Eng. 00975025 04.96-	111515	14 70	Chas. 877696-	04.96- 09.00	111534	12 1.4	
	Eng. -00975024 04.96-	111186	14 70	04.96-	111136	12 1.4		
Corsa B 1.6 GSi 16V	[C16XE]	03.93-	111426	14 100	03.93- 09.97	111123	12 0.9	
		03.93-	112229	14 70	03.93- 09.97	111127	12 1.4	
Corsa B 1.6 i 16V	[C16SEL]	08.97- 09.00	111426	14 100	08.97- 09.00	111123	12 0.9	
		08.97- 09.00	112229	14 70				
	[X16XE]	09.94-	111426	14 100	09.94- 09.97	111123	12 0.9	
	09.94- 09.00	111514	14 100	09.94- 09.97	111127	12 1.4		
Corsa B 1.7 Diesel	[17D (4EE1)]	02.96- 09.00	111515	14 70	Mot.nr. 877696-	02.96- 09.00	111534	12 1.4
		Eng. -975024 03.93-	111186	14 70	Mot.nr. -00877695	03.93- 09.00	111136	12 1.4
		[X17D (4EE1)]	02.96- 09.00	111515	14 70	Mot.nr. -00877695	02.96- 09.00	111136
					Mot.nr. 877696-	02.96- 09.00	111534	12 1.4
Corsa C 1.0 Twinport	[Z10XEP]	06.03-	111824	14 70	06.03-	111123	12 0.9	
					06.03-	113276	12 1.1	
Corsa C 1.0 i 12V	[Z10XE]	09.00-	111824	14 70	Chas. -19P00893	09.00-	111123	12 0.9
					Chas. 19P00894-	09.00-	113276	12 1.1
Corsa C 1.2	[Z12XEP]				07.05-	113276	12 1.1	
Corsa C 1.2 Twinport	[Z12XEP]				07.04-	111123	12 0.9	
Corsa C 1.2 i 16V	[Z12XE]	09.00-	111824	14 70	09.00-	111123	12 0.9	
					09.00-	11684	12 1.4	
					09.00-	113276	12 1.1	
Corsa C 1.3 CDTi 16V	[Z13DT]	08.05-	113720	14 75 A49	08.05-	113719	12 1.3	
		08.05-	113722	14 90 A49	08.05-	113843	12 1.1	
		08.05-	114451	14 105	08.05-	115869	12 1.3 A49	
		08.05-	115308	14 120				
		08.05-	115963	14 90				
		08.05-	116064	14 75				
Corsa C 1.3 CDTi	[Z13DT]	06.03-	113720	14 75 A49	06.03-	113719	12 1.3	
		06.03-	113722	14 90 A49	06.03-	113843	12 1.1	
		06.03-	114451	14 105	06.03-	115869	12 1.3 A49	
		06.03-	115308	14 120				
		06.03-	115963	14 90				
		06.03-	116064	14 75				
Corsa C 1.4	[Z14XEP]	08.03-	115304*	14 120	08.03-	113276	12 1.1	
Corsa C 1.4 i 16V	[Z14XE]	09.00-	111990	14 70	09.00-	111123	12 0.9	
		09.00-	112416	14 100	09.00-	113276	12 1.1	
	[Z14XEP]				09.00-	111123	12 0.9	
Corsa C 1.4 Twinport	[Z14XEP]				06.03-	111123	12 0.9	
Corsa C 1.7 CDTi	[Z17DTH]	06.03-	113941	14 100	09.03-	112320	12 1.4	
Corsa C 1.7 CDTi SE	[Z17DTH]	08.03- 09.06	113941	14 100				
		08.03- 09.06	114121	14 110				
Corsa C 1.7 Diesel 16V	[Y17DTL]	09.00-	112272	14 70	09.00-	112320	12 1.4	
		AC 09.00-	112271	14 100				
Corsa C 1.7 DT	[Y17DTL]	09.00-	112272	14 70	09.00-	112320	12 1.4	
		AC 09.00-	112271	14 100				
Corsa C 1.7 DTi 16V	[Y17DT]	09.00-	112272	14 70	09.00-	112320	12 1.4	
		AC 09.00-	112271	14 100				
Corsa C 1.7 DTi	[Y17DT]	09.00-	112272	14 70	09.00-	112320	12 1.4	
		AC 09.00-	112271	14 100				
Corsa C 1.8 i 16V	[Z18XE]	09.00-	111990	14 70	09.00-	113276	12 1.1	
		09.00-	112416	14 100				
Corsa D 1.0	[A10XEP]	07.06-	114249	14 70	07.06-	113276	12 1.1	
		[Z10XEP]	07.06-	114249	14 70			
Corsa D 1.2	[A12XEL]	06.10-	114249	14 70	06.10-	113276	12 1.1	
		06.10-	114492	14 100	06.10-	115719	12 1.1	
		06.10-	115304*	14 120	06.10-	115646	12 1.1	
				06.10-	115395	12 1.1		
	[A12XER]	06.10-	114249	14 70	06.10-	113276	12 1.1	
		06.10-	114492	14 100	06.10-	115646	12 1.1	
				06.10-	115395	12 1.1		
			06.10-	115719	12 1.1			
	[Z12XEP]	07.06-	114249	14 70	07.06-	113276	12 1.1	
Corsa D 1.2 LPG	[A12XER]	06.11-	114249	14 70	06.11-	115646	12 1.1	
		06.11-	114492	14 100	06.11-	115719	12 1.1	
		08.11-	115304*	14 120	08.11-	115395	12 1.1	
Corsa D 1.2 Ecoflex	[Z12XEP]	09.09-	114249	14 70	09.09-	113276	12 1.1	
Corsa D 1.2 LPG	[Z12XEP]	09.09-	114249	14 70	09.09-	113276	12 1.1	
		09.09-	114492	14 100				

## STARTERS & ALTERNATORS

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Application list

**OPEL** *Continued*

Corsa D 1.3 CDTi	[A13DTC]	07.06-	113722	14 90	A49	07.06-	115570	12 1.4
		07.06-	114409	14 100		07.06-	114029	12 1.8
		07.06-	114754	14 120				
		07.06-	114895	14 70				
		07.06-	115963	14 90				
	[A13DTE]	06.10-	113722	14 90	A49	06.10-	115570	12 1.4
		06.10-	114754	14 120				
		06.10-	114895	14 70				
		06.10-	115963	14 90				
	[A13DTR]	06.10-	113722	14 90	A49	06.10-	115570	12 1.4
		06.10-	114409	14 100		06.10-	114029	12 1.8
		06.10-	114754	14 120				
		06.10-	114895	14 70				
		06.10-	115963	14 90				
	[Z13DTE]	06.10-	113722	14 90	A49	06.10-	114029	12 1.8
		06.10-	114409	14 100		06.10-	115570	12 1.4
		06.10-	114754	14 120				
		06.10-	114895	14 70				
		06.10-	115963	14 90				
	[Z13DTH]	07.06-	114409	14 100		07.06-	113843	12 1.1
07.06-		114754	14 120		07.06-	114029	12 1.8	
07.06-		114895	14 70					
[Z13DTJ]	07.06-	113722	14 90	A49	07.06-	113843	12 1.1	
	07.06-	114409	14 100		07.06-	114029	12 1.8	
	07.06-	114754	14 120		07.06-	115570	12 1.4	
	07.06-	114895	14 70					
	07.06-	115963	14 90					
Corsa D 1.4	[A14XER]	06.10-	114249	14 70		06.10-	113276	12 1.1
		06.10-	114492	14 100		06.10-	115395	12 1.1
	[Z14XEP]	06.10-	114249	14 70		06.10-	115646	12 1.1
		06.10-	114492	14 100		06.10-	115719	12 1.1
[Z14XEP]	07.06-	114249	14 70		07.06-	113276	12 1.1	
	07.06-	115304*	14 120					
Corsa D 1.4 LPG	[A14XEL]	09.09-	114249	14 70		09.09-	113276	12 1.1
	[Z14XEP]	07.06-	114249	14 70		07.06-	113276	12 1.1
		07.06-	114492	14 100				
		07.06-	115304*	14 120				
Corsa D 1.4 Ecoflex	[Z14XEL]	09.09-	114249	14 70		09.09-	115395	12 1.1
		09.09-	114492	14 100		09.09-	115719	12 1.1
Corsa D 1.6 Turbo	[A16LEL]	02.07-	115843	14 120		02.07-	114298	12 1.1
	[A16LER]	02.07-	115843	14 120		02.07-	114298	12 1.1
	[A16LES]	06.11-	115843	14 120		06.11-	114298	12 1.1
	[B16LER]	02.07-	115843	14 120		02.07-	114298	12 1.1
	[B16LES]	06.11-	115843	14 120		06.11-	114298	12 1.1
	[Z16LEL]	02.07-	115843	14 120		02.07-	114298	12 1.1
	[Z16LER]	02.07-	115843	14 120		02.07-	114298	12 1.1
Corsa D 1.7 CDTi 16V	[A17DTS]	06.10-	114665	14 100				
Corsa D 1.7 CDTi	[Z17DTR]	07.06-	114665	14 100				
Corsa E 1.2	[B12XEL]					09.14-	115395	12 1.1
Corsa E 1.2 Van	[B12XEL]					01.15-	115395	12 1.1
Corsa E 1.4	[B14XEJ]					09.14-	115395	12 1.1
	[B14XEL]					09.14-	115395	12 1.1
Corsa E 1.4 Van	[B14XEJ]					09.14-	115395	12 1.1
	[B14XEL]					09.14-	115395	12 1.1
Corsa E 1.4 Turbo	[B14NEH]					03.15-	115395	12 1.1
	[B14NEJ]					09.14-	115395	12 1.1
Corsa E 1.4 LPG	[B14XEL]					03.15-	115395	12 1.1
Corsa E 1.6 Turbo	[B16LES]					03.15-	114298	12 1.1
Corsa MK IV 1.2	[B12XEL]					08.14-	115395	12 1.1
Corsa MK IV 1.4	[B14NEL]					08.14-	115395	12 1.1
	[B14XEL]					08.14-	115395	12 1.1
						07.15-	115395	12 1.1
Corsa MK IV 1.6 VXR	[B16LES]					04.15-	114298	12 1.1
Corsavan E 1.2	[B12XEL]					10.14-	115395	12 1.1
Frontera A 2.0 i Sport	[C20NE]	03.92- 08.95	111169	14 70		03.92- 08.95	110847	12 1.4 BO
		03.92- 10.98	111514	14 100		03.92- 08.95	111122	12 1.0 DR
	[X20SE]	03.92- 10.98	111514	14 100				
		02.95- 10.98	111426	14 100				
	AC 02.95- 10.98	111732	14 120					
Frontera A 2.2 i	[X22XE]	03.95-	111426	14 100		03.95-	111848	12 1.0
		03.95- 10.98	111514	14 100				
		AC 03.95-	111732	14 120				
Frontera A 2.3 TD	[Z23DTR]	03.92- 08.95	111164	14 70		03.92- 08.95	110844	12 2.2
Frontera A 2.5 TDS	[Z25TDS]					06.96-	111724	12 2.0
Frontera A 2.5 TDS Sport	[Z25TDS]					06.96-	111724	12 2.0
Frontera A 2.8 TD	[28TDI (4JB1T)]	03.95- 10.98	110077	14 50		03.92- 08.98	110807	12 0.85
		03.95-	111767	14 80		03.95-	111559	12 2.0
	[4JB1T]	03.95- 08.96	110077	14 50		03.92- 08.98	110807	12 0.85
		03.95- 08.96	111767	14 80		03.95- 08.96	111559	12 2.0
Frontera B 2.2 i	[X22SE]	02.95-	111426	14 100		02.95-	111848	12 1.0
		AC 02.95-	111732	14 120				
	[Y22SE]					02.95-	111848	12 1.0
Frontera B 2.2 DTi	[Y22DTH]					09.02-	113674	12 2.0
GT 1.1	[11SR]	09.68- 12.70	110077	14 50		09.68- 12.70	110364	12 0.65
GT 2.0 GT	[LNF]					06.07-	115575	12 1.4
	[Z20NHH]					06.07-	115575	12 1.4
Insignia 1.4 Sports Tourer	[A14NET]	09.11-	114727*	14 130		09.11-	115395	12 1.1
						09.11-	115646	12 1.1
Insignia 1.4 Turbo	[A14NET]	04.11-	114727*	14 130		04.11-	115395	12 1.1
						04.11-	115646	12 1.1
Insignia 1.4 LPG	[A14NET]	07.12-	114727*	14 130		07.12-	115395	12 1.1
						07.12-	115646	12 1.1
Insignia 1.4 Sports Tourer	[A14NET]	07.12-	114727*	14 130		07.12-	115395	12 1.1
						07.12-	115646	12 1.1
Insignia 1.6	[A16LET]	07.08-	114779	14 100		07.08-	114298	12 1.1
	[A16XER]	07.08-	114779	14 100		07.08-	114298	12 1.1

## STARTERS & ALTERNATORS



Insignia 1.6 Caravan	[A16XER]	07.08-	114779	14	100	07.08-	114298	12	1.1
Insignia 1.6 Turbo	[A16LET]	07.08-	114779	14	100	07.08-	114298	12	1.1
Insignia 1.8	[A18XER]	07.08-	114779	14	100	07.08-	114298	12	1.1
Insignia 1.8 Caravan	[A18XER]	07.08-	114779	14	100	07.08-	114298	12	1.1
Insignia 2.0 Turbo	[A20NHT]	07.08-	116008*	14	100	07.08-	115575	12	1.4
Insignia 2.0 Turbo 4x4	[A20NFT]	09.11-	116008*	14	100	09.11-	115575	12	1.4
	[A20NHT]	07.08-	116008*	14	100	07.08-	115575	12	1.4
						07.08-	115773	12	1.3
Insignia 2.0 Turbo 4x4 Sports Tourer	[A20NFT]	09.11-	116008*	14	100	09.11-	115575	12	1.4
Insignia 2.0 Turbo Caravan	[A20NHT]	07.08-	116008*	14	100	07.08-	115575	12	1.4
Insignia 2.0 Turbo E85 Turbo	[A20NFT]	09.10-	116008*	14	100	09.10-	115575	12	1.4
	[A20NHT]	09.10-	116008*	14	100	09.10-	115575	12	1.4
Insignia 2.0 BiTurbo CDTI	[A20DTR]	01.12-	114202	14	100	01.12-	113931	12	1.7
		01.12-	114847*	14	140				
		01.12-	115526	14	100				
		01.12-	115583	14	120				
Insignia 2.0 BiTurbo CDTI 4x4	[A20DTR]	01.12-	114202	14	100	01.12-	113931	12	1.7
		01.12-	114847*	14	140				
		01.12-	115526	14	100				
		01.12-	115583	14	120				
Insignia 2.0 BiTurbo CDTI 4x4 Sports Tourer	[A20DTR]	01.12-	114202	14	100	01.12-	113931	12	1.7
		01.12-	114847*	14	140				
		01.12-	115526	14	100				
		01.12-	115583	14	120				
Insignia 2.0 BiTurbo CDTI Sports Tourer	[A20DTR]	01.12-	114202	14	100	01.12-	113931	12	1.7
		01.12-	114847*	14	140				
		01.12-	115526	14	100				
		01.12-	115583	14	120				
Insignia 2.0 CDTI	[A20DT]	07.08-	114202	14	100	07.08-	113931	12	1.7
		07.08-	114847*	14	140	07.08-	114058	12	1.7
		07.08-	115583	14	120				
	[A20DTC]	07.08-	114202	14	100	07.08-	113931	12	1.7
		07.08-	114847*	14	140	07.08-	114058	12	1.7
		07.08-	115526	14	100				
		07.08-	115583	14	120				
	[A20DTE]					07.13-	113931	12	1.7
						03.12-	115768	12	2.2
	[A20DTH]	07.08-	115526	14	100	07.08-	113931	12	1.7
						07.13-	114058	12	1.7
						07.13-	115768	12	2.2
	[A20DTJ]	07.08-	114202	14	100	07.08-	113931	12	1.7
		07.08-	114847*	14	140	07.08-	114058	12	1.7
		07.08-	115526	14	100				
		07.08-	115583	14	120				
	[A20DTL]	07.08-	114202	14	100	07.08-	113931	12	1.7
		07.08-	114847*	14	140	07.08-	114058	12	1.7
		07.08-	115583	14	120				
	[A20DTR]	07.08-	114202	14	100	07.08-	113931	12	1.7
		07.08-	114847*	14	140	07.08-	114058	12	1.7
		07.08-	115526	14	100				
		07.08-	115583	14	120				
Insignia 2.0 CDTI 4x4	[A20DTH]	06.10-	114202	14	100	06.10-	113931	12	1.7
		06.10-	114847*	14	140				
		06.10-	115526	14	100				
		06.10-	115583	14	120				
	[A20DTR]	07.08-	114202	14	100	07.08-	113931	12	1.7
		07.08-	114847*	14	140	07.08-	114058	12	1.7
		07.08-	115526	14	100				
		07.08-	115583	14	120				
Insignia 2.0 CDTI 4x4 Sports Tourer	[A20DTH]	07.13-	114847*	14	140	07.13-	113931	12	1.7
		07.13-	115526	14	100				
Insignia 2.0 CDTI Caravan	[A20DT]	07.08-	114202	14	100	07.08-	113931	12	1.7
		07.08-	114847*	14	140	07.08-	114058	12	1.7
		07.08-	115583	14	120				
	[A20DTC]	07.08-	114202	14	100	07.08-	113931	12	1.7
		07.08-	114847*	14	140	07.08-	114058	12	1.7
		07.08-	115526	14	100				
		07.08-	115583	14	120				
	[A20DTH]	07.08-	115526	14	100	07.08-	113931	12	1.7
	[A20DTJ]	07.08-	114202	14	100	07.08-	113931	12	1.7
		07.08-	114847*	14	140	07.08-	114058	12	1.7
		07.08-	115526	14	100				
		07.08-	115583	14	120				
	[A20DTL]	07.08-	114202	14	100	07.08-	113931	12	1.7
		07.08-	114847*	14	140	07.08-	114058	12	1.7
		07.08-	115583	14	120				
	[A20DTR]	07.08-	114202	14	100	07.08-	113931	12	1.7
		07.08-	114847*	14	140	07.08-	114058	12	1.7
		07.08-	115526	14	100				
		07.08-	115583	14	120				
Insignia 2.0 CDTI Sports Tourer	[A20DTE]	07.13-	114847*	14	140	07.13-	113931	12	1.7
						07.13-	115768	12	2.2 A49
	[A20DTH]	07.13-	115526	14	100				
Insignia 2.0 Turbo E85 Turbo	[A20NFT]	07.08-	116008*	14	100	07.08-	115575	12	1.4
Insignia 2.8 Turbo V6 4x4	[A28NET]					07.08-	115597	12	1.4
Insignia 2.8 Turbo V6 Caravan 4x4	[A28NET]					07.08-	115597	12	1.4
Insignia Sports Tourer 2.0 Turbo	[A20NHT]	04.14-	116008*	14	100	04.14-	115575	12	1.4
Kadett B 1.1	[11N]	09.65- 08.73	110077	14	50	09.65- 08.73	110364	12	0.65
	[11S]	09.65- 07.71	110077	14	50	09.65- 07.71	110364	12	0.65
	[11SR]	11.66- 07.71	110077	14	50	11.66- 07.71	110364	12	0.65
Kadett B 1.1 S	[11S]	09.65- 07.71	110077	14	50	09.65- 07.71	110364	12	0.65
Kadett B 1.1 SR	[11SR]	11.66- 07.71	110077	14	50	11.66- 07.71	110364	12	0.65
Kadett B 1.2	[12S]	08.71- 08.73	110077	14	50	08.71- 08.73	110364	12	0.65
Kadett B 1.2 S	[12S]	08.71- 08.73	110077	14	50	08.71- 08.73	110364	12	0.65

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**OPEL** *Continued*

Kadett C 1.0	[10N]	01.74- 07.79	110077	14 50	01.74- 07.79	110364	12 0.65
Kadett C 1.0 City	[10N]	05.75- 07.79	110077	14 50	01.76- 07.79	110364	12 0.65
Kadett C 1.2	[12N]	08.73- 07.79	110077	14 50	08.73- 07.79	110364	12 0.65
Kadett C 1.2 City	[12N]	05.75- 07.79	110077	14 50	01.76- 07.79	110364	12 0.65
Kadett C 1.2 S	[12S]	08.73- 07.79	110077	14 50	08.73- 07.79	110364	12 0.65
Kadett C 1.2 S City	[12S]	08.73- 07.79	110077	14 50	08.73- 07.79	110364	12 0.65
Kadett D 1.0	[10S]				08.79- 08.84	110364	12 0.65
Kadett D 1.2	[12N]	08.79- 07.82	110077	14 50	08.79- 07.82	110364	12 0.65
Kadett D 1.2 S	[12S]	08.79- 08.84	110077	14 50	08.79- 08.84	110364	12 0.65
	[12ST]	08.82- 08.84	110077	14 50	08.82- 08.84	111055	12 0.7
		08.82- 08.84	111656	14 45			
Kadett D 1.3	[13N]	08.79- 08.84	110077	14 50	08.79- 08.84	111055	12 0.7
		08.79- 08.84	111656	14 45			
		08.79- 08.84	113376	14 55			
Kadett D 1.3 N	[C13N]	08.79- 08.84	111166	14 70	08.79- 08.84	111055	12 0.7
		08.79- 08.84	111656	14 45			
		08.79- 08.84	113376	14 55			
Kadett D 1.3 S	[13S]	08.79- 08.84	110077	14 50	08.79- 08.84	111055	12 0.7
		08.79- 08.84	111166	14 70			
		08.79- 08.84	111656	14 45			
		08.79- 08.84	113376	14 55			
Kadett D 1.6 S	[16SH]	09.81- 08.84	111168	14 55			
Kadett D 1.6 Diesel	[16D]	03.82- 08.84	110972	14 65	03.82- 08.84	110839	12 1.7
Kadett D 1.8 GT/E	[18E]	02.83- 08.84	111168	14 55			
Kadett E 1.2	[12SC]	09.84- 07.86	110077	14 50	09.84- 07.86	110364	12 0.65
Kadett E 1.2 S	[12SC]	09.84- 07.86	110077	14 50	09.84- 07.86	110364	12 0.65
Kadett E 1.3	[13N]	09.84- 08.91	111166	14 70	09.84- 08.91	111055	12 0.7
		09.84- 07.89	111656	14 45			
		09.84- 07.89	113376	14 55			
	[13NB]	09.84- 08.91	111166	14 70	09.84- 08.91	111055	12 0.7
		09.84- 07.89	111656	14 45			
		09.84- 07.89	113376	14 55			
Kadett E 1.3 Combo	[13N]	01.86- 12.89	111166	14 70	01.86- 12.89	111055	12 0.7
		01.86- 12.89	111656	14 45			
		01.86- 12.89	113376	14 55			
Kadett E 1.3 i	[C13N]	09.85- 08.91	111166	14 70	09.85- 08.91	111055	12 0.7
		09.85- 08.86	111656	14 45			
		09.85- 08.88	113376	14 55			
Kadett E 1.3 S	[13S]	09.84- 08.87	111166	14 70	09.84- 08.87	111055	12 0.7
		09.84- 08.91	111656	14 45			
		09.84- 08.87	113376	14 55			
Kadett E 1.3 S Combo	[13S]	01.86- 12.89	111166	14 70	01.86- 12.89	111055	12 0.7
		01.86- 12.89	111656	14 45			
		01.86- 12.89	113376	14 55			
Kadett E 1.4 Combo	[14NV]	07.89- 08.91	111166	14 70	07.89- 08.91	111055	12 0.7
Kadett E 1.4 i	[C14NZ]	09.89- 08.91	111656	14 45	01.90- 08.91	111123	12 0.9
		01.90- 08.91	111166	14 70	01.90- 08.91	111055	12 0.7
					01.90- 08.91	111127	12 1.4
Kadett E 1.4 i Combo	[C14NZ]	08.91- 07.94	111166	14 70	08.91- 07.94	111055	12 0.7
Kadett E 1.4 S	[14NV]	01.90- 08.91	111166	14 70	01.90- 08.91	111055	12 0.7
	[C14SE]	09.89- 08.91	111166	14 70	09.89- 08.91	111123	12 0.9
Kadett E 1.5 TD	[15DT (14EC1)]				07.88- 08.91	111274	12 1.2
Kadett E 1.6	[16SH]	09.86- 06.93	111166	14 70	09.86- 06.93	111123	12 0.9
		09.86- 06.93	111168	14 55			
	[16SV]	09.86- 08.91	110077	14 50	09.86- 08.88	111055	12 0.7
		09.86- 08.91	111166	14 70	09.86- 08.91	111123	12 0.9
		09.88- 08.91	111169	14 70	09.86- 08.91	111127	12 1.4
Kadett E 1.6 Combo	[16SV]	09.86- 12.91	110077	14 50	09.86- 12.91	111055	12 0.7
		09.86- 08.88	111166	14 70	09.86- 12.91	111123	12 0.9
		09.88- 12.91	111169	14 70	09.86- 12.91	111127	12 1.4
Kadett E 1.6 i	[16SV]	07.89- 02.93	111166	14 70	07.89- 02.93	111123	12 0.9
		PS 07.89- 02.93	111170	14 65	07.89- 02.93	111127	12 1.4
	[C16LZ]	09.86- 08.88	111656	14 45	09.88- 08.91	111127	12 1.4
		09.86- 08.88	113376	14 55	09.86- 08.88	111055	12 0.7
		09.88- 08.91	111166	14 70	09.88- 08.91	111123	12 0.9
		PS 09.86- 08.91	111170	14 65			
	[C16NZ]	09.86- 08.88	111656	14 45	09.88- 08.91	111127	12 1.4
		09.86- 08.88	113376	14 55	09.86- 08.88	111055	12 0.7
		09.88- 09.93	111166	14 70	09.88- 09.93	111123	12 0.9
		PS 09.86- 09.93	111170	14 65			
	[E16NZ]	09.86- 08.88	111656	14 45	09.88- 08.91	111127	12 1.4
		09.86- 08.88	113376	14 55	09.86- 08.88	111055	12 0.7
		09.88- 08.91	111166	14 70	09.88- 08.91	111123	12 0.9
		PS 09.86- 08.91	111170	14 65			
Kadett E 1.6 i Combo	[C16NZ]	08.91- 07.94	111166	14 70	08.91- 07.94	111123	12 0.9
		PS 08.91- 07.94	111170	14 65			
Kadett E 1.6 S	[16SH]	09.84- 08.86	111168	14 55	09.84- 08.86	111684	12 1.4
	[16SV]	09.86- 08.91	110077	14 50	09.86- 08.88	111055	12 0.7
		09.86- 08.91	111166	14 70	09.86- 08.91	111123	12 0.9
		09.88- 08.91	111169	14 70	09.86- 08.91	111127	12 1.4
					09.86- 08.91	111684	12 1.4
Kadett E 1.6 Diesel	[16D]	08.84- 01.89	110972	14 65	08.84- 09.85	110839	12 1.7
		08.84- 01.89	112056	14 70			
	[16DA]	08.84- 01.89	110972	14 65	08.84- 09.85	110839	12 1.7
		08.84- 01.89	112056	14 70			
Kadett E 1.6 Diesel Combo	[16DA]	01.86- 12.89	110972	14 65			
		01.86- 12.89	112056	14 70			
Kadett E 1.7 Diesel	[17D]	08.88- 09.92	112056	14 70	02.89- 08.91	110839	12 1.7
		02.89- 08.91	111168	14 55	W		
	[17DR]	02.89- 08.91	112056	14 70			
Kadett E 1.7 Diesel Combo	[17D]	01.89- 07.94	112056	14 70			
Kadett E 1.8	[18E]				09.86- 08.91	110847	12 1.4
					09.86- 08.91	111122	12 1.0
	[18SE]	12.88- 08.91	110972	14 65			
		12.88- 08.91	111166	14 70			
		12.88- 08.91	111168	14 55			



	[C18NE]	10.85- 08.86	111168	14	55				
Kadett E 1.8 E	[C18NE]	10.85- 08.86	111168	14	55				
Kadett E 1.8 GSi	[18E]					09.84- 08.86	110847	12	1.4 BO
		09.84- 08.86	111168	14	55		111122	12	1.0 DR
Kadett E 1.8 i	[18E]	09.84- 08.86	111168	14	55	09.84- 08.86	110847	12	1.4
	[18SV]	09.90- 08.91	111168	14	55				
	[C18NE]	10.85- 08.86	111168	14	55				
	[C18NT]	08.84- 09.92	111168	14	55				
	[C18NZ]	09.90- 08.91	111168	14	55				
		09.90- 08.91	111169	14	70	09.90- 08.91	111122	12	1.0 DR
		09.90- 08.91	111169	14	70	09.90- 08.91	110847	12	1.4 BO
	[S18NV]	09.86- 08.91	111168	14	55				
Kadett E 1.8 S	[E18NV]	09.87- 08.91	111168	14	55	09.87- 08.91	110847	12	1.4 BO
		09.88- 08.91	111169	14	70	09.87- 08.91	111122	12	1.0 DR
	[S18NV]	09.87- 08.91	111168	14	55	09.87- 08.91	110847	12	1.4 BO
		09.88- 08.91	111169	14	70	09.87- 08.91	111122	12	1.0 DR
Kadett E 2.0	[20NE]	09.86- 08.91	111168	14	55	09.86- 08.91	110847	12	1.4 BO
		09.88- 08.91	111169	14	70	09.86- 08.91	111122	12	1.0 DR
	[20SEH]	09.86- 08.91	111168	14	55	09.86- 08.91	110847	12	1.4 BO
		09.88- 08.91	111169	14	70	09.86- 08.91	111122	12	1.0 DR
Kadett E 2.0 GSi 16V	[20XE]					12.87- 08.91	110847	12	1.4
	[20XEJ]	03.88- 08.88	110972	14	65	03.88- 08.91	110847	12	1.4 BO
		03.88- 08.91	112056	14	70	03.88- 08.91	111122	12	1.0 DR
	[C20XE]	03.88- 08.88	110972	14	65	03.88- 08.91	110847	12	1.4 BO
		03.88- 08.91	112056	14	70	03.88- 08.91	111122	12	1.0 DR
Kadett E 2.0 GSi	[C20NE]	09.86- 08.91	111168	14	55	09.86- 08.91	110847	12	1.4 BO
		09.88- 08.91	111169	14	70	09.86- 08.91	111122	12	1.0 DR
Kadett E 2.0 i	[20NE]	09.86- 08.91	111168	14	55	09.86- 08.91	110847	12	1.4 BO
		09.88- 08.91	111169	14	70	09.86- 08.91	111122	12	1.0 DR
	[C20NE]	09.86- 08.91	111168	14	55	09.86- 08.91	110847	12	1.4 BO
		09.88- 08.91	111169	14	70	09.86- 08.91	111122	12	1.0 DR
Manta A 1.2	[12S]	04.72- 08.75	110077	14	50	04.72- 08.75	110364	12	0.65
Manta B 1.2	[12N]	08.76- 07.83	110077	14	50	08.76- 07.83	110364	12	0.65
	[12S]	09.75- 02.79	110077	14	50	09.75- 02.79	110364	12	0.65
Manta B 1.3	[13N]	03.79- 12.80	111656	14	45	03.79- 12.80	111055	12	0.7
		03.79- 12.80	113376	14	55				
Manta B 1.3 S	[13S]	08.79- 08.86	111656	14	45	08.79- 08.86	111055	12	0.7
		08.79- 08.86	113376	14	55				
		09.84- 08.86	111166	14	70				
Manta B 1.8 S	[18S]	07.82- 08.87	111168	14	55				
Meriva 1.4 16V Twinport LPG	[Z14XEP]	07.04- 05.10	113722	14	90 A49	07.04- 05.10	113276	12	1.1
		07.04- 05.10	114249	14	70				
		07.04- 05.10	115963	14	90				
Meriva A 1.3 CDTi	[Y13DT]	04.05-	114451	14	105				
		04.05-	115308	14	120				
	[Z13DT]	04.05-	114451	14	105	04.05-	113843	12	1.1
		04.05-	115308	14	120				
	[Z13DTJ]	09.03-	113722	14	90 A49	09.03-	113843	12	1.1
		09.03-	114451	14	105				
		09.03-	115308	14	120				
		09.03-	115963	14	90				
Meriva A 1.4 16V Twinport	[Z14XEP]	07.04-	114249	14	70	07.04-	111123	12	0.9
Meriva A 1.6	[Z16SE]	05.03-	111990	14	70	03.03-	111684	12	1.4
		05.03-	112416	14	100	05.03-	113276	12	1.1
		05.03-	115619	14	120				
	[Z16XEP]	01.06-	114431	14	120	01.06-	114298	12	1.1
Meriva A 1.6 16V	[Z16XE]	05.03-	111990	14	70	03.03-	111684	12	1.4
		05.03-	112416	14	100	05.03-	113276	12	1.1
		05.03- 01.06	115619	14	120				
Meriva A 1.6 Turbo	[Z16LET]	09.05-	114431	14	120	09.05-	114298	12	1.1
		09.05-	115843	14	120				
Meriva A 1.7 CDTi	[A17DTR]	09.06-	114665	14	100				
	[Z17DT]	09.03-	112271	14	100	09.03-	112320	12	1.4
		09.03-	112272	14	70				
		09.03-	113941	14	100				
	[Z17DTH]	09.03-	112272	14	70	09.03-	112320	12	1.4
		09.03-	113941	14	100				
		AC 09.03-	112271	14	100				
	[Z17DTR]	09.06-	114665	14	100				
Meriva A 1.7 DTi	[Y17DT]	09.03-	112272	14	70	09.02-	112320	12	1.4
		AC 09.03-	112271	14	100				
Meriva A 1.8	[Z18XE]	09.02-	112416	14	100	09.02-	113276	12	1.1
		05.03-	111990	14	70				
		05.03-	115619	14	120				
Meriva B 1.3 CDTi	[A13DTC]	06.10-	114409	14	100	06.10-	114029	12	1.8
		06.10-	114754	14	120				
		06.10-	114895	14	70				
	[A13DTE]	06.10-	114409	14	100	06.10-	114029	12	1.8
		06.10-	114754	14	120				
		06.10-	114895	14	70				
Meriva B 1.4 Ecoflex	[A14NEL]	06.10-	114727*	14	130	06.10-	115395	12	1.1
						06.10-	115646	12	1.1
						06.10-	115719	12	1.1
	[B14NEL]	06.10-	114727*	14	130	06.10-	115646	12	1.1
						06.10-	115719	12	1.1
Meriva B 1.4 Ecotec	[A14NET]	06.10-	114727*	14	130	06.10-	115395	12	1.1
						06.10-	115646	12	1.1
						06.10-	115719	12	1.1
	[A14XER]	06.10-	114727*	14	130	06.10-	115395	12	1.1
						06.10-	115646	12	1.1
						06.10-	115719	12	1.1
	[B14NET]	06.10-	114727*	14	130	06.10-	115395	12	1.1
						06.10-	115646	12	1.1
						06.10-	115719	12	1.1
	[B14XER]	06.10-	114727*	14	130	06.10-	115395	12	1.1
						06.10-	115646	12	1.1
						06.10-	115719	12	1.1

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**OPEL** *Continued*

Meriva B 1.4	[A14NEL]	06.11-	114727*	14 130	06.11-	115395	12 1.1
					06.11-	115646	12 1.1
					06.11-	115719	12 1.1
	[B14NEL]	06.11-	114727*	14 130	06.11-	115395	12 1.1
					06.11-	115646	12 1.1
					06.11-	115719	12 1.1
Meriva B 1.7 CDTi	[A17DTC]	06.10-	114665	14 100	06.10-	112320	12 1.4
					A25 06.10-	115830	12 2.0
	[A17DTI]	06.10-	114665	14 100	06.10-	112320	12 1.4
					A25 06.10-	115830	12 2.0
	[A17DTS]	06.10-	114665	14 100	06.10-	112320	12 1.4
					A25 06.10-	115830	12 2.0
Meriva B 1.7 CDTi Ecotec	[A17DTI]	06.10-	114665	14 100			
Mokka 1.4	[A14NET]	04.13-	114727*	14 130	04.13-	115395	12 1.1
					04.13-	115646	12 1.1
Mokka 1.4 4x4	[A14NET]	06.12-	114727*	14 130	06.12-	115395	12 1.1
					06.12-	115646	12 1.1
					04.13-	115646	12 1.1
Mokka 1.4 LPG	[A14NET]	04.13-	114727*	14 130			
Mokka 1.6	[A16XER]	06.12-	115861	14 140			
Mokka 1.7 CDTi	[A17DTS]	06.12-	115396*	14 140	06.12-	112320	12 1.4
					06.12-	115830	12 2.0
Mokka 1.7 CDTi 4x4	[A17DTS]	06.12-	115396*	14 140	06.12-	112320	12 1.4
					06.12-	115830	12 2.0
Mokka 1.8	[A18XER]	01.13-	115861	14 140	01.13-	114298	12 1.1
Mokka 1.8 4x4	[A18XER]	01.13-	115861	14 140	01.13-	114298	12 1.1
Monterey A 3.1 TD	[4JG2TC]	09.91- 12.97	111267	14 50	09.91- 12.97	112083	12 2.8
		09.91- 12.97	112228	14 60			
		03.92- 12.97	111767	14 80			
Monterey A 3.2	[6VD1]				01.91-	113402	12 1.4
Monterey B 3.0 DTi	[4JX1]	07.98- 08.99	112673	14 70	04.98- 12.99	112083	12 2.8
		07.98- 08.99	113698	14 90			
Monterey B 3.5 V6 24V	[6VE1]				07.98- 08.99	113402	12 1.4
Movano 1.9 DTi	[F9Q772]	10.01-	112471	14 125	10.01-	112474	12 1.8
		10.01-	113248	14 120			
	[F9Q774]	10.01-	113248	14 120	10.01-	112474	12 1.8
		AC 10.01-	112471	14 125			
Movano 2.2 DTi	[G9T720]	09.00-	112471	14 125	09.00-	112475	12 2.1
		09.00-	113248	14 120			
		AC 09.00-	113245	14 125			
	[G9T722]	09.00-	112471	14 125	09.00-	112475	12 2.1
		09.00-	113245	14 125			
		09.00-	113248	14 120			
	[G9T750]	09.00-	112471	14 125	09.00-	112475	12 2.1
		09.00-	113245	14 125			
		09.00-	113248	14 120			
Movano 2.3 CDTi	[M9T670]	12.10-	114826	14 185	12.10-	114074	12 2.2
	[M9T672]	12.10-	114826	14 185	12.10-	114074	12 2.2
	[M9T676]	12.10-	114826	14 185	12.10-	114074	12 2.2
	[M9T678]				12.10-	114074	12 2.2
	[M9T680]	12.10-	114826	14 185	12.10-	114074	12 2.2
	[M9T694]	01.13-	114826	14 185	12.10-	114074	12 2.2
	[M9T696]	01.13-	114826	14 185	01.13-	114074	12 2.2
	[M9T698]	01.13-	114826	14 185	01.13-	114074	12 2.2
	[M9T702]	05.14-	114826	14 185	05.14-	114074	12 2.2
		05.14-	115356	14 150			
	[M9T870]	05.14-	114826	14 185	05.14-	114074	12 2.2
		05.14-	115356	14 150			
		[M9T880]	01.13-	114826	14 185	01.13-	114074
Movano 2.5 CDTi	[G9U632]	08.06-	113837	14 150	08.06-	112475	12 2.1
	[G9U650]	08.06-	113837	14 150	08.06-	112475	12 2.1
	[G9U754]	10.03- 12.06	113837	14 150	10.03- 12.06	112475	12 2.1
Movano 2.5 CDTi Combi	[G9U632]	08.06-	113837	14 150	08.06-	112475	12 2.1
	[G9U650]	08.06-	113837	14 150	08.06-	112475	12 2.1
Movano 2.5 Diesel	[SBU770]	07.98- 09.00	111937	14 75	07.98- 09.00	112103	12 2.2
		01.99-	113248	14 120			
		AC 07.98-	112057	14 110			
		AC 01.99-	112471	14 125			
	[SBU772]	07.98- 09.01	111937	14 75	07.98- 09.01	112103	12 2.2
		07.98- 09.00	112057	14 110			
		01.99- 09.00	112471	14 125			
		01.99- 09.00	113248	14 120			
		AC 01.99- 09.00	112057	14 110			
Movano 2.5 DTi	[G9U720]	10.01-	112471	14 125	10.01-	112475	12 2.1
		10.01-	113245	14 125			
		10.01-	113248	14 120			
		AC 10.01-	113245	14 125			
	[G9U724]	10.01-	112471	14 125	10.01-	112475	12 2.1
		10.01-	113245	14 125			
		10.01-	113248	14 120			
		10.01-	114700	14 150			
	[G9U750]	10.01-	112471	14 125	10.01-	112475	12 2.1
		10.01-	113245	14 125			
	10.01-	113248	14 120				
	10.01-	114700	14 150				
	[G9U754]	10.01-	112471	14 125	10.01-	112475	12 2.1
	10.01-	113245	14 125				
	10.01-	113248	14 120				
	10.01-	114700	14 150				
	10.03-	113837	14 150				
Movano 2.8 DTi	[S9W700]	07.98- 10.01	111937	14 75	07.98- 10.01	112103	12 2.2
	[S9W702]	07.98- 10.01	111937	14 75	07.98- 10.01	112103	12 2.2
Movano 3.0 DTi	[ZD3200]	10.03-	113993	14 135	10.03-	114032	12 2.5
		10.03-	115317	14 120			
	[ZD3202]	10.03-	113993	14 135	10.03-	114032	12 2.5
		10.03-	115317	14 120			



Movano B 2.3 CDTi	[M9T700]	05.14- 05.14-	114826 115356	14 185 14 150		05.14-	114074	12 2.2	
	[M9T702]	05.14- 05.14-	114826 115356	14 185 14 150		05.14-	114074	12 2.2	
	[M9T870]	05.14- 05.14-	114826 115356	14 185 14 150		05.14-	114074	12 2.2	
Movano B 2.3 CDTi FWD	[M9T670]					05.10-	114074	12 2.2	
	[M9T672]	05.10-	114826	14 185		05.10-	114074	12 2.2	
	[M9T676]	05.10-	114826	14 185		05.10-	114074	12 2.2	
	[M9T678]					05.10-	114074	12 2.2	
	[M9T680]	05.10-	114826	14 185		05.10-	114074	12 2.2	
Movano B 2.3 CDTi RWD	[M9T690]	05.10-	114826	14 185		05.10-	114074	12 2.2	
	[M9T692]	05.10-	114826	14 185		05.10-	114074	12 2.2	
	[M9T694]					05.10-	114074	12 2.2	
	[M9T696]	05.10-	114826	14 185		05.10-	114074	12 2.2	
	[M9T698]	05.10-	114826	14 185		05.10-	114074	12 2.2	
Movano MK II 2.3 CDTi FWD	[M9T700]	05.14- 05.14-	114826 115356	14 185 14 150		05.14-	114074	12 2.2	
	[M9T702]	05.14- 05.14-	114826 115356	14 185 14 150		05.14-	114074	12 2.2	
	[M9T870]	05.14- 05.14-	114826 115356	14 185 14 150		05.14-	114074	12 2.2	
Movano MK II 2.3 CDTi RWD	[M9T700]	05.14- 05.14-	114826 115356	14 185 14 150		05.14-	114074	12 2.2	
Olympia A 1.0	[11SR]	08.67- 08.71	110077	14 50					
Omega A 1.8	[18NV]	09.86- 08.87 PS 09.86- 08.87	111168 111170	14 55 14 65		AT 09.86- 08.87 09.86- 08.87	110847 111122	12 1.4 12 1.0	BO DR
	[18SV]	11.86- 09.88 11.86- 09.88	110972 111169	14 65 14 70		11.86- 09.88	110847	12 1.4	
	[E18NVR]	09.87- 08.88 09.88- 03.94	111168 111169	14 55 14 70		AT 09.87- 03.94 09.87- 03.94	110847 111122	12 1.4 12 1.0	BO DR
		PS 09.87- 08.88	111170	14 65					
Omega A 1.8 i	[18SEH]	09.86- 08.88 09.88- 03.94	111168 111169	14 55 14 70		AT 09.86- 03.94 09.86- 03.94	110847 111122	12 1.4 12 1.0	BO DR
		PS 09.86- 08.88	111170	14 65					
Omega A 1.8 S	[18SV]	09.86- 08.88 09.88- 03.94	111168 111169	14 55 14 70		AT 09.86- 03.94 09.86- 03.94	110847 111122	12 1.4 12 1.0	BO DR
		PS 09.86- 08.88	111170	14 65					
Omega A 2.0 i	[20SE]	09.86- 08.88 09.88- 03.94	111168 111169	14 55 14 70		AT 09.86- 03.94 09.86- 03.94	110847 111122	12 1.4 12 1.0	BO DR
	[C20NE]	09.86- 08.88 09.88- 03.94	111168 111169	14 55 14 70		AT 09.86- 03.94 09.86- 03.94	110847 111122	12 1.4 12 1.0	BO DR
	[C20NEF]	09.90- 03.94	111169	14 70		AT 09.90- 03.94 09.90- 03.94	110847 111122	12 1.4 12 1.0	BO DR
	[C20NEJ]	09.90- 03.94	111169	14 70		AT 09.90- 03.94 09.90- 03.94	110847 111122	12 1.4 12 1.0	BO DR
Omega A 2.3 Diesel	[23VD]	09.86- 03.94	111164	14 70	VP	09.86- 03.94	110844	12 2.2	
Omega A 2.3 TD	[23DTR]	09.88- 03.94	111164	14 70		09.88- 03.94	110844	12 2.2	
	[23YDT]	09.86- 03.94	111164	14 70	VP	09.86- 08.88	110844	12 2.2	
Omega A 3.0 i 24V	[C30SE]	09.89- 03.94	110077	14 50					
	[C30SEJ]	09.89- 03.94	110077	14 50					
Omega A 3.0 i	[30NE]	03.87- 08.88	111076	14 50					
Omega A 3.0 i 3000	[30NE]	03.87- 09.90	110077	14 50					
	[C30NE]	03.88- 08.88	110077	14 50					
Omega B 2.0 i 16V	[X20XEV]	04.94- 04.94- 04.94-	111426 111732 112229	14 100 14 120 14 70		04.94-	111848	12 1.0	
Omega B 2.0 i	[20SE]	03.94- 12.00 03.94- 12.00 03.94- 12.00 03.94- 12.00	111426 111514 111732 112229	14 100 14 100 14 120 14 70					
	[X20SE]	01.94- 03.94- 09.99 04.94- 04.94-	111426 111514 111732 112229	14 100 14 100 14 120 14 70					
Omega B 2.0 DTi 16V	[X20DTH]					09.97- 09.00	113674	12 2.0	
Omega B 2.2 i 16V	[Y22XE]	09.99- 07.03 09.99- Chas. -Y1999999 09.99- Chas. 11000001- 09.99- AC 09.99-	111514 112229 111426 112416 111732	14 100 14 70 14 100 14 100 14 120		09.99-	111848	12 1.0	
	[Z22XE]	09.99- 07.03 Chas. 11000001- 09.00-	111514 112416	14 100 14 100		09.99-	111848	12 1.0	
Omega B 2.2 DTi 16V	[Y22DTH]	09.00- 09.00- 07.03	112415 114656	14 120 14 140		06.00- 09.03	113674	12 2.0	
Omega B 2.5 i V6	[X25XE]	04.94-	111514	14 100		04.94-	112459	12 1.4	
Omega B 2.5 DTi	[Y25DT]	09.01- 07.03	112468	14 150		09.01-	113446	12 2.2	
Omega B 2.5 TD	[25DT]	04.94-	111788	14 105		04.94-	112533	12 2.2	
						04.94-	113446	12 2.2	
	[X25DT]	04.96-	111788	14 105		04.96-	112533	12 2.2	
						04.96-	113446	12 2.2	
Omega B 3.0 i V6	[X30XE]	04.94-	111514	14 100		04.94-	112459	12 1.4	
Rekord D 2.0 Diesel	[20D]	08.74- 08.77 08.74- 08.77	111656 113376	14 45 14 55					
Rekord D 2.1 Diesel	[21D]	09.72- 08.77	113376	14 55					
Rekord E 1.8	[18N]	11.82- 08.86	111168	14 55					
	[C18NV]	05.85- 08.86	111168	14 55					
Rekord E 1.8 E	[C18NV]	05.85- 08.86	111168	14 55					
Rekord E 1.8 S	[18S]	11.82- 08.86	111168	14 55					
Rekord E 2.0 Diesel	[20D]	09.77- 10.82 09.77- 10.82	111656 113376	14 45 14 55					
Rekord E 2.1 Diesel	[21D]	09.77- 08.86 09.77- 07.78	111656 113376	14 45 14 55					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**OPEL** *Continued*

Rekord E 2.3 Diesel	[23D]	09.77- 08.86	111656	14 45	09.84- 08.86	110844	12 2.2	
		08.78- 02.84	113376	14 55				
		11.82- 08.86	110077	14 50				
		03.84- 08.86	111164	14 70				
Rekord E 2.3 TD	[23TD]	06.84- 08.86	111164	14 70	09.84- 08.86	110844	12 2.2	
		06.84- 08.86	113376	14 55				
Senator A 2.3 TD	[23TD]	11.84- 08.87	111164	14 70 VP	11.84- 08.87	110844	12 2.2	
Senator B 3.0 i 24V	[C30SE]	09.89- 09.93	110077	14 50				
Senator B 3.0 i	[30NE]	01.88- 09.90	110077	14 50				
	[C30NE]	01.88- 09.93	110077	14 50				
Signum 1.8	[Z18XE]	05.03-	115619	14 120	05.03-	113276	12 1.1	
	[Z18XER]	Chas. 71052537- 09.05-	115306	14 120	09.05-	114298	12 1.1	
		Chas. -71052536 09.05-	114431	14 120				
Signum 1.9 CDTi	[Z19DT]	04.04-	113904	14 130	04.04-	113931	12 1.7	
		04.04-	113955	14 105				
		04.04-	114088	14 140				
		04.04-	114801	14 105 A46				
		04.04-	115487	14 140 A49				
		08.05-	114204	14 120				
		Chas. -71111927 04.04-	114204	14 120				
	[Z19DTH]	04.04-	113904	14 130	04.04-	113931	12 1.7	
		04.04-	113955	14 105				
		04.04-	114088	14 140				
		04.04-	114204	14 120				
		04.04-	114801	14 105 A46				
	04.04-	115487	14 140 A49					
Signum 2.0 Turbo	[Z20NET]	05.03-	113352	14 120	05.03-	114341	12 1.2	
Signum 2.0 DTi	[Y20DTH]	05.03-	112415	14 120	05.03-	113674	12 2.0	
		05.03-	114656	14 140				
Signum 2.2	[Z22YH]	05.03-	113352	14 120				
Signum 2.2 DTi 16V	[Y22DTR]	05.03- 06.08	112415	14 120	05.03- 06.08	113674	12 2.0	
		05.03- 06.08	114656	14 140				
Signum 2.2 DTi	[Y22DTR]	05.03-	112415	14 120	05.03-	112320	12 1.4	
		05.03-	114656	14 140	05.03-	113674	12 2.0	
Signum 2.8 Turbo V6	[Z28NET]				01.06-	115597	12 1.4	
Signum 3.0 CDTi V6	[Y30DT]				05.03-	114482	12 2.2	
	[Z30DT]				09.05-	114482	12 2.2	
Sintra 2.2 i 16V	[X22XE]	11.96- 04.99	111426	14 100	09.96-	111848	12 1.0	
		11.96- 04.99	111732	14 120				
Sintra 2.2 TD	[X22DTH]				07.97- 04.99	113674	12 2.0	
Speedster 2.0 Turbo	[Z20LET]	04.03- 09.06	113352	14 120	04.03-	111848	12 1.0	
Speedster 2.2 i	[Z22SE]	09.00- 09.06	113352	14 120	09.00-	114341	12 1.2	
Tigra 1.3 CDTi	[Z13DT]	06.04-	113720	14 75 A49	06.04-	113719	12 1.3	
		06.04-	113722	14 90 A49	06.04-	113843	12 1.1	
		06.04-	114451	14 105	06.04-	115869	12 1.3 A49	
		06.04-	115308	14 120				
		06.04-	115963	14 90				
	06.04-	116064	14 75					
Tigra 1.4 i 16V	[X14XE]	07.94-	111426	14 100	07.94-	111123	12 0.9	
		07.94- 12.00	111514	14 100	07.94-	111127	12 1.4	
		07.94-	112229	14 70				
Tigra 1.4 i	[Z14XEP]				06.04-	111123	12 0.9	
Tigra 1.6 i 16V	[C16SEL]	08.97-	111426	14 100	08.97-	111123	12 0.9	
		08.97-	112229	14 70	08.97- 08.98	111684	12 1.4	
					08.97-	113276	12 1.1	
		[X16XE]	07.94-	111426	14 100	07.94- 09.97	111123	12 0.9
			07.94- 08.98	111514	14 100	07.94- 09.97	111127	12 1.4
			07.94-	111732	14 120	07.94- 08.99	111684	12 1.4
		07.94-	112229	14 70	08.97-	113276	12 1.1	
Tigra 1.8 i	[Z18XE]	06.04-	115619	14 120	06.04-	113276	12 1.1	
		09.04-	112416	14 100				
Vectra A 1.4 S	[14NV]	04.88- 09.95	111166	14 70	04.88- 09.92	111055	12 0.7	
		04.88- 06.92	113376	14 55	04.88- 06.92	111123	12 0.9	
					09.88- 09.92	111684	12 1.4	
					09.88- 09.92	113276	12 1.1	
					04.88- 06.92	111127	12 1.4	
		0209, -M1173885, -M5247753 09.88- 09.92	111170	14 65				
Vectra A 1.6	[16SV]	09.88- 08.91	111166	14 70	09.88- 08.95	111055	12 0.7	
		09.91- 08.95	111426	14 100	09.88- 08.95	111127	12 1.4	
		09.91- 08.95	112229	14 70	09.88- 08.95	111123	12 0.9	
		PS 09.88- 09.91	111170	14 65				
Vectra A 1.6 i	[16LZ2]	09.83- 11.95	113376	14 55	09.93- 11.95	111123	12 0.9	
		09.93- 11.95	111166	14 70	09.93- 11.95	111127	12 1.4	
		09.93- 11.95	111426	14 100	09.93- 11.95	111055	12 0.7	
		09.93- 11.95	112229	14 70				
		[C16NZ]	09.88- 11.95	110077	14 50	09.88- 08.95	111055	12 0.7
			09.88- 08.91	111166	14 70	09.88- 08.95	111123	12 0.9
			09.88- 10.90	111170	14 65	09.88- 08.95	111684	12 1.4
			09.88- 09.95	111426	14 100	09.88- 08.95	111127	12 1.4
			09.88- 09.95	112229	14 70			
			09.88- 09.95	112229	14 70			
			09.88- 11.95	113376	14 55			
			PS 09.88- 08.91	111170	14 65			
		[C16NZ2]	09.88- 09.95	110077	14 50	09.88- 08.95	111055	12 0.7
			09.88- 10.90	111166	14 70	09.88- 08.95	111127	12 1.4
		09.88- 10.90	111170	14 65	09.88- 10.90	111684	12 1.4	
		09.88- 09.95	112229	14 70	09.88- 08.95	111123	12 0.9	
		09.88- 11.95	113376	14 55				
		09.91- 09.95	111426	14 100				
	[E16NZ]	09.88- 10.93	110077	14 50	09.88- 08.95	111055	12 0.7	
		09.88- 08.91	111166	14 70	09.88- 08.95	111123	12 0.9	
		09.88- 08.95	112229	14 70	09.88- 08.95	111684	12 1.4	
		09.88- 10.90	113376	14 55	09.88- 08.95	111127	12 1.4	
		09.91- 08.95	111426	14 100				
		PS 09.88- 08.91	111170	14 65				



	[X16SZ]	09.93- 11.95	110077	14 50	09.93- 11.95	111055	12 0.7
		09.93- 11.95	111426	14 100	09.93- 11.95	111123	12 0.9
		09.93- 11.95	112229	14 70	09.93- 11.95	111127	12 1.4
		09.93- 11.95	113376	14 55	09.93- 08.95	111684	12 1.4
Vectra A 1.6 S	[16SV]	09.88- 05.93	110077	14 50	09.88- 08.95	111055	12 0.7
		09.88- 08.91	111166	14 70	09.88- 08.95	111123	12 0.9
		09.91- 08.95	111426	14 100	09.88- 08.95	111684	12 1.4
		09.91- 08.95	112229	14 70	09.88- 08.95	111127	12 1.4
		PS 09.88- 08.91	111170	14 65			
Vectra A 1.7 Diesel	[17D]	10.88- 08.95	111168	14 55 W	10.88- 08.95	110839	12 1.7
		10.88- 08.95	112056	14 70			
	[17DR]	10.88- 08.95	112056	14 70	10.88- 08.95	110839	12 1.7
Vectra A 1.7 TD	[17DT]	03.90- 08.95	111186	14 70	10.88- 08.95	110839	12 1.7
					03.90- 08.95	111274	12 1.2
	[X17DT]	03.90- 08.95	111186	14 70	10.88- 08.95	110839	12 1.7
					03.90- 08.95	111274	12 1.2
Vectra A 1.8 i	[18SV]	09.88- 09.91	111169	14 70	AT 09.88- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100	AT 09.88- 08.95	111122	12 1.0 DR
		09.91- 08.95	112229	14 70			
	[C18NZ]	03.90- 08.91	111169	14 70	AT 03.90- 08.95	110847	12 1.4 BO
		03.90- 11.95	111514	14 100	AT 03.90- 08.95	111122	12 1.0 DR
		09.91- 08.95	111426	14 100			
		09.91- 08.95	112229	14 70			
Vectra A 1.8 S	[18SV]	09.89- 08.95	111169	14 70	AT 09.89- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100	AT 09.89- 08.95	111122	12 1.0 DR
		09.91- 08.95	112229	14 70			
	[E18NVR]	09.88- 09.91	111169	14 70	AT 09.88- 08.95	111122	12 1.0 DR
		09.88- 08.95	112229	14 70	AT 09.88- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100			
Vectra A 1.8 S 4x4	[E18NVR]	01.89- 08.91	111169	14 70	01.89- 08.95	110847	12 1.4 BO
		01.89- 08.95	112229	14 70	01.89- 08.95	111122	12 1.0 DR
		09.91- 08.95	111426	14 100			
Vectra A 2.0 16V 2000 GT	[C20XE]	02.90- 08.92	111169	14 70	02.90- 11.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100	02.90- 11.95	111122	12 1.0 DR
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			
Vectra A 2.0 16V 2000 GT 4x4	[C20XE]	02.90- 08.92	111169	14 70	02.90- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100	02.90- 08.95	111122	12 1.0 DR
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			
Vectra A 2.0 GTI	[20SEH]	09.88- 08.92	111169	14 70	AT 09.88- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100	AT 09.88- 08.95	111122	12 1.0 DR
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			
Vectra A 2.0 i 16V	[20XEJ]	02.89- 10.90	111169	14 70	02.89- 10.90	110847	12 1.4 BO
					02.89- 10.90	111122	12 1.0 DR
	[C20XE]	02.90- 09.92	111169	14 70	02.90- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100	02.90- 08.95	111122	12 1.0 DR
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			
	[X20XEV]	06.94- 11.95	111426	14 100	06.94- 11.95	111848	12 1.0
		06.94- 11.95	111514	14 100			
		06.94- 11.95	111732	14 120			
		06.94- 11.95	112229	14 70			
Vectra A 2.0 i 16V 2000 4WD	[20XEJ]	01.89- 10.90	111169	14 70	01.89- 10.90	110847	12 1.4 BO
					01.89- 10.90	111122	12 1.0 DR
Vectra A 2.0 i 16V 2000 GT	[20XEJ]	01.89- 08.92	111169	14 70	01.89- 06.94	110847	12 1.4 BO
		09.91- 06.94	111426	14 100	01.89- 06.94	111122	12 1.0 DR
		09.92- 06.94	111732	14 120			
		09.92- 06.94	112229	14 70			
Vectra A 2.0 i 16V 4x4	[X20XEV]	06.94- 11.95	111426	14 100	06.94- 11.95	111848	12 1.0
		06.94- 11.95	111732	14 120			
		06.94- 11.95	112229	14 70			
Vectra A 2.0 i Turbo 4x4	[C20LET]	09.92- 08.95	111426	14 100	09.92- 08.95	110847	12 1.4 BO
		09.92- 08.95	111732	14 120	09.92- 08.95	111122	12 1.0 DR
		09.92- 08.95	112229	14 70			
		06.94- 11.95	111514	14 100			
Vectra A 2.0 i	[20NE]	09.88- 08.92	111169	14 70	AT 09.88- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100	AT 09.88- 08.95	111122	12 1.0 DR, BO
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			
	[20SEH]	09.88- 09.92	111169	14 70	AT 09.88- 08.95	110847	12 1.4 BO
		09.88- 08.95	112229	14 70	AT 09.88- 08.95	111122	12 1.0 DR
		09.91- 08.95	111426	14 100			
		09.92- 08.95	111732	14 120			
	[C20NE]	09.88- 08.92	111169	14 70	AT 09.88- 11.95	110847	12 1.4 BO, DR
		09.88- 11.95	111514	14 100	AT 09.88- 11.95	111122	12 1.0 DR, BO
		09.91- 08.95	111426	14 100			
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			
	[C20NEF]	04.88- 09.92	111169	14 70	AT 04.88- 09.89	110847	12 1.4 BO
		09.88-	112229	14 70	AT 04.88- 09.89	111122	12 1.0 DR
Vectra A 2.0 i 4x4	[20NE]	01.89- 08.92	111169	14 70	01.89- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100	01.89- 08.95	111122	12 1.0 DR
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			
	[20SEH]	01.89- 09.92	111169	14 70	01.89- 09.92	110847	12 1.4 BO
		01.89- 08.95	112229	14 70	01.89- 09.92	111122	12 1.0 DR
		09.91- 08.95	111426	14 100			
		09.92- 08.95	111732	14 120			
	[C20NE]	01.89- 08.92	111169	14 70	01.89- 08.95	110847	12 1.4 BO
		09.91- 08.95	111426	14 100	01.89- 08.95	111122	12 1.0 DR
		09.92- 08.95	111732	14 120			
		09.92- 08.95	112229	14 70			
Vectra A 2.5 i V6	[C25XE]	02.93- 08.95	111514	14 100			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**OPEL** *Continued*

Vectra B 1.6 i 16V	[X16XEL]	09.95-	111426	14	100	09.95-	111123	12	0.9		
		09.95-	111732	14	120	10.95-	113276	12	1.1		
		09.95-	112229	14	70	09.95-	111127	12	1.4		
		10.95- 07.02	111514	14	100						
	[Y16XE]	10.95- 07.02	111514	14	100	10.95- 09.02	111123	12	0.9		
						09.95- 09.02	111684	12	1.4		
	[Z16XE]	09.95- 07.02	111514	14	100	10.95- 09.02	111123	12	0.9		
Vectra B 1.6 i	[16LZ2]	10.95- 04.02	111426	14	100	10.95-	111123	12	0.9		
		10.95- 04.02	111732	14	120	10.95-	113276	12	1.1		
		10.95- 04.02	112229	14	70						
	[X16SZR]	09.95-	111426	14	100	09.95-	111123	12	0.9		
		09.95-	111732	14	120	09.95-	111127	12	1.4		
		09.95-	112229	14	70						
		10.95- 07.03	111514	14	100						
Vectra B 1.7 TD	[X17DT (TC4EE1)]	09.95- 11.96	111515	14	70	VP	09.95- 11.96	111690	12	1.1	
		AC 10.95- 11.96	111831	14	100						
Vectra B 1.8 16V	[X18XE]	10.95- 09.00	111426	14	100	10.95- 09.00	111848	12	1.0		
		10.95- 09.00	111732	14	120						
		11.96- 09.00	112229	14	70						
Vectra B 1.8 i 16V	[X18XE]	09.95-	111426	14	100	09.95- 09.00	111848	12	1.0		
		09.95-	111732	14	120						
		09.95-	112229	14	70						
		10.95- 09.00	111514	14	100						
		[X18XE1]	10.95- 09.00	111514	14	100	06.98-	112431	12	1.1	
			06.98-	111426	14	100					
			06.98-	111732	14	120					
		06.98-	112229	14	70						
	[Z18XE]	09.00- 07.03	111514	14	100	09.00- 09.02	112431	12	1.1		
		09.00- 09.02	111732	14	120						
		09.00- 09.02	112229	14	70						
Vectra B 2.0 i 16V	[C20SEL]	10.95- 09.00	111514	14	100	10.95- 09.02	111848	12	1.0		
	[X20XEV]	09.95-	111426	14	100	09.95- 09.00	111848	12	1.0		
		09.95-	111732	14	120						
		09.95-	112229	14	70						
			10.95- 09.00	111514	14	100					
Vectra B 2.0 i	[Z0NEJ]	10.95-	111426	14	100						
		10.95-	111732	14	120						
		10.95-	112229	14	70						
Vectra B 2.0 Diesel 16V	[X20DTL]					11.96- 04.02	113674	12	2.0		
Vectra B 2.0 TD 16V	[X20DTH]					06.97- 07.03	113674	12	2.0		
	[Y20DTH]					06.97- 07.03	113674	12	2.0		
Vectra B 2.2 i 16V	[Z22SE]	09.00-	113352	14	120	09.00- 07.03	114341	12	1.2		
		Chas. 17081352- 09.00-	113352	14	120						
Vectra B 2.2 DTi 16V	[Y22DTR]	09.00-	112415	14	120	09.00- 07.03	113674	12	2.0		
Vectra B 2.2 DTi	[Y22DTR]	09.00- 04.02	112415	14	120	09.00- 04.02	113674	12	2.0		
Vectra B 2.5 i V6	[X25XE]	09.95-	111514	14	100						
Vectra B 2.5 i	[X25XE]	05.98-	111514	14	100						
Vectra B CC 1.8 16V	[X18XE]	10.95- 09.00	111426	14	100	10.95- 09.00	111848	12	1.0		
		10.95- 09.00	111732	14	120						
Vectra B CC 2.2 DTi	[Y22DTR]	09.00- 04.02	112415	14	120	09.00- 04.02	113674	12	2.0		
Vectra C 1.6	[Z16XEP]	01.06-	114668	14	100	01.06-	113276	12	1.1		
		Chas. 71052537- 01.06-	115306	14	120						
		Chas. -71052536 01.06-	114431	14	120						
Vectra C 1.6 GTS	[Z16XE]					08.05-	113276	12	1.1		
	[Z16XEP]	01.06-	114668	14	100	01.06-	111123	12	0.9		
		Chas. 71052537- 01.06-	115306	14	120						
Vectra C 1.6 16V	[Z16XE]	06.04-	112416	14	100	06.04- 07.05	113276	12	1.1		
		06.04- 07.05	115619	14	120						
Vectra C 1.8	[Z18XEL]	04.02- 08.05	112229	14	70						
	[Z18XER]	01.06-	114431	14	120	01.06-	114298	12	1.1		
Vectra C 1.8 GTS	[Z18XER]	01.06-	114668	14	100	01.06-	114298	12	1.1		
		Chas. 71052537- 01.06-	115306	14	120						
		Chas. -71052536 01.06-	114431	14	120						
Vectra C 1.8 16V GTS	[Z18XEL]	08.02- 12.06	112416	14	100	08.02- 12.06	113276	12	1.1		
		08.02- 12.06	115619	14	120						
Vectra C 1.8 i 16V	[Z18XE]	04.02-	112416	14	100	04.02-	113276	12	1.1		
		04.02-	115619	14	120						
	[Z18XEL]	04.02-	112416	14	100	04.02-	113276	12	1.1		
		04.02-	115619	14	120						
Vectra C 1.8 i 16V GTS	[Z18XE]	08.02-	112416	14	100						
		08.02-	115619	14	120						
	[Z18XEL]	08.02-	112416	14	100						
		08.02-	115619	14	120						
Vectra C 1.8 i	[Z18XE]	10.03-	112416	14	100	09.03-	113276	12	1.1		
		10.03-	115619	14	120						
Vectra C 1.9 CDTi	[Z19DT]	04.04-	113904	14	130	04.04-	113931	12	1.7		
		04.04-	113955	14	105						
		04.04-	114088	14	140						
		04.04-	114801	14	105	A46					
		04.04-	115487	14	140	A49					
		10.05-	114204	14	120						
		Chas. -71111927 04.04-	114204	14	120						
			[Z19DTH]	04.04-	113904	14	130	04.04-	113931	12	1.7
				04.04-	113955	14	105				
				04.04-	114088	14	140				
				04.04-	114204	14	120				
		04.04-	114801	14	105	A46					
		04.04-	115487	14	140	A49					
Vectra C 1.9 CDTi GTS	[Z19DT]	04.04-	113904	14	130	04.04-	113931	12	1.7		
		04.04-	113955	14	105						
		04.04-	114088	14	140						
		04.04-	114801	14	105	A46					
		04.04-	115487	14	140	A49					
		Chas. -71111927 04.04-	114204	14	120						

## STARTERS & ALTERNATORS



	[Z19DTH]	04.04- 04.04- 04.04- 04.04- 04.04- 04.04-	113904 113955 114088 114204 114801 115487	14 130 14 105 14 140 14 120 14 105 A46 14 140 A49		04.04-	113931	12 1.7
	[Z19DTL]	10.05- 10.05- 10.05- 10.05- 10.05- 10.05-	113904 113955 114088 114204 114801 115487	14 130 14 105 14 140 14 120 14 105 A46 14 140 A49		10.05-	113931	12 1.7
	Vectra C 2.0 Turbo 16V	[Z20NET]	03.03-	113352	14 120			
	Vectra C 2.0 Turbo 16V GTS	[Z20NET]	03.03-	113352	14 120			
	Vectra C 2.0 Turbo	[Z20NET]	10.03-	113352	14 120			
	Vectra C 2.0 DTi 16V	[Y20DTH]	04.02- 04.02-	112415 114656	14 120 14 140	04.02-	113674	12 2.0
	Vectra C 2.0 DTi 16V GTS	[Y20DTH]	08.02- 08.02-	112415 114656	14 120 14 140	08.02-	113674	12 2.0
	Vectra C 2.0 DTi	[Y20DTH]	10.03- 10.03-	112415 114656	14 120 14 140	10.03-	113674	12 2.0
	Vectra C 2.2 Direct	[Z22YH]	10.03-	113352	14 120	10.03-	114341	12 1.2
	Vectra C 2.2 GTS Direct	[Z22YH]	10.03-	113352	14 120	10.03-	114341	12 1.2
	Vectra C 2.2 i 16V	[Z22SE]	04.02-	113352	14 120	04.02-	114341	12 1.2
	Vectra C 2.2 i 16V GTS	[Z22SE]	08.02-	113352	14 120	08.02-	114341	12 1.2
	Vectra C 2.2 DTi 16V	[Y22DTR]	04.02- 04.02-	112415 114656	14 120 14 140			
	Vectra C 2.2 DTi 16V GTS	[Y22DTR]	08.02- 06.08 08.02- 06.08	112415 114656	14 120 14 140	08.02- 06.08	113674	12 2.0
	Vectra C 2.2 DTi	[Y22DTR]	10.03- 06.08 10.03- 06.08	112415 114656	14 120 14 140	10.03- 06.08	113674	12 2.0
	Vectra C 2.8 Turbo V6	[Z28NEL]				08.05-	115597	12 1.4
		[Z28NET]				08.05-	115597	12 1.4
	Vectra C 2.8 Turbo V6 GTS	[Z28NEL]				08.05-	115597	12 1.4
		[Z28NET]				08.05-	115597	12 1.4
	Vectra C 2.8 V6 Turbo OPC	[Z28NET]				09.06- 09.08	115597	12 1.4
	Vectra C 2.8 V6 Turbo	[Z28NET]				01.07-	115597	12 1.4
	Vectra C 3.0 CDTi	[Z30DT]				08.05-	114482	12 2.2
	Vectra C 3.0 CDTi GTS	[Z30DT]				08.05-	114482	12 2.2
	Vectra C 3.0 DCTi V6	[Y30DT]				10.03-	114482	12 2.2
	Vivaro 1.6 CDTi	[R9M408]				06.14-	115829	12 1.8
		[R9M450]				05.14-	115829	12 1.8
	Vivaro 1.9 Di	[F9Q762]				08.06-	114814	12 0.9
	Vivaro 1.9 Diesel Di	[F9Q762]	08.01- AC 08.01-	113248 112471	14 120 14 125	08.01-	112474	12 1.8
	Vivaro 1.9 Diesel	[F9Q762]	08.01- 08.01-	112471 113248	14 125 14 120	08.01-	112474	12 1.8
		[F9Q774]	08.01- AC 08.01-	113248 112471	14 120 14 125	08.01-	112474	12 1.8
	Vivaro 1.9 DTi	[F9Q760]	08.01- AC 08.01-	113248 112471	14 120 14 125	08.01-	112474	12 1.8
	Vivaro 2.0 Ecotec	[F4R820]				08.06-	114814	12 0.9
	Vivaro 2.0 16V	[F4R]	08.06-	114122	14 150	08.06-	114814	12 0.9
		[F4R720]	08.01- 08.01- AC 08.01- A22 08.01-	113248 114122 113245 112471	14 120 14 150 14 125 14 125	08.01-	114814	12 0.9
	Vivaro 2.0 CDTi	[M9R630]	08.06-	114509	14 150	08.06-	114074	12 2.2
		[M9R692]	08.06-	114509	14 150	08.06-	114074	12 2.2
		[M9R780]	08.06-	114509	14 150	08.06-	114074	12 2.2
		[M9R782]	01.06-	114509	14 150	08.06-	114074	12 2.2
		[M9R784]	08.06-	114509	14 150	08.06-	114074	12 2.2
		[M9R786]	08.06-	114509	14 150	08.06-	114074	12 2.2
		[M9R788]	08.06-	114509	14 150	08.06-	114074	12 2.2
	Vivaro 2.5 CDTi	[G9MB6]	08.06-	113837	14 150			
		[G9U630]	08.06-	113837	14 150	08.06-	112475	12 2.1
	Vivaro 2.5 CDTi Combi	[G9U630]	08.06-	113837	14 150			
	Vivaro 2.5 DTi	[G9U730]	05.03- AC 05.03-	112471 113245	14 125 14 125	05.03-	112475	12 2.1
	Zafira A 1.6 16V	[X16XEL]	03.99- 03.99- 08.00 04.99- 07.05	111990 112416 115619	14 70 14 100 14 120	04.99- 04.99-	111123 113276	12 0.9 12 1.1
		[Z16XE]	03.99- 03.99- 08.00 09.00- 07.05	111990 112416 115619	14 70 14 100 14 120	04.99- 09.00-	111123 113276	12 0.9 12 1.1
	Zafira A 1.6 i	[Z16YNG]	09.01- 09.01- 06.05	111990 115619	14 70 14 120	09.01- 09.98- 09.01-	111123 111684 113276	12 0.9 12 1.4 12 1.1
	Zafira A 1.8 16V	[X18XE1]	04.99- 04.99- Chas. -12257452, -15257663, -18131574 04.99- 09.00	111990 112416 115619	14 70 14 100 14 120	04.99-	112431	12 1.1
		[Z18XE]	09.00- 09.00- Chas. -12257452, -15257663, -18131574 09.00- 07.05	111990 112416 115619	14 70 14 100 14 120	09.00-	112431	12 1.1
	Zafira A 2.0	[Z20LET]	09.01- 09.01- 06.05	112416 115619	14 100 14 120	09.01-	111848	12 1.0
	Zafira A 2.0 OPC	[Z20LER]	11.02- 06.05 11.02- 06.05	112416 115619	14 100 14 120	11.02- 06.05	111848	12 1.0
		[Z20LET]	11.02- 11.02- 07.05	112416 115619	14 100 14 120	09.01-	111848	12 1.0
	Zafira A 2.0 Diesel Di 16V	[X20DTL]	10.99- 10.99- 06.05	112415 113879	14 120 14 100	10.99-	113674	12 2.0
	Zafira A 2.0 DTi 16V	[Y20DTH]	09.00- 06.05	113879	14 100	09.00- 06.05	113674	12 2.0
	Zafira A 2.2 16V	[Z22SE]	09.00-	113352	14 120	09.00-	114341	12 1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**OPEL** Continued

Zafira A 2.2 DTi 16V	[Y22DTR]	01.02-	112415	14 120	01.02-	113674	12 2.0
		01.02- 06.05	114656	14 140			
Zafira A 2.2 DTi	[Y22DTR]	A19 01.02- 06.05	112415	14 120	01.02- 06.05	113674	12 2.0
		01.02- 06.05	114658	14 140			
Zafira B 1.6	[A16XER]	01.08-	114668	14 100	01.08-	114298	12 1.1
		Chas. 72095157- 01.08-	115306	14 120			
		Chas. -72095156 01.08-	114431	14 120			
	[Z16XE1]	07.05-	114431	14 120	07.05-	113276	12 1.1
					07.05-	114298	12 1.1
	[Z16XEP]	07.05-	114431	14 120	07.05-	113276	12 1.1
				07.05-	114298	12 1.1	
[Z16XER]	01.08-	114668	14 100	01.08-	114298	12 1.1	
	Chas. 72095157- 01.08-	115306	14 120				
Zafira B 1.6 Ecoflex CNG	[A16XNT]	02.09-	115843	14 120	02.09-	114298	12 1.1
			115843	14 120			
Zafira B 1.6 Turbo CNG	[A16XNT]	02.09-	115843	14 120	02.09-	114298	12 1.1
			115843	14 120			
Zafira B 1.6	[Z16XNT]	02.09-	115843	14 120	02.09-	114298	12 1.1
			115843	14 120			
Zafira B 1.6	[Z16YNG]	01.06-	115619	14 120			
Zafira B 1.7 CDTI	[A17DTJ]	01.08-	114512	14 140	01.08-	112320	12 1.4
		01.08-	114665	14 100			
	[A17DTR]	01.08-	114512	14 140	01.08-	112320	12 1.4
		01.08-	114665	14 100			
Zafira B 1.8	[A18XEL]	06.13-	115306	14 120	06.13-	114298	12 1.1
		07.05-	114431	14 120			
	[Z18XEP]	07.05-	114431	14 120	07.05-	114298	12 1.1
		07.05-	114431	14 120			
Zafira B 1.9 CDTI	[Z19DT]	07.05-	113904	14 130	07.05-	113931	12 1.7
		07.05-	113955	14 105			
		07.05-	114088	14 140			
		07.05-	114204	14 120			
		07.05-	114801	14 105 A46			
	[Z19DTH]	07.05-	115487	14 140 A49	AT 07.05-	114058	12 1.7
		07.05-	113904	14 130			
		07.05-	113955	14 105			
		07.05-	114088	14 140			
		07.05-	114204	14 120			
Zafira B 2.0	[Z20LEH]	01.06-	115846	14 120	01.06-	111848	12 1.0
		07.05-	115846	14 120			
	[Z20LER]	07.05-	115846	14 120	07.05-	111848	12 1.0
		07.05-	114076	14 120			
Zafira B 2.2	[Z22YH]	07.05-	114076	14 120	07.05-	114341	12 1.2
Zafira C 1.4	[A14NEL]	10.11-	115395	12 1.1	10.11-	115395	12 1.1
		10.11-	115646	12 1.1			
	[A14NET]	10.11-	115395	12 1.1	10.11-	115395	12 1.1
		10.11-	115646	12 1.1			
	[B14NEL]	10.11-	115395	12 1.1	10.11-	115646	12 1.1
		10.11-	115646	12 1.1			
Zafira C 1.4 BiFuel LPG	[A14NET]	10.11-	115395	12 1.1	10.11-	115395	12 1.1
		10.11-	115646	12 1.1			
Zafira C 1.6 CNG	[A16XNT]	10.11-	114067	14 140	10.11-	114298	12 1.1
		10.11-	114779	14 100			
	[B16XNT]	10.11-	114067	14 140	10.11-	114298	12 1.1
		10.11-	114779	14 100			
Zafira C 1.8	[A18XEL]	10.11-	115410	14 100	10.11-	114298	12 1.1
		10.11-	115861	14 140			
	[A18XER]	10.11-	115410	14 100	10.11-	114298	12 1.1
Zafira C 1.8 LPG	[A18XER]	10.11-	115410	14 100	10.11-	114298	12 1.1
		10.11-	115861	14 140			
Zafira C 2.0 BiTurbo CDTI	[A20DTR]	01.13-	114202	14 100	01.13-	114058	12 1.7
		01.13-	114847*	14 140			
		01.13-	115526	14 100			
		01.13-	115583	14 120			
Zafira C 2.0 CDTI	[A20DT]	10.11-	114202	14 100	10.11-	113931	12 1.7
		10.11-	114847*	14 140			
		10.11-	115526	14 100			
		10.11-	115583	14 120			
	[A20DTH]	10.11-	114202	14 100	10.11-	113931	12 1.7
		10.11-	114847*	14 140			
		10.11-	115526	14 100			
		10.11-	115583	14 120			
	[A20DTL]	10.11-	114202	14 100	10.11-	113931	12 1.7
		10.11-	114847*	14 140			
		10.11-	115526	14 100			
		10.11-	115583	14 120			
[Y20DTJ]	10.11-	114202	14 100	10.11-	113931	12 1.7	
	10.11-	114847*	14 140				
	10.11-	115526	14 100				
	10.11-	115583	14 120				
[Z20DTJ]	10.11-	114202	14 100	10.11-	113931	12 1.7	
	10.11-	114847*	14 140				
	10.11-	115526	14 100				
	10.11-	115583	14 120				
<b>PASSENGER CARS US</b>							
GT 1.1					01.69- 01.70	110364	12 0.65
Isuzu 1.8		01.76- 01.76	110248	14 40			
Kadett 1.1					01.67- 01.72	110364	12 0.65
Kadett 1.1 DLX					01.68- 01.70	110364	12 0.65
Kadett 1.1 LS					01.68- 01.68	110364	12 0.65
Kadett 1.1 Rallye					01.67- 01.67	110364	12 0.65



Kadett 1.1 Rallye DLX							01.68- 01.70	110364	12	0.65
<b>PASSENGER CARS AO</b>										
Astra J 1.3 CDTi ecoFlex	[A13DTE]	12.09-	115862	14	120	12.09-	115570	12	1.4	
						12.09-	114029	12	1.8	
Astra J 1.4 ecoFlex	[A14XEL]	12.09-	114727*	14	130	12.09-	115646	12	1.1	
						12.09-	115719	12	1.1	
	[A14XER]	12.09-	114727*	14	130	12.09-	115646	12	1.1	
						12.09-	115719	12	1.1	
Astra J 1.4 Turbo	[A14NET]	12.09-	114727*	14	130	12.09-	115646	12	1.1	
						12.09-	115719	12	1.1	
Astra J 1.7 CDTi	[A17DTC]	12.09-	114726	14	100					
	[A17DTE]	12.09-	114726	14	100					
	[A17DTJ]	12.09-	114726	14	100					
	[A17DTR]	12.09-	114726	14	100					
Astra J 2.0 CDTi	[A20DTH]	12.09-	115526	14	100	12.09-	113931	12	1.7	
		12.09-	115583	14	120					
Corsa A 1.3 GL	[13S]					09.82- 03.93	111055	12	0.7	
Corsa A 1.3 TR GL	[13S]					09.82- 03.93	111055	12	0.7	
Insignia 1.4	[A14NET]	04.11-	114727*	14	130	04.11-	115646	12	1.1	
Kadett E 1.6	[E16SE]					09.87- 08.91	111055	12	0.7	
Vectra A 2.0 4x4	[C20XE]					09.88- 08.95	110847	12	1.4	
						09.88- 08.95	111122	12	1.0	
Vectra A 2.5 CD 4x4	[C25XE]	02.93- 08.95	111514	14	100					
Zafira A 1.6	[Z16YNG]	09.02- 06.05	115619	14	120	09.02- 06.05	111123	12	0.9	
Zafria A 1.8	[Z18XEL]	02.03- 06.05	115619	14	120					
<b>Orenstein and koppel</b>										
<b>MISCELLANEOUS</b>										
Various models KHD	[F8L413]						114438	24	5.4	
<b>Padane</b>										
<b>TRUCKS EU</b>										
ZX 14.6	[OM422.907]	01.81-	113920	28	35					
<b>Payloader</b>										
<b>AGRICULTURE</b>										
Various models						01.69- 01.75	110438	12	2.1	
						01.69- 06.76	110523	24	4.8	
						05.79-	110536	12	2.7	
						01.69-	116086	12	2.7	A49
						01.69- 12.85	111752	12	2.7	
<b>Pel Job</b>										
<b>INDUSTRY</b>										
EB150	[Mitsubishi]						112178	12	1.6	
							112185	12	1.2	
ED..	[Mitsubishi]						112178	12	1.6	
							112185	12	1.2	
<b>Perkins</b>										
<b>MARINE</b>										
Various models							114650	12	1.8	
							114718	12	1.4	
<b>MOTORS</b>										
1004-4 4.0							114107	12	3.2	
							110615	12	2.8	
							113269	12	3.0	
1006-6 6.0							110615	12	2.8	
1006C-E66TAG2	[1006C-E66TAG2]						115389	12	4.2	
1006C-E66TAG3	[1006C-E66TAG3]						115389	12	4.2	
1006C-E66TAG4	[1006C-E66TAG4]						115389	12	4.2	
1006-TAG	[1006-TAG]						115389	12	4.2	
3-152 2.5							110615	12	2.8	
403C-07 0.7 3R							112534	12	2.0	
403C-10 1.0 3R							112534	12	2.0	
403C-11 1.1 3R							112534	12	2.0	
403C-15 1.5 3R							112534	12	2.0	
404C-20 2.0 4R							112534	12	2.0	
404C-22 2.2 4R							112534	12	2.0	
404C-22T 2.2 4R44							112534	12	2.0	
4-108			112112	14	70	01.89-	112277	12	1.8	
						01.89-	110602	12	2.8	
4-154						01.89-	110602	12	2.8	
4-236 3.9			111295	28	55		110615	12	2.8	
4-248 4.0						01.87- 01.90	110615	12	2.8	
						01.71- 06.90	113534	12	3.0	
6-354			112112	14	70	01.87- 01.89	110615	12	2.8	
			111510	28	55	07.87- 12.89	113534	12	3.0	
							110449	12	3.6	
						07.87- 12.89	112670	24	4.0	
						01.80-	110566	24	5.2	
6-372						01.80-	110566	24	5.2	
903-27 2.7							110615	12	2.8	



**PERKINS** Continued

Various models	[Komatsu]				01.88-	111097	24	5.5
					01.88-	112277	12	1.8
					01.70-	110450	12	3.6
			114767	28 100	01.83- 01.86	110604	12	2.8
			112112	14 70	01.87- 01.89	113654	12	3.0 MA
			113967	14 120 MA		112534	12	2.0
						114338	24	4.5
						110590	12	2.8
						112089	12	
					02.78- 03.97	111737	12	2.8
						111703	12	2.0
						112091	24	5.2
						114107	12	3.2
					01.76-	110819	12	2.8
					01.71- 01.90	113534	12	3.0
						113269	12	3.0
						114387	12	3.2 IS
						114388	12	3.2 IS
				07.87- 12.89	112670	24	4.0	
				01.87- 01.89	113655	12	3.0 MA	
					111041	12	2.8	
					115991	12	1.2	
					110452	12	3.6	
					114718	12	1.4	
<b>Peterbilt Trucks</b>								
<b>TRUCKS EU</b>								
Various models					01.80- 01.84	110999	24	
<b>Peugeot</b>								
<b>PASSENGER CARS EU</b>								
104 1.0	[108 (XV3)]	10.72- 10.79	111075	14 55				
	[108 (XV5)]	10.72- 06.88	111075	14 55	10.72- 10.79	111068	12	0.85
	[108C (XV8)]	08.79- 06.88	111075	14 55	09.83- 06.88	111068	12	0.85
104 1.1	[109 (XW3)]	08.79- 06.88	111075	14 55				
	[109F (XW7)]	08.79- 06.88	111075	14 55	11.84- 06.88	111068	12	0.85
	[121 (XW3S)]	08.79- 06.88	111075	14 55				
104 1.2	[129 (XZ5)]	08.79- 06.83	111075	14 55	11.84- 07.88	111068	12	0.85
104 1.4	[150 (XY6B)]	08.79- 06.84	111075	14 55	11.84- 07.88	111068	12	0.85
106 1.0	[CDY (TU9M)]	09.91- 03.01	110619	14 70	09.91- 03.01	110584	12	1.2
		09.91- 03.01	112782	14 80				
	[CDZ (TU9M)]	09.91- 04.96	110619	14 70	09.91- 04.96	110584	12	1.2
		AC 09.91- 04.96	112782	14 80				
	[TU9]	09.91- 03.01	110619	14 70	09.91- 03.01	110584	12	1.2
		09.91- 03.01	112782	14 80				
106 1.0 i	[CDY (TU9M)]	05.96-	110619	14 70	05.96-	110584	12	1.2
					05.96-	111994	12	0.7
	[CDZ (TU9M)]	01.97-	110619	14 70	01.97-	110584	12	1.2
					01.97-	111994	12	0.7
106 1.1	[HDZ (TU1M)]	09.91- 04.96	110619	14 70	09.91- 04.96	110584	12	1.2
106 1.1 i	[HDY (TU1M)]	03.00-	112648	14 70	01.97-	110584	12	1.2
		01.97-	110619	14 70	01.97-	111994	12	0.7
		AC 01.97-	111723	14 70				
	[HDZ (TU1M)]	03.00-	112648	14 70	05.96-	110584	12	1.2
		05.96-	110619	14 70	05.96-	111994	12	0.7
		AC 05.96-	111723	14 70				
	[HFX (TU1JP)]	03.00-	112648	14 70	03.00- 05.05	111994	12	0.7
		05.96-	110619	14 70	03.00- 05.05	110584	12	1.2
106 1.3	[TU2J2]	10.93- 04.96	110619	14 70	10.93- 04.96	110584	12	1.2
106 1.4	[K5A (TU3)]	08.91- 03.96	110619	14 70	08.91- 03.96	110584	12	1.2
			112782	14 80				
	[KDX (TU3MC)]	12.92- 04.96	110619	14 70	12.92- 04.96	110584	12	1.2
		AC 12.92- 04.96	112782	14 80				
	[KDY (TU3M)]	09.91- 04.96	110619	14 70	09.91- 04.96	110584	12	1.2
		09.91- 04.96	112782	14 80				
	[KFZ (TU3J2/Z)]	09.91- 04.96	110619	14 70	09.91- 04.96	110584	12	1.2
		09.91- 04.96	112782	14 80				
106 1.4 i	[KFW (TU3JP)]	05.96-	110619	14 70	05.96-	110584	12	1.2
	[KFX (TU3JP)]	03.00-	112648	14 70	05.96-	110584	12	1.2
		05.96-	110619	14 70	05.96-	111994	12	0.7
		05.96-	111723	14 70				
		05.96-	112782	14 80				
106 1.4 Diesel	[K9Y (TUD3Y)]				09.92- 04.96	111029	12	1.4
106 1.5 Diesel	[VJX (TUD5)]	07.00-	111893	14 70	10.00-	111029	12	1.4
		07.00-	112287	14 70				
		10.00-	111532	14 80				
	[VJY (TUD5)]	12.93- 04.96	112287	14 70	06.94- 04.96	111029	12	1.4
		01.94- 04.96	111532	14 80				
		06.94- 04.96	112467	14 90				
106 1.6	[NFY (TU5J2)]	01.94- 04.96	110619	14 70	01.94- 04.96	110584	12	1.2
		AC 01.94- 04.96	112782	14 80				
	[NFZ (TU5JP)]	06.93- 04.96	110619	14 70	06.93- 04.96	110584	12	1.2
		09.98-	113404	14 90				
		AC 06.93- 04.96	112782	14 80				
106 1.6 i	[NFW (TU5J2)]	05.96-	111893	14 70				
		05.96-	112782	14 80				
		09.98-	113404	14 90				
	[NFY (TU5J2)]	05.96-	111893	14 70	05.96-	110584	12	1.2
		05.96-	112782	14 80	05.96-	111994	12	0.7
	[NFZ (TU5JP)]	05.96-	111723	14 70	05.96-	110584	12	1.2
		05.96-	112782	14 80	05.96-	111994	12	0.7
106 1.6 S 16	[NFX (TU5J4)]	05.96-	112782	14 80	05.96-	110584	12	1.2
					05.96-	111994	12	0.7
107 1.0	[1KR (384F)]	06.05-	114090	14 70	06.05-	113963	12	1.1
		06.05-	114099	14 80				
107 1.4 HDi	[8HT (DV4TD)]	06.05-	113755	14 150	06.05-	111848	12	1.0
					06.05-	113254	12	1.4
					06.05-	113933	12	1.5

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108 1.2	[HMT (EB2D)]					05.14-	116092*	12 1.0
205 1.0	[108C (XV8)]	02.83- 10.87	111075	14 55		02.83- 10.87	111068	12 0.85
		02.83- 10.90	111402	14 50				
	[TU9]	10.87- 09.98	110077	14 50		10.87- 09.98	110584	12 1.2
		10.87- 09.98	111841	14 50				
		10.87- 09.98	112754	14 70				
	AC	10.87- 09.98	114026	14 80				
205 1.1	[109F (XW7)]	10.87	111075	14 55		02.83- 10.87	111068	12 0.85
	[109N (XW7)]	02.83- 10.90	111075	14 55		08.86- 10.90	111068	12 0.85
		02.83- 10.90	111402	14 50				
		10.87-	112162	14 70				
	[H1B (TU1)]	10.87- 10.90	110077	14 50		10.87- 10.90	110584	12 1.2
		10.87- 10.90	111841	14 50				
		10.87- 10.90	112754	14 70				
205 1.1 CJ	[HDZ (TU1M)]	07.89- 09.98	110077	14 50		07.89- 09.98	110584	12 1.2
		07.89- 09.98	111841	14 50				
		07.89- 09.98	112754	14 70				
		AC	07.89- 09.98	114026	14 80			
			10.89- 12.94	110077	14 50		10.89-	110584
		10.89-	111841	14 50				
		10.89- 12.94	112754	14 70				
205 1.3 Rally	[TU24]	AC	10.87- 10.90	114026	14 80	10.87- 10.90	110584	12 1.2
205 1.4	[150 (XY6B)]	02.83- 10.87	111075	14 55		02.83- 10.87	111068	12 0.85
		02.83- 10.87	111402	14 50				
	[150B (XY8)]	02.83- 12.88	111402	14 50		02.83- 10.87	111068	12 0.85
		12.88	111075	14 55				
	[150D (XY7)]	02.83- 05.89	111075	14 55		02.83- 05.89	111068	12 0.85
		10.87- 05.89	111841	14 50				
	[150G (XY7)]	10.87- 10.90	111075	14 55				
		10.87- 10.90	111402	14 50				
	[150H (XY8)]	02.83- 12.88	111402	14 50		10.85- 05.89	111068	12 0.85
		10.85- 05.89	111075	14 55				
		07.88- 05.89	111841	14 50				
	[K1D (TU3A)]	10.87- 10.90	110077	14 50		10.87- 10.90	110584	12 1.2
		10.87- 10.90	111841	14 50				
		10.87- 10.90	112754	14 70				
	[K2B (TU3S)]	06.87- 12.89	110077	14 50		06.87- 12.89	110584	12 1.2
		06.87- 12.89	111841	14 50				
		06.87- 12.89	112754	14 70				
	[KAY (TU3CP)]	08.87- 09.93	110077	14 50		08.87- 09.93	110584	12 1.2
		08.87- 09.93	112754	14 70				
	01.89- 09.93	111841	14 50					
[KDX (TU3MC)]	08.90- 07.98	111841	14 50		08.90- 07.98	110584	12 1.2	
	08.90- 07.98	112754	14 70					
[KDY (TU3M)]	07.88- 09.98	110077	14 50		07.88- 09.98	110584	12 1.2	
	07.88- 09.98	111841	14 50					
	07.88- 09.98	112754	14 70					
	AC	07.88- 09.98	114026	14 80				
[KDZ (TU3M)]	07.88- 09.98	110077	14 50		07.88- 09.98	110584	12 1.2	
	07.88- 10.90	111841	14 50					
	07.88- 09.98	112754	14 70					
	AC	07.88- 09.98	114026	14 80				
[KFX (TU3JP)]	07.88- 09.98	110077	14 50					
205 1.4 CJ	[150D (XY7)]	03.88- 05.89	111075	14 55		03.88- 05.89	111068	12 0.85
		03.88- 05.89	111841	14 50				
	[150G (XY7)]	10.87- 10.90	111075	14 55		10.87- 10.90	111068	12 0.85
	[K1D (TU3A)]	03.89- 12.94	110077	14 50		03.89-	110584	12 1.2
		03.89-	111841	14 50				
		03.89- 12.94	112754	14 70				
[KDY (TU3M)]	05.91- 12.94	110077	14 50		05.91-	110584	12 1.2	
	05.91-	111841	14 50					
	05.91- 12.94	112754	14 70					
[KDZ (TU3M)]	05.91- 12.94	110077	14 50		06.91- 12.94	110584	12 1.2	
	05.91- 12.94	112754	14 70					
	06.91- 12.94	111841	14 50					
205 1.4 CT	[150B (XY8)]	02.83- 12.88	111402	14 50		02.83- 12.88	111068	12 0.85
		04.86- 12.88	111075	14 55				
	[150H (XY8)]	02.83- 12.88	111075	14 55		02.83- 12.88	111068	12 0.85
	02.83- 12.88	111402	14 50					
205 1.6	[B1A (XU51C)]	08.86- 10.87	111076	14 50		02.83- 10.87	110587	12 1.2
		08.86- 10.87	112162	14 70		11.90- 09.98	111130	12 1.1
	[B1E (XU51C)]	03.87- 10.87	111076	14 50		03.87- 10.87	110587	12 1.2
		03.87- 10.87	112162	14 70		10.87-	111130	12 1.1
	[BAZ (XU5CP)]	02.83- 10.87	111076	14 50		02.83- 09.98	110587	12 1.2
	[BDY (XU5M2Z)]	05.90- 09.98	111076	14 50		05.90- 09.98	110587	12 1.2
		05.90- 09.98	112162	14 70		05.90- 09.98	111130	12 1.1
	[BDY (XU5M3Z)]	05.90- 09.98	111076	14 50		05.90- 09.98	110587	12 1.2
	05.90- 09.98	112162	14 70		05.90- 09.98	111130	12 1.1	
[XU51C]					10.87- 09.98	110587	12 1.2	
205 1.6 CJ	[BDY (XU5M3Z)]	08.92-	112162	14 70		08.92-	110587	12 1.2
						08.92-	111130	12 1.1
205 1.6 CTi	[180A (XU5J)]	04.86- 10.90	111076	14 50		04.86- 10.90	110587	12 1.2
		04.86- 10.90	112162	14 70		04.86- 10.90	111130	12 1.1
	[180Z (XU5J)]	04.86- 10.90	111076	14 50		10.83- 10.87	110587	12 1.2
205 1.6 GTi	[180A (XU5J)]	03.84- 12.89	111076	14 50		12.84- 12.89	110587	12 1.2
		12.84- 10.87	112162	14 70		10.87- 12.89	111130	12 1.1
	[180Z (XU5J)]	10.87- 12.89	111076	14 50				
	[XU5JA]	10.87- 12.89	111076	14 50		10.87- 12.89	110587	12 1.2
205 1.7 Diesel	[161A (XUD7)]	03.94-	111076	14 50		03.94-	111070	12 1.7
205 1.8 Diesel	[161A (XUD7)]	08.83- 12.89	111076	14 50		08.83- 12.89	111070	12 1.7
	[A8B (XUD7TE)]	01.90-	111076	14 50		11.90- 09.98	111070	12 1.7
	[A9A (XUD7)]	02.83- 07.90	111076	14 50				
205 1.9 CTi	[DFZ (XU9J1)]	10.87-	111076	14 50		10.87-	110587	12 1.2
		10.87-	112162	14 70		10.87-	111130	12 1.1
205 1.9 GTi	[D2A (XU92C)]	10.87- 05.89	111076	14 50		10.87- 05.89	110587	12 1.2
		10.87- 05.89	112162	14 70				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





PEUGEOT *Continued*

	[D6B (XU9JA)]	10.86- 09.98	111076	14 50	10.86- 09.98	110587	12 1.2
		10.86- 09.98	112162	14 70	11.90- 09.98	111130	12 1.1
	[DFZ (XU9J1)]	03.87- 07.94	111076	14 50	03.87- 07.94	110587	12 1.2
		03.87- 07.94	112162	14 70	11.90- 07.94	111130	12 1.1
	[DKZ (XU9JAZ)]	10.87- 10.94	111076	14 50	10.87- 10.94	110587	12 1.2
		10.87- 10.94	112162	14 70	11.90- 10.94	111130	12 1.1
205 1.9 Diesel	[DJZ (XUD9Y)]	10.87- 09.98	111076	14 50	10.87- 09.98	111070	12 1.7
		10.87- 09.98	112162	14 70			
206 1.1	[HFZ (TU1JP)]	03.02- 07.02-	113603	14 80	07.02-	111994	12 0.7
			113575	14 80	07.02-	110584	12 1.2
		PS 07.02-	113405	14 70			
		ACPS 07.02-	112469	14 90			
206 1.1 i	[HFZ (TU1JP)]	03.00-	113503	14 120	06.98-	111994	12 0.7
		03.00-	113603	14 80	03.00-	110584	12 1.2
		09.98-	113575	14 80			
		PS 03.00-	112058	14 70			
	[HFZ (TU1JP)]	06.98-	113603	14 80	06.98-	111994	12 0.7
		09.98-	112469	14 90			
		09.98-	113575	14 80			
		PS 09.98-	113405	14 70			
		ACPS 09.98-	112469	14 90			
206 1.4	[KfV (TU3A)]	07.02-	113575	14 80	07.02-	111994	12 0.7
		07.02-	113603	14 80	07.02-	110584	12 1.2
		03.07-	110619	14 70			
		03.07-	113405	14 70			
		03.07-	113503	14 120			
		PS 07.02-	113405	14 70			
		ACPS 07.02-	112469	14 90			
	[KfW (TU3JP)]	03.02-	113603	14 80	07.02-	111994	12 0.7
		07.02-	113575	14 80	07.02-	110584	12 1.2
		03.07-	110619	14 70			
		03.07-	113405	14 70			
		03.07-	113503	14 120			
		PS 07.02-	113405	14 70			
		ACPS 07.02-	112469	14 90			
206 1.4 16V	[KfU (ET3J4)]	10.03-	112469	14 90	10.03-	111994	12 0.7
		10.03-	113405	14 70	10.03-	110584	12 1.2
		10.03-	113575	14 80			
206 1.4 i	[KfW (TU3JP)]	03.00-	113603	14 80	06.98-	111994	12 0.7
		09.98-	113575	14 80	03.00-	110584	12 1.2
		PS 03.00-	112058	14 70			
	[KfX (TU3JP)]	06.98-	113603	14 80	09.98-	110584	12 1.2
		09.98-	112469	14 90	06.98-	111994	12 0.7
		09.98-	113575	14 80			
		PS 09.98-	113405	14 70			
		ACPS 09.98-	113405	14 70			
206 1.4 LPG	[KfV(TU3JP)]	05.06- 09.07	110619	14 70	05.06- 09.07	110584	12 1.2
		05.06- 09.07	112058	14 70	05.06- 09.07	111994	12 0.7
		05.06- 09.07	113405	14 70			
		05.06- 09.07	113503	14 120			
		05.06- 09.07	113575	14 80			
		05.06- 09.07	113603	14 80			
206 1.4 HDi	[8HX (DV4TD)]	09.01- 03.09	113755	14 150	09.01- 03.09	113254	12 1.4
		07.02- 02.07	113948	14 150	09.01- 03.09	113933	12 1.5
	[8HZ (DV4TD)]	09.01- 03.09	113755	14 150	09.01- 03.09	113254	12 1.4
					09.01- 03.09	113933	12 1.5
206 1.4 HDi eco	[8HX (DV4TD)]	09.01-	113755	14 150	09.01-	113254	12 1.4
		09.01-	113948	14 150	09.01-	113933	12 1.5
	[8HZ (DV4TD)]	09.01-	113755	14 150	09.01-	113254	12 1.4
		09.01-	113948	14 150	09.01-	113933	12 1.5
206 1.4 HDi eco 70	[8HZ (DV4TD)]				09.08-	113254	12 1.4
					09.08-	113933	12 1.5
206 1.6 16V	[NFU (TU5JP4)]	03.00-	113603	14 80	09.00-	110584	12 1.2
		09.00-	112058	14 70	09.00-	111994	12 0.7
		09.00-	112469	14 90			
		09.00-	113405	14 70			
		09.00-	113575	14 80			
		12.00-	112480	14 90			
		PS 07.02-	113405	14 70			
		ACPS 09.00-	112480	14 90			
		ACPS 07.02-	112469	14 90			
206 1.6 i	[NFZ (TU5JP)]	06.98-	113603	14 80	06.98-	110584	12 1.2
		09.98-	112058	14 70	06.98-	111994	12 0.7
		09.98-	112469	14 90			
		09.98- 12.00	113575	14 80			
		PS 09.98-	113405	14 70			
		ACPS 09.98-	112469	14 90			
206 1.6 HDi	[9HZ (DV6TED4)]	04.05-	113640	14 150	04.05-	113254	12 1.4
					04.05-	113933	12 1.5
					04.05-	114030	12 2.2
206 1.6 HDi FAP	[9HY (DV6TED4)]	05.04-	113503	14 120	05.04-	113254	12 1.4
		05.04-	113640	14 150	05.04-	113933	12 1.5
					05.04-	114030	12 2.2
	[9HZ (DV6TED4)]	05.04-	113503	14 120	05.04-	113933	12 1.5
		05.04-	113640	14 150	05.04-	113254	12 1.4
					05.04-	114030	12 2.2
206 1.9 Diesel	[WJZ (DW8)]	06.98-	113603	14 80	09.98-	111070	12 1.7
		09.98-	112058	14 70	09.98- 11.01	114460	12 1.4
		09.98-	112480	14 90			
		ACPS 09.98-	112480	14 90			
206 2.0 RC	[RFK (EW10J4S)]				07.03-	111730	12 1.0
206 2.0 16V	[RFN (EW10J4)]	03.02-	113503	14 120			
206 2.0 S 16	[RFN (EW10J4)]	05.00-	112058	14 70			
		05.00-	112480	14 90			
		05.00-	113405	14 70			

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	[RFR (DEW10J4)]	04.99-	112058	14	70			
		04.99-	112480	14	90			
206 2.0 HDi	[RHY (DW10TD)]	03.02-	113503	14	120	12.99-	114460	12 1.4
		12.99-	112460	14	150	12.99-	111070	12 1.7
		12.99-	112480	14	90			
		12.99-	113640	14	150			
207 1.4	[KFV (TU3A)]	02.06-	115474	14	80	02.06-	110584	12 1.2
	[KFV(TU3A)]	12.07-	115474	14	80	12.07-	110584	12 1.2
207 1.4 16V	[8FR (EP3)]	10.09-	114752*	14	80	10.09-	113960	12 0.9
	[8FS (EP3)]	06.07-	114752*	14	80	06.07-	113960	12 0.9
		06.07-	114811	14	120			
	[EP3]	06.07-	114752*	14	80	06.07-	113960	12 0.9
		06.07-	114811	14	120			
	[EP3C]	06.07-	114752*	14	80	06.07-	113960	12 0.9
		06.07-	114811	14	120			
	[KFU (ET3J4)]	02.06-	113246	14	90	02.06-	110584	12 1.2
207 1.4 Bioflex	[KFW (TU3A)]					01.09-	110584	12 1.2
	[KFW (TU3JP)]					01.09-	110584	12 1.2
207 1.4 HDi	[8HR (DV4C)]	02.06-	113640	14	150	02.06-	111848	12 1.0
		02.06-	113946	14	90	02.06-	113254	12 1.4
		02.06-	115369	14	150	02.06-	113933	12 1.5
	[8HZ (DV4TD)]	02.06-	113640	14	150	02.06-	113254	12 1.4
		02.06-	113946	14	90	02.06-	113933	12 1.5
		02.06-	115369	14	150	02.06-	111848	12 1.0
207 1.6 16V Turbo	[5FR (EP6DT)]	10.09-	114752*	14	80	10.09-	113960	12 0.9
		10.09-	114771*	14	150			
		10.09-	114811	14	120			
		10.09-	115604	14	150			
207 1.6 16V	[5FS (EP6C)]	02.07-	114752*	14	80	02.07-	113960	12 0.9
		02.07-	114811	14	120			
	[EP6]	02.07-	114752*	14	80	02.07-	113960	12 0.9
		02.07-	114811	14	120			
	[NFU (TU5JP4)]	02.06-	113246	14	90	02.06-	110584	12 1.2
		02.06-	113250	14	70			
207 1.6 16V RC	[5FY (EP6DTS)]					02.07-	113960	12 0.9
207 1.6 Turbo 16V	[5FX (EP6DT)]					02.06-	113960	12 0.9
207 1.6 VTi 16V	[5FS (EP6C)]	02.07-	114752*	14	80	02.07-	113960	12 0.9
		02.07-	114811	14	120			
	[EP6]	02.07-	114752*	14	80	02.07-	113960	12 0.9
		02.07-	114811	14	120			
207 1.6 Bioflex	[N6A (TU5JP4)]	01.08-	112469	14	90	01.08-	110584	12 1.2
207 1.6 HDi	[9HP (DV6DTE4)]	11.09-	115634			11.09-	113254	12 1.4
						11.09-	113933	12 1.5
						11.09-	114030	12 2.2
	[9HR (DV6C)]	08.09-	113640	14	150	08.09-	113933	12 1.5
		08.09-	115369	14	150	08.09-	114030	12 2.2
	[9HV (DV6ATED4)]	02.06-	113640	14	150	02.06-	113254	12 1.4
						02.06-	113933	12 1.5
						02.06-	114030	12 2.2
	[9HV (DV6TED4)]	02.06-	113640	14	150	02.06-	113254	12 1.4
						02.06-	113933	12 1.5
						02.06-	114030	12 2.2
	[9HX (DV6ATED4)]	02.06-	113640	14	150	02.06-	113254	12 1.4
						02.06-	113933	12 1.5
						02.06-	114030	12 2.2
	[9HY (DV6TED4)]					02.06-	113254	12 1.4
						02.06-	113933	12 1.5
						02.06-	114030	12 2.2
	[9HZ (DV6TED4)]	02.06-	113640	14	150	02.06-	113254	12 1.4
						02.06-	111848	12 1.0
						02.06-	113933	12 1.5
						02.06-	114030	12 2.2
208 1.0	[ZMZ (EB0)]	03.12-	115546	14	80	03.12-	113960	12 0.9
						03.12-	116092*	12 1.0
208 1.2	[HMZ (EB2F)]	03.12-	115546	14	80	03.12-	113960	12 0.9
						03.12-	116092*	12 1.0
208 1.2 THP	[HNZ (EB2DT)]					01.13-	113960	12 0.9
208 1.4	[8FS (EP3)]	03.12-	114811	14	120	03.12-	113960	12 0.9
	[EP3C]	03.12-	114811	14	120	03.12-	113960	12 0.9
208 1.4 GPL		10.13-	114752*	14	80	10.13-	113960	12 0.9
208 1.4 HDi	[8HP(DV4C)]					03.12-	113254	12 1.4
						03.12-	113933	12 1.5
	[8HR (DV4C)]					10.12-	113254	12 1.4
						10.12-	113933	12 1.5
	[8HR(DV4C)]					03.12-	113254	12 1.4
						03.12-	113933	12 1.5
208 1.6	[5FS (EP6C)]	03.12-	114811	14	120	03.12-	113960	12 0.9
	[5FV (EP6CDT)]	03.12-	114768	14	120	03.12-	113960	12 0.9
	[EP6CDT]	03.12-	114768	14	120	03.12-	113960	12 0.9
208 1.6 GTi	[5FU (EP6CDTX)]	08.12-	114752*	14	80	08.12-	113960	12 0.9
		08.12-	114811	14	120			
		10.14-	114752*	14	80			
208 1.6 BlueHdi 75	[9HK (DV6ETEDM), BHW (DV6FE)]					01.13-	113254	12 1.4
						01.13-	114030	12 2.2
208 1.6 HDi	[9HD (DV6CTED)]					03.12-	113933	12 1.5
						03.12-	114030	12 2.2
	[9HP (DV6DTE4)]					03.12-	113254	12 1.4
						03.12-	113933	12 1.5
						03.14-	114030	12 2.2
301 1.2 VTi 72	[HMY (EB2M)]	11.12-	115546	14	80	11.12-	116092*	12 1.0
301 1.6 VTi 115	[NFP(ECS)]	11.12-	113246	14	90	11.12-	110581	24 4.5
301 1.6 HDi 92	[9HF (DV6DTE4)]					11.12-	113254	12 1.4
						11.12-	114030	12 2.2
305 1.6	[171 (XU5S)]	10.82- 06.88	111076	14	50	10.82- 06.88	110587	12 1.2
						10.82- 06.88	111130	12 1.1

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

PEUGEOT Continued

	[B1A (XU51C)]	10.82- 12.88	111076	14	50	10.82- 12.88	110587	12	1.2
						10.82- 12.88	111130	12	1.1
	[BAZ (XU5CP)]	11.86- 12.88	111076	14	50	11.86- 12.88	110587	12	1.2
						11.86- 12.88	111130	12	1.1
305 1.9	[159 (XU9S)]	10.82- 10.87	111076	14	50	10.82- 10.87	110587	12	1.2
		10.82- 12.88	112162	14	70	10.82- 10.87	111130	12	1.1
	[DFZ (XU9J1)]	11.86- 12.88	111076	14	50	11.86- 12.88	110587	12	1.2
		11.86- 12.88	112162	14	70	11.86- 12.88	111130	12	1.1
305 1.9 Diesel	[162 (XUD9)]	10.82- 12.88	111076	14	50	10.82- 12.88	111070	12	1.7
		10.82- 12.88	112162	14	70				
	[D9A (XUD9)]	10.82- 12.88	111076	14	50	10.82- 12.88	111070	12	1.7
		10.82- 12.88	112162	14	70				
306 1.1	[HDZ (TU1M)]	01.93-	112782	14	80	01.93-	110584	12	1.2
		05.93- 05.01	110619	14	70				
306 1.4	[KDX (TU3MC)]	05.93- 05.01	110619	14	70	01.93-	110584	12	1.2
		AC 01.93-	112782	14	80				
	[KFW (TU3JP)]	10.00- 10.03	112782	14	80	10.00- 10.03	110584	12	1.2
		05.93- 05.01	110619	14	70				
	[KFX (TU3JP)]	05.93- 05.01	110619	14	70	09.96-	110584	12	1.2
		09.96-	112782	14	80				
306 1.4 SL	[KDX (TU3MC)]	06.94- 05.01	110619	14	70	02.93-	110584	12	1.2
		ACPS 02.93-	112782	14	80				
	[KFW (TU3JP)]	10.00- 10.03	112782	14	80	10.00- 10.03	110584	12	1.2
		06.94- 05.01	110619	14	70				
	[KFX (TU3JP)]	06.94- 05.01	110619	14	70	09.96-	110584	12	1.2
		ACPS 09.96-	112782	14	80				
306 1.4 i	[KFW (TU3JP)]	10.00- 10.03	112782	14	80	03.97-	110584	12	1.2
		03.97- 04.02	110619	14	70				
	[KFX (TU3JP)]	03.97- 04.02	110619	14	70	03.97-	110584	12	1.2
		03.97-	111723	14	70				
306 1.6	[NFT (TU5JP/L4)]	10.00- 04.02	110619	14	70	10.00-	110584	12	1.2
		10.00-	112782	14	80				
		PS 10.00-	111723	14	70				
	[NFZ (TU5JP)]	05.93- 10.00	110619	14	70	01.93-	110584	12	1.2
		03.97-	111723	14	70				
		ACPS 01.93-	112782	14	80				
306 1.6 SR	[NFZ (TU5JP)]	06.94- 10.00	110619	14	70	06.94-	110584	12	1.2
		ACPS 06.94-	112782	14	80				
306 1.8	[LFZ (XU7JP)]	01.93-	112299	14	95	01.93-	113443	12	1.4
		03.94-	112298	14	80	03.93-	111070	12	1.7
		AC 03.97-	112298	14	80	01.93-	111130	12	1.1
306 1.8 ST	[LFZ (XU7JP)]	06.94-	112299	14	95	06.94-	111130	12	1.1
						06.94-	113443	12	1.4
306 1.8 16V	[LFY (XU7JP4)]	03.97-	111318	14	80	03.97-	111130	12	1.1
		03.97-	113604	14	95	03.97-	113443	12	1.4
		AC 03.97-	111318	14	80				
306 1.8 Diesel	[A9A (XUD7)]	05.93- 02.02	112230	14	80	04.97- 10.03	111070	12	1.7
		05.93- 02.02	112292	14	70	05.93- 05.01	114460	12	1.4
		ACPS 06.95- 02.02	113485	14	80				
306 1.9 Diesel	[DHW (XUD9BSD)]	03.98-	112292	14	70	03.98- 05.01	114460	12	1.4
		03.98-	112298	14	80	05.97- 10.03	111070	12	1.7
		PS 03.98-	111893	14	70				
		PS 03.98-	112688	14	95				
		PS 03.98-	113485	14	80				
	[DJY (XUD9A)]	06.94- 04.97	112230	14	80	03.97- 04.02	114460	12	1.4
		06.94- 04.97	112292	14	70	06.94-	111070	12	1.7
		07.95- 04.97	112688	14	95				
		03.97-	112298	14	80				
		PS 03.97-	111893	14	70				
		PS 03.97-	112688	14	95				
		PS 03.97-	113485	14	80				
		ACPS 06.94- 06.95	112230	14	80				
		ACPS 07.95- 04.97	113485	14	80				
	[DJZ (XUD9Y)]	05.93- 06.94	112230	14	80	05.93- 06.94	111070	12	1.7
		05.93- 09.94	112292	14	70				
		ACPS 05.93- 06.94	112230	14	80				
	[WJY (DW8B)]	09.99- 10.03	112058	14	70	09.99- 10.03	111070	12	1.7
		09.99- 10.03	113603	14	80	09.98- 05.01	114460	12	1.4
	[WJZ (DW8)]	09.98- 10.03	112058	14	70	09.98- 10.03	111070	12	1.7
		09.98-	112292	14	70	09.98- 04.02	114460	12	1.4
		09.98-	112298	14	80				
		09.98- 10.03	113603	14	80				
		PS 09.98-	111893	14	70				
		PS 09.98-	112688	14	95				
		PS 09.98-	113485	14	80				
	[XUD9TE]	02.94- 04.99	112230	14	80	02.94- 04.99	111070	12	1.7
		02.94- 04.99	113485	14	80				
306 1.9 Diesel SLD	[DJY (XUD9A)]	06.94- 04.97	112230	14	80	06.94-	111070	12	1.7
		06.94- 04.97	112292	14	70	06.94- 05.01	114460	12	1.4
		07.95- 04.97	112688	14	95				
		ACPS 06.94- 06.95	112230	14	80				
		ACPS 07.95- 04.97	113485	14	80				
	[DJZ (XUD9Y)]	05.93- 06.94	112230	14	80	06.94-	111070	12	1.7
		05.93- 06.94	112292	14	70	06.94- 05.01	114460	12	1.4
		ACPS 05.93- 06.94	112230	14	80				
306 1.9 Diesel SRDT	[DHY (XUD9TE)]	05.93- 04.97	112230	14	80	06.94-	111070	12	1.7
		05.93- 04.97	112292	14	70				
		07.95- 04.97	112688	14	95				
		ACPS 05.93- 06.95	112230	14	80				
		ACPS 07.95- 04.97	113485	14	80				
306 1.9 STD	[XUD9]	02.94- 10.95	112230	14	80	02.94- 10.95	111070	12	1.7
		02.94- 10.95	112688	14	95				
		02.94- 10.95	113485	14	80				



306 1.9 TD	[DHY (XUD9TE)]	05.93- 04.97	112230	14 80	05.93- 04.97	111070	12 1.7					
		05.93- 04.97	112292	14 70								
		05.93- 04.97	112688	14 95								
		02.97-	112298	14 80								
		02.97-	113485	14 80								
		PS 02.97-	111893	14 70								
306 2.0	[RFV (XU10J4R)]	03.97-	111318	14 80	03.97-	111130	12 1.1					
		03.97-	113604	14 95								
	[RFX (XU10J2)]	03.94- 06.96	112298	14 80	03.94-	113443	12 1.4					
		03.94- 06.96	112299	14 95								
		03.94-	113604	14 95								
		07.96-	111318	14 80								
306 2.0 ST	[RFX (XU10J2)]	07.94- 06.96	112298	14 80	07.94-	113443	12 1.4					
		07.94- 06.96	112299	14 95								
		07.94-	113604	14 95								
		07.96-	111318	14 80								
306 2.0 16V	[RFV (XU10J4R)]	03.97-	111318	14 80	03.97-	111130	12 1.1					
		03.97-	113604	14 95								
306 2.0 i 16V	[RFS (XU10J4RS)]	03.96-	111318	14 80								
		03.96-	113604	14 95								
	[RFT (XU10J4)]	06.94- 06.96	112298	14 80								
		06.94- 06.96	112299	14 95								
306 2.0 i XS	[RFX (XU10J2)]	05.93- 06.96	112298	14 80	05.93-	113443	12 1.4					
		05.93- 06.96	112299	14 95								
		05.93-	113604	14 95								
		07.96-	111318	14 80								
306 2.0 S 16	[RFT (XU10J4)]	06.94- 06.96	112298	14 80								
		06.94- 06.96	112299	14 95								
		06.94-	113604	14 95								
		07.96-	111318	14 80								
	[RFY (XU10J4Z)]	05.93-	113604	14 95								
		06.94- 06.96	112298	14 80								
306 2.0 HDi	[RHY (DW10TD)]	06.99-	112460	14 150	06.99-	111070	12 1.7					
		06.99-	112480	14 90								
		307 1.4	[KFW (TU3JP)]	08.00-				113246	14 90	08.00-	110584	12 1.2
				08.00-				113250	14 70			
307 1.4 16V	[KFU (ET3J4)]	11.03-	113246	14 90	11.03-	110584	12 1.2					
		11.03-	113405	14 70								
307 1.4 HDi	[8HX (DV4TD)]	10.01-	113755	14 150	10.01-	113254	12 1.4					
	[8HZ (DV4TD)]	10.01-	113755	14 150								
307 1.6 16V	[NFU (TU5JP4)]	03.02-	113246	14 90	03.02-	110584	12 1.2					
		03.02-	113250	14 70								
	[NFU(TU5JP4)]	08.00-	113246	14 90								
		08.00-	111994	12 0.7								
307 1.6 HDi	[9HV (DV6ATED4)]	01.06-	113640	14 150	05.05-	114030	12 2.2					
307 1.6 HDi FAP	[9HY (DV6TED4)]	02.04-	112461	14 150	02.04-	113933	12 1.5					
		02.04-	113640	14 150								
	[9HZ (DV6TED4)]	02.04-	112461	14 150								
		02.04-	113640	14 150								
		02.04-	113254	12 1.4								
		02.04-	113933	12 1.5								
307 2.0	[RFN (EW10J4)]	03.02-	112469	14 90								
307 2.0 16V	[RFJ (EW10A)]	03.05-	113575	14 80	06.05-	111070	12 1.7					
		03.05-	115371*	14 120								
		03.05-	115541	14 150								
	[RFK (EW10J4S)]	10.03-	112469	14 90								
		06.05-	113755	14 150								
		[RFN (EW10J4)]	08.00-	112469				14 90				
307 2.0 HDi	[RHS (DW10ATED4)]	08.00-	112461	14 150	08.00-	111070	12 1.7					
		08.00-	113640	14 150								
		03.02-	112460	14 150								
		03.02-	112480	14 90								
		03.02-	113503	14 120								
	[RHY (DW10TD)]	08.00-	112461	14 150								
		08.00-	112480	14 90								
		08.00-	113640	14 150								
		03.02-	112460	14 150								
		03.02-	113503	14 120								
		AC 08.00-	112460	14 150								
		08.00-	114460	12 1.4								
307 2.0 HDi FAP	[RHR (DW10BTED4)]	02.04-	113640	14 150	10.03-	113926	12 1.9					
		Chas. 09520- 10.03-	113640	14 150								
		Chas. -09519 10.03-	112461	14 150								
	[RHS (DW10ATED4)]	Chas. 9520- 03.02-	113640	14 150								
		Chas. -9519 03.02-	112461	14 150								
		03.02-	111070	12 1.7								
308 1.2 VTi 72	[HMZ (EB2F)]				09.13-	113960	12 0.9					
308 1.4 16V	[8FR (EP3C)]	12.09-	114771*	14 150	12.09-	113960	12 0.9					
		12.09-	114811	14 120								
		12.09-	115604	14 150								
	[8FS (EP3)]	09.07-	114752*	14 80								
		09.07-	114771*	14 150								
		09.07-	114811	14 120								
		09.07-	115604	14 150								
	[EP3]	09.07-	114752*	14 80								
		09.07-	114771*	14 150								
		09.07-	114811	14 120								
		09.07-	115604	14 150								
		09.07-	113960	12 0.9								
308 1.6	[5FV (EP6DT)]	09.13-	114811	14 120	09.13-	113960	12 0.9					
		09.13-	114811	14 120								
308 1.6 16V	[5FT (EP6DT)]				09.07-	113960	12 0.9					
	[5FX (EP6DT)]				09.07-	113960	12 0.9					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





PEUGEOT *Continued*

	[5FY (EP6DTS)]				03.08-	113960	12	0.9
	[EP6]	09.07-	114752*	14 80	09.07-	113960	12	0.9
		09.07-	114771*	14 150				
		09.07-	114811	14 120				
		09.07-	115604	14 150				
	[EP6CDT]	10.09-	114771*	14 150	10.09-	113960	12	0.9
		10.09-	114811	14 120				
		10.09-	115604	14 150				
308 1.6 16V CC	[5FX (EP6DT)]				06.09-	113960	12	0.9
308 1.6 GTI	[EP6CDTX]	07.10-	114811	14 120	07.10-	113960	12	0.9
		07.10-	115604	14 150				
308 1.6 Bioflex	[NFU (TU5JP4)]				04.08-	110584	12	1.2
308 1.6 HDi	[9HC (DV6C)]				09.13-	113254	12	1.4
					09.13-	113933	12	1.5
					09.13-	114030	12	2.2
	[9HP (DV6DTE)]				11.09-	113933	12	1.5
	[9HR (DV6C)]				12.09-	113933	12	1.5
					12.09-	114030	12	2.2
	[9HV (DV6ATED4)]	09.07-	113640	14 150	09.07-	113933	12	1.5
		09.07-	116067	14 150	09.07-	114030	12	2.2
	[9HX (DV6ATED4)]	09.07-	113640	14 150	09.07-	113933	12	1.5
		09.07-	116067	14 150	09.07-	114030	12	2.2
	[9HZ (DV6ATED4)]	09.07-	113640	14 150	09.07-	113254	12	1.4
	[BHZ (DV6FC)]				09.13-	113254	12	1.4
					09.13-	113933	12	1.5
					09.13-	114030	12	2.2
	[DV6TED4]	09.07-	113640	14 150	09.07-	113933	12	1.5
					09.07-	114030	12	2.2
					03.13-	113933	12	1.5
					03.13-	114030	12	2.2
308 2.0 Diesel CC	[RHF (DW10BTED4)]				04.09-	114854	12	2.5
308 2.0 HDi	[AHX (DW10FD)]				11.13-	111070	12	1.7
					11.13-	113926	12	1.9
					11.13-	114460	12	1.4
	[RHH (DW10CTED4)]				04.12-	113926	12	1.9
					04.12-	114460	12	1.4
					04.12-	114854	12	2.5
	[RHR (DW10BTED4)]	09.07-	113640	14 150	07.10-	113933	12	1.5
					09.07-	114854	12	2.5
308 2.0 Bioflex	[RFJ (EW10A)]	01.08- 01.12	115371*	14 120				
		01.08- 01.12	115541	14 150				
309 1.1	[HDZ (TU1M)]				08.90- 12.93	110584	12	1.2
309 1.4	[K1D (TU3A)]	03.89- 12.93	110077	14 50	03.89- 12.93	110584	12	1.2
		03.89- 12.93	111841	14 50				
		03.89- 12.93	112754	14 70				
	[K2B (TU3S)]	03.89- 07.89	110077	14 50	03.89- 12.93	110584	12	1.2
		03.89- 12.93	111841	14 50				
		03.89- 07.89	112754	14 70				
	[KDY (TU3M)]	03.89- 12.93	110077	14 50	03.89- 12.93	110584	12	1.2
		03.89- 12.93	112754	14 70				
	[KDZ (TU3M)]	03.89- 12.93	110077	14 50	03.89- 12.93	110584	12	1.2
		03.89- 12.93	111841	14 50				
		03.89- 12.93	112754	14 70				
309 1.6	[180Z (XU5J)]	11.85- 09.88	111076	14 50	11.85- 09.88	110587	12	1.2
	[B1A (XU51C)]	10.85- 07.89	111076	14 50	10.85- 07.89	110587	12	1.2
		10.85- 12.93	112162	14 70				
	[B1E (XU51C)]	08.87- 07.89	111076	14 50	08.87- 07.89	110587	12	1.2
		08.87- 07.89	112162	14 70				
	[B2A (XU52C/K)]	07.89- 12.93	111076	14 50	07.89- 12.93	110587	12	1.2
		07.89- 12.93	112162	14 70				
	[B6B (XU5J)]	11.85- 09.88	111076	14 50	11.85- 09.88	110587	12	1.2
		11.85- 09.88	112162	14 70				
	[BDY (XU5M2Z)]	07.89- 12.93	111076	14 50	07.89- 12.93	110587	12	1.2
	[BDY (XU5M3Z)]	07.89- 12.93	111076	14 50	07.89- 12.93	110587	12	1.2
	[BDZ (XU5M)]	07.89- 12.93	111076	14 50	07.89- 12.93	110587	12	1.2
		07.89- 12.93	112162	14 70				
		10.85- 04.89	111076	14 50	10.85- 12.90	110587	12	1.2
309 1.8 Diesel	[161A (XUD7)]	07.89- 12.93	111076	14 50	07.89- 12.93	111070	12	1.7
		07.89- 12.93	112162	14 70				
309 1.8 TD	[A8B (XUD7TE)]	08.89- 12.93	111076	14 50	08.89- 12.93	111070	12	1.7
		08.89- 12.93	112162	14 70				
309 1.9	[D2B (XU9S)]	10.85- 07.89	111076	14 50	10.85- 07.89	110587	12	1.2
		10.85- 07.89	112162	14 70	10.85- 07.89	111130	12	1.1
	[D6B (XU9JA)]	10.86- 07.89	111076	14 50	10.86- 07.89	110587	12	1.2
		10.86- 07.89	112162	14 70				
	[DDZ (XU9M)]	07.88- 12.93	111076	14 50	07.88- 12.93	110587	12	1.2
		07.88- 12.93	112162	14 70				
	[DFZ (XU9J1)]	03.86- 12.93	111076	14 50	03.86- 12.93	110587	12	1.2
		03.86- 12.93	112162	14 70				
309 1.9 GTi 16V	[DFW (XU9J4Z)]	10.90- 12.93	112162	14 70	10.90- 12.93	110587	12	1.2
309 1.9 GTi	[D6C (XUD9J4)]	08.89- 12.93	112162	14 70	08.89- 07.90	110587	12	1.2
	[DKZ (XU9JAZ)]	07.88- 12.93	112162	14 70	07.88- 12.93	110587	12	1.2
309 1.9 Diesel	[16Z (XUD9)]	06.86- 12.93	111076	14 50	06.86- 12.93	111070	12	1.7
	[D9A (XUD9)]	06.86- 12.93	111076	14 50	06.86- 12.93	111070	12	1.7
		06.86- 12.93	112162	14 70				
	[DJZ (XUD9V)]	07.89- 12.93	111076	14 50	07.89- 12.93	111070	12	1.7
404 1.6	[XC6]				04.63-	110793	12	0.9
					04.63- 12.71	111066	12	1.05
404 1.6 GT	[XC6]				07.71-	110793	12	0.9
					07.71- 12.71	111066	12	1.05
405 1.4	[K5A (TU3)]	01.87- 07.92	110077	14 50	01.87- 07.92	110584	12	1.2
		01.87- 07.92	111841	14 50				
		01.87- 07.92	112754	14 70				
	[KDX (TU3MC)]	08.92- 10.96	110619	14 70	08.92- 04.97	110584	12	1.2
405 1.6	[B1E (XU51C)]	07.87- 12.92	111076	14 50	07.87- 12.92	110587	12	1.2
		07.87- 12.92	112162	14 70	07.87- 12.92	111130	12	1.1



	[BAZ (XU5CP)]	07.87- 08.92	111076	14 50	07.87- 08.92	110587	12 1.2
		07.87- 08.92	112162	14 70	07.87- 08.92	111130	12 1.1
	[BDY (XU5M2Z)]	07.87- 12.92	111076	14 50	08.92- 04.97	113443	12 1.4
		08.92- 04.97	112772	14 120	07.87- 04.97	111130	12 1.1
	AC	08.92- 04.97	112299	14 95			
	[BDY (XU5M3Z)]	10.88- 08.92	111076	14 50	08.92- 04.97	113443	12 1.4
		08.92- 04.97	112772	14 120	10.88- 04.97	111130	12 1.1
	AC	08.92- 04.97	112299	14 95			
	[BDZ (XU5M)]	07.87- 12.92	111076	14 50	07.87- 12.92	110587	12 1.2
		07.87- 12.92	112162	14 70	07.87- 09.09	111130	12 1.1
	[BFZ (XU5JP)]	09.94- 04.97	112772	14 120	09.94- 04.97	113443	12 1.4
	AC	09.94- 04.97	112299	14 95	09.94- 04.97	111130	12 1.1
	[XU52C]	01.87- 12.92	111076	14 50	01.87- 12.92	110587	12 1.2
		01.87- 12.92	112162	14 70	01.87- 12.92	111130	12 1.1
	[XU5J]	10.88- 08.92	111076	14 50	10.88- 08.92	110587	12 1.2
		10.88- 08.92	112162	14 70	10.88- 08.92	111130	12 1.1
					10.88- 08.92	111130	12 1.1
405 1.6 SRI 4x4		04.88- 07.92	111076	14 50	04.88- 07.92	110587	12 1.2
		04.88- 07.92	112162	14 70			
405 1.8	[LFZ (XU7JP)]	08.92-	112298	14 80	08.92- 04.97	111130	12 1.1
		08.92-	112299	14 95	08.92- 04.97	113443	12 1.4
	AC	08.92- 04.97	112298	14 80			
	AC	08.92- 04.97	112299	14 95			
405 1.8 TD	[A8A (XUD7TE)]	03.88- 12.92	111076	14 50	03.88- 12.92	111070	12 1.7
		03.88- 12.92	112162	14 70			
	[AJZ (XUD7TEY)]	03.88- 12.92	111076	14 50	03.88- 12.92	111070	12 1.7
		10.90- 08.92	112162	14 70			
405 1.9	[D2C (XU92C)]	07.87- 12.92	111076	14 50	07.87- 12.92	110587	12 1.2
		07.87- 12.92	112162	14 70			
	[D6A (XU9J2)]	07.87- 12.92	111076	14 50	07.87- 12.92	110587	12 1.2
					07.87- 12.92	111130	12 1.1
	[DDZ (XU9M)]	07.88- 12.92	111076	14 50	07.88- 12.92	110587	12 1.2
		07.88- 12.92	112162	14 70			
	[DFZ (XU9J1)]	10.88- 08.92	111076	14 50	10.88- 08.92	110587	12 1.2
		10.88- 08.92	112162	14 70			
	[DKZ (XU9JAZ)]	07.88- 12.92	111076	14 50	07.88- 12.92	110587	12 1.2
		07.88- 12.92	112162	14 70			
405 1.9 4x4	[DDZ (XU9M)]	07.88- 12.92	111076	14 50	07.88- 12.92	110587	12 1.2
		07.88- 12.92	112162	14 70			
405 1.9 Sport MI 16	[D6C (XU9J4)]	07.87- 11.91	111076	14 50	07.87- 11.91	110587	12 1.2
		07.87- 12.92	112162	14 70			
	[DFW (XU9J4Z)]	04.88- 12.92	111076	14 50	04.88- 12.92	110587	12 1.2
		04.88- 12.92	112162	14 70			
405 1.9 Sport MI 16 4X4	[DFW (XU9J4Z)]	04.88- 12.92	111076	14 50	04.88- 12.92	110587	12 1.2
		04.88- 12.92	112162	14 70			
405 1.9 i	[DFZ (XU9J1)]	07.87- 12.92	111076	14 50	07.87- 12.92	110587	12 1.2
		07.87- 12.92	112162	14 70			
405 1.9 Diesel	[D9B (XUD9A)]	03.88- 12.92	112162	14 70	03.88- 12.92	111070	12 1.7
	[DJY (XUD9A)]	10.88- 08.92	111076	14 50	10.88- 04.97	111070	12 1.7
		06.94-	112230	14 80	06.94- 10.96	114460	12 1.4
		06.94-	112292	14 70			
		06.94- 10.95	114026	14 80			
	[DJZ (XUD9Y)]	07.88- 09.92	112162	14 70	07.88- 06.94	111070	12 1.7
		08.92- 06.94	112230	14 80	08.92- 10.96	114460	12 1.4
		08.92- 06.94	112292	14 70			
		08.92- 10.95	114026	14 80			
	[XUD9]	09.93- 12.95	114026	14 80	01.93-	111070	12 1.7
					09.93- 12.95	114460	12 1.4
405 1.9 TD	[DHY (XUD9TE)]	08.92- 04.97	112230	14 80	08.92- 04.97	111070	12 1.7
		08.92- 04.97	112292	14 70	08.92- 10.96	114460	12 1.4
		08.92- 10.96	114026	14 80			
405 2.0	[RFZ (XU10J2)]	08.92-	112299	14 95	08.92- 04.97	113443	12 1.4
	AC	08.92- 04.97	112299	14 95	08.92- 04.97	111130	12 1.1
	AC	08.92- 04.97	112772	14 120			
405 2.0 4x4	[RFZ (XU10J2)]	08.92-	112299	14 95	08.92- 04.97	113443	12 1.4
	AC	08.92- 04.97	112299	14 95	08.92- 04.97	111130	12 1.1
	AC	08.92- 04.97	112772	14 120			
405 2.0 MI 16	[RFY (XU10J4Z)]	08.92-	112299	14 95			
	AC	08.92- 04.97	112299	14 95			
	AC	08.92- 04.97	112772	14 120			
405 2.0 16V	[RFT (XU10J4)]	06.94-	112299	14 95			
	AC	06.94-	112299	14 95			
	AC	06.94-	112772	14 120			
405 2.0 Turbo 16 4x4	[RGZ (XU10J4TE/Z)]	08.92-	112299	14 95			
	AC	08.92- 04.97	112299	14 95			
	AC	08.92- 04.97	112772	14 120			
406 1.6	[BFZ (XU5JP)]	11.95-	112298	14 80	11.95-	111130	12 1.1
		11.95-	112299	14 95	11.95-	113443	12 1.4
	AC	11.95-	112298	14 80			
	AC	11.95-	112299	14 95			
406 1.8	[LFX (XU7JB)]	05.97-	111318	14 80	05.97-	111130	12 1.1
		05.97- 05.04	113604	14 95	05.97-	113443	12 1.4
	AC	05.97-	111318	14 80			
406 1.8 16V	[6FZ (EW7J4)]	10.00-	112480	14 90			
		10.00- 05.04	113575	14 80			
	[LFY (XU7JP4)]	10.95-	111318	14 80	11.95-	111130	12 1.1
		11.95- 10.00	113604	14 95	11.95-	113443	12 1.4
	AC	10.95-	111318	14 80			
406 1.9 Diesel	[DHW (XUD9SD)]	10.96-	112688	14 95	10.96-	111070	12 1.7
		10.96-	112703	14 120	10.96- 05.04	114460	12 1.4
		10.96-	113485	14 80			
406 1.9 TD	[DHX (XUD9TE)]	01.96-	112688	14 95	01.96-	111070	12 1.7
		01.96-	112703	14 120	01.96- 10.04	114460	12 1.4
	[DHY (XUD9TE)]	01.96-	112688	14 95	01.96-	111070	12 1.7
		01.96-	112703	14 120	01.96- 05.04	114460	12 1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

PEUGEOT Continued

406 2.0 16V	[RFN (EW10J4)]	08.00-	112460	14 150				
		08.00-	112480	14 90				
	[RFR (DEW10J4)]	01.99-	112460	14 150	01.99-	111130	12 1.1	
		01.99-	112461	14 150	01.99-	113443	12 1.4	
406 2.0 HPI 16V	[RFV (XU10J4R)]	11.95-	111318	14 80	11.95-	111130	12 1.1	
		11.95- 05.04	113604	14 95	11.95-	113443	12 1.4	
	AC	11.95-	111318	14 80				
	[RLZ (EW10D)]	10.00-	112480	14 90				
406 2.0 Turbo	[RGX (XU10J2TE)]	04.96-	111318	14 80	04.96-	111130	12 1.1	
		04.96- 05.04	113604	14 95	04.96-	113443	12 1.4	
406 2.0 HDi	[RHY (DW10TD)]	02.99-	112461	14 150	02.99-	111070	12 1.7	
		02.99-	112480	14 90	02.99- 10.04	114460	12 1.4	
	AC	02.99-	112460	14 150				
	[RHZ (DW10ATED)]	06.98-	112461	14 150	06.98- 04.04	114460	12 1.4	
406 2.0 HDi FAP		10.98- 03.99	113503	14 120	02.99-	111070	12 1.7	
		02.99-	112480	14 90				
	AC	02.99-	112460	14 150				
	[RHS (DW10ATED)]	08.01-	112461	14 150	08.01- 05.04	111070	12 1.7	
406 2.1 TD 12V		08.01- 05.04	113926	12 1.9	08.01- 05.04	113926	12 1.9	
	[RHS (DW10ATED4)]	08.01-	112461	14 150	08.01-	111070	12 1.7	
					08.01- 10.04	113926	12 1.9	
	[RHZ (DW10ATED)]	08.01- 05.04	113926	12 1.9	08.01- 05.04	113926	12 1.9	
406 2.1 TD 12V	[RHZ (DW10ATED4)]	08.01- 10.04	113926	12 1.9	08.01- 10.04	113926	12 1.9	
	[P8C (XUD1BTE)]	01.96-	112688	14 95	01.96-	111070	12 1.7	
		01.96-	112703	14 120	01.96- 10.04	114460	12 1.4	
406 2.2		01.96-	113485	14 80				
	[3FZ (EW12J4)]	07.00- 05.04	112460	14 150				
406 2.2 HDi		07.00- 05.04	112480	14 90				
	[4HX (DW12TED4/FAP)]	03.00-	112460	14 150	03.00-	111070	12 1.7	
406 3.0 V6		03.00-	112461	14 150	03.00- 12.04	113926	12 1.9	
					03.00- 12.04	114460	12 1.4	
407 1.6 HDi FAP	[XFX (ES9J4S)]				AT 03.00- 10.04	115354	12 1.3	
					03.00-	115354	12 1.3	
407 1.6 HDi FAP	[9HY (DV6TED4)]	05.04-	113640	14 150	05.04-	113254	12 1.4	
					05.04-	113933	12 1.5	
					05.04-	114030	12 2.2	
	[9HZ (DV6TED4)]	05.04-	113640	14 150	05.04-	113254	12 1.4	
407 1.8		05.04-	113254	12 1.4	05.04-	113933	12 1.5	
					05.04-	114030	12 2.2	
407 1.8 16V	[6FZ (EW7J4)]	05.04-	112469	14 90				
	[6FY (EW7A)]	09.05-	115371*	14 120	09.05-	114460	12 1.4	
407 2.0		09.05-	115541	14 150				
	[RFN (EW10J4)]	05.04-	113755	14 150	05.04-	111070	12 1.7	
407 2.0 16V	[RFJ (EW10A)]	09.05-	115371*	14 120	09.05-	114460	12 1.4	
		09.05-	115541	14 150	09.05-	111070	12 1.7	
407 2.0 Bioflex	[RFJ (EW10A)]	09.07-	115541	14 150	09.07-	111070	12 1.7	
					09.07-	114460	12 1.4	
407 2.0 HDi	[RHE (DW10CTED4)]				02.10-	111070	12 1.7	
					02.10-	114854	12 2.5	
	[RHF (DW10BTED4)]				08.08-	114030	12 2.2	
					08.08-	114854	12 2.5	
407 2.0 HDi FAP	[RHH (DW10CTED4)]				06.09-	114854	12 2.5	
	[RHR (DW10BTED4)]	09.08- 12.09	113640	14 150	09.08- 12.09	113254	12 1.4	
					10.05- 12.09	113926	12 1.9	
					08.08-	114030	12 2.2	
407 2.0 HDi FAP					10.05- 12.09	114460	12 1.4	
					08.08-	114854	12 2.5	
					05.04-	111070	12 1.7	
					05.04-	113926	12 1.9	
407 2.2	[3FZ (EW12J4)]	05.04-	112469	14 90	05.04-	114460	12 1.4	
		05.04-	115541	14 150	05.04-	114854	12 2.5	
407 2.2 16V	[3FY (EW12J4)]	09.05-	115371*	14 120	09.05-	114460	12 1.4	
		09.05-	115541	14 150	09.05-	111070	12 1.7	
407 2.2 HDi	[4HP (DW12BTED4)]				06.08-	114854	12 2.5	
	[4HT (DW12BTED4)]				05.06-	114854	12 2.5	
407 2.7 HDi	[UHZ (DT17)]	10.05-	114391	14 180	10.05-	115328	12 2.2	
	[UHZ (DT17TED4)]	10.05-	114391	14 180	10.05-	115328	12 2.2	
407 3.0	[XFV (ES9A)]				05.04-	115354	12 1.3	
	[XFX (ES9A)]				10.05-	115354	12 1.3	
407 3.0 HDi	[DT20C]	06.09-	115582	14 230	06.09-	115328	12 2.2	
	[XC7P]				10.71- 12.77	110793	12 0.9	
504 1.6					01.80- 06.87	111066	12 1.05	
	[XM]				07.68- 12.77	110793	12 0.9	
					07.68- 02.71	111066	12 1.05	
	[XM7]				01.71- 12.77	110793	12 0.9	
504 1.8 i					12.77- 12.89	111066	12 1.05	
	[KF5]				07.68- 02.71	111066	12 1.05	
504 2.0	[KF6]				07.68- 02.71	111066	12 1.05	
	[106 (XN1)]				03.71- 12.77	110793	12 0.9	
					12.77- 06.86	111066	12 1.05	
	[107 (XN2)]				01.71- 08.84	111066	12 1.05	
504 2.0 Ti	[XN1]				04.71- 12.77	110793	12 0.9	
					12.77- 07.86	111066	12 1.05	
	[XN2]				10.74- 12.77	110793	12 0.9	
					12.77- 08.82	111066	12 1.05	
504 2.1 Diesel	[107 (XN2)]				01.71- 12.77	110793	12 0.9	
					12.77- 06.83	111066	12 1.05	
504 2.3 Diesel	[XD4X90]				07.81- 07.86	111125	12 2.2	
	[134 (XD2)]				07.81- 07.86	111125	12 2.2	
504 2.7	[140 (ZMJ)]				10.77- 08.84	110793	12 0.9	
					10.77- 08.84	111066	12 1.05	
505 1.8	[105 (XM7)]				01.82- 10.85	110793	12 0.9	
					01.82- 10.85	111066	12 1.05	

## STARTERS & ALTERNATORS



	[XM7A]					09.85- 10.86	110793	12	0.9
505 2.0	[106 (XN1)]					09.85- 10.86	111066	12	1.05
	[106E (XN1A)]					11.80- 12.85	110793	12	0.9
	[829 (ZEJ)]					11.80- 12.85	111066	12	1.05
	[XC6]					09.85- 11.87	111066	12	1.05
						08.79- 10.86	111063	12	1.2
						04.82- 11.87	111066	12	1.05
						09.79- 10.86	111063	12	1.2
505 2.2	[851 (ZDJ)]					05.81- 10.84	111063	12	1.2
	[851X (ZDJL)]					01.86- 12.93	111063	12	1.2
505 2.2 GTI	[851B (ZDJL)]					08.83- 12.93	111063	12	1.2
505 2.3 TD	[147 (XD2S)]					09.80- 06.86	111125	12	2.2
505 2.5	[152B (XD3TE)]					10.86- 12.93	111125	12	2.2
505 2.5 Diesel	[155 (XD3)]					06.81- 12.93	111125	12	2.2
505 2.5 TD	[152A (XD3T)]					10.83- 12.93	111125	12	2.2
	[152B (XD3TE)]					10.86- 12.93	111125	12	2.2
508 1.6 THP	[5FN]	11.10-	114811	14	120	11.10-	113960	12	0.9
		11.10-	115604	14	150 A49				
	[5FV (EP6DT)]	11.10-	114771*	14	150	11.10-	113960	12	0.9
		11.10-	114811	14	120				
		11.10-	115604	14	150				
508 1.6 VTI	[5FH]	11.10-	114811	14	120	11.10-	113960	12	0.9
		11.10-	115604	14	150 A49				
	[5FS (EP6C)]	11.10-	114771*	14	150	11.10-	113960	12	0.9
		11.10-	114811	14	120				
		11.10-	115604	14	150				
508 1.6 BlueHdi 120	[BHZ (DV6FC)]					03.14-	113933	12	1.5
508 1.6 HDi	[9HD (DV6CTED)]					02.12-	111130	12	1.1
						02.12-	113933	12	1.5
						02.12-	114030	12	2.2
	[9HR (DV6C)]					11.10-	113933	12	1.5
						11.10-	114030	12	2.2
	[BHX (DV6FC)]					09.14-	113933	12	1.5
508 2.0 HDi	[RHF (DW10BTED4)]					11.10-	114460	12	1.4
	[RHH (DW10CTED4)]					11.10-	114460	12	1.4
	[RHR (DW10BTED4)]					11.10-	113926	12	1.9
508 2.0 HDi 150	[AHX (DW10FD)]					04.14-	111070	12	1.7
						04.14-	113926	12	1.9
						04.14-	114460	12	1.4
508 2.0 HDi 180	[AHW (DW10FC)]					04.14-	114854	12	2.5
508 2.0 HDi AWC	[RHC (DW10CTED4)]					11.10-	113926	12	1.9
						11.10-	114460	12	1.4
						11.10-	114854	12	2.5
508 2.0 HDi Hybrid4						11.10-	111070	12	1.7
						11.10-	113926	12	1.9
508 2.2 HDi	[4HL (DW12C)]					11.10-	114854	12	2.5
604 2.5 TD	[152A (XD3T)]					07.81- 12.86	111125	12	2.2
604 2.7	[112 (ZM)]	08.77- 05.83	111071	14	75				
	[140 (ZMJ)]	08.77- 05.83	111071	14	75				
604 2.8 GTI	[154A (ZMJK)]	09.83- 07.87	111071	14	75				
605 2.0	[R5A (XU102C)]					10.89- 05.99	111130	12	1.1
						10.89- 05.99	113443	12	1.4
	[RDZ (XU10MZ)]					02.90-	111130	12	1.1
						06.92-	113443	12	1.4
	[RFZ (XU10J2Z)]					06.89- 06.95	111130	12	1.1
						06.89- 06.95	113443	12	1.4
605 2.0 16V	[RFV (XU10J4R)]	07.94- 06.95	112772	14	120	06.95-	113443	12	1.4
		07.94- 09.99	113604	14	95	06.95-	111130	12	1.1
		06.95-	111318	14	80				
605 2.0 Turbo	[RGX (XU10J2TE)]	07.91- 09.99	113604	14	95	07.94- 05.99	113443	12	1.4
		07.95- 05.99	111318	14	80	07.94- 05.99	111130	12	1.1
	[RGY (XU10J2TE)]					07.92- 06.95	111130	12	1.1
						07.92- 06.95	113443	12	1.4
605 2.1 Diesel	[P9A (XUD11A)]					05.89- 07.95	111070	12	1.7
						06.89- 07.95	114460	12	1.4
605 2.1 TD 12V	[P8C (XUD11BTE)]	07.95-	112688	14	95	08.94-	111070	12	1.7
		07.95-	112703	14	120	08.94- 09.99	114460	12	1.4
605 2.1 TD	[PHZ (XUD11ATE)]	06.95- 10.96	112688	14	95	06.89- 10.96	111070	12	1.7
		06.95- 10.96	112703	14	120				
605 2.5 TD	[THY (DK5ATE)]					07.94-	112053	12	2.2
						07.94-	113443	12	1.4
607 2.0	[RFN (EW10J4)]	02.00-	112469	14	90				
		02.00-	113575	14	80				
607 2.0 HDi	[RHR (DW10BTED4)]					09.05-	113926	12	1.9
	[RHS (DW10ATED)]	03.01- 07.04	113640	14	150	03.01- 07.04	111070	12	1.7
	[RHZ (DW10ATED)]	05.00-	112460	14	150	05.00-	111070	12	1.7
		05.00-	112461	14	150				
607 2.2 16V	[3FY (EW12J4)]	09.05-	113755	14	150	09.05-	111070	12	1.7
						09.05-	114460	12	1.4
	[3FZ (EW12J4)]	02.00-	112480	14	90				
		02.00- 11.04	113503	14	120				
		AT 02.00-	112480	14	90				
607 2.2 HDi	[4HX (DW12TED4/FAP)]	02.00-	112460	14	150	02.00-	111070	12	1.7
		02.00-	112461	14	150	02.00-	114460	12	1.4
		02.00-	113640	14	150				
607 2.2 HDi FAP	[4HT (DW12BTED4)]					05.06-	114854	12	2.5
607 2.7 HDi 24V	[DT17TED4]	12.04-	114391	14	180	12.04-	115328	12	2.2
607 3.0 V6 24V	[XFV (ES9A)]					03.04-	115354	12	1.3
	[FXV (ES9J4S)]					02.00-	115354	12	1.3
806 1.8	[LFW (XU7JP)]	07.95-	112298	14	80	07.95-	111130	12	1.1
		07.95-	112299	14	95	07.95-	113443	12	1.4
		07.95- 08.02	112772	14	120				
806 1.9 TD	[DHX (XUD9TE)]	08.94-	111893	14	70	08.94-	111070	12	1.7
		08.94-	112688	14	95	07.95- 08.02	114460	12	1.4
		08.94-	112703	14	120				
		08.94-	113485	14	80				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





PEUGEOT *Continued*

	[DHY (XUD9TE)]	03.94- 03.94- 03.94- 03.94-	111893 112688 112703 113485	14 70 14 95 14 120 14 80	03.94- 05.97- 08.02	111070 114460	12 1.7 12 1.4
806 2.0	[RFU (XU10J2)]	06.94- 06.94- 06.94-	112298 112299 112772	14 80 14 95 14 120	06.94- 06.94-	111130 113443	12 1.1 12 1.4
806 2.0 16V	[RFN (EW10J4)]	09.00- 09.00-	112480 113503	14 90 14 120			
	[RFV (XU10J4R)]	05.98- 05.98- 09.00	111318 113604	14 80 14 95	05.98- 05.98-	111130 113443	12 1.1 12 1.4
806 2.0 Turbo	[RGX (XU10J2TE)]	06.94- 03.97 06.94- 03.97 06.94- 08.02 Eng. 7390- 04.97- Eng. -7389 06.94- 03.97 Eng. -7389 06.94- 03.97 Eng. -7389 06.94- 03.97	112298 112299 113604 111318 112298 112299 112772	14 80 14 95 14 95 14 80 14 80 14 95 14 120	06.94- 06.94- 06.94- 06.94-	113443 111070 111130	12 1.7 12 1.4 12 1.1
806 2.0 HDi 16V	[RHW (DW10ATED4)]	08.99- 08.02 08.99- 08.02 08.99- 08.02 08.99- 08.02	112460 112461 112480 113503	14 150 14 150 14 90 14 120	08.99- 08.02 08.99- 08.02	111070 114460	12 1.7 12 1.4
806 2.0 HDi	[RHZ (DW10ATED)]	08.99- 08.99- 08.02 08.99- 08.99- 08.02	112460 112461 112480 113503	14 150 14 150 14 90 14 120	08.99- 08.99- 08.02	111070 114460	12 1.7 12 1.4
806 2.1 TD	[P8C (XUD11BTE)]	06.96- 06.96- 06.96- 06.96-	111893 112688 112703 113485	14 70 14 95 14 120 14 80	06.96- 06.96- 08.99	111070 114460	12 1.7 12 1.4
807 2.0	[RFN (EW10J4)]	06.02-	112469	14 90			
807 2.0 16V	[RFJ (EW10A)]	09.05- 09.05-	115371* 115541	14 120 14 150	09.05-	114460	12 1.4
807 2.0 HDi	[DW10UTED4]				11.06- 11.06-	113926 114460	12 1.9 12 1.4
	[RHH (DW10CTED4)]				06.09- 06.09-	111070 113926	12 1.7 12 1.9
	[RHK (DW10UTED4)]				06.02-	114460	12 1.4
	[RHM (DW10ATED4)]	06.02-	112461	14 150	06.02- 06.02-	111070 114460	12 1.7 12 1.4
	[RHR (DW10BTED4)]	06.06-	113640	14 150	06.06-	113926	12 1.9
	[RHT (DW10ATED4)]				06.02-	114460	12 1.4
	[RHW (DW10ATED4)]				06.02- 05.06	114460	12 1.4
807 2.2	[3FZ (EW12J4)]	06.02-	112469	14 90			
807 2.2 HDi	[4HT (DW12BTED4)]				06.06-	114854	12 2.5
807 2.2 HDi FAP	[4HX (DW12TED4/FAP)]	06.02-	112461	14 150	06.02- 06.02-	111070 114460	12 1.7 12 1.4
1007 1.4	[KFV (TU3JP)]	04.05-	113405	14 70	04.05- 04.05-	110584 111994	12 1.2 12 0.7
1007 1.4 16V	[KFU (ET3J4)]	10.05-	113246	14 90	10.05-	110584	12 1.2
1007 1.4 HDi	[8HX (DV4TD)]				04.05- 04.05-	113254 113933	12 1.4 12 1.5
	[8HZ (DV4TD)]	04.05-	113755	14 150	04.05- 04.05-	113254 113933	12 1.4 12 1.5
1007 1.6	[NFU (TU5JP4)]	04.05-	113405	14 70	04.05-	110584	12 1.2
1007 1.6 HDi	[9HZ (DV6TED4)]	06.07-	113640	14 150	06.07-	114030	12 2.2
2008 1.2 THP 110	[HNZ (EB2DT)]	01.15-	115546	14 80			
2008 1.2 VTi	[HMZ (EB2F)]	03.13-	115546	14 80	03.13- 03.13-	113960 116092*	12 0.9 12 1.0
2008 1.4 HDi	[8HR (DV4C)]				06.13- 06.13-	113254 113933	12 1.4 12 1.5
2008 1.6 VTi	[5FS (EP6C)]	03.13- 03.13-	114752* 114811	14 80 14 120	03.13-	113960	12 0.9
2008 1.6 HDi	[9HD (DV6CTED)]				03.13- 03.13-	113933 114030	12 1.5 12 2.2
	[9HP (DV6DTE)]				03.13- 03.13-	113254 114030	12 1.4 12 2.2
3008 1.6 THP	[5FV (EP6DT)]	06.09- 06.09- 06.09-	114771* 114811 115604	14 150 14 120 14 150	06.09-	113960	12 0.9
3008 1.6 i	[EP6CDT]				05.09-	113960	12 0.9
3008 1.6 i THP 150	[5FX (EP6DT)]	06.09- 06.09- 06.09-	114771* 114811 115604	14 150 14 120 14 150	06.09-	113960	12 0.9
3008 1.6 VTi	[5FS (EP6C)]	06.09- 06.09- 06.09-	114771* 114811 115604	14 150 14 120 14 150	06.09-	113960	12 0.9
	[EP6]	06.09- 06.09- 06.09-	114771* 114811 115604	14 150 14 120 14 150	06.09-	113960	12 0.9
3008 1.6 HDi	[9HD (DV6CTED)]				03.13- 03.13-	113933 114030	12 1.5 12 2.2
	[9HR (DV6C)]				08.10- 08.10-	113933 114030	12 1.5 12 2.2
	[9HZ (DV6ATED4)]				06.09- 06.09-	113933 114030	12 1.5 12 2.2
3008 2.0 Diesel Hybrid4	[RHH (DW10CTED4)]				02.11-	113926	12 1.9
3008 2.0 HDi	[RHE (DW10CTED4)]				06.09-	114854	12 2.5
	[RHH (DW10CTED4)]				06.09- 09.11-	114854 113926	12 2.5 12 1.9
4007 2.2 HDi	[4HK (DW12MTED4)]	02.07-	115369	14 150	02.07- 02.07-	114460 114854	12 1.4 12 2.5
	[4HN (DW12MTED4)]	02.07-	115369	14 150	02.07- 02.07-	114460 114854	12 1.4 12 2.5
5008 1.6	[5GZ (EP6FDT)]	02.12- 02.12-	114811 115604	14 120 14 150	02.12-	113960	12 0.9



5008 1.6 16V	[5FV (EP6DT)]				09.09-	113960	12	0.9
	[EP6]	09.09-	114771*	14 150	09.09-	113960	12	0.9
		09.09-	114811	14 120				
5008 1.6 THP 150		09.09-	115604	14 150				
		02.12-	114811	14 120	02.12-	113960	12	0.9
5008 1.6 HDi	[9HD (DV6CTED)]				03.13-	113933	12	1.5
					03.13-	114030	12	2.2
	[9HR (DV6C)]				08.10-	113933	12	1.5
					08.10-	114030	12	2.2
	[9HZ (DV6TED4)]				09.09-	113933	12	1.5
5008 2.0 HDi					09.09-	114030	12	2.2
	[9HZP (DV6TED4)]				09.09-	113933	12	1.5
					09.09-	114030	12	2.2
	[AHV (DW10FD)]				02.12-	113926	12	1.9
	[RHD (DW10CTED4)]				02.12-	113926	12	1.9
206+ 1.1	[RHE (DW10CTED4)]				06.09-	113926	12	1.9
					06.09-	114854	12	2.5
	[RHH (DW10CTED4)]				09.09-	113926	12	1.9
206+ 1.4					09.09-	114854	12	2.5
	[HFX (TU1A)]	01.09-	113405	14 70	01.09-	111994	12	0.7
206+ 1.4	[HFX (TU1JP)]	01.09-	113405	14 70	01.09-	110584	12	1.2
					01.09-	111994	12	0.7
	[KFT (TU3A)]	09.10-	113405	14 70	09.10-	110584	12	1.2
207 CC 1.6 16V Turbo	[KFW (TU3A)]	01.09-	112469	14 90	01.09-	110584	12	1.2
		01.09-	113575	14 80	01.09-	111994	12	0.7
	[KFW (TU3A)]	01.09-	112469	14 90	01.09-	110584	12	1.2
207 SW 1.4 16V		01.09-	113575	14 80	01.09-	111994	12	0.7
	[EP6CDT]				10.09-	113960	12	0.9
207 SW 1.6 16V	[8FR (EP3)]	11.09-	114752*	14 80	11.09-	113960	12	0.9
	[5FY (EP6DTS)]				02.07-	113960	12	0.9
207 SW 1.6 HDi	[9HP (DV6DTED)]				11.09-	113933	12	1.5
					11.09-	114030	12	2.2
	[9HR (DV6C)]				08.09-	113933	12	1.5
207 Van 1.4					08.09-	114030	12	2.2
	[KFW (TU3A)]	06.07- 10.08	115474	14 80	06.07- 10.08	110584	12	1.2
270 CC 1.6 HDi					06.07- 10.08	111994	12	0.7
	[9HR (DV6C)]	08.09-	113640	14 150	08.09-	113933	12	1.5
307 SW 1.4 HDi 70		08.09-	115369	14 150	08.09-	114030	12	2.2
	[8HZ (DV4TD)]	03.02- 01.05	113755	14 150	03.02- 01.05	113254	12	1.4
308 CC 1.6 THP	[EP6CDTX]	10.10-	114811	14 120	10.10-	113960	12	0.9
		10.10-	115604	14 150				
308 CC 1.6 16V	[5FS (EP6C)]				06.09-	113960	12	0.9
	[5FT (EP6DT)]				06.09-	113960	12	0.9
	[5FV (EP6CDT)]				06.09-	113960	12	0.9
308 CC 1.6 HDi	[9HL (DV6C)]				06.09-	114030	12	2.2
	[9HR (DV6C)]				06.09-	114030	12	2.2
	[9HZ (DV6TED4)]				03.13-	113933	12	1.5
308 CC 2.0 HDi					03.13-	114030	12	2.2
	[RHH(DW10CTED4)]				06.09-	113926	12	1.9
					06.09-	114854	12	2.5
308 SW 1.4 16V	[RHR (DW10BTED4)]				04.09-	114854	12	2.5
	[8FS (EP3)]	12.09-	114771*	14 150	12.09-	113960	12	0.9
		12.09-	114811	14 120				
308 SW 1.6 THP 155		12.09-	115604	14 150				
	[5FV (EP6DT)]	03.14-	114811	14 120	03.14-	113960	12	0.9
308 SW 1.6 16V	[5FT (EP6DT)]				09.07-	113960	12	0.9
	[5FV (EP6CDT)]	10.09-	114771*	14 150	10.09-	113960	12	0.9
		10.09-	114811	14 120				
308 SW 1.6 THP 125		10.09-	115604	14 150				
		03.14-	114811	14 120	03.14-	113960	12	0.9
308 SW 1.6 VTI		03.14-	115604	14 150				
		03.14-	115438	14 120				
308 SW 1.6 Bioflex	[NFU (TU5JP4)]	03.09-	115438	14 120	03.09-	110584	12	1.2
	[9HD (DV6C)]				03.14-	113254	12	1.4
308 SW 1.6 HDi					03.14-	113933	12	1.5
					03.14-	114030	12	2.2
	[9HR (DV6C)]				12.09-	113933	12	1.5
					12.09-	114030	12	2.2
					09.13-	113254	12	1.4
					09.13-	113933	12	1.5
					09.13-	114030	12	2.2
308 SW 2.0 Bioflex	[RFJ (EW10A)]	01.08-	115541	14 150				
308 SW 2.0 BlueHdi 180					06.14-	111070	12	1.7
					06.14-	114854	12	2.5
308 SW 2.0 HDi	[RHE (DW10CTED4)]				04.11-	113926	12	1.9
	[RHF (DW10BTED4)]				09.07-	114854	12	2.5
	[RHH(DW10CTED4)]	06.09-	113640	14 150	06.09-	113926	12	1.9
					06.09-	114854	12	2.5
	[RHR (DW10BTED4)]				09.07-	114854	12	2.5
380 SW 1.6 HDi					03.14-	113926	12	1.9
	[9HP (DV6DTED)]				03.14-	114460	12	1.4
407 SW 2.0 Bioflex	[RFJ (EW10A)]	01.08-	115541	14 150	11.09-	113254	12	1.4
407 SW 2.0 HDi								
	[RHE (DW10CTED4)]				02.10-	114854	12	2.5
407 SW 2.2 HDi	[RHH (DW10CTED4)]				07.09-	114854	12	2.5
	[4HP(DW12BTED4)]				06.08-	114854	12	2.5
508 SW 1.6		02.12-	114771*	14 150	02.12-	113960	12	0.9
508 SW 1.6 THP	[5FV (EP6DT)]	11.10-	114771*	14 150	11.10-	113960	12	0.9
		11.10-	114811	14 120				
		11.10-	115604	14 150				
508 SW 1.6 VTI	[5FX (EP6DT)]	11.10-	114811	14 120	11.10-	113960	12	0.9
		11.10-	115604	14 150 A49				
	[5FH]	11.10-	114811	14 120	11.10-	113960	12	0.9
		11.10-	115604	14 150 A49				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

PEUGEOT Continued

	[5FS (EP6C)]	11.10- 11.10- 11.10-	114771* 114811 115604	14 150 14 120 14 150		11.10-	113960	12 0.9
508 SW 1.6 HDi	[9HD (DV6CTED)]					02.12- 02.12- 02.12-	111130 113933 114030	12 1.1 12 1.5 12 2.2
	[9HR (DV6C)]					11.10- 11.10-	113933 114030	12 1.5 12 2.2
	[BHX (DV6FC)]					09.14-	113933	12 1.5
508 SW 2.0 HDi	[RHF (DW10BTED4)]					11.10-	114460	12 1.4
	[RHH(DW10CTED4)]					11.10-	114460	12 1.4
	[RHR (DW10BTED4)]					11.10- 11.10- 11.10-	111070 113926 114854	12 1.7 12 1.9 12 2.5
508 SW 2.0 HDi 150	[AHX (DW10FD)]					04.14- 04.14- 04.14-	111070 113926 114460	12 1.7 12 1.9 12 1.4
508 SW 2.0 HDi 180	[AHW (DW10FC)]					04.14-	114854	12 2.5
508 SW 2.0 HDi Hybrid	[RHC (DW10CTED4)]					12.11- 12.11-	111070 113926	12 1.7 12 1.9
508 SW 2.0 Hybrid	[RHC (DW10CTED4)]					11.10- 11.10-	113926 114460	12 1.9 12 1.4
508 SW 2.2 HDi	[4HL(DW12C)]					11.10-	114854	12 2.5
Bipper 1.2 HDi Tepee 80	[FHY (F13DTE6)]					12.15-	115400	12 1.4
Bipper 1.3 HDi 75	[199A9.000]	10.10-	115384	14 120				
Bipper 1.4 Tepee	[KFV (TU3A)]	04.08- 04.08-	112469 113575	14 90 14 80		04.08-	110584	12 1.2
Bipper 1.4 HDi	[8HS (DV4TD)]					02.08- 02.08-	113254 113933	12 1.4 12 1.5
Boxer 1.9 Diesel	[D8C (XUD9AU)]	03.94- 04.02	112230	14 80		03.94- 04.02 03.94- 04.02	111070 114460	12 1.7 12 1.4
	[DJY (XUD9A)]	07.98- 02.02	112230	14 80		07.98- 02.02	111070	12 1.7
Boxer 1.9 DT 4x4	[XUD9TE]					03.96- 09.98	114460	12 1.4
Boxer 1.9 TD	[D8C (XUD9UTF)]	03.94- 04.02	112230	14 80		03.94- 04.02 03.94- 04.02	111070 114460	12 1.7 12 1.4
	[DHX (XUD9TE)]	02.94- 02.02	112230	14 80		02.94- 12.98 07.99- 04.02	111070 114460	12 1.7 12 1.4
	[DHY (XUD9TE)]	08.94- 04.02	112230	14 80		08.94- 04.02 08.94- 04.02	111070 114460	12 1.7 12 1.4
Boxer 1.9 TD 4x4	[D8C (XUD9UTF)]	07.96-	112230	14 80		07.96- 07.96- 04.02	111070 114460	12 1.7 12 1.4
Boxer 2.0	[RFL (XU10J2U)]	04.02-	112298	14 80		04.02- 04.02-	111130 113443	12 1.1 12 1.4
Boxer 2.0 i	[RFW (XU10J2U)]	03.94- 03.94- 03.94- AC 03.94-	112298 112299 112772 112299	14 80 14 95 14 120 14 95		03.94- 03.94-	111130 113443	12 1.1 12 1.4
Boxer 2.0 i 4x4	[RFW (XU10J2U)]	08.96- 08.96- AC 08.96-	112298 112772 112299	14 80 14 120 14 95		02.94- 04.02 02.94- 04.02	111130 113443	12 1.1 12 1.4
Boxer 2.0 HDi	[RHV (DW10TD)]	08.01- 04.02 08.01- 04.02 04.02- 04.02- 04.02- AC 04.02- AC 04.02- AC 04.02-	112461 112480 112460 113640 113946 112460 112480 113640	14 150 14 90 14 150 14 150 14 90 14 150 14 90 14 150		08.01- 04.02 08.01- 04.02	114460 111070	12 1.4 12 1.7
	[RHV (DW10UTD)]	04.02- 04.02- 04.02- 04.02- AC 04.02- AC 04.02- AC 04.02-	112460 112461 112480 113946 112460 112480 113640	14 150 14 150 14 90 14 90 14 150 14 90 14 150		04.02-	111070	12 1.7
Boxer 2.2 HDi	[4HG]	03.11- 03.11-	115461* 116061	14 150 14 150 A49		03.11- 03.11-	113959 115510	12 2.0 12 2.0 A49
	[4HG (P22DTE)]	03.11- 03.11-	115461* 116061	14 150 14 150 A49		03.11- 03.11-	113959 115510	12 2.0 12 2.0 A49
	[4HH (P22DTE)]	03.11- 03.11- 03.11-	115461* 115739 116061	14 150 14 180 14 150 A49		03.11- 03.11- A25 03.11-	113959 115510 115986	12 2.0 12 2.0 A49 12 2.5
	[4HJ (P22DTE)]	03.11- 03.11- 03.11-	115461* 115739 116061	14 150 14 180 14 150 A49		03.11- 03.11- A25 03.11-	113959 115510 115986	12 2.0 12 2.0 A49 12 2.5
	[4HU (P22DTE)]	04.06- 04.06-	113958 115499	14 150 14 150 A49		04.06- 04.06-	113959 115510	12 2.0 12 2.0 A49
	[4HV (P22DTE)]	04.06- 04.06-	113958 115499	14 150 14 150 A49		04.06- 04.06-	113959 115510	12 2.0 12 2.0 A49
	[4HY (DW12UTED)]	04.02- 04.02- 04.02- AC 04.02- AC 04.02- AC 04.02-	112460 112480 113946 112460 112480 113640	14 150 14 90 14 90 14 150 14 90 14 150		04.02-	111070	12 1.7
Boxer 2.4 TDi	[THX (DJ5TED)]	10.96- 04.02 01.97- 01.97- 01.97-	112772 112230 112298 112299	14 120 14 80 14 80 14 95		01.97-	112053	12 2.2
Boxer 2.4 TDi 4x4	[THX (DJ5TED)]	01.97- 01.97- 01.97-	112298 112299 112772	14 80 14 95 14 120		01.97-	112053	12 2.2
Boxer 2.5 i	[RFW (XU10J2U)]	06.94- 06.94- 06.94- AC 06.94-	112298 112299 112772 112299	14 80 14 95 14 120 14 95		06.94- 06.94-	111130 113443	12 1.1 12 1.4

STARTERS & ALTERNATORS



Boxer 2.5 Diesel	[T9A (DJ5)]	03.94- 04.02	112298	14 80		03.94- 04.02	112053	12 2.2	
		03.94- 04.02	112299	14 95		02.94-	111070	12 1.7	
		03.94- 04.02	112772	14 120					
Boxer 2.5 Diesel 4x4	[T9A (DJ5)]	02.94- 02.02	112772	14 120		02.94- 02.02	112053	12 2.2	
		07.96-	112298	14 80					
		07.96-	112299	14 95					
Boxer 2.5 TD	[T8A (DJ5T)]	03.94- 04.02	112298	14 80		03.94- 04.02	112053	12 2.2	
		03.94- 04.02	112299	14 95		02.94-	111070	12 1.7	
		03.94- 04.02	112772	14 120					
Boxer 2.5 TD 4x4	[T8A (DJ5T)]	07.96-	112298	14 80		07.96-	112053	12 2.2	
		07.96-	112299	14 95					
		07.96-	112772	14 120					
Boxer 2.5 TDi	[THX (DJ5TED)]	01.97-	112298	14 80		01.97-	112053	12 2.2	
		01.97-	112299	14 95					
		01.97-	112772	14 120					
Boxer 2.5 TDi 4x4	[THX (DJ5TED)]	10.96- 02.02	112772	14 120		10.96- 04.02	112053	12 2.2	
Boxer 2.8 Diesel	[8140.63 (F28D)]					01.99- 02.02	113451	12 2.2	
Boxer 2.8 HDi	[8140.43N]	04.04-	113247	14 120		04.04-	112436	12 2.3	
		04.04-	113950	14 90		04.04-	113935	12 2.5	
		04.04-	114680	14 150		04.04-	115501	12 2.5 A49	
	[8140.43S]	11.00-	113247	14 120		Chas. -17600143	11.00-	112436	12 2.3
		11.00- 04.02	114680	14 150			11.00- 04.02	115501	12 2.5 A49
		04.04-	113950	14 90		Chas. 17600144-	11.00- 04.02	113935	12 2.5
	[8140.43S (F28DTCR)]	11.00-	113247	14 120			11.00-	112026	12 2.6
		10.00- 11.01	113247	14 120			11.00-	112026	12 2.6
		10.00- 04.02	113950	14 90		Chas. -17600143	10.00- 11.01	112436	12 2.3
	[8140.43S(F28DTCR)]	10.00- 04.02	114680	14 150		Chas. 17600144-	10.00- 04.02	113935	12 2.5
							10.00- 04.02	115501	12 2.5 A49
		04.02- 09.09	113247	14 120			04.02- 09.09	112026	12 2.6
[8140.43S(F28DTCR)]	04.02-	113950	14 90		Chas. -17600143	04.02- 09.09	112436	12 2.3	
	04.02- 09.09	114680	14 150		Chas. 17600144-	04.02-	113935	12 2.5	
						04.02-	115501	12 2.5 A49	
Boxer 2.8 HDi 4x4	[8140.43S (F28DTCR)]	10.00- 04.02	114680	14 150		04.02-	115501	12 2.5 A49	
		04.02-	113247	14 120		04.02-	112026	12 2.6	
		04.02-	113950	14 90		Chas. -17600143	04.02-	112436	12 2.3
[8140.43S(F28DTCR)]	04.02-	113247	14 120		Chas. 17600144-	04.02-	113935	12 2.5	
	04.02-	113950	14 90			04.02-	112026	12 2.6	
	04.02-	114680	14 150		Chas. -17600143	04.02-	112436	12 2.3	
Boxer 2.8	[8040.63]	04.02-	113950	14 90		04.02-	115501	12 2.5 A49	
						01.99-	113451	12 2.2	
Boxer 3.0 HDi	[F1CE3481E]	03.11-	114082	14 180 A49		03.11-	114054	12 2.5	
[F30DTE5]	03.11-	114705	14 140		03.11-	115516	12 2.5 A49		
	03.11-	115490	14 140 A49						
	03.11-	116043	14 180						
Expert 1.6	[222A2]	04.10-	114705	14 140		04.10-	114054	12 2.5	
		04.10-	115490	14 140 A49		04.10-	115516	12 2.5 A49	
Expert 1.6 BlueHDI 115	[BHX (DV6FC)]					02.96-	112124	12 0.9	
Expert 1.6 BlueHDI 95	[BHV (DV6FDU)]	04.16-	113254	12 1.4		04.16-	114030	12 2.2	
		04.16-	114030	12 2.2					
Expert 1.6 HDi	[9HU (DV6UTED4)]	01.07-	113640	14 150		01.07-	113254	12 1.4	
Expert 1.6 HDi 90	[9HM (DV6UC), 9HH (DV6DUM)]	01.07-	113640	14 150		01.07-	113254	12 1.4	
		01.07-	113946	14 90		01.07-	114030	12 2.2	
						01.07-	113254	12 1.4	
Expert 1.6 HDi Tepee	[9HM (DV6UC), 9HH (DV6DUM)]	01.07-	113640	14 150		01.07-	113254	12 1.4	
						01.07-	114030	12 2.2	
						01.07-	113254	12 1.4	
Expert 1.8	[LFZ (XU7JP)]	10.96- 09.00	112298	14 80		10.96- 09.00	111130	12 1.1	
		10.96- 09.00	112299	14 95					
		10.96- 09.00	112772	14 120					
Expert 1.9 Diesel	[D9B (XUD9AU)]	02.96-	111893	14 70		02.96-	111070	12 1.7	
		02.96-	112688	14 95		02.96-	114460	12 1.4	
		02.96-	112703	14 120					
		02.96-	113485	14 80					
	[DW8]	06.98-	112058	14 70		06.98-	111070	12 1.7	
		06.98-	112480	14 90		06.98-	114460	12 1.4	
	[WJY (DW8B)]	09.01-	113603	14 80		12.98-	111070	12 1.7	
		12.98-	112058	14 70		12.98-	114460	12 1.4	
	AC	12.98-	112480	14 90					
		12.98-	113503	14 120					
	[WJZ (DW8)]	06.98- 08.01	113603	14 80		12.98-	111070	12 1.7	
		12.98-	113640	14 150		12.98-	114460	12 1.4	
Expert 1.9 TD	[D8B (XUD9TE)]	02.96-	111893	14 70		02.96-	111070	12 1.7	
		02.96-	112688	14 95		02.96-	114460	12 1.4	
		02.96-	112703	14 120					
		02.96-	113485	14 80					
	[DHX (XUD9TE)]	02.96-	111411	14 75		02.96-	111070	12 1.7	
	02.96-	111893	14 70		02.96-	114460	12 1.4		
	02.96-	112688	14 95						
	02.96-	112703	14 120						
	02.96-	113485	14 80						
	02.96-	113537	14 65						
Expert 2.0	[RFN (EW10J4)]	03.00-	112480	14 90					
		03.00-	113503	14 120					
Expert 2.0 16V	[RFH (EW10A)]	01.07-	115371*	14 120					
		01.07-	115541	14 150					
Expert 2.0 BlueHDI 120	[RFJ (EW10A)]	01.07-	115371*	14 120					
		01.07-	115541	14 150					
Expert 2.0 BlueHDI 150	[AHX (DW10FD)]					04.16-	111070	12 1.7	
Expert 2.0 BlueHDI 180	[AHH (DW10FC)]					04.16-	111070	12 1.7	
						04.16-	114854	12 2.5	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**PEUGEOT** *Continued*

Expert 2.0 HDi	[AHY]				03.11-	111070	12	1.7			
					03.11-	113926	12	1.9			
	[AHZ]				03.11-	111070	12	1.7			
						03.11-	113926	12	1.9		
	[AHZ (DW10CD)]				03.11-	111070	12	1.7			
						03.11-	113926	12	1.9		
	[RHH (DW10CTED4)]				09.09-	111070	12	1.7			
						09.09-	113926	12	1.9		
	[RHK (DW10UTED4)]	01.07-	113640	14	150	01.07-	113926	12	1.9		
	[RHR (DW10BTED4)]	01.07-	113640	14	150	01.07-	113926	12	1.9		
	[RHW (DW10ATED4)]	07.00-	112480	14	90	07.00-	111070	12	1.7		
		07.00-	113503	14	120	07.00-	114460	12	1.4		
	Chas. 09520-	07.00-	113640	14	150						
	Chas. -09519	07.00-	112460	14	150						
	Chas. -09519	07.00-	112461	14	150						
	[RHX (DW10BTED)]	07.00-	112461	14	150	07.00-	114460	12	1.4		
		07.00-	113640	14	150	07.00-	111070	12	1.7		
	AC	10.99-	12.02	112460	14	150					
	[RHZ (DW10ATED)]	07.00-	112460	14	150	07.00-	111070	12	1.7		
		07.00-	112461	14	150	07.00-	114460	12	1.4		
		07.00-	113603	14	80						
		07.00-	113640	14	150						
	AC	07.00-	12.02	112460	14	150					
	[RHZ (DW10BTED)]	07.00-	112460	14	150	07.00-	111070	12	1.7		
		07.00-	112461	14	150	07.00-	114460	12	1.4		
		07.00-	113603	14	80						
		07.00-	113640	14	150						
	[RHZ (DW10CTED)]	07.00-	112460	14	150	07.00-	111070	12	1.7		
		07.00-	112461	14	150	07.00-	114460	12	1.4		
		07.00-	113603	14	80						
		07.00-	113640	14	150						
						03.11-	111070	12	1.7		
						03.11-	113926	12	1.9		
Expert 2.0 HDi 120 4x4	[RHK (DW10UTED4)]	01.07-	113640	14	150	01.07-	113926	12	1.9		
Expert 2.0 HDi 130	[AHZ (DW10CD)]				03.11-	111070	12	1.7			
					03.11-	113926	12	1.9			
Expert 2.0 HDi 165	[RHH (DW10CTED4)]				09.09-	111070	12	1.7			
					09.09-	113926	12	1.9			
					09.09-	114854	12	2.5			
Expert 2.0 HDi 4x4	[AHZ (DW10CD)]				03.11-	111070	12	1.7			
					03.11-	113926	12	1.9			
Expert 2.0 HDi Tepee	[RHH (DW10CTED4)]				09.09-	111070	12	1.7			
					09.09-	113926	12	1.9			
	[RHK (DW10UTED4)]	01.07-	113640	14	150	01.07-	113926	12	1.9		
	[RHR (DW10BTED4)]	01.07-	113640	14	150	01.07-	113926	12	1.9		
Hoggar 1.4 Flexfuel	[KVF(TU3A)]				05.10-	110584	12	1.2			
Hoggar 1.6 Flexfuel	[NFU(TU5JP4)]				05.10-	110584	12	1.2			
J5 1.8	[169B (XM7T)]				01.83-	11.88	110793	12	0.9		
					01.83-	11.88	111066	12	1.05		
J5 1.9 Diesel	[D9B (XUD9A)]	11.87-	111076	14	50	11.87-	111070	12	1.7		
J5 2.0	[170 (XN1T)]				01.83-	09.90	110793	12	0.9		
					01.83-	09.90	111066	12	1.05		
	[170B (XN1T)]				09.81-	09.90	110793	12	0.9		
					09.81-	09.90	111066	12	1.05		
	[170D (XN1TACP)]				10.90-	110793	12	0.9			
					10.90-	111066	12	1.05			
J5 2.5 Diesel	[CRD93 (U25/661)]	09.81-	12.93	111071	14	75	09.81-	12.93	111115	12	2.2
J5 2.5 Diesel 4x4	[CRD93 (U25/661)]	10.90-	111071	14	75	10.90-	111115	12	2.2		
J5 2.5 TD	[CRD93LS (U25-673)]				10.90-	111115	12	2.2			
J5 2.5 TD 4x4	[CRD93LS (U25/673)]				10.90-	111115	12	2.2			
	[CRD93LS (U25-673)]				10.90-	111115	12	2.2			
J7 1.6	[XC7P]				08.68-	03.80	110793	12	0.9		
Partner 1.1	[HDZ (TU1M)]	06.96-	110619	14	70	06.96-	110584	12	1.2		
		06.96-	111723	14	70						
		06.96-	112782	14	80						
	[HFX (TU1JP)]	06.96-	110619	14	70	06.96-	110584	12	1.2		
Partner 1.4	[KFW (TU3JP)]	06.96-	110619	14	70	06.96-	110584	12	1.2		
		06.96-	111723	14	70						
		06.96-	112782	14	80						
		06.96-	113404	14	90						
	[KFX (TU3JP)]	06.96-	110619	14	70	06.96-	110584	12	1.2		
		06.96-	111723	14	70						
		06.96-	112782	14	80						
		06.96-	113404	14	90						
	[TU32]	06.96-	110619	14	70	06.96-	110584	12	1.2		
		06.96-	111723	14	70						
		06.96-	112782	14	80						
		06.96-	113404	14	90						
Partner 1.4 BiFuel	[KFW (TU3JP)]	09.02-	112469	14	90	09.02-	110584	12	1.2		
Partner 1.6	[5FK (EP6C) DTR]				11.10-	113960	12	0.9			
	[5FS (EP6C)]				04.10-	113960	12	0.9			
Partner 1.6 Tepee	[5FK (EP6C) DTR]	08.10-	114811	14	120	08.10-	113960	12	0.9		
		08.10-	115604	14	150						
	[5FS (EP6C)]	04.10-	114752*	14	80	04.10-	113960	12	0.9		
		04.10-	114771*	14	150						
		04.10-	114811	14	120						
		04.10-	115604	14	150						
Partner 1.6 16V	[NFU(TU5JP4)]				07.01-	110584	12	1.2			
					07.01-	111994	12	0.7			
Partner 1.6 BlueHdi 100	[BHY (DV6FD)]				04.15-	113254	12	1.4			
					04.15-	113933	12	1.5			
					04.15-	114030	12	2.2			
Partner 1.6 BlueHdi 120	[BHZ (DV6FC)]				04.15-	113254	12	1.4			
					04.15-	113933	12	1.5			
					04.15-	114030	12	2.2			

## STARTERS & ALTERNATORS



Partner 1.6 BlueHDi 75	[BHW (DV6FE)]				01.15-	113254	12	1.4		
					01.15-	113933	12	1.5		
					01.15-	114030	12	2.2		
Partner 1.6 BlueHDi Tepee	[BHW (DV6FE)]				01.15-	113254	12	1.4		
					01.15-	113933	12	1.5		
					01.15-	114030	12	2.2		
	[BHY (DV6FD)]				12.14-	113254	12	1.4		
					12.14-	113933	12	1.5		
					12.14-	114030	12	2.2		
	[BHZ (DV6FC)]				12.14-	113254	12	1.4		
					12.14-	113933	12	1.5		
					12.14-	114030	12	2.2		
Partner 1.6 HDi	[9HF (DV6DTED)]				03.13-	113254	12	1.4		
					03.13-	113933	12	1.5		
					03.13-	114030	12	2.2		
	[9HL (DV6C)]				03.13-	113933	12	1.5		
					03.13-	114030	12	2.2		
					04.10-	113254	12	1.4		
	[9HP (DV6DTED)]				04.10-	113933	12	1.5		
					04.10-	114030	12	2.2		
					04.10-	114030	12	2.2		
	[9HS (DV6TED4BU)]	04.08-	113640	14	150	04.08-	113254	12	1.4	
						04.08-	114030	12	2.2	
	[9HT (DV6BTED4)]	01.09-	113640	14	150	04.08-	113254	12	1.4	
		01.09-	113946	14	90	04.08-	114030	12	2.2	
	[9HW (DV6BTED4)]	02.06-	113640	14	150	02.06-	113254	12	1.4	
						04.08-	114030	12	2.2	
[9HX (DV6ATED4)]	02.06-	113640	14	150	02.06-	113254	12	1.4		
	01.09-	113946	14	90	04.08-	114030	12	2.2		
[9HZ (DV6TED4)]					04.08-	114030	12	2.2		
					08.10-	113933	12	1.5		
					08.10-	114030	12	2.2		
Partner 1.6 HDi Tepee	[9HF (DV6DTED)]				03.13-	113254	12	1.4		
					03.13-	113933	12	1.5		
					03.13-	114030	12	2.2		
	[9HL (DV6C)]				08.10-	113933	12	1.5		
					08.10-	114030	12	2.2		
					04.10-	113254	12	1.4		
	[9HP (DV6DTED)]				04.10-	113933	12	1.5		
					04.10-	114030	12	2.2		
					04.10-	114030	12	2.2		
	[9HT (DV6BTED4)]	04.08-	113640	14	150	04.08-	113254	12	1.4	
						04.08-	114030	12	2.2	
[9HV (DV6TED4)]	04.08-	113640	14	150	04.08-	113254	12	1.4		
					04.08-	114030	12	2.2		
[9HW (DV6BTED4)]	04.08-	113640	14	150	04.08-	113254	12	1.4		
					04.08-	114030	12	2.2		
[9HX (DV6ATED4)]	04.08-	113640	14	150	04.08-	113254	12	1.4		
					04.10-	113933	12	1.5		
					04.08-	114030	12	2.2		
					04.08-	114030	12	2.2		
Partner 1.8	[LFX (XU7JB)]		05.97-	111318	14	80	05.97-	111130	12	1.1
			05.97-	113604	14	95	05.97-	113443	12	1.4
Partner 1.8 Diesel	[A9A (XUD7)]		06.96-	112230	14	80	06.96-02.98	114460	12	1.4
			06.96-	112292	14	70	06.96-	111070	12	1.7
			06.96-	112688	14	95				
			PS 06.96-	111893	14	70				
			PS 06.96-	113485	14	80				
			AC 06.96-	112703	14	120				
Partner 1.9 Diesel	[DJY (XUD9A)]		06.96-	112230	14	80	06.96-	114460	12	1.4
			06.96-	112292	14	70	06.96-	111070	12	1.7
			06.96-	112688	14	95				
			PS 06.96-	111893	14	70				
			PS 06.96-	113485	14	80				
			AC 06.96-	112703	14	120				
	[WJY (DW8)]		09.00-	113603	14	80	12.98-	114460	12	1.4
			09.00-	113603	14	80	06.96-	111070	12	1.7
			06.96-	112058	14	70	06.96-	114460	12	1.4
	[WJY (DW8B)]		06.96-	112460	14	150				
			06.96-	112480	14	90				
			06.96-	112058	14	70	06.96-	111070	12	1.7
	[WJZ (DW8)]		06.96-	112460	14	150	06.96-	114460	12	1.4
			06.96-	112480	14	90				
			06.96-	112058	14	70	06.96-	111070	12	1.7
[XUD9]		11.98-08.02	113603	14	80					
		05.96-07.96	112292	14	70	05.96-12.98	111070	12	1.7	
		06.96-12.98	112230	14	80					
		06.96-12.98	112688	14	95					
		07.96-12.98	111893	14	70					
		07.96-12.98	113485	14	80					
Partner 1.9 Diesel 4x4	[WJY (DW8B)]		08.00-	113603	14	80	04.04-	111070	12	1.7
			04.04-	112058	14	70	04.04-	114460	12	1.4
			04.04-	112480	14	90				
	[WJY (DW8B)]					04.04-08.05	114460	12	1.4	
Partner 2.0 HDi	[RHY (DW10TD)]		02.00-	113755	14	150	12.99-	111070	12	1.7
			02.00-	113948	14	150	02.00-	114460	12	1.4
			09.02-	113603	14	80				
			12.99-11.02	112460	14	150				
			12.99-11.02	112480	14	90				
Partner 2.0 HDi 4x4	[RHY (DW10TD)]		04.04-	112058	14	70	04.04-	111070	12	1.7
			04.04-	112480	14	90	04.04-	114460	12	1.4
			04.04-	113603	14	80				
			04.04-	113755	14	150				
		[RHY (DW10TD)]					04.04-08.05	114460	12	1.4
RCZ 1.6	[5FG (EP6CDTR)]		06.13-	114811	14	120	06.13-	113960	12	0.9
			06.13-	115604	14	150				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**PEUGEOT** *Continued*

RCZ 1.6 16V	[5FV (EP6CDT)]	03.10-	114752*	14 80	03.10-	113960	12 0.9
		03.10-	114771*	14 150			
		03.10-	114811	14 120			
		03.10-	115604	14 150			
	[EP6CDTX]	06.10-	114752*	14 80	06.10-	113960	12 0.9
		06.10-	114771*	14 150			
		06.10-	114811	14 120			
		06.10-	115604	14 150			
RCZ 1.6 THP THP 150	[5FE (EP6CDTMD)]	03.11-	114811	14 120	03.11-	113960	12 0.9
		03.11-	115604	14 150			
RCZ 2.0 HDi	[RHH (DW10CTED4)]				03.10-	113926	12 1.9
Traveller 1.6 BlueHdi 115					04.16-	113254	12 1.4
					04.16-	114030	12 2.2
Traveller 1.6 BlueHdi 95					04.16-	113254	12 1.4
					04.16-	114030	12 2.2
Traveller 2.0 BlueHdi 150					04.16-	111070	12 1.7
					04.16-	113926	12 1.9
Traveller 2.0 BlueHdi 180					04.16-	111070	12 1.7
					04.16-	114854	12 2.5
Various models					11.87-	111070	12 1.7
					07.87-	111115	12 2.2
<b>PASSENGER CARS US</b>							
207 1.4	[KFW (TU3A)]	08.08-	115474	14 80			
404 1.6					01.68- 01.69	111066	12 1.05
404 1.8					01.70- 01.70	111066	12 1.05
405 1.9 DL		01.89- 01.91	111076	14 50	01.89- 01.91	110587	12 1.2
		01.89- 01.91	110911	14 55			
405 1.9 MI16		01.89- 01.91	110911	14 55	01.89- 01.91	110587	12 1.2
		01.89- 01.91	111076	14 50			
405 1.9 S		01.89- 01.91	110911	14 55	01.89- 01.91	110587	12 1.2
		01.89- 01.91	111076	14 50			
504 2.0					01.71- 01.78	111066	12 1.05
505 2.0					01.80- 01.85	111066	12 1.05
505 2.0 GL					01.84- 01.86	111066	12 1.05
505 2.0 Liberte					01.87- 01.87	111066	12 1.05
505 2.0 S					01.84- 01.86	111066	12 1.05
505 2.0 STI					01.84- 01.86	111066	12 1.05
505 2.2					01.90- 01.90	111063	12 1.2
505 2.2 DL					01.88- 01.91	111063	12 1.2
505 2.2 GL					01.87- 01.87	111063	12 1.2
505 2.2 GLS					01.87- 01.88	111063	12 1.2
505 2.2 S					01.89- 01.89	111063	12 1.2
505 2.2 STI					01.87- 01.88	111063	12 1.2
505 2.2 SW8					01.89- 01.91	111063	12 1.2
604 2.3 Turbo					07.81- 12.86	111125	12 2.2
Partner 1.8					05.97-	113443	12 1.4
<b>PASSENGER CARS AO</b>							
205 1.9 Diesel	[XUD9]				07.90-	110587	12 1.2
206 1.1		Only K6C / K6D	06.98-	113603	14 80		
309 1.1	[H1B (TU1)]	09.89- 10.93	112754	14 70			
405 1.8 Diesel 4x4	[ABA (XUD7TE)]				06.88- 12.92	111070	12 1.7
406 1.8		10.97- 03.99	113604	14 95			
Boxer 2.0	[RFL (XU10J2U)]				04.02-	113443	12 1.4
Expert 2.0 HDi Comfort	[RHX (DW10BTE)]	11.03-	113640	14 150			
Partner 1.6	[NFU (TU5JP4)]				09.00-	110584	12 1.2
					09.00-	111994	12 0.7
<b>Piaggio</b>							
<b>PASSENGER CARS EU</b>							
APE 0.4	[GL400]				06.00-	112171	12 1.1
Ape Car D 0.5					10.86- 12.96	114741	12 1.6
Ape Car TMD 0.5					10.86- 12.96	114741	12 1.6
Ape Poker Quadriciclo 0.4					10.86- 12.96	114741	12 1.6
Porter 1.0	[CB41]	12.92- 05.98	111048	14 40	02.94- 05.98	111088	12 0.8
		12.92- 05.98	113921	14 40			
Porter 1.3 16V	[HCEL]	06.98-	111437	14 45	06.98-	114851	12 0.8
Porter 1.3 16V 4x4	[HCEL]	06.98-	111437	14 45	06.98-	114851	12 0.8
Porter 1.3 i 16V		05.98-	111437	14 45	05.98-	114851	12 0.8
Porter 1.3 16V LPG	[HCEL]	06.98-	111437	14 45	06.98-	114851	12 0.8
<b>MOTOR BIKES</b>							
0.4						116074*	12 0.4
<b>Pininfarina</b>							
<b>PASSENGER CARS EU</b>							
124 2.0 2000	[132C3.031]	06.79- 04.85	110912	14 55			
124 2.0 2000 Spider Europa	[132C3.031]	06.79- 04.85	110912	14 55			
		03.82- 09.85	111620	14 65			
124 2.0 2000 Volumex	[232R14]	06.83- 04.85	110912	14 55			
<b>Plymouth</b>							
<b>PASSENGER CARS EU</b>							
Breeze 2.0 16V	[ECB]	12.95-	113067	14 90			
Breeze 2.4 16V	[EDZ]	12.95- 04.01	113067	14 90			
Voyager 2.0 i	[ECC]				01.95- 03.01	114294	12 1.1
Voyager 2.4 i	[EDZ, EDO]	01.95- 03.01	113067	14 90			
Voyager 3.3 FlexFuel	[EGM]				01.98- 03.01	114135	12 1.2
Voyager 3.3 i	[EGM]				01.95- 03.01	111492	12 1.4
					01.95- 03.01	114135	12 1.2
Voyager 3.8 i	[EGH]				01.95- 03.01	111492	12 1.4
					01.95- 03.01	114135	12 1.2
Voyager 3.8 i 4WD	[EGH]				01.95- 03.01	111492	12 1.4
					01.95- 03.01	114135	12 1.2
<b>PASSENGER CARS US</b>							
Acclaim 2.5		01.92- 01.95	111193	14 90			
		01.89- 01.91	113051#	14 120			
Acclaim 2.5 LE		01.89- 01.91	113051#	14 120			
Acclaim 2.5 Turbo		01.89- 01.90	113051#	14 120			
Acclaim 2.5 Turbo LE		01.89- 01.91	113051#	14 120			
Acclaim 2.5		01.93- 01.94	111193	14 90			



Arrow 1.6						01.79-01.80	110158	12	1.2
						01.76-01.78	110157	12	1.0
Arrow 1.6 GS						01.79-01.79	110158	12	1.2
						01.76-01.78	110157	12	1.0
Arrow 1.6 GT						01.79-01.79	110158	12	1.2
						01.76-01.78	110157	12	1.0
Arrow 2.0 GS						01.76-01.78	110157	12	1.0
Arrow 2.0 GT						01.76-01.78	110157	12	1.0
Arrow 2.0 Pickup						01.79-01.82	110805	14	45
Arrow 2.6						01.80-01.80	110805	14	45
Arrow 2.6 GS						01.79-01.79	110805	14	45
Arrow 2.6 GT						01.79-01.79	110805	14	45
Arrow 2.6 Pickup						01.79-01.82	110805	14	45
Barracuda 2.8						01.66-01.66	110074	14	60
Barracuda 3.2						01.70-01.71	110236	14	60
Barracuda 3.7						01.65-01.69	110074	14	60
						01.70-01.72	110236	14	60
Barracuda 3.7 Gran						01.70-01.70	110236	14	60
Barracuda 4.5						01.64-01.67	110074	14	60
Barracuda 5.2						01.70-01.74	110236	14	60
						01.68-01.69	110074	14	60
Barracuda 5.2 Gran						01.70-01.71	110236	14	60
Barracuda 5.6						01.72-01.73	110236	14	60
						01.68-01.69	110074	14	60
Barracuda 5.9						01.74-01.74	110236	14	60
Barracuda 6.3						01.67-01.69	110074	14	60
						01.70-01.71	110236	14	60
Barracuda 6.3 Gran						01.70-01.71	110236	14	60
Belvedere 3.7						01.64-01.69	110074	14	60
						01.70-01.70	110236	14	60
Belvedere 3.7 Satellite						01.70-01.70	110236	14	60
						01.68-01.69	110074	14	60
Belvedere 4.5						01.64-01.68	110074	14	60
Belvedere 4.5 Satellite						01.68-01.68	110074	14	60
Belvedere 5.2						01.64-01.69	110074	14	60
						01.70-01.70	110236	14	60
Belvedere 5.2 Satellite						01.70-01.70	110236	14	60
						01.68-01.69	110074	14	60
Belvedere 5.9						01.64-01.65	110074	14	60
Belvedere 6.3						01.64-01.69	110074	14	60
						01.70-01.70	110236	14	60
Belvedere 6.3 Satellite						01.70-01.70	110236	14	60
						01.68-01.69	110074	14	60
Belvedere 7.0						01.64-01.67	110074	14	60
Belvedere 7.2						01.66-01.67	110074	14	60
Breeze 2.0	[ECB]					01.96-01.98	113067	14	90
						01.99-01.00	113067	14	90
Breeze 2.4	[EDZ]					01.98-01.98	113067	14	90
						01.99-01.00	113067	14	90
Caravelle 2.2						01.83-	110514	14	78
Caravelle 3.7						01.78-01.83	110236	14	60
Caravelle 3.7 SALON						01.80-01.81	110236	14	60
Caravelle 3.7 Sport						01.81-01.81	110236	14	60
Caravelle 5.2						01.78-01.87	110236	14	60
Caravelle 5.2 SALON						01.80-01.81	110236	14	60
Caravelle 5.2 Sport						01.81-01.81	110236	14	60
Caravelle 5.9						01.78-01.79	110236	14	60
Champ 1.4						01.79-01.82	110158	12	1.2
Champ 1.4 Custom						01.79-01.79	110158	12	1.2
Champ 1.6						01.80-01.81	110158	12	1.2
Champ 1.6 Custom						01.79-01.82	110158	12	1.2
Colt 1.4						01.83-01.83	110158	12	1.2
Colt 1.4 Deluxe						01.83-01.83	110158	12	1.2
Colt 1.4 DL						01.84-01.84	110158	12	1.2
Colt 1.4 E						01.84-01.84	110158	12	1.2
Colt 1.5						01.89-01.94	110659	14	75
						01.91-01.94	110958	12	0.9
Colt 1.5 100						01.90-01.90	110659	14	75
Colt 1.5 100 DL						01.89-01.91	110659	14	75
						01.91-01.91	110958	12	0.9
Colt 1.5 100 E						01.89-01.92	110659	14	75
						01.91-01.92	110958	12	0.9
Colt 1.5 100 LX						01.89-01.90	110659	14	75
Colt 1.5 200 DL						01.89-01.90	110659	14	75
Colt 1.5 200 E						01.89-01.92	110659	14	75
						01.92-01.92	110158	12	1.2
						01.92-01.92	110958	12	0.9
Colt 1.5 200 GT						01.91-01.92	110659	14	75
						01.91-01.92	110158	12	1.2
						01.91-01.92	110958	12	0.9
Colt 1.5 200 LX						01.89-01.89	110659	14	75
Colt 1.5 DL						01.88-01.90	110659	14	75
						01.85-01.85	110315	12	0.9
Colt 1.5 E						01.89-01.89	110659	14	75
						01.85-01.85	110315	12	0.9
Colt 1.5 GL						01.90-01.94	110659	14	75
						01.91-01.94	110958	12	0.9
Colt 1.5 GT						01.89-01.90	110659	14	75
Colt 1.5 Premier						01.85-01.88	110158	12	1.2
						01.85-01.85	110315	12	0.9
Colt 1.6						01.83-01.83	110158	12	1.2
Colt 1.6 200 LX						01.89-01.89	110802	14	75
Colt 1.6 Custom						01.83-01.83	110158	12	1.2
Colt 1.6 Deluxe						01.83-01.83	110158	12	1.2
Colt 1.6 DL						01.84-01.84	110158	12	1.2
Colt 1.6 E						01.84-01.84	110158	12	1.2
Colt 1.6 GT						01.90-01.90	110802	14	75
Colt 1.6 Turbo 100						01.90-01.90	110802	14	75

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





**PEUGEOT** *Continued*

Colt 1.6 Turbo 100 DL	01.89- 01.89	110802	14	75				
Colt 1.6 Turbo 100 LX	01.89- 01.90	110802	14	75				
Colt 1.6 Turbo DL					01.84- 01.88	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.6 Turbo GT	01.89- 01.89	110802	14	75	01.89- 01.89	110811	12	1.2
Colt 1.6 Turbo GTS					01.88-	110158	12	1.2
Colt 1.6 Turbo Premier					01.85- 01.88	110158	12	1.2
					01.85- 01.85	110315	12	0.9
Colt 1.8 DL					01.89- 01.90	110158	12	1.2
Colt 2.0 Vista	01.87- 01.91	112531	14	60	01.87- 01.91	110811	12	1.2
					01.84- 01.91	110158	12	1.2
Colt 2.0 Vista Custom					01.86- 01.86	110158	12	1.2
Colt 2.4	01.93- 01.94	111376	14	75	01.93- 01.94	110158	12	1.2
Colt 2.4 4x4	01.92- 01.92	110802	14	75	01.92- 01.92	110158	12	1.2
Colt 2.4 Vista	01.93- 01.94	111376	14	75	01.92- 01.94	110158	12	1.2
	01.92- 01.92	110802	14	75				
Colt 2.4 Vista SE	01.93- 01.94	111376	14	75	01.92- 01.94	110158	12	1.2
	01.92- 01.92	110802	14	75				
Colt 2.6	01.78-	110805	14	45				
Conquest 2.6 Turbo	01.84- 01.86	110318	14	50	01.84- 01.85	110158	12	1.2
Cricket 1.5	01.71- 01.73	110178	14	36	01.71- 01.73	111102	12	0.8
Cuda 5.2	01.72- 01.74	110236	14	60	01.72- 01.74	110223	12	1.1
Cuda 5.6	01.70- 01.73	110236	14	60	01.70- 01.73	110223	12	1.1
Cuda 5.9	01.74- 01.74	110236	14	60	01.74- 01.74	110223	12	1.1
Cuda 6.3	01.70- 01.71	110236	14	60	01.70- 01.71	110222	12	1.3
Cuda 7.0	01.70- 01.71	110236	14	60	01.70- 01.71	110222	12	1.3
Cuda 7.2	01.70- 01.71	110236	14	60	01.70- 01.71	110222	12	1.3
Duster 3.2	01.70- 01.74	110236	14	60	01.70- 01.74	110223	12	1.1
Duster 3.7	01.70- 01.76	110236	14	60	01.70- 01.76	110223	12	1.1
Duster 3.7 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110223	12	1.1
Duster 5.2	01.70- 01.76	110236	14	60	01.70- 01.76	110223	12	1.1
Duster 5.2 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110223	12	1.1
Duster 5.6 340	01.70- 01.73	110236	14	60	01.70- 01.73	110223	12	1.1
Duster 5.9	01.76- 01.76	110236	14	60	01.76- 01.76	110223	12	1.1
Duster 5.9 360	01.74- 01.75	110236	14	60	01.74- 01.75	110223	12	1.1
Expo 2.2	01.88-	113051#	14	120				
Fleet 3.7 Special					01.62- 01.63	110223	12	1.1
Fleet 5.9 Special					01.62- 01.63	110223	12	1.1
Fury 3.7	01.70- 01.78	110236	14	60	01.68- 01.78	110223	12	1.1
	01.68- 01.69	110074	14	60				
Fury 3.7 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110223	12	1.1
Fury 3.7 Custom Suburban	01.68- 01.68	110074	14	60	01.68- 01.68	110223	12	1.1
Fury 3.7 Salon	01.76- 01.78	110236	14	60	01.76- 01.78	110223	12	1.1
Fury 3.7 Sport	01.76- 01.78	110236	14	60	01.76- 01.78	110223	12	1.1
Fury 3.7 Suburban	01.70- 01.70	110236	14	60	01.68- 01.70	110223	12	1.1
	01.68- 01.68	110074	14	60				
Fury 4.5	01.64- 01.65	110074	14	60	01.64- 01.65	110223	12	1.1
Fury 5.2	01.70- 01.78	110236	14	60	01.67- 01.78	110223	12	1.1
	01.67- 01.69	110074	14	60				
Fury 5.2 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110223	12	1.1
Fury 5.2 Custom Suburban	01.70- 01.75	110236	14	60	01.68- 01.75	110223	12	1.1
	01.68- 01.68	110074	14	60				
Fury 5.2 Salon	01.76- 01.78	110236	14	60	01.76- 01.78	110223	12	1.1
Fury 5.2 Sport	01.70- 01.78	110236	14	60	01.68- 01.78	110223	12	1.1
	01.68- 01.69	110074	14	60				
Fury 5.2 Sport Suburban	01.70- 01.75	110236	14	60	01.68- 01.75	110223	12	1.1
	01.68- 01.68	110074	14	60				
Fury 5.2 Suburban	01.70- 01.75	110236	14	60	01.68- 01.75	110223	12	1.1
	01.68- 01.68	110074	14	60				
Fury 5.2 Vip	01.68- 01.69	110074	14	60	01.68- 01.69	110223	12	1.1
Fury 5.9	01.71- 01.78	110236	14	60	01.71- 01.78	110222	12	1.3
					01.62- 01.64	110223	12	1.1
Fury 5.9 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110222	12	1.3
Fury 5.9 Custom Suburban	01.71- 01.75	110236	14	60	01.71- 01.75	110222	12	1.3
Fury 5.9 Police	01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
Fury 5.9 Salon	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
Fury 5.9 Sport	01.71- 01.78	110236	14	60	01.71- 01.78	110222	12	1.3
Fury 5.9 Sport Suburban	01.71- 01.78	110236	14	60	01.71- 01.78	110222	12	1.3
Fury 5.9 Suburban	01.71- 01.78	110236	14	60	01.71- 01.78	110222	12	1.3
Fury 6.3	01.70- 01.71	110236	14	60	01.64- 01.71	110222	12	1.3
	01.64- 01.69	110074	14	60				
Fury 6.3 Custom Suburban	01.70- 01.71	110236	14	60	01.68- 01.71	110222	12	1.3
	01.68- 01.68	110074	14	60				
Fury 6.3 Sport	01.70- 01.71	110236	14	60	01.68- 01.71	110222	12	1.3
	01.68- 01.69	110074	14	60				
Fury 6.3 Sport Suburban	01.70- 01.71	110236	14	60	01.68- 01.71	110222	12	1.3
	01.68- 01.68	110074	14	60				
Fury 6.3 Suburban	01.70- 01.71	110236	14	60	01.68- 01.71	110222	12	1.3
	01.68- 01.68	110074	14	60				
Fury 6.3 Vip	01.68- 01.69	110074	14	60	01.68- 01.69	110222	12	1.3
Fury 6.6	01.72- 01.78	110236	14	60	01.72- 01.78	110222	12	1.3
Fury 6.6 Custom	01.75- 01.75	110236	14	60	01.75- 01.75	110222	12	1.3
Fury 6.6 Custom Suburban	01.72- 01.75	110236	14	60	01.72- 01.75	110222	12	1.3
Fury 6.6 Police	01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
Fury 6.6 Salon	01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
Fury 6.6 Sport	01.75- 01.78	110236	14	60	01.75- 01.78	110222	12	1.3
Fury 6.6 Sport Suburban	01.72- 01.78	110236	14	60	01.72- 01.78	110222	12	1.3
Fury 6.6 Suburban	01.72- 01.78	110236	14	60	01.72- 01.78	110222	12	1.3
Fury 7.0	01.64- 01.66	110074	14	60	01.64- 01.66	110222	12	1.3
Fury 7.2	01.70- 01.78	110236	14	60	01.67- 01.78	110222	12	1.3
	01.67- 01.69	110074	14	60				
Fury 7.2 Custom Suburban	01.70- 01.74	110236	14	60	01.68- 01.74	110222	12	1.3
	01.68- 01.68	110074	14	60				
Fury 7.2 Police	01.74- 01.74	110236	14	60	01.74- 01.74	110222	12	1.3
Fury 7.2 Salon	01.77- 01.78	110236	14	60	01.77- 01.78	110222	12	1.3

## STARTERS & ALTERNATORS



Fury 7.2 Sport	01.70-01.71	110236	14	60	01.68-01.71	110222	12	1.3
	01.68-01.69	110074	14	60				
Fury 7.2 Sport GT	01.71-01.71	110236	14	60	01.71-01.71	110222	12	1.3
Fury 7.2 Sport Suburban	01.70-01.74	110236	14	60	01.68-01.74	110222	12	1.3
	01.68-01.68	110074	14	60				
Fury 7.2 Suburban	01.70-01.73	110236	14	60	01.68-01.73	110222	12	1.3
	01.68-01.68	110074	14	60				
Fury 7.2 Vip	01.68-01.69	110074	14	60	01.68-01.69	110222	12	1.3
Gran Fury 3.7	01.80-01.83	110236	14	60	01.80-01.83	110223	12	1.1
Gran Fury 3.7 SALON	01.80-01.80	110236	14	60	01.80-01.80	110223	12	1.1
Gran Fury 5.2	01.72-01.87	110236	14	60	01.72-01.87	110223	12	1.1
Gran Fury 5.2 Custom	01.75-01.75	110236	14	60	01.75-01.75	110223	12	1.1
Gran Fury 5.2 SALON	01.80-01.80	110236	14	60	01.80-01.80	110223	12	1.1
Gran Fury 5.9	01.72-01.80	110236	14	60	01.72-01.80	110222	12	1.3
Gran Fury 5.9 Brougham	01.75-01.77	110236	14	60	01.75-01.77	110222	12	1.3
Gran Fury 5.9 Custom	01.75-01.76	110236	14	60	01.75-01.76	110222	12	1.3
Gran Fury 5.9 SALON	01.80-01.80	110236	14	60	01.80-01.80	110222	12	1.3
Gran Fury 6.6	01.72-01.77	110236	14	60	01.72-01.77	110222	12	1.3
Gran Fury 6.6 Brougham	01.75-01.77	110236	14	60	01.75-01.77	110222	12	1.3
Gran Fury 6.6 Custom	01.75-01.76	110236	14	60	01.75-01.76	110222	12	1.3
Gran Fury 6.6 Custom Suburban	01.75-01.76	110236	14	60	01.75-01.76	110222	12	1.3
Gran Fury 6.6 Sport Suburban	01.75-01.77	110236	14	60	01.75-01.77	110222	12	1.3
Gran Fury 6.6 Suburban	01.75-01.77	110236	14	60	01.75-01.77	110222	12	1.3
Gran Fury 7.2	01.72-01.77	110236	14	60	01.72-01.77	110222	12	1.3
Gran Fury 7.2 Brougham	01.75-01.77	110236	14	60	01.75-01.77	110222	12	1.3
Gran Fury 7.2 Custom	01.75-01.76	110236	14	60	01.75-01.76	110222	12	1.3
Gran Fury 7.2 Custom Suburban	01.75-01.76	110236	14	60	01.75-01.76	110222	12	1.3
Gran Fury 7.2 Sport Suburban	01.75-01.77	110236	14	60	01.75-01.77	110222	12	1.3
Gran Fury 7.2 Suburban	01.76-01.77	110236	14	60	01.76-01.77	110222	12	1.3
Grand Voyager 3.3 [EGA]					01.98-01.98	111492	12	1.4
					01.97-01.99	111492	12	1.4
Grand Voyager 3.3 SE					01.90-01.97	111492	12	1.4
Grand Voyager 3.3 [EGM]					01.98-01.99	111492	12	1.4
Grand Voyager 3.8					01.99-01.99	111492	12	1.4
GTX 4.5	01.67-01.67	110074	14	60	01.67-01.67	110223	12	1.1
GTX 5.2	01.67-01.67	110074	14	60	01.67-01.67	110223	12	1.1
GTX 6.3	01.67-	110074	14	60				
GTX 7.0	01.67-01.67	110074	14	60	01.67-01.67	110223	12	1.1
GTX 7.2	01.67-01.67	110074	14	60	01.67-01.67	110223	12	1.1
Horizon 1.7	01.83-01.83	110514	14	78				
Horizon 1.7 Custom	01.83-01.83	110514	14	78				
Horizon 1.7 E-Type	01.82-01.82	110514	14	78				
Horizon 1.7 Miser	01.81-01.82	110514	14	78				
Horizon 1.7 TC3	01.80-01.82	110514	14	78				
Horizon 1.7 TC3 Miser	01.81-01.82	110514	14	78				
Horizon 1.7 TC3 Turismo	01.83-01.83	110514	14	78				
Horizon 2.2	01.81-01.85	110514	14	78				
Horizon 2.2 Custom	01.83-01.83	110514	14	78				
Horizon 2.2 E-Type	01.82-01.82	110514	14	78				
Horizon 2.2 Miser	01.81-01.82	110514	14	78				
Horizon 2.2 TC3	01.81-01.82	110514	14	78				
Horizon 2.2 TC3 Miser	01.81-01.82	110514	14	78				
Horizon 2.2 TC3 Turismo	01.82-01.83	110514	14	78				
Horizon 2.2 Turismo	01.83-01.85	110514	14	78				
Laser 1.8					01.90-01.94	110158	12	1.2
					01.93-01.94	110958	12	0.9
Laser 1.8 RS					01.90-01.90	110158	12	1.2
Laser 2.0 RS	01.90-01.94	110802	14	75	01.90-01.94	110811	12	1.2
	01.90-01.94	110804	14	90				
Laser 2.0 Turbo RS	01.90-01.94	110802	14	75	01.90-01.94	110811	12	1.2
	01.90-01.94	110804	14	90				
Neon 2.0 [ECB]	01.96-01.97	111530#	14	90				
[ECC]	01.96-01.97	111530#	14	90				
	01.95-01.95	111530#	14	90	01.00-01.01	113613	12	1.1
Neon 2.0 Highline [ECB]	01.96-01.97	111530#	14	90				
[ECC]	01.96-01.97	111530#	14	90				
	01.95-01.95	111530#	14	90				
Neon 2.0 Sport [ECB]	01.96-01.96	111530#	14	90				
[ECC]	01.96-01.96	111530#	14	90				
	01.95-01.95	111530#	14	90				
Prowler 3.5					01.00-01.01	113242	12	1.4
Reliant 2.2	01.81-01.85	110514	14	78				
Reliant 2.2 Custom	01.81-01.84	110514	14	78				
Reliant 2.2 SE	01.81-01.85	110514	14	78				
Roadrunner 4.5	01.68-01.68	110074	14	60	01.68-01.68	110223	12	1.1
Roadrunner 5.2	01.68-01.68	110074	14	60	01.68-01.75	110223	12	1.1
	01.72-01.75	110236	14	60				
Roadrunner 5.6	01.71-01.73	110236	14	60	01.71-01.73	110223	12	1.1
Roadrunner 5.9	01.74-01.75	110236	14	60	01.74-01.75	110222	12	1.3
Roadrunner 6.3	01.68-01.69	110074	14	60	01.68-01.71	110222	12	1.3
	01.70-01.71	110236	14	60				
Roadrunner 6.6	01.72-01.75	110236	14	60	01.72-01.75	110222	12	1.3
Roadrunner 7.0	01.70-01.71	110236	14	60	01.68-01.71	110222	12	1.3
	01.68-01.69	110074	14	60				
Roadrunner 7.2	01.70-01.74	110236	14	60	01.69-01.74	110222	12	1.3
	01.69-01.69	110074	14	60				
Sapporo 1.6					01.78-01.79	110158	12	1.2
					01.78-01.79	110157	12	1.0
Sapporo 2.6	01.81-01.83	110805	14	45	01.78-01.83	110158	12	1.2
Satellite 3.7	01.71-01.74	110236	14	60	01.71-01.74	110223	12	1.1
	01.66-01.67	110074	14	60				
Satellite 3.7 Custom	01.71-01.74	110236	14	60	01.71-01.74	110223	12	1.1
Satellite 3.7 Sebring	01.71-01.74	110236	14	60	01.71-01.74	110223	12	1.1
Satellite 4.5	01.65-01.68	110074	14	60	01.68-01.68	110223	12	1.1
Satellite 5.2	01.65-01.69	110074	14	60	01.65-01.74	110223	12	1.1
	01.71-01.74	110236	14	60				

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

**PEUGEOT** *Continued*

Satellite 5.2 Brougham	01.71-01.71	110236	14	60	01.71-01.71	110223	12	1.1
Satellite 5.2 Custom	01.71-01.74	110236	14	60	01.71-01.74	110223	12	1.1
Satellite 5.2 Regent	01.71-01.74	110236	14	60	01.71-01.74	110223	12	1.1
Satellite 5.2 Sebring	01.71-01.74	110236	14	60	01.71-01.74	110223	12	1.1
Satellite 5.2 Sebring Plus	01.71-01.74	110236	14	60	01.71-01.74	110223	12	1.1
Satellite 5.6 Custom	01.72-01.72	110236	14	60	01.72-01.72	110223	12	1.1
Satellite 5.6 Sebring	01.72-01.72	110236	14	60	01.72-01.72	110223	12	1.1
Satellite 5.9	01.74-01.74	110236	14	60	01.74-01.74	110223	12	1.1
Satellite 5.9 Custom	01.74-01.74	110236	14	60	01.74-01.74	110223	12	1.1
Satellite 5.9 Regent	01.74-01.74	110236	14	60	01.74-01.74	110223	12	1.1
Satellite 5.9 Sebring	01.74-01.74	110236	14	60	01.74-01.74	110223	12	1.1
Satellite 5.9 Sebring Plus	01.74-01.74	110236	14	60	01.74-01.74	110223	12	1.1
Satellite 6.3	01.65-01.69	110074	14	60	01.66-01.71	110222	12	1.3
	01.71-01.71	110236	14	60				
Satellite 6.3 Brougham	01.71-01.71	110236	14	60	01.71-01.71	110222	12	1.3
Satellite 6.3 Custom	01.71-01.71	110236	14	60	01.71-01.71	110222	12	1.3
Satellite 6.3 Regent	01.71-01.71	110236	14	60	01.71-01.71	110222	12	1.3
Satellite 6.3 Sebring	01.71-01.71	110236	14	60	01.71-01.71	110222	12	1.3
Satellite 6.3 Sebring Plus	01.71-01.71	110236	14	60	01.71-01.71	110222	12	1.3
Satellite 6.3 Sport	01.70-01.70	110236	14	60	01.70-01.70	110222	12	1.3
Satellite 6.6	01.72-01.74	110236	14	60	01.72-01.74	110222	12	1.3
Satellite 6.6 Custom	01.72-01.74	110236	14	60	01.72-01.74	110222	12	1.3
Satellite 6.6 Regent	01.72-01.74	110236	14	60	01.72-01.74	110222	12	1.3
Satellite 6.6 Sebring	01.72-01.74	110236	14	60	01.72-01.74	110222	12	1.3
Satellite 6.6 Sebring Plus	01.72-01.74	110236	14	60	01.72-01.74	110222	12	1.3
Satellite 7.0	01.65-01.67	110074	14	60	01.65-01.67	110222	12	1.3
Satellite 7.2	01.66-01.67	110074	14	60	01.66-01.74	110222	12	1.3
	01.74-01.74	110236	14	60				
Savoy 3.7	01.62-01.64	110074	14	60	01.62-01.64	110223	12	1.1
Savoy 4.5	01.64-01.64	110074	14	60	01.64-01.64	110223	12	1.1
Savoy 5.2	01.64-01.64	110074	14	60	01.64-01.64	110223	12	1.1
Savoy 5.9					01.62-01.64	110223	12	1.1
Savoy 6.3	01.64-	110074	14	60				
Savoy 7.0	01.64-01.64	110074	14	60	01.64-01.64	110222	12	1.3
Scamp 2.2	01.83-01.83	110514	14	78				
Scamp 3.2	01.71-01.74	110236	14	60	01.71-01.74	110223	12	1.1
Scamp 3.7	01.71-01.76	110236	14	60	01.71-01.76	110223	12	1.1
Scamp 3.7 Special	01.76-	110236	14	60	01.76-	110223	12	1.1
Scamp 5.2	01.71-01.76	110236	14	60	01.71-01.76	110223	12	1.1
Scamp 5.2 Special	01.76-01.76	110236	14	60	01.76-01.76	110223	12	1.1
Sundance 2.2	01.90-01.94	111193	14	90				
Sundance 2.2 America	01.91-01.92	111193	14	90				
Sundance 2.5	01.92-01.94	111193	14	90				
Sundance 2.5 America	01.92-01.92	111193	14	90				
Sundance 2.5 Duster	01.92-01.94	111193	14	90				
Sundance 2.5 RS	01.91-01.91	111193	14	90				
Sundance 2.5 Turbo	01.89-01.90	113051#	14	120				
Sundance 2.5 Turbo RS	01.91-01.91	111193	14	90				
Superbird 7.2	01.70-	110236	14	60				
Trailduster 3.7	01.75-01.80	110236	14	60	01.75-01.80	110223	12	1.1
Trailduster 5.2	01.74-01.81	110236	14	60	01.74-01.81	110223	12	1.1
Trailduster 5.9	01.74-01.81	110236	14	60	01.74-01.81	110222	12	1.3
Trailduster 6.6	01.76-01.78	110236	14	60	01.76-01.78	110222	12	1.3
Trailduster 7.2	01.74-01.78	110236	14	60	01.74-01.78	110222	12	1.3
Valiant 2.8	01.62-01.67	110074	14	60	01.62-01.67	110223	12	1.1
Valiant 2.8 100	01.68-01.69	110074	14	60	01.68-01.69	110223	12	1.1
Valiant 2.8 Signet	01.68-01.69	110074	14	60	01.68-01.69	110223	12	1.1
Valiant 3.2	01.70-01.74	110236	14	60	01.70-01.74	110223	12	1.1
Valiant 3.7	01.70-01.76	110236	14	60	01.65-01.76	110223	12	1.1
	01.65-01.67	110074	14	60				
Valiant 3.7 100	01.68-01.69	110074	14	60	01.68-01.69	110223	12	1.1
Valiant 3.7 Brougham	01.74-01.75	110236	14	60	01.74-01.75	110223	12	1.1
Valiant 3.7 Custom	01.75-01.75	110236	14	60	01.75-01.75	110223	12	1.1
Valiant 3.7 Signet	01.68-01.69	110074	14	60	01.68-01.69	110223	12	1.1
Valiant 4.5	01.64-01.67	110074	14	60	01.64-01.67	110223	12	1.1
Valiant 4.5 100	01.68-01.69	110074	14	60	01.68-01.69	110223	12	1.1
Valiant 4.5 Signet	01.68-01.69	110074	14	60	01.68-01.69	110223	12	1.1
Valiant 5.2	01.70-01.76	110236	14	60	01.70-01.76	110223	12	1.1
Valiant 5.2 100	01.68-01.69	110074	14	60	01.68-01.69	110223	12	1.1
Valiant 5.2 Brougham	01.74-01.75	110236	14	60	01.74-01.75	110223	12	1.1
Valiant 5.2 Custom	01.75-01.75	110236	14	60	01.75-01.75	110223	12	1.1
Valiant 5.2 Signet	01.68-01.69	110074	14	60	01.68-01.69	110223	12	1.1
Valiant 5.9	01.76-01.76	110236	14	60	01.76-01.76	110223	12	1.1
VIP 5.2	01.67-01.67	110074	14	60	01.67-01.67	110223	12	1.1
VIP 6.3	01.67-01.67	110074	14	60	01.67-01.67	110222	12	1.3
VIP 7.2	01.67-01.67	110074	14	60	01.67-01.67	110222	12	1.3
Volare 3.7	01.76-01.80	110236	14	60	01.76-01.80	110223	12	1.1
Volare 3.7 Custom	01.76-01.77	110236	14	60	01.76-01.77	110223	12	1.1
Volare 3.7 Premier	01.76-01.77	110236	14	60	01.76-01.77	110223	12	1.1
Volare 5.2	01.76-01.80	110236	14	60	01.76-01.80	110223	12	1.1
Volare 5.2 Custom	01.76-01.77	110236	14	60	01.76-01.77	110223	12	1.1
Volare 5.2 Premier	01.76-01.77	110236	14	60	01.76-01.77	110223	12	1.1
Volare 5.9	01.76-01.80	110236	14	60	01.76-01.80	110222	12	1.3
Volare 5.9 Custom	01.76-01.77	110236	14	60	01.76-01.77	110222	12	1.3
Volare 5.9 Premier	01.76-01.77	110236	14	60	01.76-01.77	110222	12	1.3
Voyager 3.3					01.98-01.99	111492	12	1.4
Voyager 3.3 LX					01.94-01.94	111492	12	1.4
Voyager 3.3 SE					01.94-01.94	111492	12	1.4
Voyager 3.3	[EGM]				01.98-01.99	111492	12	1.4
Voyager 3.7 PB100	01.74-01.80	110236	14	60	01.74-01.80	110223	12	1.1
Voyager 3.7 PB150	01.81-01.83	110236	14	60	01.81-01.83	110223	12	1.1
Voyager 3.7 PB200	01.74-01.80	110236	14	60	01.74-01.80	110223	12	1.1
Voyager 3.7 PB200 EX	01.76-01.77	110236	14	60	01.76-01.77	110223	12	1.1
Voyager 3.7 PB250	01.81-01.83	110236	14	60	01.81-01.83	110223	12	1.1

## STARTERS & ALTERNATORS



Voyager 3.8	[EGH]					01.98- 01.98	111492	12	1.4
						01.98- 01.98	114135	12	1.2
						01.99- 01.99	114135	12	1.2
						01.99- 01.99	111492	12	1.4
Voyager 5.2 PB100		01.74- 01.80	110236	14	60	01.74- 01.80	110223	12	1.1
Voyager 5.2 PB150		01.81- 01.83	110236	14	60	01.81- 01.83	110223	12	1.1
Voyager 5.2 PB200		01.74- 01.80	110236	14	60	01.74- 01.80	110223	12	1.1
Voyager 5.2 PB200 EX		01.74- 01.77	110236	14	60	01.74- 01.77	110223	12	1.1
Voyager 5.2 PB200 MX		01.78- 01.80	110236	14	60	01.78- 01.80	110223	12	1.1
Voyager 5.2 PB250		01.81- 01.83	110236	14	60	01.81- 01.83	110223	12	1.1
Voyager 5.2 PB300		01.74- 01.80	110236	14	60	01.74- 01.80	110223	12	1.1
Voyager 5.2 PB300 EX		01.74- 01.77	110236	14	60	01.74- 01.77	110223	12	1.1
Voyager 5.2 PB300 MX		01.78- 01.80	110236	14	60	01.78- 01.80	110223	12	1.1
Voyager 5.2 PB350		01.81- 01.83	110236	14	60	01.81- 01.83	110223	12	1.1
Voyager 5.9 PB100		01.74- 01.78	110236	14	60	01.74- 01.78	110222	12	1.3
Voyager 5.9 PB200		01.74- 01.80	110236	14	60	01.74- 01.80	110222	12	1.3
Voyager 5.9 PB200 EX		01.74- 01.77	110236	14	60	01.74- 01.77	110222	12	1.3
Voyager 5.9 PB200 MX		01.78- 01.80	110236	14	60	01.78- 01.80	110222	12	1.3
Voyager 5.9 PB250		01.81- 01.81	110236	14	60	01.81- 01.81	110222	12	1.3
Voyager 5.9 PB300		01.74- 01.79	110236	14	60	01.74- 01.79	110222	12	1.3
Voyager 5.9 PB300 EX		01.74- 01.77	110236	14	60	01.74- 01.77	110222	12	1.3
Voyager 5.9 PB300 MX		01.78- 01.80	110236	14	60	01.78- 01.80	110222	12	1.3
Voyager 5.9 PB350		01.81- 01.83	110236	14	60	01.81- 01.83	110222	12	1.3
Voyager 6.6 PB200		01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
Voyager 6.6 PB200 EX		01.76- 01.77	110236	14	60	01.76- 01.77	110222	12	1.3
Voyager 6.6 PB200 MX		01.78- 01.78	110236	14	60	01.78- 01.78	110222	12	1.3
Voyager 6.6 PB300		01.77- 01.78	110236	14	60	01.77- 01.78	110222	12	1.3
Voyager 6.6 PB300 EX		01.76- 01.77	110236	14	60	01.76- 01.77	110222	12	1.3
Voyager 6.6 PB300 MX		01.78- 01.78	110236	14	60	01.78- 01.78	110222	12	1.3
Voyager 7.2 PB200		01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
Voyager 7.2 PB200 MX		01.77- 01.78	110236	14	60	01.77- 01.78	110222	12	1.3
Voyager 7.2 PB300		01.76- 01.78	110236	14	60	01.76- 01.78	110222	12	1.3
Voyager 7.2 PB300 EX		01.76- 01.77	110236	14	60	01.76- 01.77	110222	12	1.3
Voyager 7.2 PB300 MX		01.78- 01.78	110236	14	60	01.78- 01.78	110222	12	1.3
Voyger 2.2		01.84- 01.87	110514	14	78				
Voyger 2.2 LE		01.84- 01.87	110514	14	78				
Voyger 2.2 SE		01.84- 01.87	110514	14	78				
Voyger 2.5		01.92- 01.95	111193	14	90				
Voyger 2.5 LE		01.90- 01.91	111193	14	90				
Voyger 2.5 SE		01.90- 01.93	111193	14	90				
Voyger 2.5 Turbo		01.89- 01.90	113051#	14	120				
Voyger 2.5 Turbo LE		01.89- 01.90	113051#	14	120				
Voyger 2.5 Turbo SE		01.89- 01.90	113051#	14	120				
Voyger 3.3 LE						01.91- 01.95	111492	12	1.4
Voyger 3.3 SE						01.91- 01.97	111492	12	1.4
<b>Poclair</b>									
<b>MISCELLANEOUS</b>									
Various models 8.5	[F6L413]					01.73-	114437	24	5.4
<b>Polaris</b>									
<b>MOTOR BIKES</b>									
Various models							115450	12	1.4
<b>MARINE</b>									
Various models						01.92-	112010	12	
						01.89- 01.06	113527	12	0.6
						01.96- 01.07	113528	12	
<b>Pontiac</b>									
<b>PASSENGER CARS EU</b>									
Bonneville 3.8 V6	[L36]		111220	14	105				
Grand Lemans						01.89- 12.01	112911	12	1.6
						01.98- 12.99	112900	12	1.4
Trans Sport 3.1	[LG6]	07.89- 03.97	111388	14	100/105				
Trans Sport 3.8	[L27]	07.89- 03.97	112884	14	140				
<b>PASSENGER CARS US</b>									
6000 2.5		01.87- 01.88	110499	14	100/105	01.87- 01.88	110221	12	1.2
		01.87- 01.88	112448	14	100	01.84- 12.84	112911	12	1.6
		01.83- 01.86	110471	14	94				
		01.82- 01.86	110505	14	75				
		01.83- 01.86	110508	14	78				
		01.82- 01.82	110235	14	80				
6000 2.5 LE		01.87- 01.91	110499	14	100/105	01.87- 01.91	110221	12	1.2
		01.87- 01.91	112448	14	100				
		01.82- 01.86	110505	14	75				
		01.83- 01.86	110471	14	94				
		01.83- 01.86	110508	14	78				
		01.82- 01.82	110235	14	80				
6000 2.8		01.83- 01.88	110471	14	94	01.83- 01.88	112911	12	1.6
		01.83- 01.88	110508	14	78				
		01.85- 01.88	110492	14	108				
		01.82- 01.84	110505	14	75				
		01.82- 01.82	110235	14	80				
6000 2.8 LE		01.83- 01.89	110471	14	94	01.83- 01.89	112911	12	1.6
		01.83- 01.89	110508	14	78				
		01.85- 01.89	110492	14	108				
		01.82- 01.84	110505	14	75				
		01.82- 01.82	110235	14	80				
6000 2.8 SE		01.86- 01.89	110508	14	78	01.86- 01.89	112911	12	1.6
		01.86- 01.89	110471	14	94				
		01.86- 01.89	110492	14	108				
6000 2.8 STE		01.83- 01.88	111388	14	100/105	01.83- 01.88	112911	12	1.6
		01.85- 01.88	110508	14	78				
		01.85- 01.88	110471	14	94				
		01.83- 01.88	110492	14	108				
6000 3.1 LE		01.90- 01.91	111388	14	100/105	01.90- 01.91	112911	12	1.6
6000 3.1 SE		01.90- 01.91	111388	14	100/105	01.90- 01.91	112911	12	1.6
6000 3.1 STE		01.88- 01.89	111388	14	100/105	01.88- 01.89	112911	12	1.6
						01.76- 08.85	110997	12	0.8

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





Application list

**PONTIAC** Continued

6000 4.3	01.84- 01.85	110508	14	78			
	01.82- 01.85	110233	14	63			
	01.84- 01.85	110471	14	94			
	01.82- 01.85	110505	14	75			
	01.82- 01.83	110235	14	80			
6000 4.3 LE	01.82- 01.85	110233	14	63			
	01.84- 01.85	110508	14	78			
	01.84- 01.85	110471	14	94			
	01.82- 01.85	110505	14	75			
	01.82- 01.83	110235	14	80			
Acadian 1.6	01.76-	110492	14	108			
Acadian 1.6 S	01.80-	110492	14	108			
Astre 2.3	01.75- 01.77	110233	14	63			
	01.75- 01.77	110505	14	75			
	01.75- 01.77	110492	14	108			
Astre 2.3 S	01.75- 01.75	110233	14	63			
	01.75- 01.75	110505	14	75			
	01.75- 01.75	110492	14	108			
Astre 2.3 S Safari	01.75- 01.75	110233	14	63			
	01.75- 01.75	110492	14	108			
	01.75- 01.75	110505	14	75			
Astre 2.3 Safari	01.75- 01.77	110233	14	63			
	01.75- 01.77	110505	14	75			
	01.75- 01.77	110492	14	108			
Astre 2.3 SJ	01.75- 01.75	110505	14	75			
	01.75- 01.75	110492	14	108			
	01.75- 01.75	110233	14	63			
Astre 2.3 SJ Safari	01.75- 01.75	110233	14	63			
	01.75- 01.75	110505	14	75			
	01.75- 01.75	110492	14	108			
Astre 2.5	01.77- 01.77	110505	14	75			
Astre 2.5 Safari	01.77- 01.77	110505	14	75			
Bonneville 3.8	01.83- 01.86	110508	14	78	01.87- 01.87	110221	12 1.2
	01.80- 01.86	110235	14	80			
	01.83- 01.86	110471	14	94			
	01.80- 01.86	110505	14	75			
Bonneville 3.8 Brougham	01.83- 01.83	110471	14	94			
	01.81- 01.86	110505	14	75			
	01.81- 01.86	110235	14	80			
	01.83- 01.83	110508	14	78			
Bonneville 3.8 LE	01.88- 01.91	111220	14	105	01.87- 01.91	110221	12 1.2
	01.88- 01.91	112636	14	100/105			
	01.84- 01.86	110471	14	94			
	01.84- 01.86	110235	14	80			
	01.84- 01.86	110505	14	75			
Bonneville 3.8 SE	01.88- 01.94	111220	14	105	01.96- 01.98	112898	12 1.6
	01.88- 01.94	112636	14	100/105	01.88- 01.95	110221	12 1.2
	01.88- 01.94	112639	14	100/105			
Bonneville 3.8 SSE	01.88- 01.91	111220	14	105	01.88- 01.91	110221	12 1.2
	01.88- 01.91	112636	14	100/105			
Bonneville 3.8 Super				01.99- 01.03	112898	12 1.6	
Bonneville 3.8 Super SSE	01.92- 01.94	111220	14	105	01.92- 01.98	112898	12 1.6
	01.92- 01.94	112636	14	100/105	01.94- 01.94	110221	12 1.2
Bonneville 3.8 Super SSEI	01.92- 01.93	111220	14	105	01.92- 01.93	112898	12 1.6
	01.92- 01.93	112636	14	100/105			
Bonneville 4.1	01.82- 01.82	110505	14	75			
	01.82- 01.82	110235	14	80			
Bonneville 4.1 Brougham	01.82- 01.82	110505	14	75			
	01.82- 01.82	110235	14	80			
Bonneville 4.3	01.86- 01.86	110471	14	94			
	01.86- 01.86	110492	14	108			
	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Bonneville 4.3 Brougham	01.86- 01.86	110471	14	94			
	01.86- 01.86	110492	14	108			
	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Bonneville 4.3 LE	01.86- 01.86	110471	14	94			
	01.86- 01.86	110492	14	108			
Bonneville 4.9	01.77- 01.80	110505	14	75			
Bonneville 4.9 Brougham	01.77- 01.80	110505	14	75			
Bonneville 4.9 Safari	01.79- 01.80	110505	14	75			
Bonneville 5.0	01.81- 01.86	110505	14	75	01.83- 01.84	110414	12
	01.83- 01.86	110471	14	94			
	01.81- 01.81	110235	14	80			
Bonneville 5.0 Brougham	01.81- 01.86	110505	14	75	01.83- 01.84	110414	12
	01.83- 01.86	110471	14	94			
	01.81- 01.81	110235	14	80			
Bonneville 5.0 LE	01.84- 01.86	110505	14	75			
	01.84- 01.86	110471	14	94			
Bonneville 5.0 Safari	01.81- 01.81	110505	14	75			
	01.81- 01.81	110235	14	80			
Bonneville 5.7	01.80- 01.80	110235	14	80	01.77- 01.80	110218	12
	01.77- 01.80	110505	14	75			
	01.78- 01.79	110233	14	63			
	01.70- 01.70	110075	14	60			
Bonneville 5.7 Brougham	01.77- 01.80	110505	14	75	01.77- 01.80	110218	12
	01.80- 01.80	110235	14	80			
	01.78- 01.80	110233	14	63			
Bonneville 5.7 Safari	01.79- 01.80	110233	14	63	01.79- 01.80	110218	12
	01.79- 01.80	110505	14	75			
Bonneville 5.7	01.84- 01.84	110471	14	94			
	01.84- 01.84	110508	14	78			
	01.80- 01.83	110505	14	75			
	01.80- 01.83	110235	14	80			



Bonneville 5.7 Brougham	01.84- 01.84	110471	14	94				
	01.84- 01.84	110508	14	78				
	01.80- 01.83	110235	14	80				
	01.80- 01.83	110505	14	75				
Bonneville 5.7 LE	01.84- 01.84	110471	14	94				
	01.84- 01.84	110508	14	78				
Bonneville 5.7 Safari	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Bonneville 6.4	01.63- 01.66	110075	14	60	01.60- 01.62	110216	12	1.4
Bonneville 6.6	01.73- 01.79	110505	14	75	01.68- 01.79	110218	12	
	01.68- 01.71	110075	14	60				
Bonneville 6.6 Brougham	01.76- 01.79	110505	14	75	01.76- 01.79	110218	12	
Bonneville 6.6 Safari	01.79- 01.79	110505	14	75	01.79- 01.79	110218	12	
Bonneville 6.9	01.63- 01.65	110075	14	60	01.63- 01.65	110218	12	
Bonneville 7.0	01.67- 01.69	110075	14	60	01.67- 01.69	110218	12	
Bonneville 7.5	01.72- 01.76	110505	14	75	01.70- 01.76	110218	12	
	01.70- 01.71	110075	14	60				
Bonneville 7.5 Brougham	01.76- 01.76	110505	14	75	01.76- 01.76	110218	12	
Catalina 3.8	01.77- 01.81	110505	14	75				
	01.80-	110235	14	80				
Catalina 4.1	01.77-	110505	14	75				
Catalina 4.3	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Catalina 4.4	01.80-	110505	14	75				
	01.80-	110235	14	80				
Catalina 4.4 Safari	01.80-	110505	14	75				
	01.80-	110235	14	80				
Catalina 4.9	01.77- 01.80	110505	14	75				
Catalina 4.9 Safari	01.77- 01.80	110505	14	75				
Catalina 5.0	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Catalina 5.0 Safari	01.80- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Catalina 5.7	01.72- 01.80	110505	14	75	01.77- 01.80	110218	12	
	01.80- 01.80	110235	14	80				
	01.78- 01.79	110233	14	63				
	01.70- 01.71	110075	14	60				
Catalina 5.7 Safari	01.80- 01.80	110235	14	80	01.80- 01.80	110218	12	
	01.72- 01.80	110505	14	75				
	01.78- 01.80	110233	14	63				
Catalina 5.7 Ventura	01.70- 01.70	110075	14	60				
Catalina 5.7	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
Catalina 5.7 Safari	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
Catalina 6.4	01.63- 01.66	110075	14	60	01.59- 01.62	110216	12	1.4
Catalina 6.6	01.72- 01.78	110505	14	75	01.68- 01.78	110218	12	
	01.68- 01.71	110075	14	60				
Catalina 6.6 Brougham	01.71- 01.72	110505	14	75	01.71- 01.72	110218	12	
Catalina 6.6 Safari	01.71- 01.79	110505	14	75	01.71- 01.79	110218	12	
Catalina 6.6 Ventura	01.68- 01.70	110075	14	60	01.68- 01.70	110218	12	
Catalina 6.9	01.63- 01.66	110075	14	60	01.63- 01.66	110218	12	
Catalina 7.0	01.67- 01.69	110075	14	60	01.67- 01.69	110218	12	
Catalina 7.0 Ventura	01.68- 01.69	110075	14	60	01.68- 01.69	110218	12	
Catalina 7.5	01.72- 01.76	110505	14	75	01.70- 01.76	110218	12	
	01.70- 01.70	110075	14	60				
Catalina 7.5 Brougham	01.72- 01.72	110505	14	75	01.72- 01.72	110218	12	
Catalina 7.5 Safari	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12	
Catalina 7.5 Ventura	01.70- 01.70	110075	14	60	01.70- 01.70	110218	12	
Executive 5.7	01.70- 01.70	110075	14	60				
Executive 5.7 Safari	01.70- 01.70	110075	14	60				
Executive 6.6	01.67- 01.70	110075	14	60	01.67- 01.70	110218	12	
Executive 6.6 Safari	01.68- 01.70	110075	14	60	01.68- 01.70	110218	12	
Executive 7.0	01.67- 01.69	110075	14	60	01.67- 01.69	110218	12	
Executive 7.0 Safari	01.68- 01.69	110075	14	60	01.68- 01.69	110218	12	
Executive 7.5	01.70- 01.70	110075	14	60	01.70- 01.70	110218	12	
Executive 7.5 Safari	01.70- 01.70	110075	14	60	01.70- 01.70	110218	12	
Fiero 2.5	01.84- 01.88	110505	14	75	01.84- 01.88	112911	12	1.6
	01.84- 01.88	110471	14	94				
Fiero 2.5 SE	01.84- 01.87	110471	14	94	01.84- 01.87	112911	12	1.6
	01.84- 01.87	110505	14	75				
Fiero 2.5 Sport	01.84- 01.87	110505	14	75	01.84- 01.87	112911	12	1.6
	01.84- 01.87	110471	14	94				
Fiero 2.8	01.88- 01.88	110502	14	100/105	01.88- 01.88	112911	12	1.6
Fiero 2.8 GT	01.85- 01.88	110233	14	63	01.85- 01.88	112911	12	1.6
	01.85- 01.88	110471	14	94				
	01.85- 01.88	110505	14	75				
Fiero 2.8 SE	01.85- 01.87	110471	14	94	01.85- 01.87	112911	12	1.6
	01.85- 01.87	110233	14	63				
	01.85- 01.87	110505	14	75				
Fiero 2.8 Sport	01.85- 01.85	110233	14	63	01.85- 01.85	112911	12	1.6
	01.85- 01.85	110471	14	94				
	01.85- 01.85	110505	14	75				
Firebird 2.5	01.83-	110471	14	94	01.86- 01.86	110221	12	1.2
	01.82- 01.85	110505	14	75				
	01.82- 01.85	110235	14	80				
Firebird 2.5 S/E	01.82- 01.84	110235	14	80				
	01.82- 01.84	110505	14	75				
Firebird 2.8	01.85- 01.89	110508	14	78	01.85- 01.89	111034	12	1.2
	01.85- 01.89	110492	14	108				
	01.85- 01.89	110471	14	94				
	01.87- 01.89	110499	14	100/105				
	01.82- 01.84	110505	14	75				
	01.82- 01.84	110235	14	80				

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

**PONTIAC** Continued

Firebird 2.8 S/E	01.85- 01.86	110471	14	94	01.85- 01.86	111034	12	1.2
	01.85- 01.86	110492	14	108				
	01.83- 01.86	110508	14	78				
	01.82- 01.84	110505	14	75				
	01.82- 01.82	110235	14	80				
Firebird 3.1	01.90- 01.92	110499	14	100/105	01.90- 01.92	111034	12	1.2
Firebird 3.4	01.93- 01.95	111854	14	105	01.93- 01.95	111034	12	1.2
Firebird 3.8	01.67- 01.67	110075	14	60	01.95- 01.97	112898	12	1.6
	01.95- 01.97	112615	14	105				
	01.77- 01.81	110505	14	75				
Firebird 3.8 Esprit	01.77- 01.81	110505	14	75				
Firebird 3.8 Formula	01.81- 01.81	110505	14	75				
	01.81- 01.81	110235	14	80				
Firebird 4.1	01.70- 01.76	110505	14	75				
	01.68- 01.69	110075	14	60				
Firebird 4.1 Esprit	01.75- 01.76	110505	14	75	01.75- 01.76	110216	12	1.4
Firebird 4.3	01.80- 01.81	110233	14	63				
	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
	01.80- 01.80	110492	14	108				
Firebird 4.3 Esprit	01.80- 01.81	110233	14	63				
	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
	01.80- 01.80	110492	14	108				
Firebird 4.3 Formula	01.81- 01.81	110235	14	80				
	01.81- 01.81	110233	14	63				
	01.81- 01.81	110505	14	75				
Firebird 4.4	01.81-	110505	14	75	01.80- 01.81	110414	12	
	01.81-	110235	14	80				
Firebird 4.4 Esprit	01.81-	110505	14	75				
	01.81-	110235	14	80				
Firebird 4.4 Formula	01.81-	110235	14	80				
	01.81-	110505	14	75				
Firebird 4.4 Trans Am	01.81-	110505	14	75				
	01.81-	110235	14	80				
Firebird 4.9	01.77- 01.81	110505	14	75				
Firebird 4.9 Esprit	01.77- 01.81	110505	14	75				
Firebird 4.9 Formula	01.77- 01.81	110505	14	75				
Firebird 4.9 Trans Am	01.79- 01.81	110505	14	75				
Firebird 4.9 Turbo Formula	01.80- 01.81	110233	14	63				
	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
Firebird 4.9 Turbo Trans Am	01.80- 01.81	110233	14	63				
	01.80- 01.81	110235	14	80				
	01.80- 01.81	110505	14	75				
Firebird 5.0	01.91- 01.92	112640	14	100/105	01.80- 01.84	110414	12	
	01.90- 01.92	112629	14	100/105	01.77- 01.79	110216	12	1.4
	01.88- 01.90	110985	14	100/105	01.85- 01.90	112910#	12	
	01.87- 01.88	110498	14	100/105				
	01.77- 01.87	110505	14	75				
	01.85- 01.87	110508	14	78				
	01.85- 01.87	110471	14	94				
	01.82- 01.84	110235	14	80				
	01.80- 01.80	110233	14	63				
Firebird 5.0 Esprit	01.80- 01.80	110233	14	63	01.80- 01.80	110414	12	
	01.77- 01.80	110505	14	75	01.77- 01.79	110216	12	1.4
	01.90- 01.92	112629	14	100/105				
Firebird 5.0 Formula	01.91- 01.92	112640	14	100/105	01.77- 01.81	110216	12	1.4
	01.90- 01.92	112629	14	100/105	01.89- 01.90	112910#	12	
	01.89- 01.90	110985	14	100/105	01.80- 01.80	110414	12	
	01.77- 01.81	110505	14	75	01.81- 01.81	111258	12	
	01.81- 01.81	110235	14	80				
	01.80- 01.80	110233	14	63				
Firebird 5.0 S/E	01.85- 01.86	110471	14	94	01.85- 01.86	112910#	12	
	01.85- 01.86	110508	14	78	01.82- 01.84	110414	12	
	01.82- 01.86	110505	14	75				
	01.90- 01.92	112629	14	100/105				
	01.82- 01.84	110235	14	80				
Firebird 5.0 Trans Am	01.91- 01.92	112640	14	100/105	01.84- 01.90	112910#	12	
	01.90- 01.92	112629	14	100/105	01.80- 01.84	110414	12	
	01.88- 01.89	110985	14	100/105	01.81- 01.82	110216	12	1.4
	01.80- 01.87	110505	14	75	01.81- 01.82	111258	12	
	01.85- 01.87	110508	14	78				
	01.83- 01.87	110471	14	94				
	01.85- 01.90	110492	14	108				
	01.81- 01.83	110235	14	80				
01.80- 01.80	110233	14	63					
Firebird 5.0 Trans Am GTA	01.91- 01.92	112640	14	100/105	01.89- 01.90	112910#	12	
	01.90- 01.92	112629	14	100/105				
	01.89- 01.90	110985	14	100/105				
Firebird 5.3	01.67- 01.67	110075	14	60	01.67- 01.67	110218	12	
Firebird 5.7	01.87- 01.88	110498	14	100/105	01.78- 01.79	110216	12	1.4
	01.90- 01.92	112629	14	100/105	01.78- 01.79	111258	12	
	01.72- 01.79	110505	14	75	01.68- 01.77	110218	12	
	01.68- 01.71	110075	14	60	01.93- 12.94	112897	12	1.7
Firebird 5.7 Esprit	01.70- 01.79	110505	14	75	01.78- 01.79	110216	12	1.4
	01.90- 01.92	112629	14	100/105	01.78- 01.79	111258	12	
					01.70- 01.77	110218	12	
Firebird 5.7 Firehawk	01.90- 01.92	112629	14	100/105	01.98- 01.98	112898	12	1.6
					01.98- 12.00	112906	12	1.7
Firebird 5.7 Formula	01.90- 01.92	112629	14	100/105	01.78- 01.79	110216	12	1.4
	01.95- 01.97	112888	14	140	01.78- 01.79	111258	12	
	01.89- 01.92	110985	14	100/105	01.72- 01.77	110218	12	
	01.72- 01.79	110505	14	75	01.98- 01.02	112898	12	1.6
					01.95- 01.97	112897	12	1.7

## STARTERS & ALTERNATORS



Firebird 5.7 Trans Am	01.90- 01.92	112629	14	100/105	01.98- 01.02	112898	12	1.6
	01.93- 01.97	112888	14	140	01.96- 01.97	112897	12	1.7
	01.87- 01.92	110498	14	100/105	01.70- 01.75	110218	12	
	01.70- 01.75	110505	14	75				
Firebird 5.7 Trans Am GT	01.94- 01.94	112888	14	140				
	01.90- 01.92	112629	14	100/105				
Firebird 5.7 Trans Am GTA	01.89- 01.92	110985	14	100/105				
	01.90- 01.92	112629	14	100/105				
Firebird 6.6	01.74- 01.77	110505	14	75	01.67- 01.77	110218	12	
	01.67- 01.70	110075	14	60				
Firebird 6.6 Esprit	01.70- 01.76	110505	14	75	01.70- 01.76	110218	12	
	01.70- 01.79	110505	14	75	01.70- 01.79	110218	12	
Firebird 6.6 Formula	01.70- 01.79	110505	14	75	01.70- 01.79	110218	12	
Firebird 6.6 Trans Am	01.70- 01.79	110505	14	75	01.70- 01.79	110218	12	
Firebird 7.5 Esprit	01.71- 01.71	110505	14	75	01.71- 01.71	110218	12	
Firebird 7.5 Formula	01.71- 01.74	110505	14	75	01.71- 01.74	110218	12	
Firebird 7.5 Trans Am	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12	
Firefly 1.0	01.89-	111279	14	50	01.85- 01.86	111310	12	0.8
	01.89-	110967	14	50				
	01.87-	110965	14	50				
Firefly 1.0 FE					01.86- 01.86	111310	12	0.8
Firefly 1.0 LE	01.91-	111279	14	50				
	01.91-	110967	14	50				
Firefly 1.0 Turbo	01.89-	111279	14	50				
	01.89-	110967	14	50				
	01.87-	110965	14	50				
Firefly 1.3	01.95-	111279	14	50				
Grand Am 2.3	01.88- 01.88	110499	14	100/105				
	01.88- 01.88	112448	14	100				
Grand Am 2.3 LE	01.88- 01.91	110499	14	100/105				
	01.88- 01.91	112448	14	100				
Grand Am 2.3 SE	01.88- 01.95	110499	14	100/105				
	01.88- 01.95	112448	14	100				
Grand Am 2.4	01.99- 01.01	112868	14	102	01.99- 12.99	112900	12	1.4
Grand Am 2.5	01.85- 01.91	110471	14	94				
Grand Am 2.5 LE	01.85- 01.91	110508	14	78				
	01.85- 01.91	110471	14	94				
Grand Am 3.0	01.86- 01.87	110502	14	100/105	01.85- 01.87	110221	12	1.2
	01.85- 01.85	110471	14	94				
	01.85- 01.85	110492	14	108				
Grand Am 3.0 LE	01.86- 01.87	110502	14	100/105	01.85- 01.87	110221	12	1.2
	01.85- 01.85	110471	14	94				
	01.85- 01.85	110492	14	108				
Grand Am 3.0 SE	01.86- 01.87	110502	14	100/105	01.86- 01.87	110221	12	1.2
Grand Am 3.1 GT					01.94- 01.98	112911	12	1.6
Grand Am 3.1 SE					01.94- 01.98	112911	12	1.6
Grand Am 3.3 GT					01.92- 01.93	110221	12	1.2
Grand Am 3.3 SE					01.92- 01.93	110221	12	1.2
Grand Am 3.4					01.99- 01.00	112900	12	1.4
Grand Am 3.8	01.79- 01.79	110505	14	75				
Grand Am 4.9	01.78- 01.80	110505	14	75				
Grand Am 5.0	01.78- 01.80	110505	14	75	01.78- 01.80	110414	12	
Grand Am 5.7	01.73- 01.75	110505	14	75				
Grand Am 6.6	01.73- 01.75	110505	14	75	01.73- 01.75	110218	12	
Grand Am 7.5	01.73- 01.75	110505	14	75	01.73- 01.75	110218	12	
Grand Lemans 3.3 LE	01.78-	110233	14	63				
Grand Lemans 3.8	01.77- 01.81	110505	14	75	01.80- 01.80	110414	12	
	01.80- 01.81	110235	14	80				
	01.83-	110508	14	78				
	01.80- 01.81	110233	14	63				
Grand Lemans 3.8 BR	01.82-	110505	14	75				
	01.82-	110235	14	80				
	01.83-	110508	14	78				
Grand Lemans 3.8 LE	01.81- 01.81	110233	14	63				
	01.81- 01.81	110235	14	80				
	01.81- 01.81	110505	14	75				
Grand Lemans 3.8 Safari	01.80- 01.80	110233	14	63	01.80- 01.80	110414	12	
	01.80- 01.80	110235	14	80				
	01.78- 01.81	110505	14	75				
Grand Lemans 4.1	01.75- 01.76	110505	14	75	01.75- 01.76	110216	12	1.4
	01.82-	110235	14	80				
Grand Lemans 4.1 LE	01.77-	110505	14	75				
Grand Lemans 4.3	01.80- 01.81	110235	14	80				
Grand Lemans 4.3 Safari	01.76- 01.81	110505	14	75				
	01.80- 01.81	110235	14	80				
Grand Lemans 4.4	01.80- 01.81	110505	14	75				
	01.80-	110235	14	80				
Grand Lemans 4.4 BR	01.80-	110505	14	75				
	01.82-	110505	14	75				
Grand Lemans 4.4 LE	01.82-	110235	14	80				
	01.79-	110505	14	75				
Grand Lemans 4.4 SA	01.80-	110235	14	80				
	01.81-	110235	14	80				
Grand Lemans 4.9	01.81-	110505	14	75				
	01.77- 01.80	110505	14	75				
Grand Lemans 4.9 Safari	01.77- 01.81	110505	14	75				
Grand Lemans 5.0	01.77- 01.80	110505	14	75	01.79- 01.80	110414	12	
	01.83-	110471	14	94				
	01.82-	110235	14	80				
Grand Lemans 5.0 BR	01.76-	110505	14	75				
	01.83-	110471	14	94				
Grand Lemans 5.0 LE	01.81- 01.81	110505	14	75	01.81- 01.81	110414	12	
	01.81- 01.81	110235	14	80				
Grand Lemans 5.0 SA	01.81- 01.81	110235	14	80	01.78- 01.81	110414	12	
	01.78- 01.81	110505	14	75				
Grand Lemans 5.0 Safari	01.78- 01.80	110505	14	75	01.78- 01.80	110414	12	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**PONTIAC** *Continued*

Grand Lemans 5.7	01.77- 01.77	110233	14	63			
	01.75- 01.77	110505	14	75			
Grand Lemans 5.7 LE	01.76- 01.76	110505	14	75			
Grand Lemans 5.7 SA	01.78- 01.78	110505	14	75	01.78- 01.78	110216	12 1.4
					01.78- 01.78	111258	12
Grand Lemans 5.7 Safari	01.77- 01.79	110505	14	75	01.78- 01.79	111258	12
	01.77- 01.77	110233	14	63	01.78- 01.79	110216	12 1.4
Grand Lemans 5.7	01.83-	110508	14	78			
	01.83-	110471	14	94			
	01.82-	110505	14	75			
	01.82-	110235	14	80			
Grand Lemans 6.6	01.77- 01.77	110233	14	63	01.75- 01.77	110218	12
	01.75- 01.77	110505	14	75			
Grand Lemans 6.6 Safari	01.75- 01.77	110505	14	75	01.75- 01.77	110218	12
	01.77- 01.77	110233	14	63			
Grand Lemans 7.5	01.75- 01.76	110505	14	75	01.75- 01.76	110218	12
Grand Prix 2.8					01.88- 01.89	112911	12 1.6
Grand Prix 2.8 LE					01.88- 01.89	112911	12 1.6
Grand Prix 2.8 SE					01.88- 01.89	112911	12 1.6
Grand Prix 3.1					01.98- 01.00	112900	12 1.4
					01.89- 01.89	112911	12 1.6
Grand Prix 3.1 GT					01.91- 01.93	112911	12 1.6
Grand Prix 3.1 LE					01.89- 01.93	112911	12 1.6
Grand Prix 3.1 SE					01.98- 01.98	112900	12 1.4
					01.89- 01.97	112911	12 1.6
Grand Prix 3.1 STE					01.90- 01.93	112911	12 1.6
Grand Prix 3.1 Turbo McLaren					01.90- 01.90	112911	12 1.6
Grand Prix 3.1 Turbo SE					01.89- 01.89	112911	12 1.6
Grand Prix 3.1 Turbo STE					01.90- 01.90	112911	12 1.6
Grand Prix 3.4	01.92-	110499	14	100/105			
Grand Prix 3.4 GT					01.96- 01.96	112898	12 1.6
Grand Prix 3.4 LE	01.92- 01.93	110499	14	100/105			
	01.92- 01.93	112448	14	100			
Grand Prix 3.8	01.83- 01.87	110235	14	80			
	01.83- 01.87	110471	14	94			
	01.78- 01.87	110505	14	75			
	01.83- 01.83	110508	14	78			
Grand Prix 3.8 Brougham	01.83- 01.87	110471	14	94			
	01.81- 01.87	110505	14	75			
	01.81- 01.87	110235	14	80			
	01.83- 01.83	110508	14	78			
Grand Prix 3.8 GT	01.97- 01.97	112615	14	105	01.97- 01.97	112898	12 1.6
Grand Prix 3.8 LE	01.84- 01.87	110505	14	75			
	01.84- 01.87	110471	14	94			
	01.84- 01.87	110235	14	80			
Grand Prix 3.8 LJ	01.83- 01.83	110235	14	80			
	01.83- 01.83	110508	14	78			
	01.83- 01.83	110471	14	94			
	01.79- 01.83	110505	14	75			
Grand Prix 3.8 SE	01.97- 01.97	112615	14	105	01.97- 01.97	112898	12 1.6
Grand Prix 3.8 SJ	01.79- 01.79	110505	14	75			
Grand Prix 3.8 Super					01.99- 01.02	112898	12 1.6
Grand Prix 3.8 Super GTP	01.97- 01.97	112615	14	105	01.97- 01.98	112898	12 1.6
Grand Prix 4.1	01.82- 01.82	110505	14	75			
	01.82- 01.82	110235	14	80			
Grand Prix 4.1 Brougham	01.82- 01.82	110505	14	75			
	01.82- 01.82	110235	14	80			
Grand Prix 4.1 LJ	01.82- 01.82	110235	14	80			
	01.82- 01.82	110505	14	75			
Grand Prix 4.3	01.86- 01.87	110471	14	94			
	01.86- 01.87	110508	14	78			
	01.86- 01.87	110233	14	63			
	01.80- 01.87	110505	14	75			
	01.80- 01.81	110235	14	80			
Grand Prix 4.3 Brougham	01.86- 01.87	110233	14	63			
	01.86- 01.87	110508	14	78			
	01.86- 01.87	110471	14	94			
	01.81- 01.87	110505	14	75			
	01.81- 01.81	110235	14	80			
Grand Prix 4.3 LE	01.86- 01.87	110471	14	94			
	01.86- 01.87	110233	14	63			
	01.86- 01.87	110508	14	78			
	01.86- 01.87	110505	14	75			
Grand Prix 4.3 LJ	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Grand Prix 4.4	01.81- 01.82	110235	14	80			
	01.81- 01.82	110505	14	75			
Grand Prix 4.4 Brougham	01.81- 01.82	110235	14	80			
	01.81- 01.82	110505	14	75			
Grand Prix 4.4 LJ	01.81- 01.82	110235	14	80			
	01.81- 01.82	110505	14	75			
Grand Prix 4.9	01.77- 01.80	110505	14	75			
Grand Prix 4.9 LJ	01.77- 01.80	110505	14	75			
Grand Prix 4.9 SJ	01.78- 01.80	110505	14	75			
Grand Prix 5.0	01.85- 01.87	110471	14	94	01.78- 01.84	110414	12
	01.78- 01.86	110505	14	75			
Grand Prix 5.0 Brougham	01.83- 01.87	110471	14	94	01.83- 01.84	110414	12
	01.83- 01.86	110505	14	75			
Grand Prix 5.0 LE	01.84- 01.87	110505	14	75			
	01.84- 01.87	110471	14	94			
Grand Prix 5.0 LJ	01.78- 01.83	110505	14	75	01.78- 01.83	110414	12
Grand Prix 5.0 SJ	01.78- 01.80	110505	14	75	01.78- 01.80	110414	12
Grand Prix 5.7	01.77- 01.77	110233	14	63			
	01.76- 01.77	110505	14	75			
Grand Prix 5.7 LJ	01.77- 01.77	110233	14	63	01.77- 01.77	110218	12
	01.77- 01.77	110505	14	75			

## STARTERS & ALTERNATORS



Grand Prix 5.7	01.83- 01.84	110471	14	94			
	01.83- 01.84	110508	14	78			
	01.81- 01.83	110505	14	75			
	01.81- 01.82	110235	14	80			
Grand Prix 5.7 Brougham	01.83- 01.84	110471	14	94			
	01.83- 01.84	110508	14	78			
	01.81- 01.83	110505	14	75			
	01.81- 01.82	110235	14	80			
Grand Prix 5.7 LE	01.84- 01.84	110471	14	94			
	01.84- 01.84	110508	14	78			
Grand Prix 5.7 LJ	01.83- 01.83	110508	14	78			
	01.83- 01.83	110471	14	94			
	01.81- 01.83	110505	14	75			
	01.81- 01.82	110235	14	80			
Grand Prix 6.4	01.62- 01.66	110075	14	60	01.62- 01.66	110218	12
Grand Prix 6.6	01.77- 01.77	110233	14	63	01.68- 01.77	110218	12
	01.72- 01.77	110505	14	75			
	01.68- 01.71	110075	14	60			
Grand Prix 6.6 LJ	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12
	01.77- 01.77	110233	14	63			
Grand Prix 6.6 SJ	01.77- 01.77	110505	14	75	01.77- 01.77	110218	12
	01.77- 01.77	110233	14	63			
Grand Prix 6.9	01.63-	110075	14	60			
Grand Prix 7.0	01.68- 01.69	110075	14	60	01.68- 01.69	110218	12
Grand Prix 7.5	01.70- 01.76	110505	14	75	01.70- 01.76	110218	12
Grand Safari 4.9	01.77- 01.78	110505	14	75			
Grand Safari 5.7	01.77- 01.78	110505	14	75			
Grand Safari 6.6	01.71- 01.78	110505	14	75	01.71- 01.78	110218	12
Grand Safari 7.5	01.71- 01.76	110505	14	75	01.71- 01.76	110218	12
Grandville 6.6	01.71- 01.73	110505	14	75	01.71- 01.73	110218	12
Grandville 6.6 Brougham	01.75- 01.75	110505	14	75	01.75- 01.75	110218	12
Grandville 7.5	01.71- 01.74	110505	14	75	01.71- 01.74	110218	12
Grandville 7.5 Brougham	01.75- 01.75	110505	14	75	01.75- 01.75	110218	12
GTO 3.5	01.64- 01.64	110075	14	60			
GTO 5.3	01.64- 01.66	110075	14	60			
GTO 5.7	01.70- 01.70	110075	14	60			
GTO 6.4	01.64- 01.66	110075	14	60			
GTO 6.6	01.67- 01.71	110075	14	60	01.67- 01.71	110218	12
GTO 7.5	01.70- 01.71	110075	14	60	01.70- 01.71	110218	12
J2000 1.8	01.82- 01.83	110235	14	80			
	01.82- 01.83	110505	14	75			
J2000 1.8 Sunbird	01.84- 01.84	110471	14	94			
	01.84- 01.84	110508	14	78			
	01.84- 01.84	110508	14	78			
J2000 1.8 Sunbird LE	01.84- 01.84	110471	14	94			
	01.84- 01.84	110508	14	78			
J2000 1.8 Turbo Sunbird	01.84- 01.84	110471	14	94			
	01.84- 01.84	110508	14	78			
J2000 1.8 Turbo Sunbird LE	01.84- 01.84	110508	14	78			
	01.84- 01.84	110471	14	94			
J2000 1.8 Turbo Sunbird SE	01.84- 01.84	110471	14	94			
	01.84- 01.84	110508	14	78			
J2000 2.0	01.83- 01.84	110492	14	108	01.84- 01.84	112911	12 1.6
J2000 2.0 Sunbird	01.84- 01.84	110492	14	108	01.84- 01.84	112911	12 1.6
J2000 2.0 Sunbird LE	01.84- 01.84	110492	14	108	01.84- 01.84	112911	12 1.6
Laurentian 3.8	01.80-	110235	14	80			
	01.81-	110505	14	75			
	01.80-	110233	14	63			
Laurentian 4.1	01.77-	110505	14	75			
Laurentian 4.3	01.81-	110505	14	75			
Laurentian 4.4	01.80-	110505	14	75			
	01.80-	110235	14	80			
Laurentian 4.4 Safari	01.80-	110505	14	75			
	01.80-	110235	14	80			
Laurentian 5.0	01.77-	110505	14	75			
	01.80-	110235	14	80			
Laurentian 5.0 Safari	01.80-	110505	14	75			
	01.80-	110235	14	80			
Laurentian 5.7	01.77-	110505	14	75			
Laurentian 5.7	01.80-	110505	14	75			
	01.81-	110235	14	80			
Laurentian 6.6	01.76-	110505	14	75			
Laurentian 7.5	01.76-	110505	14	75			
Lemans 1.6					01.88- 01.89	111127	12 1.4
					01.88- 01.88	111055	12 0.7
					01.88- 01.88	111127	12 1.4
Lemans 1.6 Aerocoupe					01.88- 01.88	111055	12 0.7
					01.90- 01.91	111127	12 1.4
Lemans 1.6 LE					01.90- 01.91	111127	12 1.4
Lemans 1.6 LE Aerocoupe					01.88- 01.88	111127	12 1.4
Lemans 1.6 SE					01.88- 01.88	111055	12 0.7
					01.90- 01.93	111127	12 1.4
Lemans 1.6 Value Leader					01.88- 01.89	111127	12 1.4
Lemans 1.6 YL Aerocoupe					01.88- 01.88	111055	12 0.7
Lemans 3.3	01.78-	110233	14	63			
Lemans 3.3 Safari	01.79-	110233	14	63			
Lemans 3.5	01.64- 01.65	110075	14	60			
Lemans 3.8	01.80- 01.81	110235	14	80	01.80- 01.80	110414	12
	01.80- 01.81	110233	14	63			
	01.77- 01.81	110505	14	75			
	01.66- 01.67	110075	14	60			
Lemans 3.8 Safari	01.78- 01.81	110505	14	75	01.80- 01.80	110414	12
	01.80- 01.80	110233	14	63			
	01.80- 01.80	110235	14	80			
Lemans 3.8 Sport	01.77- 01.77	110505	14	75			
Lemans 4.1	01.72- 01.76	110505	14	75			
	01.68- 01.71	110075	14	60			

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.



Application list

**PONTIAC** *Continued*

Lemans 4.1 Safari	01.73- 01.73	110505	14	75			
	01.69- 01.69	110075	14	60			
Lemans 4.1 Sport	01.73- 01.76	110505	14	75			
	01.70- 01.71	110075	14	60			
Lemans 4.1 T37	01.71- 01.71	110075	14	60			
Lemans 4.3	01.76- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Lemans 4.3 Safari	01.80- 01.81	110505	14	75			
	01.80- 01.81	110235	14	80			
Lemans 4.3 Sport	01.76- 01.76	110505	14	75			
Lemans 4.4	01.79-	110505	14	75			
	01.80-	110235	14	80			
Lemans 4.4 Safari	01.79-	110505	14	75			
	01.80-	110235	14	80			
Lemans 4.9	01.77- 01.80	110505	14	75			
Lemans 4.9 Safari	01.77- 01.81	110505	14	75			
Lemans 4.9 Sport	01.77- 01.77	110505	14	75			
Lemans 5.0	01.76- 01.81	110505	14	75	01.79- 01.81	110414	12
	01.81- 01.81	110235	14	80			
Lemans 5.0 Safari	01.78- 01.81	110505	14	75	01.78- 01.81	110414	12
	01.81- 01.81	110235	14	80			
	01.76- 01.77	110505	14	75			
Lemans 5.0 Sport	01.63- 01.67	110075	14	60			
Lemans 5.3	01.72- 01.77	110505	14	75			
	01.77- 01.77	110233	14	63			
	01.68- 01.71	110075	14	60			
Lemans 5.7 Safari	01.73- 01.79	110505	14	75	01.78- 01.79	110216	12 1.4
	01.77- 01.77	110233	14	63	01.78- 01.79	111258	12
	01.69- 01.69	110075	14	60			
Lemans 5.7 Sport	01.73- 01.77	110505	14	75			
	01.77- 01.77	110233	14	63			
	01.70- 01.71	110075	14	60			
Lemans 5.7 T37	01.71- 01.71	110075	14	60			
Lemans 6.4	01.64- 01.65	110075	14	60	01.64- 01.65	110218	12
Lemans 6.6	01.77- 01.77	110233	14	63	01.68- 01.77	110218	12
	01.72- 01.77	110505	14	75			
	01.68- 01.71	110075	14	60			
	01.73- 01.77	110505	14	75	01.69- 01.77	110218	12
Lemans 6.6 Safari	01.77- 01.77	110233	14	63			
	01.69- 01.69	110075	14	60			
	01.73- 01.77	110505	14	75	01.70- 01.77	110218	12
Lemans 6.6 Sport	01.77- 01.77	110233	14	63			
	01.70- 01.71	110075	14	60			
	01.68- 01.69	110075	14	60	01.68- 01.69	110218	12
Lemans 7.0	01.69- 01.69	110075	14	60	01.69- 01.69	110218	12
Lemans 7.0 Safari	01.72- 01.76	110505	14	75	01.70- 01.76	110218	12
Lemans 7.5	01.70- 01.70	110075	14	60			
	01.73- 01.76	110505	14	75	01.73- 01.76	110218	12
Lemans 7.5 Safari	01.73- 01.76	110505	14	75	01.70- 01.76	110218	12
Lemans 7.5 Sport	01.70- 01.70	110075	14	60			
Montana 3.4					01.99- 01.02	112900	12 1.4
Parisienne 3.8	01.83- 01.85	110471	14	94			
	01.81- 01.85	110505	14	75			
	01.84- 01.84	110508	14	78			
	01.80- 01.85	110233	14	63			
	01.80-	110235	14	80			
Parisienne 3.8 Brougham	01.83- 01.85	110471	14	94	01.83- 01.83	110414	12
	01.83- 01.85	110233	14	63			
	01.82- 01.85	110505	14	75			
	01.82-	110235	14	80			
	01.84- 01.84	110508	14	78			
Parisienne 4.1	01.77-	110505	14	75			
Parisienne 4.3	01.81- 01.86	110505	14	75			
	01.85- 01.86	110471	14	94			
	01.85- 01.86	110492	14	108			
	01.85- 01.86	110233	14	63			
Parisienne 4.3 Brougham	01.85- 01.86	110471	14	94			
	01.85- 01.86	110492	14	108			
	01.85- 01.86	110233	14	63			
Parisienne 4.4	01.85- 01.86	110505	14	75			
	01.80- 01.82	110235	14	80	01.82- 01.82	110414	12
	01.80- 01.82	110505	14	75			
Parisienne 4.4 Brougham	01.82- 01.82	110505	14	75	01.82- 01.82	110414	12
	01.82- 01.82	110235	14	80			
Parisienne 4.4 Safari	01.81- 01.82	110235	14	80	01.82- 01.82	110414	12
	01.81- 01.82	110505	14	75			
Parisienne 5.0	01.77- 01.86	110505	14	75	01.83- 01.83	110414	12
	01.84- 01.86	110233	14	63			
	01.84- 01.86	110471	14	94			
	01.80-	110235	14	80			
	01.86- 01.86	110508	14	78			
Parisienne 5.0 Brougham	01.82- 01.86	110505	14	75	01.83- 01.83	110414	12
	01.82-	110235	14	80			
	01.86- 01.86	110508	14	78			
	01.84- 01.86	110471	14	94			
	01.84- 01.86	110233	14	63			
Parisienne 5.0 Safari	01.80-	110505	14	75			
	01.80-	110235	14	80			
Parisienne 5.7	01.77-	110505	14	75			
Parisienne 5.7 Safari	01.80-	110505	14	75			
Parisienne 5.7	01.80- 01.83	110505	14	75			
	01.83- 01.85	110471	14	94			
	01.81- 01.82	110235	14	80			
	01.84- 01.85	110508	14	78			



Parisienne 5.7 Brougham	01.82- 01.83	110505	14	75			
	01.83- 01.85	110471	14	94			
	01.82- 01.82	110235	14	80			
	01.84- 01.85	110508	14	78			
Parisienne 5.7 Safari	01.80-	110505	14	75			
	01.81-	110235	14	80			
Parisienne 6.6	01.76-	110505	14	75			
Parisienne 7.5	01.76-	110505	14	75			
Phoenix 2.5	01.78- 01.84	110505	14	75	01.80- 01.81	110221	12 1.2
	01.83-	110471	14	94	01.78- 01.78	110414	12
	01.80- 01.84	110235	14	80			
	01.78- 01.78	110233	14	63			
Phoenix 2.5 LE	01.84- 01.84	110505	14	75	01.84- 01.84	112911	12 1.6
	01.84- 01.84	110471	14	94	01.84- 01.84	110221	12 1.2
Phoenix 2.5 LJ	01.83-	110471	14	94	01.80- 01.81	110221	12 1.2
	01.78- 01.83	110505	14	75	01.78- 01.78	110414	12
	01.80- 01.83	110235	14	80			
	01.78- 01.78	110233	14	63			
Phoenix 2.8	01.84- 01.84	110508	14	78	01.84- 01.84	112911	12 1.6
	01.80- 01.84	110505	14	75	01.80- 01.84	110221	12 1.2
	01.80- 01.84	110235	14	80			
Phoenix 2.8 LE	01.84- 01.84	110505	14	75	01.84- 01.84	112911	12 1.6
	01.84- 01.84	110508	14	78			
Phoenix 2.8 LJ	01.80- 01.83	110505	14	75	01.80- 01.83	110221	12 1.2
	01.80- 01.83	110235	14	80			
	01.84- 01.84	110508	14	78	01.84- 01.84	112911	12 1.6
Phoenix 2.8 SE	01.84- 01.84	110505	14	75			
	01.84- 01.84	110508	14	78			
Phoenix 2.8 SJ	01.83- 01.83	110508	14	78	01.83- 01.83	112911	12 1.6
	01.82- 01.83	110505	14	75			
	01.82- 01.82	110235	14	80			
Phoenix 3.8	01.77- 01.79	110505	14	75			
Phoenix 3.8 LJ	01.78- 01.79	110505	14	75			
Phoenix 5.0	01.77- 01.79	110505	14	75	01.77- 01.79	110216	12 1.4
Phoenix 5.0 LJ	01.78- 01.79	110505	14	75	01.78- 01.79	110216	12 1.4
Phoenix 5.7	01.77- 01.79	110505	14	75	01.78- 01.79	110216	12 1.4
					01.78- 01.79	111258	12
Phoenix 5.7 LJ	01.78- 01.79	110505	14	75	01.78- 01.79	110216	12 1.4
					01.78- 01.79	111258	12
Safari 4.1	01.68- 01.70	110075	14	60			
Safari 5.0	01.87- 01.89	110471	14	94			
	01.87- 01.89	110508	14	78			
Safari 5.7	01.68- 01.70	110075	14	60			
Safari 6.4	01.63- 01.65	110075	14	60	01.63- 01.65	110218	12
					01.61- 01.62	110216	12 1.4
Safari 6.6	01.70- 01.70	110075	14	60	01.70- 01.70	110218	12
Safari 6.9	01.63- 01.65	110075	14	60	01.63- 01.65	110218	12
Star Chief 6.4	01.63- 01.66	110075	14	60	01.59- 01.62	110216	12 1.4
					01.63- 01.66	110218	12
Star Chief 6.9	01.63- 01.66	110075	14	60	01.63- 01.66	110218	12
Sunbird 3.1	01.94-	111388	14	100/105	01.91- 12.93	112911	12 1.6
Sunbird 1.8	01.85- 01.86	110471	14	94			
	01.85- 01.86	110508	14	78			
Sunbird 1.8 GT	01.86- 01.86	110471	14	94			
	01.86- 01.86	110508	14	78			
Sunbird 1.8 LE	01.85- 01.85	110471	14	94			
	01.85- 01.85	110508	14	78			
Sunbird 1.8 SE	01.86- 01.86	110471	14	94			
	01.86- 01.86	110508	14	78			
Sunbird 1.8 Turbo	01.85- 01.86	110471	14	94			
	01.85- 01.86	110508	14	78			
Sunbird 1.8 Turbo GT	01.86- 01.86	110508	14	78			
	01.86- 01.86	110471	14	94			
Sunbird 1.8 Turbo LE	01.85- 01.85	110508	14	78			
	01.85- 01.85	110471	14	94			
Sunbird 1.8 Turbo SE	01.85- 01.86	110508	14	78			
	01.85- 01.86	110471	14	94			
Sunbird 2.3	01.76- 01.77	110492	14	108			
	01.76- 01.77	110505	14	75			
	01.76- 01.77	110233	14	63			
Sunbird 2.5	01.77- 01.80	110505	14	75	01.78- 01.79	110414	12
Sunbird 2.5 Safari	01.78- 01.79	110505	14	75	01.78- 01.79	110414	12
Sunbird 3.1 GT	01.91- 01.93	111388	14	100/105	01.91- 01.93	112911	12 1.6
Sunbird 3.1 LE	01.91- 01.94	111388	14	100/105	01.91- 01.94	112911	12 1.6
Sunbird 3.1 SE	01.91- 01.94	111388	14	100/105	01.91- 01.94	112911	12 1.6
Sunbird 3.8	01.76- 01.80	110505	14	75			
Sunbird 3.8 Safari	01.78- 01.79	110505	14	75			
Sunbird 5.0	01.78- 01.79	110505	14	75	01.79- 01.79	110216	12 1.4
					01.78- 01.78	110414	12
Sunfire 2.2					01.98- 01.01	112900	12 1.4
					01.98- 01.98	112911	12 1.6
Sunfire 2.2 GT					01.95- 01.95	112911	12 1.6
Sunfire 2.2 SE					01.95- 01.97	112911	12 1.6
Sunrunner 1.6	01.94-	111279	14	50			
T1000 1.6	01.81- 01.87	110492	14	108			
Tempest 2.0	01.87-	110503	14	100/105			
Tempest 2.2	01.90-	110503	14	100/105			
Tempest 2.2 LE	01.91-	110503	14	100/105			
Tempest 2.8	01.87-	111388	14	100/105			
Tempest 3.1	01.90-	111388	14	100/105			
Tempest 3.1 LE	01.91-	111388	14	100/105			
Tempest 3.5	01.64- 01.65	110075	14	60			
Tempest 3.8	01.66- 01.67	110075	14	60			
Tempest 4.1	01.68- 01.70	110075	14	60			
Tempest 4.1 Custom	01.68- 01.69	110075	14	60			
Tempest 5.3	01.63- 01.67	110075	14	60			
Tempest 5.7	01.68- 01.70	110075	14	60			

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





Application list

**PONTIAC** *Continued*

Tempest 5.7 Custom		01.68-01.68	110075	14	60				
Tempest 6.4		01.63-01.64	110075	14	60	01.64-01.64	110216	12	1.4
Tempest 6.6		01.68-01.70	110075	14	60	01.68-01.70	110218	12	
Tempest 6.6 Custom		01.68-01.68	110075	14	60	01.68-01.68	110218	12	
Tempest 7.0		01.69-01.69	110075	14	60	01.69-01.69	110218	12	
Tempest 7.0 Custom		01.69-01.69	110075	14	60	01.69-01.69	110218	12	
Trans Sport 3.1		01.90-01.95	111388	14	100/105	01.90-01.95	112911	12	1.6
Trans Sport 3.4						01.97-01.98	112900	12	1.4
						01.96-01.96	112911	12	1.6
Trans Sport 3.4 Montana						01.98-01.98	112900	12	1.4
Trans Sport 3.8		01.92-01.95	111220	14	105	01.92-01.95	110221	12	1.2
		01.92-01.95	112884	14	140				
		01.92-01.95	112636	14	100/105				
Ventura 2.5		01.77-01.77	110233	14	63				
		01.77-01.77	110505	14	75				
Ventura 3.8		01.77-01.77	110505	14	75				
Ventura 3.8 SJ		01.77-01.77	110505	14	75				
Ventura 4.1		01.71-01.71	110075	14	60				
		01.72-01.76	110505	14	75				
Ventura 4.1 Custom		01.73-01.75	110505	14	75				
Ventura 4.1 S		01.75-01.75	110505	14	75	01.75-01.75	110216	12	1.4
Ventura 4.1 SJ		01.75-01.76	110505	14	75	01.75-01.76	110216	12	1.4
Ventura 4.3		01.75-01.76	110505	14	75				
Ventura 4.3 Custom		01.75-01.75	110505	14	75				
Ventura 4.3 S		01.75-01.75	110505	14	75				
Ventura 4.3 SJ		01.75-01.76	110505	14	75				
Ventura 4.9		01.77-01.77	110505	14	75				
Ventura 4.9 SJ		01.77-01.77	110505	14	75				
Ventura 5.0		01.72-01.72	110233	14	63	01.77-01.77	110216	12	1.4
		01.72-01.77	110505	14	75				
		01.71-01.71	110075	14	60				
Ventura 5.0 SJ		01.77-01.77	110505	14	75	01.77-01.77	110216	12	1.4
Ventura 5.7		01.72-01.77	110505	14	75	01.77-01.77	110216	12	1.4
		01.75-01.76	110233	14	63	01.77-01.77	111258	12	
		01.75-01.75	110233	14	63				
		01.73-01.75	110505	14	75				
Ventura 5.7 S		01.75-01.75	110505	14	75				
		01.75-01.75	110233	14	63				
Ventura 5.7 SJ		01.75-01.77	110505	14	75	01.77-01.77	110216	12	1.4
		01.75-01.76	110233	14	63	01.77-01.77	111258	12	
Vibe 1.8 GT	[2ZZ-GE]					01.03-	114419	12	1.2

**Porsche**

**PASSENGER CARS EU**

911 3.3 Turbo	[M30.69]	08.90-09.93	112693	14	115				
911 3.3 Turbo S	[930.60]	09.86-11.90	110931	14	70				
911 3.3 Turbo SC	[930.60]	07.74-01.83	110931	14	70				
	[930.66]	08.82-01.83	110931	14	70				
911 3.4	[M96.02]					02.98-09.01	114316	12	1.7
	[M96.04]	02.98-09.01	115678	14	150	02.98-09.01	114316	12	1.7
911 3.4 Carrera	[M96.01]	09.97-09.01	115678	14	150	09.97-09.01	114316	12	1.7
	[M96.02]					05.01-	114316	12	1.7
	[M96.04]	09.97-09.01	115678	14	150	09.97-09.01	114316	12	1.7
		09.97-09.01	115835	14	120				
911 3.4 Carrera 4	[M96.01]	09.97-09.01	115678	14	150	06.97-09.01	114316	12	1.7
	[M96.02]					05.01-	114316	12	1.7
	[M96.04]	09.97-09.01	115678	14	150	06.97-09.01	114316	12	1.7
		09.97-09.01	115835	14	120				
911 3.6	[M96.03]	10.01-08.05	115678	14	150	10.01-	114316	12	1.7
		10.01-08.05	115835	14	120				
	[M96.05]	07.04-12.08	115678	14	150				
911 3.6 4	[M96.05]	04.05-12.08	115678	14	150	04.05-12.08	114316	12	1.7
911 3.6 Carrera	[M64.05]	10.93-	112693	14	115				
	[M64.06]	10.93-	112693	14	115				
	[M64.21]	08.95-09.97	112693	14	115				
	[M64.22]	08.95-09.97	112693	14	115				
	[M64.23]	08.95-09.97	112693	14	115				
	[M64.24]	08.95-09.97	112693	14	115				
	[M96.05]	04.05-12.08	115678	14	150				
911 3.6 Carrera 2	[M64.01]	07.89-05.94	112693	14	115	04.05-	114316	12	1.7
	[M64.02]	07.89-05.94	112693	14	115				
911 3.6 Carrera 4	[M64.01]	12.88-09.93	112693	14	115				
	[M64.05]	07.94-	112693	14	115				
	[M64.07]	07.94-	112693	14	115				
	[M64.21]	08.95-09.97	112693	14	115				
	[M64.23]	08.95-09.97	112693	14	115				
	[M96.03]	10.01-08.05	115678	14	150	10.01-	114316	12	1.7
		10.01-08.05	115835	14	120				
	[M96.05]	07.04-	115678	14	150	07.04-	114316	12	1.7
911 3.6 Carrera RS	[64.03]	06.91-09.93	112693	14	115				
911 3.6 Carrera Targa	[M64.21]	08.95-09.97	112693	14	115				
	[M64.22]	08.95-09.97	112693	14	115				
911 3.6 GT2	[M96.70]	04.01-08.05	115835	14	120				
911 3.6 Targa	[M96.03]	12.01-08.05	115835	14	120	12.01-	114316	12	1.7
911 3.6 M96.05 Carrera 4	[M96.05]	04.05-12.08	115678	14	150	04.05-	114316	12	1.7
911 3.6 S Carrera	[M96.03]	06.02-08.05	115835	14	120	06.02-	114316	12	1.7
		02.03-	115678	14	150				
911 3.6 S Carrera 4	[M96.03]	06.02-08.05	115835	14	120	06.02-	114316	12	1.7
		02.03-08.05	115678	14	150				
911 3.6 Turbo	[M64.50]	01.93-09.93	112693	14	115				
	[M64.60]	03.95-	112693	14	115				
	[M64.60R]	03.95-09.97	112693	14	115				
	[M96.70]	10.03-08.05	115835	14	120				
911 3.6 Turbo 4S	[M96.70]	10.03-08.05	115835	14	120				

**STARTERS & ALTERNATORS**



911 3.6 Turbo S	[M96.70]	02.03- 08.05 02.03- 08.05	115678 115835	14 150 14 120		02.03- 08.05	114316	12 1.7	
911 3.8	[M97.01]					07.04-	114316	12 1.7	
911 3.8 4S	[M97.01]	09.05- 12.08	115678	14 150		09.05- 12.08	114316	12 1.7	
911 3.8 Carrea RS	[M64.20]	09.94-	112693	14 115					
911 3.8 Carrera	[M64.21S] [M97.01]	08.95- 09.97 11.06- 12.08	112693 115678	14 115 14 150		11.06-	114316	12 1.7	
911 3.8 Carrera 4S	[M97.01]	07.04- 12.08	115678	14 150		07.04-	114316	12 1.7	
911 3.8 Carrera RS	[M64.21S]	09.94- 08.97	112693	14 115					
911 3.8 Carrera RS 4	[M64.21S]	09.94- 08.95- 09.97	112693 111009	14 115 28 35					
911 3.8 Carrera S	[M97.01]	04.05- 12.08	115678	14 150		04.05-	114316	12 1.7	
911 3.8 Carrera Targa	[M64.20S]	05.96-	112693	14 115					
911 3.8 S	[M97.01]	07.04- 12.08	115678	14 150		07.04- 12.08	114316	12 1.7	
911 3.8 S4	[M97.01]	04.05- 12.10	115678	14 150		04.05- 12.10	114316	12 1.7	
914 1.7	[W]	07.74-	110931	14 70		01.69- 10.73	110363	12 0.7	
914 1.8	[AN]					08.73- 08.74	110363	12 0.7	
914 2.0	[GB]	07.74-	110931	14 70		10.69- 08.74	110363	12 0.7	
924 2.0	[XJ]	11.75- 08.85	111139	14 75		01.76- 08.85	110997	12 0.8	
924 2.0 Turbo	[M31.01] [M31.03]	11.78- 06.80 06.80- 10.86	111139 111139	14 75 14 75					
911 Speedster 3.6 Carrera	[M64.01] [M64.02]	08.92- 06.94 08.92- 06.94	112693 112693	14 115 14 115					
911 Targa 3.6 Carrera	[M64.01] [M64.02]	12.88- 09.93 12.88- 09.93	112693 112693	14 115 14 115					
911 Targa 3.6 Carrera 4	[M64.01]	12.88- 09.93	112693	14 115					
Boxster 2.5	[M96.20]					09.96- 08.99 09.96- 08.99	114316 115942	12 1.7 12 1.1	
Boxster 2.7	[M96.22] [M96.25] [M97.20]	08.99- 07.02 11.04- 12.06	115835 115678	14 120 14 150		08.99- 07.02 11.04- 07.06- 12.08	114316 114316 114316	12 1.7 12 1.1 12 1.7	
Boxster 2.7 24V	[M96.23]	07.02-	115835	14 120		06.99- 12.02 07.02- 07.02-	115942 114316 115942	12 1.1 12 1.7 12 1.1	
Boxster 3.2	[M96.21]	08.99- 07.02	115835	14 120		08.99- 07.02 08.99- 07.02	114316 115942	12 1.7 12 1.1	
Boxster 3.2 S	[M96.24] [M96.26]	07.02- 11.04-	115835	14 120		07.02- 07.02- 11.04-	114316 115942 114316	12 1.7 12 1.1 12 1.7	
Boxster 3.4 S	[M97.21]					07.06-	114316	12 1.7	
Carrera 5.7 GT	[M80.01]	07.03- 12.06	115678	14 150		07.03-	114316	12 1.7	
Cayenne 3.0 Diesel	[M05.9E] [MCN.RB] [MCR.C] [MCR.CB]					06.10- 06.10- 06.10- 06.10-	115559 116054 115559 116000	12 1.4 12 1.4 12 1.4 12 2.0	
Cayenne 3.2	[M02.2Y]					10.03- 09.07	116039	12 1.7	
Cayenne 3.6	[M55.01]					02.07-	116039	12 1.7	
Cayenne 4.5 S	[M48.00]					09.02-	114477	12 1.7	
Cayenne 4.5 Turbo	[M48.50]					09.02-	114477	12 1.7	
Cayenne 4.5 Turbo S	[M48.50S]					03.06-	114477	12 1.7	
Cayman 2.7	[M97.20]					01.04-	114477	12 1.7	
Cayman 3.4 S	[M97.21]	11.05-	115678	14 150		07.06- 11.05-	114316 114316	12 1.7 12 1.7	
Macan 2.0	[MCN.CC, MCY.NA] [MCY.NA]					07.14- 07.14-	115394 115394	12 1.1 12 1.1	
Macan 3.0 Diesel	[MCT.BA] [MCT.BB] [MCT.BC]					02.14- 02.14- 02.14-	115948 115948 115948	12 2.2 12 2.2 12 2.2	
Panamera 3.0 4S	[MCW.DA]					A25 07.13-	115998	12 1.8	
Panamera 3.0 S	[MCW.DA]					A25 07.13-	115998	12 1.8	
Panamera 3.0 Hybrid	[MCG.EA] [MCG.FA]					A25 03.11- 03.11-	115998 111911	12 1.8 12 1.4	
Panamera 3.0 Hybrid	[MCG.EA] [MCG.FA]					A25 03.11- A25 03.11-	115998 115998	12 1.8 12 1.8	
Panamera 3.0 Diesel	[MCR.CB] [MCR.CC]					A25 08.11- A25 08.11-	115998 115998	12 1.8 12 1.8	
Panamera 3.6	[M46.20] [M46.40] [MCW.AA]					A25 05.10- A25 05.10- A25 07.13-	115998 115998 115998	12 1.8 12 1.8 12 1.8	
Panamera 3.6 4	[MCW.AA] [MCX.NA]					A25 07.13- A25 07.13-	115998 115998	12 1.8 12 1.8	
Panamera 4.8 4S	[M48.40]					A25 09.09-	115998	12 1.8	
Panamera 4.8 GTS	[M48.40]					A25 01.12-	115998	12 1.8	
Panamera 4.8 S	[M48.20]					A25 09.09-	115998	12 1.8	
Panamera 4.8 Turbo	[M48.70] [MCW.CA]					A25 09.09- A25 01.14-	115998 115998	12 1.8 12 1.8	
<b>PASSENGER CARS US</b>									
911 3.0 SC		01.78- 01.83	110931	14 70					
911 3.2 Speedster		01.89- 01.89	112693	14 115					
911 3.3 Turbo	[930.6] [930.66]	01.82- 01.82 01.81- 01.85	110931 110931	14 70 14 70					
911 3.6 Carrera	[M96.05]	01.91- 01.92 08.04- 07.05	112693 115678	14 115 14 150					
911 3.6 Carrera 2		01.90- 01.93	112693	14 115					
911 3.6 Carrera 4		01.94- 01.98	112693	14 115					
911 3.6 Carrera 4 Turbo Look		01.89- 01.98	112693	14 115					
911 3.6 CARRERA 4S		01.93-	112693	14 115					
911 3.6 RS America		01.96- 01.98	112693	14 115					
911 3.6 Speedster		01.81- 01.85	110931	14 70					
911 3.6 Targa		01.91- 01.92	112693	14 115					
911 3.6 Targa		01.94- 01.94	112693	14 115					
911 3.6 Targa		01.94- 01.97	112693	14 115					
911 3.6 Targa		01.98- 01.98	112693	14 115					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.


**PORSCHE** *Continued*

911 3.6 Turbo		01.94- 01.97	112693	14	115				
911 3.6 Turbo Look		01.92- 01.94	112693	14	115				
914 1.7						01.70- 01.73	110363	12	0.7
914 1.8						01.74- 01.75	110363	12	0.7
924 2.0		01.77- 01.82	111139	14	75	01.77- 01.82	110997	12	0.8
924 2.0 Turbo		01.80- 01.82	111139	14	75				
928 4.5		01.81- 01.82	111139	14	75				
928 4.7 S		01.83- 01.84	111139	14	75				
930 3.3 Turbo		01.78- 01.79	110931	14	70				
911 Cabriolet 3.6 Carrera	[M96.05]	04.05- 07.05	115678	14	150				
Macan 3.0 Diesel						02.14-	115948	12	2.2
<b>PASSENGER CARS AO</b>									
911 3.6 S		08.04- 08.05	115835	14	120				
911 3.8 Carrera S	[M97.01S]	08.05- 12.08	115678	14	150	08.05-	114316	12	1.7
911 3.8 Carrera S S4	[M97.01S]	08.05- 12.08	115678	14	150	08.05-	114316	12	1.7
Cayenne 3.2 S4						08.03-	116039	12	1.7
<b>Proton</b>									
<b>PASSENGER CARS EU</b>									
Aeroback 1.5						01.91- 11.96	110315	12	0.9
Persona 313 1.3 i	[G13B]	03.96-	111375	14	75				
Persona 315 1.5 GLi / GLSi	[4G15M]	03.96-	111309	14	75	12.95-	110158	12	1.2
						03.96-	110315	12	0.9
Persona 315 1.5 GLSi	[G15B]	09.96-	111309	14	75				
Persona 316 1.6	[4G92]	03.96-	111309	14	75	03.96-	110315	12	0.9
Persona 316 1.6 GLXi	[4G92]	03.96-	111309	14	75				
Persona 318 1.8 GTi 16V	[4G93]	03.96-	111375	14	75				
Persona 413 1.3	[4G13]					01.94-	110315	12	0.9
Persona 413 1.3 GLSi	[4G13]					01.94-	110315	12	0.9
Persona 415 1.5	[4G15]	01.94-	111309	14	75	01.94-	110315	12	0.9
Persona 416 1.6 GLXi	[4G92]	01.94-	111309	14	75	01.94-	110315	12	0.9
		AT 01.94-	111375	14	75				
Persona 416 1.6 i	[4G92]	12.95-	111375	14	75	12.95-	110315	12	0.9
		AT 12.95-	111309	14	75				
Persona 418 1.8	[4G93 (DOHC)]	05.96-	111375	14	75				
Persona 418 1.8 GLXi	[4G93]	05.96-	111375	14	75				
Persona 420 2.0 Diesel	[4D68T]					09.96-	110809	12	2.0
						09.96-	111912	12	2.2
Persona 420 2.0 Diesel GLS	[4D68]	05.96-	111375	14	75	05.96-	110809	12	2.0
						05.96-	111912	12	2.2
						01.91- 11.96	110315	12	0.9
Saloon 1.5									
Satria 1.5	[4G15]	07.00-	111375	14	75				
Wira 1.3	[4G13]	08.00-	111375	14	75				
Wira 1.5	[4G15]	08.00-	111375	14	75				
	[4G15M]	08.00-	111375	14	75				
<b>Puch (Steyr-Daimler)</b>									
<b>PASSENGER CARS EU</b>									
230 GE 2.3	[M102.981]					04.82- 08.85	110862	12	1.5
	[M102.987]					09.85- 08.92	110862	12	1.5
250 GD 2.5	[OM602.930]					10.87- 12.92	114319	24	2.5
300 GD 3.0	[OM603.931]					09.89-	114319	24	2.5
G 290 td 2.9	[OM602.983]					07.97-	114319	24	2.5
<b>Renault</b>									
<b>PASSENGER CARS EU</b>									
Avantime 2.0 Turbo 16V	[F4R760]	09.01- 12.03	113245	14	125	11.01- 05.03	114814	12	0.9
	[F4R761]	09.01- 12.03	113245	14	125	11.01- 05.03	114814	12	0.9
Avantime 2.2 DCi	[G9T712]	12.01- 12.03	113245	14	125	05.02-	112475	12	2.1
Avantime 3.0 V6	[L7X720]					09.01- 05.03	115354	12	1.3
	[L7X721]					09.01- 05.03	115354	12	1.3
Captur 0.9 TCe 90	[H4B400]	06.13-	116095*	14	90				
Captur 1.5 dCi	[K9K608]					06.13-	113897	12	1.4
						06.13-	115624	12	1.2
	[K9K609]					06.13-	113897	12	1.4
Captur 1.5 DCi 110	[K9K646]					01.15-	113897	12	1.4
Clio 0.9 TCe 90	[H4B400]	11.12-	116095*	14	90				
Clio 0.9 TCe Grandtour 90	[H4B400]	01.13-	116095*	14	90				
Clio 1.0		06.01- 04.05	113403	14	75	06.01- 04.05	111641	12	0.7
Clio 1.1	[C1E700]	06.90- 03.96	111082	14	60	06.90- 03.96	110585	12	1.2
		06.90- 03.96	112728	14	55				
	[D7F720]	03.98- 09.99	112165	14	75	03.98-	111641	12	0.7
	[D7F746]	09.98-	113403	14	75	10.99-	111641	12	0.7
Clio 1.1 Hi-Flex	[D4F740]	07.08-	114131	14	90	07.08-	111641	12	0.7
		07.08-	115653*	14	110				
Clio 1.2	[C3G720]	09.95- 03.96	111082	14	60	01.96- 12.96	110585	12	1.2
		09.95- 03.96	112728	14	55	06.94- 02.98	111251	12	1.1
	[D4F706]	06.01- 10.03	113403	14	75	06.01- 10.03	111641	12	0.7
		06.01- 10.03	115549	14	95	06.01- 10.03	114095	12	0.85
	[D7F720]	03.98- 09.99	112165	14	75	03.98-	111641	12	0.7
		09.98-	113577	14	75				
	[D7F726]	09.98-	113577	14	75	10.99-	111641	12	0.7
		10.99- 03.00	112165	14	75				
	[D7F730]	01.96- 09.98	113577	14	75	04.96- 09.98	111641	12	0.7
		04.96- 09.98	112165	14	75				
	[D7F746]	05.00-	113403	14	75	09.98-	111641	12	0.7
		09.98- 10.99	112165	14	75				
		09.98-	113577	14	75				
	[D7F764]	09.98-	112165	14	75	09.98-	111641	12	0.7
		09.98-	113577	14	75				
	[D7F766]	09.98-	112165	14	75	09.98-	111641	12	0.7
		09.98-	113577	14	75				
	[E5F710]					05.90- 03.96	110585	12	1.2
	[E7F700]					06.90- 03.94	111251	12	1.1
	[E7F706]	06.90- 02.98	111325	14	70	06.90- 02.98	111251	12	1.1
		01.91- 02.98	112756	14	60				
	[E7F708]	06.90- 02.98	111325	14	70	06.90- 02.98	111251	12	1.1
		06.90- 02.98	112756	14	60				



	[E7F750]	01.94- 02.98	111325	14 70		01.94- 02.98	111251	12 1.1
		01.94- 02.98	112756	14 60				
Clio 1.2 16V	[D4F706]	06.01-	113403	14 75		06.01-	111641	12 0.7
		06.01-	115549	14 95				
	[D4F712]	06.01-	113403	14 75		06.01-	111641	12 0.7
		06.01-	115549	14 95				
	[D4F714]	06.01-	113403	14 75		03.00-	111641	12 0.7
		06.01-	115549	14 95				
	[D4F722]	06.01-	113403	14 75		06.01-	111641	12 0.7
		06.01-	115549	14 95				
	[D4F728]	06.01-	113403	14 75		06.01-	111641	12 0.7
		06.01-	115549	14 95				
	[D4F740]	06.05-	113403	14 75		06.05-	111641	12 0.7
	06.05-	114131	14 90		06.05-	114095	12 0.85	
	06.05-	115653*	14 110					
[D4F764]	06.05-	113403	14 75		06.05-	111641	12 0.7	
	06.05-	114131	14 90					
	06.05-	115653*	14 110					
[D4F784]	05.07-	114131	14 90		05.07-	111641	12 0.7	
	05.07-	115653*	14 110					
[D4F786]	09.10-	114131	14 90		09.10-	111641	12 0.7	
	09.10-	115653*	14 110					
Clio 1.2 16V Grandtour	[D4F740]	11.12-	115653*	14 110		11.12-	111641	12 0.7
	[D4F786]	09.10-	114131	14 90		09.10-	111641	12 0.7
		09.10-	115653*	14 110				
Clio 1.2 i	[C3G720]	09.95- 03.96	111082	14 60		09.95- 03.96	110585	12 1.2
		09.95- 03.96	112728	14 55				
Clio 1.2		07.08-	114131	14 90		07.08-	111641	12 0.7
		07.08-	115653*	14 110				
Clio 1.2 16V Hi-Flex	[D4F740]	07.08-	114131	14 90		07.08-	111641	12 0.7
		07.08-	115653*	14 110				
	[D4F742]	07.08-	114131	14 90		07.08-	111641	12 0.7
		07.08-	115653*	14 110				
Clio 1.4	[E7J601]	01.91- 09.98	111325	14 70		01.91- 09.98	111251	12 1.1
		01.91- 09.98	112756	14 60				
		PS 01.91- 09.98	111325	14 70				
	[E7J634]					09.98- 05.05	115442	12 0.8
	[E7J718]	06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60				
		PS 06.91- 02.98	111325	14 70				
	[E7J719]	06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60				
		PS 06.91- 02.98	111325	14 70				
	[E7J754]	06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60				
		PS 06.91- 02.98	111325	14 70				
	[E7J756]	04.96- 02.98	111934	14 80		04.96- 02.98	111251	12 1.1
[E7J757]	04.96- 02.98	111934	14 80		04.96- 02.98	111251	12 1.1	
[E7J780]					09.98- 05.05	115442	12 0.8	
[K7J700]					09.98- 05.05	115442	12 0.8	
Clio 1.4 16V	[K4J710]	08.00-	112144	14 98		08.00-	112218	12 1.0
		08.00-	112199	14 75				
	[K4J711]	08.00-	112144	14 98		08.00-	112218	12 1.0
		08.00-	112199	14 75				
	[K4J712]	10.99-	112199	14 75		10.99-	112218	12 1.0
		PS 10.99-	112199	14 75		10.99- 08.00	115442	12 0.8
		AC 10.99-	112144	14 98				
	[K4J713]	10.99-	112199	14 75		10.99-	112218	12 1.0
		PS 10.99-	112199	14 75		10.99- 08.00	115442	12 0.8
		AC 10.99-	112144	14 98				
[K4J780]	06.05-	114463	14 120		06.05-	114057	12 1.1	
	06.05-	115382	14 120		06.05-	115640*	12 1.0	
Clio 1.4 i	[E7J601]	06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60				
	[E7J710]	06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60				
	[E7J711]	06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
	06.90- 02.98	112756	14 60					
Clio 1.5 dCi	[K9K608]					11.12-	115624	12 1.2
	[K9K700]	06.01-	114673	14 120		06.01-	113927	12 1.1
			112457	14 110				
		AC 06.01-	113248	14 120				
		AC 06.01-	114673	14 120				
	[K9K702]	06.01-	112457	14 110		06.01- 10.03	113927	12 1.1
		06.01-	113248	14 120				
		06.01- 10.03	113862	14 125				
		06.01- 10.03	113940	14 110 A47, A49				
		06.01- 10.03	114673	14 120				
	[K9K704]	06.01- 12.06	112457	14 110		06.01- 12.06	113927	12 1.1
		06.01-	114673	14 120				
		AC 06.01-	113248	14 120				
		AC 06.01- 12.06	114673	14 120				
	[K9K710]	06.01- 10.04	113862	14 125		06.01- 10.04	113927	12 1.1
		06.01- 10.04	113940	14 110 A47, A49				
		06.01- 10.04	114673	14 120				
	[K9K712]	01.04-	113940	14 110 A47, A49		01.04-	113897	12 1.4
		01.04-	113945	14 150				
	[K9K714]	06.05-	114463	14 120		06.05-	113897	12 1.4
		06.05-	114721	14 150				
	[K9K718]	02.07-	114673	14 120		02.07-	113897	12 1.4
	[K9K740]	06.05-	114463	14 120		06.05-	113927	12 1.1
	06.05-	114721	14 150					
[K9K752]	05.05- 10.06	114463	14 120		05.05- 10.06	113927	12 1.1	
	06.05-	114721	14 150		06.05-	113897	12 1.4	
[K9K764]	06.05-	114463	14 120		06.05-	113897	12 1.4	
	06.05-	114721	14 150					

## STARTERS & ALTERNATORS

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RENAULT Continued

	[K9K766]	06.05-	114463	14 120	06.05-	113897	12 1.4
		06.05-	114721	14 150			
	[K9K768]	06.05-	114463	14 120	06.05-	113897	12 1.4
		06.05-	114721	14 150			
	[K9K770]	08.10-	114463	14 120	08.10-	113897	12 1.4
		08.10-	114721	14 150	08.10-	113927	12 1.1
	[K9K772]	06.05-	114463	14 120	06.05-	113897	12 1.4
		06.05-	114721	14 150			
Clio 1.5 dCi Grandtour	[K9K608]				11.12-	113897	12 1.4
					11.12-	115624	12 1.2
	[K9K612]	11.12-	113987	14 140			
Clio 1.5 Diesel	[K9K714]	08.04-	113862	14 125	08.04-	113897	12 1.4
		08.04-	113940	14 110			A47, A49
		08.04-	113945	14 150			
		08.04-	114463	14 120			
Clio 1.6	[K7M744]	10.99-	112199	14 75	11.99-	112295	12 1.7
					09.98-	115442	12 0.8
		AC 10.99-	112144	14 98	03.98- 05.05	111251	12 1.1
	[K7M745]	10.99-	112199	14 75	11.99-	112295	12 1.7
					09.98- 05.05	115442	12 0.8
		AC 10.99-	112144	14 98	03.98- 05.05	111251	12 1.1
Clio 1.6 Flex		05.00- 12.06	112144	14 98	05.00- 12.06	112218	12 1.0
		05.00- 12.06	112199	14 75			
Clio 1.6 RS	[M5M400]				03.13-	115341	12 1.0
	[M5M450]				03.13-	115341	12 1.0
Clio 1.6 16V	[K4M708]	08.00-	112144	14 98	08.00-	112218	12 1.0
		08.00-	112199	14 75			
		09.98-	115711	14 120			
	[K4M740]	09.98-	112144	14 98	09.98-	112218	12 1.0
		09.98-	112199	14 75			
		09.98-	115711	14 120			
	[K4M742]	09.98-	112144	14 98	09.98-	112218	12 1.0
		09.98-	112199	14 75			
		09.98-	115711	14 120			
	[K4M743]	09.98-	112144	14 98	09.98-	112218	12 1.0
		09.98-	112199	14 75			
		09.98-	115711	14 120			
	[K4M744]	09.98-	112144	14 98	09.98-	112218	12 1.0
		09.98-	112199	14 75			
		09.98-	115711	14 120			
	[K4M745]	09.98-	112144	14 98	09.98-	112218	12 1.0
		09.98-	112199	14 75			
		09.98-	115711	14 120			
	[K4M748]	09.98-	112144	14 98	09.98-	112218	12 1.0
		09.98-	112199	14 75			
		09.98-	115711	14 120			
	[K4M800]	06.05-	112144	14 98	06.05-	114057	12 1.1
		06.05-	114463	14 120	06.05-	115640*	12 1.0
		06.05-	115382	14 120			
	[K4M801]	06.05-	114463	14 120	02.08-	114057	12 1.1
		06.05-	115382	14 120	06.05-	115640*	12 1.0
	[K4M804]	06.05-	112144	14 98	06.05-	114057	12 1.1
		06.05-	114463	14 120	06.05-	115640*	12 1.0
		06.05-	115382	14 120			
	[K4M862]	11.08-	115411	14 110	11.08-	114057	12 1.1
					11.08-	115640*	12 1.0
Clio 1.6 16V GT	[K4M862]	06.09-	115411	14 110	06.09-	114057	12 1.1
					06.09-	115728	12 1.2
					06.09-	115842	12 1.0
Clio 1.6 Hi-Flex	[K4M748]	01.05- 02.10	112144	14 98	01.05- 02.10	112218	12 1.0
		01.05- 02.10	112199	14 75	01.05- 02.10	113932	12 0.85
Clio 1.7	[F2N770]				06.90- 03.96	110585	12 1.2
Clio 1.8	[F3P710]				06.90- 07.94	110585	12 1.2
					06.90- 02.98	111251	12 1.1
	[F3P714]				06.90- 07.94	110585	12 1.2
					06.90- 04.96	111251	12 1.1
	[F3P754]				01.94- 02.98	111251	12 1.1
	[F3P755]				01.94- 02.98	111251	12 1.1
Clio 1.8 RSi	[F3P758]				01.94- 02.98	111251	12 1.1
Clio 1.8 16V	[F7P722]				A13 03.91- 02.96	112295	12 1.7
					08.91- 03.96	110585	12 1.2
					03.91- 02.96	113481	12 1.4
Clio 1.8 i	[F3P712]				01.93- 08.95	110585	12 1.2
					07.92- 03.96	111251	12 1.1
Clio 1.9 Diesel	[F8Q630]	03.98-	111718	14 75	09.98-	112295	12 1.7
		03.98-	112059	14 110	03.98-	113481	12 1.4
		AC 03.98-	112059	14 110			
	[F8Q676]				05.96- 02.98	113481	12 1.4
	[F8Q678]				01.97-	112295	12 1.7
					01.97-	113481	12 1.4
	[F8Q696]				05.96- 02.98	113481	12 1.4
	[F8Q730]	06.90- 04.91	112769	14 60	06.90- 02.98	112295	12 1.7
					06.90- 03.96	113481	12 1.4
	[F8Q732]	06.90- 04.91	112769	14 60	06.90- 02.98	112295	12 1.7
					06.90- 02.98	113481	12 1.4
Clio 1.9 DTi	[F9Q780]	11.99-	111718	14 75	02.00-	112295	12 1.7
		11.99-	112470	14 110			
Clio 2.0 16V	[F4R736]	06.01-	111718	14 75			
		AC 06.01-	112059	14 110			
	[F7R700]				01.94- 09.98	112295	12 1.7
					07.92- 03.96	113481	12 1.4
	[M4R700]				09.06-	115341	12 1.0
	[M4R701]				09.06-	115341	12 1.0
Clio 2.0 16V Sport	[F4R730]	02.00-	112059	14 110	02.00-	113761	12 0.9
	[F4R738]	01.04-	111718	14 75			

## STARTERS & ALTERNATORS



	[F4R830]					02.06-	114814	12	0.9
						02.06-	115698	12	1.1
Clio 3.0 V6 Sport	[L7X760]					11.00- 12.02	115354	12	1.3
	[L7X762]					12.02-	115354	12	1.3
Espace 1.9 DCi	[F9Q680]					11.02-	112474	12	1.8
	[F9Q820]					11.02-	112474	12	1.8
	[F9Q826]					11.02-	112474	12	1.8
Espace 1.9 DTi	[F9Q722]	AC 02.99-	111719	14	120	02.99-	113481	12	1.4
		AC 02.99-	112458	14	120 A47				
Espace 2.0	[F3R728]	PS 11.96- 10.00	111722	14	75	11.96- 06.97	111251	12	1.1
		AC 11.96- 10.00	112679	14	110				
	[F3R729]	11.96- 10.00	112679	14	110	11.96- 10.97	111251	12	1.1
		PS 11.96- 10.00	111722	14	75				
		AC 11.96- 10.00	112679	14	110				
	[F3R742]	11.96- 10.00	113403	14	75	02.98- 10.02	111251	12	1.1
	[F3R768]	11.96- 10.00	113403	14	75	10.96- 10.02	111251	12	1.1
	[F3R769]	11.96- 10.00	113403	14	75	10.96- 10.02	111251	12	1.1
	[F4R700]	AC 09.01- 10.02	112144	14	98				
	[F4R701]	09.01- 10.02	112144	14	98				
	[F4R790]					11.02- 02.05	114814	12	0.9
	[F4R792]					11.02-	114814	12	0.9
	[F4R796]					04.05-	114814	12	0.9
						04.05-	115698	12	1.1
	[F4R797]					04.05-	114814	12	0.9
					04.05-	115698	12	1.1	
[F4R896]					04.05-	114814	12	0.9	
					04.05-	115698	12	1.1	
[F4R897]					04.05-	114814	12	0.9	
					04.05-	115698	12	1.1	
[J6R234]					07.84- 12.87	111063	12	1.2	
[J6R236]	10.88- 12.90	111171	14	70	07.86- 12.90	111063	12	1.2	
[J6R734]	10.88- 04.91	111171	14	70	01.88- 04.91	111063	12	1.2	
[J7R768]	04.91- 10.96	111171	14	70	04.91- 10.96	111063	12	1.2	
	AC 04.91- 10.96	111319	14	105					
Espace 2.0 16V	[F4R700]	10.98-	112144	14	98				
		10.98-	112199	14	75				
		AC 10.98-	111718	14	75				
	[F4R701]	AC 07.00- 10.02	112144	14	98				
Espace 2.0 i	[J7R760]	01.89- 04.91	111171	14	70	01.89- 04.91	111063	12	1.2
Espace 2.0 i 4x4	[J7R760]	03.88- 04.91	111171	14	70	03.88- 04.91	111063	12	1.2
Espace 2.0 Turbo	[F4R794]					11.02-	114814	12	0.9
	[F4R795]					11.02-	114814	12	0.9
	[F4R796]					11.02-	114814	12	0.9
	[F4R797]					11.02-	114814	12	0.9
	[F4R896]					06.05-	114814	12	0.9
	[F4R897]					06.05-	114814	12	0.9
Espace 2.0 DCi	[M9R740]	01.06-	114509	14	150	01.06-	114074	12	2.2
	[M9R750]	01.06-	114509	14	150	01.06-	114074	12	2.2
	[M9R760]					01.06-	114074	12	2.2
	[M9R761]	01.06-	114509	14	150	01.06-	114074	12	2.2
	[M9R762]	01.06-	114509	14	150	01.06-	114074	12	2.2
	[M9R763]	01.06-	114509	14	150	01.06-	114074	12	2.2
	[M9R802]	01.06-	114509	14	150				
	[M9R815]	01.06-	114509	14	150	01.06-	114074	12	2.2
Espace 2.1 TD	[J8S240]					10.84- 12.90	111114	12	3.1
	[J8S610]	06.92- 08.96	111171	14	70	06.92- 08.96	111114	12	3.1
		AC 06.92- 08.96	111319	14	105				
	[J8S612]	11.94- 08.96	111171	14	70	11.94-	111114	12	3.1
		AC 11.94- 08.96	111319	14	105				
	[J8S772]	01.91- 10.93	111171	14	70	01.91- 10.93	111114	12	3.1
		AC 01.91- 10.93	111319	14	105				
	[J8S774]					06.89- 12.90	111114	12	3.1
	[J8S776]	01.91- 08.96	111171	14	70	01.91- 08.96	111114	12	3.1
		AC 01.91- 08.96	111319	14	105				
[J8S778]	06.92- 08.96	111171	14	70	06.92- 08.96	111114	12	3.1	
	AC 06.92- 08.96	111319	14	105					
Espace 2.2	[J7T770]	10.88- 12.90	111171	14	70	07.86- 12.90	111063	12	1.2
	[J7T772]	01.91- 10.96	111171	14	70	01.91- 10.96	111063	12	1.2
		AC 01.91- 10.96	111319	14	105				
	[J7T773]	01.91- 10.96	111171	14	70	01.91- 10.96	111063	12	1.2
		AC 01.91- 10.96	111319	14	105				
[J7T776]	05.93- 10.96	111171	14	70	05.93- 10.96	111063	12	1.2	
	AC 05.93- 10.96	111319	14	105					
Espace 2.2 4x4	[J7T770]	10.88- 12.90	111171	14	70	01.88- 12.90	111063	12	1.2
	[J7T772]	03.91- 12.96	111171	14	70	03.91- 12.96	111063	12	1.2
		AC 03.91- 12.96	111319	14	105				
	[J7T773]	03.91- 12.96	111171	14	70	03.91- 12.96	111063	12	1.2
	AC 03.91- 12.96	111319	14	105					
Espace 2.2 DCi	[G9T642]	10.00-	112471	14	125	10.00-	112475	12	2.1
		10.00-	113245	14	125				
	[G9T645]					02.06-	114161	12	2.4
	[G9T710]	10.00-	112471	14	125	10.00-	112475	12	2.1
		10.00-	113245	14	125				
	[G9T742]					11.02-	114161	12	2.4
[G9T743]					11.02-	114161	12	2.4	
Espace 2.2 TD	[G8T714]	11.96- 10.02	112679	14	110				
	[G8T716]	11.96- 10.02	112679	14	110				
	[G8T760]	11.96- 10.00	112679	14	110				
Espace 3.0 DCi	[P9X701]					11.02-	114526	12	2.0
	[P9X715]	01.06-	115704	14	150	01.06-	114526	12	2.0
		01.06-	115813	14	150				
Espace 3.5 V6	[V4Y711]	11.02-	114301	14	150	11.02-	115686	12	1.4
	[V4Y715]					11.02-	115686	12	1.4
Fluence 1.5 DCi	[K9K826]	07.14-	114463	14	120	07.14-	113897	12	1.4
		07.14-	114721	14	150				
	[K9K830]	02.10-	114721	14	150	02.10-	113897	12	1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



RENAULT Continued

	[K9K832]	06.05-	114721	14 150	06.05-	113897	12 1.4
	[K9K834]	02.10-	114721	14 150	02.10-	113897	12 1.4
	[K9K836]	02.10-	114721	14 150	02.10-	113897	12 1.4
	[K9K837]	02.10-	114721	14 150	02.10-	113897	12 1.4
Fluence 1.6 16V	[K4M838]	02.10-	114463	14 120	02.10-	113932	12 0.85
		02.10-	115382	14 120			
	[K4M839]	02.10-	114463	14 120	02.10-	113932	12 0.85
		02.10-	115382	14 120			
Fluence 1.6 DCi	[R9M402]	07.14-	114826	14 185	07.14-	115829	12 1.8
Fuego 1.4	[847720]				10.81- 06.85	110856	12 0.6
Fuego 1.6	[A2M723]	04.83- 10.85	111082	14 60			
Fuego 2.0	[829710]				10.80- 10.85	111063	12 1.2
	[J6R710]				10.80- 10.85	111063	12 1.2
	[J6R712]				10.80- 10.85	111063	12 1.2
	[J6R713]				10.80- 10.85	111063	12 1.2
	[J6R715]				10.80- 10.85	111063	12 1.2
	[J6R726]				10.80- 10.85	111063	12 1.2
Fuego 2.1 TD	[J8S712]				08.82- 10.85	111114	12 3.1
Grand Kangoo 1.2 TCe TCe 115	[H5F400]	07.13-	115356	14 150			
		07.13-	115921	14 120			
Grand Kangoo 1.5 dCi	[K9K608]	11.12-	114721	14 150	11.12-	113897	12 1.4
	[K9K802]	11.12-	114721	14 150	11.12-	113897	12 1.4
	[K9K804]	02.08-	114721	14 150	02.08-	113897	12 1.4
	[K9K808]	11.12-	114721	14 150	11.12-	113897	12 1.4
Grand Kangoo 1.5 DCi 110	[K9K636]	03.13-	114463	14 120	03.13-	113897	12 1.4
		03.13-	115431	14 150			
Grand Scénic 1.2 TCe	[H5F400]	04.12-	115356	14 150			
		04.12-	115921	14 120			
	[H5F404]	01.13-	115356	14 150			
		01.13-	115921	14 120			
Grand Scénic 1.4 16V	[H4J700]				02.09-	115685	12
Grand Scénic 1.5 DCi	[K9K636]	04.09-	114463	14 120	04.09-	113897	12 1.4
		04.09-	114721	14 150			
	[K9K728]	04.04-	113940	14 110 A47, A49	04.04-	113897	12 1.4
		04.04-	113945	14 150			
	[K9K729]	04.04-	113940	14 110 A47, A49	04.04-	113897	12 1.4
		04.04-	113945	14 150			
	[K9K734]	06.06- 11.08	114354	14 150	06.06- 11.08	113897	12 1.4
	[K9K830]	04.09-	114721	14 150	04.09-	113897	12 1.4
	[K9K832]	02.09-	113940	14 110 A47, A49	02.09-	113897	12 1.4
		02.09-	113945	14 150			
	[K9K836]	04.09-	114463	14 120	04.09-	113897	12 1.4
		04.09-	114721	14 150	04.09-	115624	12 1.2
	[K9K837]	04.09-	114463	14 120	04.09-	113897	12 1.4
		04.09-	114721	14 150	04.09-	115624	12 1.2
	[K9K846]	11.10-	114463	14 120	11.10-	113897	12 1.4
		11.10-	114721	14 150			
	[K9KP732]	05.05-	113940	14 110 A47, A49	08.07-	113897	12 1.4
	08.07-	113945	14 150				
	08.07-	114354	14 150				
Grand Scénic 1.6	[K4M761]	04.04-	113940	14 110 A47, A49	04.04-	113932	12 0.85
		04.04-	113945	14 150			
		04.04-	115716	14 150			
		04.04-	115766	14 110			
	[K4M782]	04.04-	113940	14 110 A47, A49	04.04-	113932	12 0.85
		04.04-	113945	14 150			
		04.04-	115716	14 150			
		04.04-	115766	14 110			
	[K4M788]	06.06-	113940	14 110 A47, A49	06.06-	113932	12 0.85
		06.06-	113945	14 150			
	06.06-	115766	14 110				
Grand Scénic 1.6 16V	[K4M858]	02.09-	115382	14 120	02.09-	115728	12 1.2
Grand Scénic 1.6 DCi	[R9M402]	04.11-	114826	14 185	04.11-	115829	12 1.8
	[R9M404]	04.11-	114826	14 185	04.11-	115829	12 1.8
Grand Scénic 1.6 Flexfuel	[K4M866]	02.09-	115382	14 120	02.09-	115728	12 1.2
					02.09-	115842	12 1.0
Grand Scénic 1.9 dCi	[F9Q803]	05.05- 01.09	112144	14 98	05.05- 01.09	112474	12 1.8
		05.05- 01.09	113919	14 125			
	[F9Q804]	05.05- 01.09	112144	14 98	05.05- 01.09	112474	12 1.8
		05.05- 01.09	113919	14 125			
	[F9Q812]	04.04-	113718	14 70	04.04- 01.09	112474	12 1.8
		04.04- 01.09	113919	14 125			
		05.05- 01.09	112144	14 98			
	[F9Q816]	05.05-	113718	14 70	05.05-	112474	12 1.8
		05.05-	113919	14 125	05.05-	115974	12 2.4
		05.05-	114039	14 120			
	[F9Q818]	05.05-	113718	14 70	05.05-	112474	12 1.8
		05.05-	113919	14 125	05.05-	115974	12 2.4
	[F9Q870]	02.09-	115921	14 120	02.09-	114869	12 1.4
		02.09-	116066*	14 120			
	[F9Q872]	02.09-	115921	14 120	02.09-	114869	12 1.4
	02.09-	116066*	14 120				
[F9QE804]	05.05-	113945	14 150	05.05-	112474	12 1.8	
				05.05-	115974	12 2.4	
[F9QEE804]	05.05-	113718	14 70	05.05-	112474	12 1.8	
	05.05-	113919	14 125	05.05-	115974	12 2.4	
[F9QJ803]	05.05-	113718	14 70	05.05-	112474	12 1.8	
	05.05-	113919	14 125	05.05-	115974	12 2.4	
Grand Scénic 2.0	[F4R770]	04.04-	113919	14 125	04.04-	114814	12 0.9
		04.04-	114039	14 120			
	[F4R771]	04.04-	113919	14 125	04.04-	114814	12 0.9
		04.04-	114039	14 120			
[F4R776]	04.04-	113919	14 125	04.04-	114814	12 0.9	
	04.04-	114039	14 120				
Grand Scénic 2.0 16V	[M4R711]				02.09-	115341	12 1.0



Grand Scénic 2.0 DCi	[M9R700]	09.05- 09.05-	114768 115857*	14 120 14 150	09.05-	114074	12 2.2		
	[M9R721]	09.05- 09.05-	114768 115857*	14 120 14 150	09.05-	114074	12 2.2		
	[M9R722]	09.05- 09.05-	114768 115857*	14 120 14 150	09.05-	114074	12 2.2		
Kadjar 1.2 Tce 130	[H5F408]	06.15-	115921	14 120					
Kadjar 1.5 DCi 110	[K9K646]				06.15-	113897	12 1.4		
	[K9K647]				06.15-	113897	12 1.4		
Kangoo 1.2	[D7F710]	10.97-	112165	14 75	10.97- 04.98	111641	12 0.7		
	[D7F720]	03.98-	113403	14 75	03.98-	111641	12 0.7		
	[D7F722]	03.98-	113403	14 75	03.98-	111641	12 0.7		
	[D7F726]	03.98-	113403	14 75	03.98-	111641	12 0.7		
	[D7F744]	03.98-	113403	14 75	03.98-	111641	12 0.7		
	[D7F746]	03.98-	113403	14 75	03.98-	111641	12 0.7		
			03.98-	113577	14 75				
Kangoo 1.2 Express	[D7F710]	10.97- 03.98-	112165 113577	14 75 BO 14 75	10.97-	111641	12 0.7		
	[D7F720]	03.98-	113403	14 75	03.98-	111641	12 0.7		
	[D7F722]	03.98-	113403	14 75	03.98-	111641	12 0.7		
	[D7F726]	03.98-	113403	14 75	03.98-	111641	12 0.7		
	[D7F744]	03.98-	113403	14 75	03.98-	111641	12 0.7		
	[D7F746]	03.98-	113403	14 75	03.98-	111641	12 0.7		
Kangoo 1.2 16V	[D4F712]	06.01- 06.01-	113403 115549	14 75 14 95	06.01-	111641	12 0.7		
	[D4F714]	06.01- 06.01-	113403 115549	14 75 14 95	05.00-	111641	12 0.7		
	[D4F716]	06.01- 06.01-	113403 115549	14 75 14 95	05.00-	111641	12 0.7		
Kangoo 1.2 16V Express	[D4F712]	10.01- 10.01-	113403 115549	14 75 14 95	10.01-	111641	12 0.7		
	[D4F714]	10.01- 10.01-	113403 115549	14 75 14 95	05.00-	111641	12 0.7		
	[D4F730]	10.01- 10.01-	113403 115549	14 75 14 95	05.00-	111641	12 0.7		
Kangoo 1.2 TCe Express TCe 115	[H5F400]	07.13- 07.13-	115356 115921	14 150 14 120					
Kangoo 1.4	[E7J634]	09.98- AC 09.98-	112199 112144	14 75 14 98	08.97- 09.98-	115442 11251	12 0.8 12 1.1		
	[E7J635]	03.98- AC 09.98-	112199 112144	14 75 14 98	09.98-	11251	12 1.1		
	[E7J780]				10.97- 03.98-	11251 115442	12 1.1 12 0.8		
	[K7J700]	06.00- AC 06.00-	112199 112144	14 75 14 98	08.97- 06.00-	115442 11251	12 0.8 12 1.1		
	[K7J701]	06.00- AC 06.00-	112199 112144	14 75 14 98	08.97- 06.00-	115442 11251	12 0.8 12 1.1		
Kangoo 1.4 Express	[E7J634]	09.98- AC 09.98-	112199 112144	14 75 14 98	08.97-	115442	12 0.8		
	[E7J635]	09.98- AC 09.98-	112199 112144	14 75 14 98	08.97-	115442	12 0.8		
	[E7J780]				10.97-	11251	12 1.1		
	[K7J701]	06.00- AC 06.00-	112199 112144	14 75 14 98	08.97-	115442	12 0.8		
Kangoo 1.5 dCi	[K9K700]	12.01- 04.05- 06.10 04.05- 06.10 04.05- 06.10 AC 05.00-	114673 112457 113862 113940 113248	14 120 14 110 14 125 14 110 A47, A49 14 120	04.05- 06.10 12.01-	113897 113927	12 1.4 12 1.1		
	[K9K702]	02.01- 07.02- 06.10 07.02- 04.05- 06.10 04.05- 06.10	113248 113862 114673 112457 113940	14 120 14 125 14 120 14 110 14 110 A47, A49	07.02- 04.05- 06.10	113927 113897	12 1.1 12 1.4		
	[K9K704]	12.01- 07.03- 07.03- AC 05.00-	114673 113862 113940 113248	14 120 14 125 14 110 A49 14 120	12.01- 07.03-	113927 113897	12 1.1 12 1.4		
	[K9K710]	07.02- 07.02- AC 02.01-	113862 114673 113248	14 125 14 120 14 120	07.02-	113927	12 1.1		
	[K9K714]	06.05- 06.05-	112457 113862	14 110 14 125	06.05-	113897	12 1.4		
	[K9K718]	06.05- 06.05-	112457 113862	14 110 14 125	06.05-	113897	12 1.4		
	[K9K800]	02.08-	114721	14 150	02.08-	113897	12 1.4		
	[K9K802]	02.08-	114721	14 150	02.08-	113897	12 1.4		
	[K9K804]	02.08-	114721	14 150	02.08-	113897	12 1.4		
	[K9K806]	02.08-	114721	14 150	02.08-	113897	12 1.4		
	[K9K808]	06.09-	114721	14 150	06.09-	113897	12 1.4		
	[K9K840]	02.08-	114721	14 150	02.08-	113897	12 1.4		
	Kangoo 1.5 DCi 110	[K9K804]	09.10-	114721	14 150	09.10- 09.10-	113897 115624	12 1.4 12 1.2	
	Kangoo 1.5 DCi Be Bop	[K9K806]	02.09-	114721	14 150	02.09-	113897	12 1.4	
		[K9K808]	06.09-	114721	14 150	06.09-	113897	12 1.4	
	Kangoo 1.5 DCi Express	[K9K636]	09.13-	114463	14 120	09.13-	113897	12 1.4	
		[K9K700]	12.01- AC 05.00-	114673 113248	14 120 14 120	12.01-	113927	12 1.1	
		[K9K702]	02.01- 12.01- 04.03- AC 05.00-	113248 114673 113862 113248	14 120 14 120 14 125 14 120	12.01-	113927	12 1.1	
		[K9K704]	12.01- AC 05.00-	114673 113248	14 120 14 120	12.01-	113927	12 1.1	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

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	[K9K710]	04.03-	113862	14 125	04.03-	113927	12 1.1
		04.03-	114673	14 120			
		AC 02.01-	113248	14 120			
	[K9K714]	06.05-	113862	14 125	06.05-	113897	12 1.4
	[K9K716]	10.05-	113862	14 125	10.05-	113897	12 1.4
		10.05-	113940	14 110 A49, A47			
		10.05-	116048	14 110			
	[K9K718]	06.05-	112457	14 110	06.05-	113897	12 1.4
		06.05-	113862	14 125			
		06.05-	114673	14 120			
	[K9K800]	02.08-	114721	14 150	02.08-	113897	12 1.4
	[K9K802]	02.08-	114721	14 150	02.08-	113897	12 1.4
	[K9K804]	09.10-	114721	14 150	09.10-	113897	12 1.4
	[K9K806]	02.08-	114721	14 150	02.08-	113897	12 1.4
	[K9K808]	09.10-	114721	14 150	09.10-	113897	12 1.4
Kangoo 1.6	[K7M750]				02.08-	114180	12 0.8
Kangoo 1.6 Be Bop	[K4M830]	02.09-	114882	14 110	02.09-	113932	12 0.85
		02.09-	115411	14 110			
Kangoo 1.6 Express	[K7M750]				02.08-	114180	12 0.8
Kangoo 1.6 16V	[K4M750]				09.01-	112218	12 1.0
					09.05-	113932	12 0.85
	[K4M752]	09.01-	112199	14 75	09.01-	112218	12 1.0
					09.05-	113932	12 0.85
	[K4M753]				09.01-	112218	12 1.0
					09.05-	113932	12 0.85
	[K4M830]	02.08-	114882	14 110	02.08-	113932	12 0.85
		02.08-	115411	14 110			
	[K4M831]	02.08-	114882	14 110	02.08-	113932	12 0.85
		02.08-	115411	14 110			
Kangoo 1.6 16V 4x4	[K4M750]	PS 10.01-	112199	14 75	09.01-	112218	12 1.0
		AC 10.01-	112144	14 98			
	[K4M752]	PS 10.01-	112199	14 75	09.01-	112218	12 1.0
		AC 10.01-	112144	14 98			
	[K4M753]	PS 10.01-	112199	14 75	09.01-	112218	12 1.0
		AC 10.01-	112144	14 98			
Kangoo 1.6 16V Express	[K4M752]	02.01-	112199	14 75	09.01-	112218	12 1.0
		AC 02.01-	112144	14 98			
	[K4M830]	02.08-	114882	14 110	02.08-	113932	12 0.85
		02.08-	115411	14 110			
Kangoo 1.6 16V Express 4x4	[K4M750]	PS 10.01-	112199	14 75	06.00-	112218	12 1.0
		AC 10.01-	112144	14 98			
	[K4M752]	PS 10.01-	112199	14 75	06.00-	112218	12 1.0
		AC 10.01-	112144	14 98			
	[K4M753]	PS 10.01-	112199	14 75	09.01-	112218	12 1.0
		AC 10.01-	112144	14 98			
Kangoo 1.6 16V Express LPG	[K4M834]	02.08-	114882	14 110	02.08-	113932	12 0.85
		02.08-	115411	14 110			
Kangoo 1.6 16V Bivalent Express	[K4M850]				06.05-	115442	12 0.8
Kangoo 1.6 16V Hi-Flex Hi-Flex	[K4M834]	02.08-	114882	14 110	02.08-	113932	12 0.85
		02.08-	115411	14 110			
	[K4M850]	02.08-	114882	14 110	02.08-	113932	12 0.85
		02.08-	115411	14 110			
Kangoo 1.9 DCi 4x4	[F9Q782]				10.01-	113930	12 1.4
	[F9Q790]				10.03-	113929	12 1.2
					10.01-	113930	12 1.4
Kangoo 1.9 DCi Express	[F9Q790]				07.03-	112295	12 1.7
Kangoo 1.9 DCi Express 4x4	[F9Q782]				10.01-	113929	12 1.2
					10.01-	113930	12 1.4
	[F9Q790]	07.03-	111718	14 75	10.01-	113930	12 1.4
					10.01-	113929	12 1.2
Kangoo 1.9 Diesel	[F8Q630]	08.97-	112059	14 110	10.97-	113481	12 1.4
		09.97-	111718	14 75	10.97-	112295	12 1.7
		03.98-	112470	14 110			
		AC 09.97-	112059	14 110			
	[F8Q632]				03.98-	112295	12 1.7
	[F8Q662]	08.97-	112059	14 110	10.97-	113481	12 1.4
		09.97-	111718	14 75	10.97-	112295	12 1.7
		03.98-	112470	14 110			
		AC 09.97-	112059	14 110			
Kangoo 1.9 Diesel Express	[F8Q630]	09.97-	111718	14 75	10.97-	112295	12 1.7
		03.98-	112470	14 110	10.97-	113481	12 1.4
		AC 09.97-	112059	14 110			
	[F8Q632]				03.98-	112295	12 1.7
	[F8Q662]	09.97-	111718	14 75	10.97-	112295	12 1.7
		03.98-	112470	14 110	10.97-	113481	12 1.4
		AC 09.97-	112059	14 110			
Kangoo 1.9 DTi	[F9Q780]	02.00-	111718	14 75	02.00-	112295	12 1.7
		02.00-	112470	14 110	02.00-	113481	12 1.4
		AC 02.00-	112059	14 110			
Kangoo 1.9 DTi Express	[F9Q780]	02.00-	111718	14 75	02.00-	112295	12 1.7
		02.00-	112470	14 110	02.00-	113481	12 1.4
		AC 02.00-	112059	14 110			
	[F9Q782]				02.00-	112295	12 1.7
					02.00-	113929	12 1.2
Koleos 2.0 DCi 4x4	[M9R832]	09.08-	114842*	14 150	09.08-	114074	12 2.2
	[M9R855]	09.08-	114842*	14 150	09.08-	114074	12 2.2
	[M9R856]	09.08-	114842*	14 150	09.08-	114074	12 2.2
	[M9R862]	09.08-	114842*	14 150	09.08-	114074	12 2.2
	[M9R865]	09.08-	114842*	14 150	09.08-	114074	12 2.2
	[M9R866]	09.08-	114842*	14 150	09.08-	114074	12 2.2
Laguna 1.5 DCi	[K9K780]				10.07-	113897	12 1.4
	[K9K846]	03.12-	114463	14 120	03.12-	113897	12 1.4
		03.12-	114721	14 150			
Laguna 1.6 16V	[K4M710]	03.01-	112144	14 98	03.01-	112218	12 1.0
		03.01-	112470	14 110			
		AC 03.01-	112144	14 98			

## STARTERS & ALTERNATORS



	[K4M716]	02.05-	115711	14 120		02.05-	113932	12 0.85
	[K4M720]	11.97-	112144	14 98		11.97-	112218	12 1.0
		11.97-	112199	14 75				
		AC 11.97-	112144	14 98				
	[K4M724]	AC 05.98- 02.01	112144	14 98		11.97- 02.01	112218	12 1.0
	[K4M824]	10.07-	115382	14 120		10.07-	115728	12 1.2
						10.07-	115842	12 1.0
Laguna 1.8	[F3P670]	09.95-	111722	14 75 A27		09.95- 04.97	111251	12 1.1
		AC 09.95- 04.98	112679	14 110 A27, A28		A13 09.95-	113481	12 1.4
	[F3P674]					06.95- 02.01	111251	12 1.1
	[F3P676]					06.95- 06.98	111251	12 1.1
	[F3P678]					A13 01.94-	113481	12 1.4
		AC 01.94- 11.95	112679	14 110 A27, A28		01.94- 03.01	111251	12 1.1
	[F3P720]	11.95-	111722	14 75		A13 11.93- 11.95	113481	12 1.4
		AC 11.93- 11.95	112679	14 110		11.93- 03.01	111251	12 1.1
	[F3P724]	05.95-	111722	14 75 A27		11.93- 03.01	111251	12 1.1
		AC 11.93- 04.98	112679	14 110 A27, A28		A13 11.93-	113481	12 1.4
Laguna 1.8 RT	[F3P670]	08.95-	111722	14 75 A27		08.95- 04.97	111251	12 1.1
		AC 08.95- 04.98	112679	14 110 A27, A28		A13 08.95-	113481	12 1.4
	[F3P678]					A13 01.94-	113481	12 1.4
		AC 01.94- 01.96	112679	14 110 A28, A27		01.94- 03.01	111251	12 1.1
	[F3P720]					A13 01.94-	113481	12 1.4
		AC 01.94-	112679	14 110		08.95- 03.01	111251	12 1.1
	[F3P724]					A13 01.94-	113481	12 1.4
		AC 01.94-	112679	14 110		08.95- 03.01	111251	12 1.1
Laguna 1.8 16V	[F4P760]	04.98-	111718	14 75				
		04.98-	112144	14 98				
		04.98-	112470	14 110				
		AC 04.98-	112144	14 98				
	[F4P770]	03.01-	111718	14 75		03.01-	113761	12 0.9
		03.01-	112144	14 98		03.01- 09.07	114814	12 0.9
		03.01-	112470	14 110				
		03.01-	112471	14 125				
		03.01- 09.07	113245	14 125				
		03.01-	113248	14 120				
		03.01-	113249	14 125				
		AC 03.01-	113249	14 125				
	[F4P771]	03.01-	113245	14 125		03.01-	113761	12 0.9
		03.01- 08.02	113249	14 125				
	[F4P772]					03.01-	113761	12 0.9
						03.01-	114814	12 0.9
	[F4P773]	03.01-	112471	14 125		03.01-	113761	12 0.9
		03.01-	113245	14 125				
		03.01- 08.02	113249	14 125				
		AC 03.01-	113249	14 125				
	[F4P774]	03.01- 09.07	113245	14 125		03.01- 09.07	114814	12 0.9
		03.01- 08.02	113249	14 125		03.01-	113761	12 0.9
	[F4P775]	03.01- 09.07	113245	14 125		03.01-	113761	12 0.9
		03.01- 08.02	113249	14 125		03.01- 09.07	114814	12 0.9
Laguna 1.9 DCi	[F9Q650]	03.01-	112471	14 125		03.01-	112474	12 1.8
		03.01-	113248	14 120				
	[F9Q664]	08.03- 09.07	114700	14 150		08.03- 09.07	112474	12 1.8
	[F9Q670]	03.01-	112471	14 125		03.01-	112474	12 1.8
		03.01-	113248	14 120				
	[F9Q674]	03.01-	112471	14 125		03.01-	112474	12 1.8
		03.01-	113248	14 120				
		01.05-	114700	14 150				
	[F9Q718]	03.01-	114353	14 150		09.99-	112474	12 1.8
		09.99-	112458	14 120 A47				
		09.99-	112471	14 125				
		09.99- 03.01	113248	14 120				
	[F9Q750]	03.01-	112471	14 125		03.01-	112474	12 1.8
		03.01-	113248	14 120				
	[F9Q752]	03.01-	113248	14 120		06.01-	114814	12 0.9
		06.01-	112471	14 125		03.01-	112474	12 1.8
		AC 06.01-	114353	14 150		06.01-	115974	12 2.4
	[F9Q754]	03.01-	113248	14 120		03.01-	112474	12 1.8
		03.01-	114353	14 150				
		10.01-	112471	14 125				
		AC 10.01-	114353	14 150				
	[F9Q756]	03.01-	113248	14 120		03.01-	112474	12 1.8
		03.01-	114353	14 150				
	[F9Q758]	01.05- 09.07	114700	14 150		01.05- 09.07	112474	12 1.8
	[F9Q759]	05.05- 09.07	114700	14 150		08.05- 09.07	112474	12 1.8
Laguna 1.9 TDi	[F9Q710]	AC 10.97- 03.01	112458	14 120 A47		10.97- 03.01	112295	12 1.7
	[F9Q716]					10.97-	113481	12 1.4
		AC 10.97-	111719	14 120		10.97- 03.01	112295	12 1.7
	[F9Q717]	10.97- 03.01	111719	14 120		10.97- 03.01	112295	12 1.7
Laguna 2.0	[F3R611]	01.99- 02.01	112679	14 110		A13 01.99- 03.01	111251	12 1.1
						A13 01.99-	113481	12 1.4
	[F3R722]	07.95- 02.01	111722	14 75 A27		11.93- 03.01	111251	12 1.1
		AC 11.93- 02.01	112679	14 110 A27, A28		A13 11.93-	113481	12 1.4
	[F3R723]	07.95- 02.01	111722	14 75 A27		11.93- 03.01	111251	12 1.1
		AC 11.93- 02.01	112679	14 110 A27, A28		A13 11.93-	113481	12 1.4
	[F3R768]					06.95- 02.01	111251	12 1.1
	[F4R800]	03.08-	115920	14 150		03.08-	114814	12 0.9
						03.08-	115698	12 1.1
Laguna 2.0 GT	[F4R800]	03.08-	115920	14 150		03.08-	114814	12 0.9
						03.08-	115698	12 1.1
Laguna 2.0 16V Turbo	[F4R811]	10.07-	115920	14 150		10.07-	114814	12 0.9
						10.07-	115698	12 1.1
	[F4Rt811]	09.08-	115920	14 150		09.08-	114814	12 0.9
						09.08-	115698	12 1.1
Laguna 2.0 16V	[F4R712]	A22 06.01- 08.02	113245	14 125		08.02-	114814	12 0.9
		A22 09.02-	113249	14 125				

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	[F4R713]	09.02-	113249	14 125		08.02-	114814	12 0.9
		A22 06.01- 08.02	113245	14 125				
		A22 09.02-	113249	14 125				
	[F4R714]	08.02- 09.07	113837	14 150		08.02- 09.07	114814	12 0.9
		08.02-	114122	14 150				
		A22 06.01- 08.02	113245	14 125				
		A22 09.02-	113249	14 125				
	[F4R715]	10.04- 09.07	113837	14 150		08.02- 09.07	114814	12 0.9
		A22 06.01- 08.02	113245	14 125		09.01-	113761	12 0.9
		A22 09.02-	113249	14 125				
	[F4R780]	09.99- 02.01	111718	14 75		09.99- 03.01	113605	12 1.1
		09.99- 02.01	112144	14 98				
		09.99- 02.01	112470	14 110				
		09.99- 03.01	112557	14 120				
		AC 09.99- 03.01	112144	14 98				
	[F4R784]	01.05-	113837	14 150		01.05-	114814	12 0.9
	[F4R786]					01.05-	114814	12 0.9
	[F4R787]					01.05-	114814	12 0.9
	[F4R886]	01.05-	113837	14 150		01.05-	114814	12 0.9
	[F4R887]	01.05-	113837	14 150		01.05-	114814	12 0.9
	[M4R704]					10.07-	115341	12 1.0
	[N7Q700]	06.95- 02.01	112557	14 120		06.95- 03.01	113605	12 1.1
	[N7Q704]	06.95- 02.01	112557	14 120		06.95- 03.01	113605	12 1.1
Laguna 2.0 iDE 16V	[F5R700]	04.01-	113245	14 125		04.01-	114814	12 0.9
	[F5R701]	04.01-	113245	14 125		04.01-	114814	12 0.9
Laguna 2.0 Turbo 16V	[F4R764]	07.02-	113245	14 125		01.03-	114814	12 0.9
		01.03-	114122	14 150				
	[F4R765]	07.02-	113245	14 125		01.03-	114814	12 0.9
		01.03-	114122	14 150				
	[F4R786]	01.03-	113837	14 150		01.03-	114814	12 0.9
	[F4R787]	01.03-	113837	14 150		01.03-	114814	12 0.9
Laguna 2.0 Turbo	[F4R886]					01.05- 09.07	114814	12 0.9
	[F4R887]					01.05- 09.07	114814	12 0.9
Laguna 2.0 16V Hi-Flex	[M4R704]					10.07-	115341	12 1.0
Laguna 2.0 16V Hi-Flex Grandtour	[M4R704]					10.07-	115341	12 1.0
	[M4R726]					10.07-	115341	12 1.0
Laguna 2.0 DCi	[M9R700]	08.05-	114509	14 150		08.05-	114074	12 2.2
		08.05-	115711	14 120		08.05-	115354	12 1.3
	[M9R740]	08.05-	114509	14 150		08.05-	115354	12 1.3
		08.05-	115711	14 120		08.05-	114074	12 2.2
	[M9R742]					10.07-	114074	12 2.2
	[M9R744]					10.07-	114074	12 2.2
	[M9R760]	01.06-	114509	14 150		01.06-	114074	12 2.2
	[M9R800]					01.08-	114074	12 2.2
	[M9R802]					10.07-	114074	12 2.2
	[M9R809]					01.08-	114074	12 2.2
	[M9R815]					01.08-	114074	12 2.2
	[M9R816]					03.08-	114074	12 2.2
	[M9R820]					03.08-	114074	12 2.2
Laguna 2.0 DCi GT	[M9R816]					03.08-	114074	12 2.2
	[M9R820]					03.08-	114074	12 2.2
Laguna 2.2 DCi	[G9T600]	05.05-	114122	14 150		05.05-	114161	12 2.4
	[G9T605]	05.05-	114122	14 150		05.05-	114161	12 2.4
	[G9T700]	03.01- 02.03	113245	14 125		10.01-	112475	12 2.1
		10.01-	114122	14 150		10.01-	114161	12 2.4
	[G9T702]	03.01- 02.03	113245	14 125		10.01-	112475	12 2.1
		10.01-	114122	14 150		10.01-	114161	12 2.4
	[G9T706]	05.05-	114122	14 150		05.05-	114161	12 2.4
	[G9T707]	05.05-	114122	14 150		05.05-	114161	12 2.4
Laguna 2.2 Diesel	[G8T752]	02.94-	112679	14 110 A27, A28				
		AC 11.93-	112679	14 110				
	[G8T760]	03.96-	112679	14 110				
	[G8T794]	02.94-	112679	14 110 A27, A28				
		AC 11.93-	112679	14 110				
Laguna 2.2 TD	[G8T760]	03.96-	112679	14 110				
Laguna 3.0 V6 24V	[L7X731]					AT 03.01-	115354	12 1.3
Laguna 3.5 V6	[V4Y713]					04.08-	115686	12 1.4
Latitude 1.5 dCi	[K9K782]					07.10-	113897	12 1.4
Latitude 2.0 DCi	[M9R804]					05.11-	114074	12 2.2
	[M9R817]					05.11-	114074	12 2.2
	[M9R844]					05.11-	114074	12 2.2
						02.11-	114074	12 2.2
Latitude 2.0 DCi 150	[M9R824]					02.11-	114074	12 2.2
	[M9R846]					02.11-	114074	12 2.2
Logan 1.1 16V		12.13-	115549	14 95		12.13-	114095	12 0.85
Logan 1.1 Flexfuel LPG		12.13-	115549	14 95		12.13-	114095	12 0.85
Logan 1.5 dCi	[K9K796]	02.08-	113862	14 125		02.08-	113897	12 1.4
		02.08-	113940	14 110 A49, A47				
		02.08-	116048	14 110				
		06.11-	113862	14 125				
		06.11-	113940	14 110 A47, A49				
Logan 1.6	[K4M690]	04.07-	115766	14 110		04.07-	113932	12 0.85
Logan 1.6 MCV	[K4M697]	04.07-	115766	14 110		04.07-	113932	12 0.85
Master 1.9 DCi 80	[F9Q772]	11.01-	113248	14 120		11.01-	112474	12 1.8
		AC 11.01-	112471	14 125				
	[F9Q774]	11.01-	113248	14 120		11.01-	112474	12 1.8
		AC 11.01-	112471	14 125				
Master 2.2 DCi 90	[G9T720]	09.00-	113248	14 120		09.00-	112475	12 2.1
		AC 09.00-	112471	14 125				
	[G9T722]	09.00-	113248	14 120		09.00-	112475	12 2.1
		AC 09.00-	112471	14 125				
	[G9T750]	09.00-	113248	14 120		09.00-	112475	12 2.1
		AC 09.00-	112471	14 125				
Master 2.3 DCi	[M9T670]	02.10-	114826	14 185		02.10-	114074	12 2.2
		02.10-	115356	14 150				

## STARTERS &amp; ALTERNATORS



	[M9T672]	02.10- 02.10-	114826 115356	14 185 14 150		02.10-	114074	12 2.2
	[M9T676]	02.10- 02.10-	114826 115356	14 185 14 150		02.10-	114074	12 2.2
	[M9T678]	02.10- 02.10-	114826 115356	14 185 14 150		02.10-	114074	12 2.2
	[M9T680]	02.10- 02.10-	114826 115356	14 185 14 150		02.10-	114074	12 2.2
	[M9T686]	02.10-	115356	14 150		02.10-	114074	12 2.2
	[M9T690]	02.10- 02.10-	114826 115356	14 185 14 150		02.10-	114074	12 2.2
	[M9T692]	02.10- 02.10-	114826 115356	14 185 14 150		02.10-	114074	12 2.2
	[M9T694]	02.10-	114826	14 185		02.10-	114074	12 2.2
	[M9T696]	02.10- 02.10-	114826 115356	14 185 14 150		02.10-	114074	12 2.2
	[M9T698]	02.10- 02.10-	114826 115356	14 185 14 150		02.10-	114074	12 2.2
	[M9T700]	07.14-	115356	14 150		07.14-	114074	12 2.2
	[M9T870]	02.10- 02.10-	114826 115356	14 185 14 150		02.10-	114074	12 2.2
	[M9T880]	10.12-	114826	14 185		10.12-	114074	12 2.2
	[M9T890]	02.10- 02.10-	114826 115356	14 185 14 150		02.10-	114074	12 2.2
	[M9T896]	02.10- 02.10-	114826 115356	14 185 14 150		02.10-	114074	12 2.2
	[M9T898]	03.13-	114826	14 185		03.13-	114074	12 2.2
Master 2.3 DCi FWD	[M9T670]	02.10-	115356	14 150		02.10-	114074	12 2.2
	[M9T672]	02.10-	115356	14 150		02.10-	114074	12 2.2
	[M9T676]	02.10-	115356	14 150		02.10-	114074	12 2.2
	[M9T698]	02.10-	115356	14 150		02.10-	114074	12 2.2
	[M9T702]	07.14-	114826	14 185		07.14-	114074	12 2.2
	[M9T870]	02.10-	115356	14 150		02.10-	114074	12 2.2
	[M9T890]	02.10-	115356	14 150		02.10-	114074	12 2.2
	[M9T896]	02.10-	115356	14 150		02.10-	114074	12 2.2
Master 2.5 DCi	[G9U632]	08.06- 08.06-	113837 114700	14 150 14 150		08.06-	112475	12 2.1
	[G9U650]	08.06- 08.06-	113837 114700	14 150 14 150		08.06-	112475	12 2.1
	[G9U754]	08.06- 08.06-	113837 114700	14 150 14 150				
Master 2.5 DCi 100	[G9U754]	10.03- 10.03-	113837 114122	14 150 14 150		10.03-	112475	12 2.1
Master 2.5 DCi 120	[G9U754]	10.01- 10.01-	113837 114122	14 150 14 150				
Master 2.5 DCi 90	[G9U720]	10.01- 10.01- AC 10.01-	113248 113837 113245	14 120 14 150 14 125		10.01-	112475	12 2.1
	[G9U724]	AC 10.01-	113245	14 125		10.01-	112475	12 2.1
Master 2.5 Diesel	[S8U770]	09.97- 09.97-	111937 112057	14 75 14 110		07.98-	112103	12 2.2
Master 2.8 Diesel	[S9W702]	09.97- 09.97-	111937 112057	14 75 14 110		07.98-	112103	12 2.2
Master 2.8 DTi	[S9W702]	09.97- 09.97-	111937 112057	14 75 14 110		09.97-	112103	12 2.2
Master 3.0 DCi	[ZD3600]	06.05- 06.05-	113993 115317	14 135 14 120		06.05-	114032	12 2.5
	[ZD3A604]	06.05- 06.05-	113993 115317	14 135 14 120		06.05-	114032	12 2.5
Master 3.0 DCi 140	[ZD3200]	10.03- 10.03-	113993 115317	14 135 14 120		10.03-	114032	12 2.5
	[ZD3202]	10.03- 10.03-	113993 115317	14 135 14 120		10.03-	114032	12 2.5
Master 28-35 2.0	[829730]					10.82- 09.86	111063	12 1.2
	[829731]					08.80- 10.86	111063	12 1.2
	[J5R718]					10.86- 09.94	111063	12 1.2
	[J5R728]					10.86- 09.94	111063	12 1.2
Master 28-35 2.1 Diesel	[J8S330]	08.80- 07.98	111072	14 50		08.80- 09.94	111114	12 3.1
Master 28-35 2.4 Diesel	[8140.61.2300]	08.80- 08.89	110889	14 75		08.80- 08.89	110814	12 2.7
	[S8U731]	08.80- 08.89	110889	14 75		01.85- 08.89	113134	12 2.2
						08.80- 08.89	110814	12 2.7
						01.85- 08.89	113134	12 2.2
Master 28-35 2.5 Diesel	[8140.61.2300]	09.80- 07.98	110889	14 75		09.80- 07.98	110814	12 2.7
	[8140.67.2510]	08.89- 07.98	110889	14 75		01.85- 07.98	113134	12 2.2
	[S8U731]	09.80- 07.98	110889	14 75		08.89- 07.98	113134	12 2.2
	[S8U742]	08.89- 07.98	110889	14 75		09.80- 07.98	110814	12 2.7
						01.85- 07.98	113134	12 2.2
Master 28-35 2.5 TD	[8140.27.2580]	03.89- 07.98	110889	14 75		08.89- 07.98	113134	12 2.2
	[S9U702]	03.89- 07.98	110889	14 75		08.89- 07.98	113134	12 2.2
Master 30 2.2	[J7T782]					08.80- 07.98	111063	12 1.2
	[J7T788]					01.94- 09.94	111063	12 1.2
Master 35 2.5 TD	[8140.27.2500]	08.89- 07.98	110889	14 75		08.89- 07.98	113134	12 2.2
	[8140.27.2510]	08.89- 07.98	110889	14 75		08.89- 07.98	113134	12 2.2
	[S9U714]	08.89- 07.98	110889	14 75		08.89- 07.98	113134	12 2.2
Megane 1.2 TCe	[H5F400]	03.12- 03.12-	115356 115921	14 150 14 120				
	[H5F404]	01.13- 01.13-	115356 115921	14 150 14 120				
Megane 1.2 Tce 100	[H5F408]	11.15-	115921	14 120				
Megane 1.2 Tce 130	[H5F408]	11.15-	115921	14 120				
Megane 1.4	[E7J626]	03.99- 10.02 AC 03.99- 10.02	112199 112144	14 75 14 98		09.96- 08.03 09.99-	115442 113481	12 0.8 12 1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





RENAULT Continued

	[E7J764]	06.97-	111934	14 80		01.96- 09.03 02.99- 09.96- 08.03	111251 113481 115442	12 1.1 12 1.4 12 0.8
	[K4J730]	08.03- 08.03- 08.03-	113940 113945 115716	14 110 A47, A49 14 150 14 150		08.03-	113932	12 0.85
	[K4J732]	09.03-	113940	14 110 A47, A49		09.03-	113932	12 0.85
	[K4J740]	08.03- 08.03- 08.03-	113940 113945 115716	14 110 A47, A49 14 150 14 150		08.03-	113932	12 0.85
Megane 1.4 ECO	[E7J624]	06.97-	111934	14 80		02.96- 03.99 01.96- 03.99	111251 115442	12 1.1 12 0.8
Megane 1.4 16V	[H4J700]					04.09-	115685	12
	[K4J714]	05.00- 09.03 03.99- 08.03 AC 05.00- 09.03 A22 03.99- 08.03	112199 115711 112144 115711	14 75 14 120 14 98 14 120		03.99- 03.99- 09.03 03.99-	113761 112218 113932	12 0.9 12 1.0 12 0.85
	[K4J730]	11.02- 11.02- 11.02-	113940 113945 115716	14 110 A47 14 150 14 150		11.02- 11.02-	112218 113932	12 1.0 12 0.85
	[K4J732]	10.03-	113940	14 110 A47, A49		10.03-	113932	12 0.85
	[K4J740]	11.02- 11.02- 11.02-	113940 113945 115716	14 110 A49, A47 14 150 14 150		11.02- 11.02-	112218 113932	12 1.0 12 0.85
	[K4J750]	03.99- 03.99- 03.99- 08.03 AC 03.99- A22 03.99-	112144 112199 115711 112144 112144	14 98 14 75 14 120 14 98 14 98		03.99- 03.99- 03.99-	112218 113761	12 1.0 12 0.9
Megane 1.4 i	[E7J626]	06.97- AC 01.96- 10.02	111934 112144	14 80 14 98		03.99- 10.02 01.96- 09.03	115442 111251	12 0.8 12 1.1
	[E7J764]	06.97-	111934	14 80		01.96- 09.03 01.96- 08.03	111251 115442	12 1.1 12 0.8
Megane 1.5 DCi	[K9K636]	02.09-	114721	14 150		02.09- 02.09-	113897 115624	12 1.4 12 1.2
	[K9K722]	11.02- 11.02- 08.03- 09.03- 09.03- 09.03-	113940 113945 114673 114354 114882 115711	14 110 A47, A49 14 150 14 120 14 150 14 110 14 120		11.02-	113927	12 1.1
	[K9K724]	05.05- 05.05- 05.05-	113940 114354 114882	14 110 A47, A49 14 150 14 110		05.05-	113897	12 1.4
	[K9K728]	10.03- 10.03- 10.03- 02.04- 02.04- 02.04-	113940 113945 114354 114673 114721 114882	14 110 A47, A49 14 150 14 150 BO 14 120 14 150 14 110		10.03-	113897	12 1.4
	[K9K729]	10.03- 10.03- 10.03- 02.04- 02.04- 02.04-	113940 113945 114354 114673 114721 114882	14 110 A47, A49 14 150 14 150 BO 14 120 14 150 14 110		10.03-	113897	12 1.4
	[K9K732]	02.04- 02.04- 02.04- 05.05- 05.05- 03.06- 01.07-	114354 114673 114754 114721 114882 113940 112471	14 150 14 120 14 120 14 150 14 110 14 110 A47, A49 14 125		02.04-	113897	12 1.4
	[K9K734]	05.05- 05.05- 01.07-	114354 114721 114882	14 150 14 150 14 110		05.05-	113897	12 1.4
	[K9K830]	11.08-	114721	14 150		11.08- 03.09-	113897 114721	12 1.4
	[K9K832]	02.09-	114721	14 150		02.09-	113897	12 1.4
	[K9K834]	05.09-	114721	14 150		05.09-	113897	12 1.4
	[K9K836]	02.09-	114721	14 150		02.09- 02.09-	113897 115624	12 1.4 12 1.2
	[K9K837]	02.09-	114721	14 150		02.09- 02.09-	113897 115624	12 1.4 12 1.2
	[K9K846]	02.09- 11.13-	114721 114463	14 150 14 120		02.09- 02.09-	115624 113897	12 1.2 12 1.4
	[K9KH834]	11.08-	114721	14 150		11.08-	113897	12 1.4
	[K9KJ836]	02.09-	114721	14 150		02.09-	113897	12 1.4
Megane 1.5 DCi 110	[K9K656]					04.16-	113897	12 1.4
	[K9K657]					04.16-	113897	12 1.4
Megane 1.5 DCi 90	[K9K656]					11.15-	113897	12 1.4
Megane 1.6	[K4M760]	08.03- 08.03- 08.03- 08.03-	113940 113945 115716 115766	14 110 A47, A49 14 150 14 150 14 110		08.03-	113932	12 0.85
	[K4M761]	08.03- 08.03- 08.03- 08.03-	113940 113945 115716 115766	14 110 A47, A49 14 150 14 150 14 110		08.03-	113932	12 0.85
	[K4M762]	05.05- 05.05-	115382 115716	14 120 14 150		05.05-	113932	12 0.85
	[K7M702]	06.97- 03.99	111934	14 80 A27		10.96- 09.03	111251	12 1.1
	[K7M703]	06.97- 03.99	111934	14 80 A27		10.96- 03.99	111251	12 1.1
Megane 1.6 Classic	[K7M704]					02.00- 09.00 02.00- 09.00	111251 115442	12 1.1 12 0.8



Megane 1.6 E	[K7M702]	01.96-03.99	111934	14 80	A27	01.96-08.03	111251	12 1.1
		AC 03.99-	111934	14 80	A27	01.96-	112218	12 1.0
	[K7M703]	01.96-03.99	111934	14 80	A27	01.96-09.03	111251	12 1.1
		AC 03.99-	111934	14 80	A27			
	[K7M790]					01.96-03.99	111251	12 1.1
Megane 1.6 16V Flex-Fuel	[K4M762]	02.08-	114882	14 110		02.08-	113932	12 0.85
		02.08-	115411	14 110				
	[K4M856]	02.08-	114882	14 110		02.08-	113932	12 0.85
		02.08-	115411	14 110				
Megane 1.6 16V	[K4M C813]	01.07-	114882	14 110		01.07-	113932	12 0.85
		01.07-	115382	14 120				
		01.07-	115411	14 110				
		01.07-	115766	14 110				
	[K4M D812]	01.07-	114882	14 110		01.07-	113932	12 0.85
		01.07-	115382	14 120				
		01.07-	115411	14 110				
		01.07-	115766	14 110				
	[K4M700]	03.99-	112144	14 98		03.99-	112218	12 1.0
		03.99-	112199	14 75				
		03.99-08.03	115711	14 120				
		AC 03.99-	112144	14 98				
		A22 03.99-	112144	14 98				
	[K4M701]	08.98-09.03	112199	14 75		08.98-09.03	112218	12 1.0
		03.99-08.03	115711	14 120				
		AC 08.98-09.03	112144	14 98				
	[K4M704]	03.99-10.02	112199	14 75		03.99-10.02	112218	12 1.0
		AC 03.99-10.02	112144	14 98				
	[K4M708]	03.99-09.03	112199	14 75		03.99-09.03	112218	12 1.0
		03.99-	115711	14 120				
		AC 03.99-09.03	112144	14 98				
	[K4M760]	11.02-	113940	14 110	A49, A47	11.02-	113932	12 0.85
		11.02-	113945	14 150		11.02-	112218	12 1.0
		11.02-	115716	14 150				
		11.02-	115766	14 110				
		01.07-	114882	14 110				
		01.07-	115382	14 120				
	01.07-	115411	14 110					
[K4M761]	01.07-	115382	14 120		01.07-	113932	12 0.85	
	01.07-	115411	14 110					
	01.07-	115766	14 110					
[K4M812]	05.05-	115716	14 150		05.05-	113932	12 0.85	
	05.05-	115766	14 110					
	01.07-	114882	14 110					
	01.07-	115382	14 120					
	01.07-	115411	14 110					
[K4M813]	01.07-	114882	14 110		01.07-	113932	12 0.85	
	01.07-	115382	14 120					
	01.07-	115411	14 110					
	01.07-	115766	14 110					
[K4M848]					11.08-	113932	12 0.85	
[K4M858]	11.08-	115382	14 120		11.08-	115728	12 1.2	
					11.08-	115842	12 1.0	
[K4M866]	11.08-	115382	14 120		11.08-	115728	12 1.2	
					11.08-	115842	12 1.0	
[K4MP848]					11.08-	113932	12 0.85	
Megane 1.6 FlexFuel	[K4M788]	01.07-	114882	14 110	01.07-	113932	12 0.85	
		01.07-	115411	14 110				
Megane 1.6 i	[K7M720]	06.97-03.99	111934	14 80	01.96-03.99	111251	12 1.1	
Megane 1.6 Hi-Flex		03.06-	114882	14 110	03.06-	113932	12 0.85	
		03.06-	115411	14 110				
Megane 1.6 16V Bifuel	[K4M866]	11.08-	115382	14 120	11.08-	115728	12 1.2	
					11.08-	115842	12 1.0	
Megane 1.6 DCi	[R9M402]	04.11-	114826	14 185	04.11-	115829	12 1.8	
	[R9M404]	04.11-	114826	14 185	04.11-	115829	12 1.8	
Megane 1.8 16V	[F4P720]	05.00-09.03	112144	14 98	01.01-	113761	12 0.9	
		AC 03.99-10.02	112144	14 98				
	[F4P722]	05.00-09.03	112144	14 98	01.01-	113761	12 0.9	
		AC 03.99-10.02	112144	14 98				
Megane 1.9 DCi	[F9Q732]	02.01-10.02	111718	14 75	03.99-07.03	113930	12 1.4	
		02.01-10.02	112470	14 110	02.01-	113929	12 1.2	
		AC 02.01-	112458	14 120	A47			
	[F9Q733]	02.01-08.03	112458	14 120	A47	02.01-	113930	12 1.4
		AC 02.01-	112458	14 120	A47			
	[F9Q738]	02.01-	111718	14 75	02.01-	113930	12 1.4	
		AC 02.01-	112458	14 120	A47			
	[F9Q800]	11.02-	113919	14 125	11.02-	112474	12 1.8	
		08.03-	113940	14 110	A47, A49			
		09.03-	113837	14 150				
		09.03-	114039	14 120				
		09.03-	115310	14 110				
		05.05-	112144	14 98				
	[F9Q803]	05.05-	113837	14 150	05.05-	112474	12 1.8	
		05.05-	113919	14 125	05.05-	113897	12 1.4	
		05.05-	114039	14 120	05.05-	115974	12 2.4	
	05.05-	115310	14 110					
	05.05-	115419	14 110					
[F9Q804]	05.05-	112144	14 98	05.05-	112474	12 1.8		
	05.05-	113837	14 150	05.05-	113897	12 1.4		
	05.05-	113919	14 125	05.05-	115974	12 2.4		
	05.05-	114039	14 120					
	05.05-	115310	14 110					
[F9Q808]	11.02-12.05	113919	14 125	10.03-	112474	12 1.8		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

RENAULT Continued

	[F9Q816]	05.05-	113837	14 150		05.05-	112474	12 1.8
		05.05-	113919	14 125		05.05-	115974	12 2.4
		05.05-	114039	14 120				
		05.05-	115310	14 110				
		05.05-	115419	14 110				
	[F9Q818]	05.05-	112144	14 98		05.05-	112474	12 1.8
		05.05-	113837	14 150		05.05-	115974	12 2.4
		05.05-	113919	14 125				
		05.05-	113949	14 150				
		05.05-	114039	14 120				
		05.05-	115310	14 110				
		05.05-	115419	14 110				
	[F9Q870]	11.08-	115921	14 120		11.08-	114869	12 1.4
		11.08-	116066*	14 120				
	[F9Q872]	11.08-	115921	14 120		11.08-	114869	12 1.4
		11.08-	116066*	14 120				
Megane 1.9 DCi Coach	[F9Q732]					03.99- 09.00	113930	12 1.4
Megane 1.9 Diesel	[F8Q620]	01.97-	111722	14 75		09.96-	113481	12 1.4
		AC 09.96- 05.97	112679	14 110		09.96-	112295	12 1.7
		AC 04.97-	111719	14 120				
	[F8Q622]					04.99- 09.03	112295	12 1.7
	[F8Q624]					09.96-	112295	12 1.7
	[F8Q790]	03.97-	111722	14 75		03.97- 09.03	112295	12 1.7
		04.99-	112470	14 110				
		AC 03.97- 05.97	112679	14 110				
		AC 04.97-	111719	14 120				
Megane 1.9 Diesel Eco	[F8Q620]	01.96-	111722	14 75		01.96-	113481	12 1.4
		AC 11.95- 05.97	112679	14 110		01.96-	112295	12 1.7
		AC 04.97-	111719	14 120				
	[F8Q624]					01.96-	112295	12 1.7
Megane 1.9 DTi	[F9Q731]	03.99-	111718	14 75		03.99-	112295	12 1.7
						03.99-	113481	12 1.4
	[F9Q736]	03.99-	111718	14 75		03.99-	112295	12 1.7
						03.99-	113481	12 1.4
	[F9Q744]	02.01-	111718	14 75		02.01-	113929	12 1.2
		02.01-	112458	14 120 A47		02.01-	113930	12 1.4
		02.01-	112470	14 110				
		AC 02.01-	112458	14 120 A47				
Megane 1.9 TD	[F8Q784]	01.97-	111722	14 75		01.96-	113481	12 1.4
		AC 11.95- 05.97	112679	14 110		01.96-	112295	12 1.7
		AC 04.97-	111719	14 120				
	[F8Q786]					01.96- 09.99	112295	12 1.7
Megane 1.9 TDi	[F8Q784]	06.97-	111722	14 75		09.96-	112295	12 1.7
		AC 06.97-	111719	14 120				
	[F9Q730]	06.97-	111722	14 75		03.97-	113481	12 1.4
		AC 06.97-	111719	14 120		03.97-	112295	12 1.7
	[F9Q731]	03.99- 09.03	111718	14 75		03.97-	112295	12 1.7
		AC 03.97- 02.01	112458	14 120 A47		03.97-	113481	12 1.4
	[F9Q734]	06.97-	111722	14 75		03.97-	113481	12 1.4
		AC 06.97-	111719	14 120		03.97-	112295	12 1.7
	[F9Q736]	03.99- 09.03	111718	14 75		03.97-	112295	12 1.7
		AC 03.97- 02.01	112458	14 120 A47		03.97-	113481	12 1.4
Megane 2.0	[F3R750]	04.97-	111722	14 75		04.97- 08.03	111251	12 1.1
		AC 04.97-	112679	14 110		A13 04.97-	113481	12 1.4
	[F4R770]	08.03-	113919	14 125		08.03-	114814	12 0.9
		09.03-	114039	14 120		09.03-	115698	12 1.1
	[F4R771]	08.03-	113919	14 125		08.03-	114814	12 0.9
		09.03-	114039	14 120		09.03-	115698	12 1.1
	[F4R774]	08.06-	113919	14 125		08.06-	114814	12 0.9
	[F4R874]	11.08-	115921	14 120		11.08-	115698	12 1.1
		06.06- 12.10	113919	14 125		06.06- 12.10	114814	12 0.9
		06.06- 12.10	114039	14 120		06.06- 12.10	115698	12 1.1
		06.06- 12.10	115310	14 110				
		06.06- 12.10	115419	14 110				
Megane 2.0 Sport	[F4R774]	05.04-	113919	14 125		05.04-	114814	12 0.9
	[F4R774]	05.04-	113919	14 125		05.04-	114814	12 0.9
Megane 2.0 16V	[F4R746]	09.01- 10.02	112144	14 98		09.01- 08.03	113761	12 0.9
		01.02- 08.03	114122	14 150		01.02- 08.03	114814	12 0.9
	[F4R770]	01.02-	112144	14 98		01.01- 09.03	113761	12 0.9
		11.02-	113919	14 125		01.02-	114814	12 0.9
	[F4R870]	11.08-	116066*	14 120		11.08-	115698	12 1.1
	[F4R872]	11.08-	116066*	14 120		11.08-	115698	12 1.1
	[F7R710]					A13 11.95- 04.97	113481	12 1.4
						01.96- 04.97	111251	12 1.1
	[F7R714]	03.96-	111718	14 75		05.97- 09.03	111251	12 1.1
		03.99-	112144	14 98		A13 05.97- 09.03	113481	12 1.4
	[M4R711]					02.09-	115341	12 1.0
	[M4R713]					02.09-	115341	12 1.0
	[M4RF713]					05.09-	115341	12 1.0
Megane 2.0 i	[F3R750]	09.96- 03.99	111722	14 75		01.96- 08.03	111251	12 1.1
		03.99-	112679	14 110		A13 01.96- 03.99	113481	12 1.4
		AC 01.96- 03.99	112679	14 110				
	[F3R751]	09.96- 08.03	111722	14 75		01.96- 08.03	111251	12 1.1
		09.96- 08.03	112679	14 110		A13 03.99- 08.03	113481	12 1.4
	[F3R752]	09.96- 08.03	111722	14 75		09.96- 08.03	111251	12 1.1
		03.99- 08.03	112679	14 110		03.99- 08.03	113481	12 1.4
	[F3R791]	09.96- 08.03	111722	14 75		09.96- 09.03	111251	12 1.1
		09.96- 08.03	112679	14 110		A13 03.99- 08.03	113481	12 1.4
	[F3R796]	09.96- 08.03	111722	14 75		09.96- 09.03	111251	12 1.1
		09.96- 08.03	112679	14 110		A13 01.99- 08.03	113481	12 1.4
		AC 09.96- 09.03	112679	14 110				
	[F3R797]	09.96- 08.03	111722	14 75		09.96- 08.03	111251	12 1.1
		09.96- 08.03	112679	14 110		03.99- 08.03	111722	
						03.99- 08.03	113481	12 1.4



	[F3R798]	09.96- 08.03 09.96- 08.03	111722 112679	14 75 14 110		09.96- 08.03 03.99- 08.03 03.99- 08.03	111251 111722 113481	12 1.1 12 1.1 12 1.4
Megane 2.0 iDE 16V	[F5R740]	11.99- AC 11.99-	111718 112144	14 75 14 98				
Megane 2.0 TCe	[F4R872] [F4R874]	06.12- 05.09-	115921 115921	14 120 14 120		06.12- 05.09-	115698 115698	12 1.1 12 1.1
Megane 2.0 TCe TCe 220	[F4R874]	11.13-	115921	14 120		11.13-	115698	12 1.1
Megane 2.0 Turbo 16V	[F4R776]	05.04- 05.04-	113919 114039	14 125 14 120		05.04-	114814	12 0.9
Megane 2.0 dCi	[M9R610] [M9R615] [M9R700] [M9R722] [M9R724]					07.12- 10.10- 09.05- 09.05- 01.07-	114074 114074 114074 114074	12 2.2 12 2.2 12 2.2 12 2.2
Megane 2.0 dCi Grandtour	[M9R610]					07.12-	114074	12 2.2
Megane CC 1.4 16V	[H4J700]					06.10-	115685	12
Megane CC 1.5 DCi	[K9K837]	06.10-	114721	14 150		06.10-	113897	12 1.4
Megane CC 1.6 16V	[K4M858]	06.10- 06.10- 06.10-	114463 114721 115382	14 120 14 150 14 120		06.10- 06.10- 06.10-	115728 115842	12 1.2 12 1.0
Megane CC 1.6 DCi	[R9M402]	04.11-	114826	14 185		04.11-	115829	12 1.8
Megane CC 1.9 DCi	[F9Q870]	06.10- 06.10-	115921 116066*	14 120 14 120		06.10-	114869	12 1.4
Megane CC 2.0 CVT	[M4R711] [M4R713]					06.10- 06.10-	115341 115341	12 1.0 12 1.0
Megane CC 2.0 TCe	[F4R870] [F4R872]	06.10- 06.10-	115921 115921	14 120 14 120		06.10- 06.10-	115698 115698	12 1.1 12 1.1
Megane CC 2.0 DCi	[M9R610]					06.10-	114074	12 2.2
Modus 1.2	[D4F740] [D4F764] [D4F786]	12.04- 12.04- 04.11-	114131 114131 114131	14 90 14 90 14 90		12.04- 12.04- 04.11-	111641 111641 111641	12 0.7 12 0.7 12 0.7
Modus 1.2 16V	[D4F784]	05.07-	114131	14 90				
Modus 1.2 16V Hi-Flex	[D4F740]	10.08-	114131	14 90				
Modus 1.4	[K4J 770] [K4J 780]	12.04- 12.04- 12.04- 12.04-	114463 115382 114463 115382	14 120 14 120 14 120 14 120		12.04- 12.04- 12.04- 12.04-	114057 115640* 114057 115640*	12 1.1 12 1.0 12 1.1 12 1.0
Modus 1.5 DCi	[K9K750] [K9K752] [K9K760] [K9K762] [K9K764] [K9K766] [K9K768] [K9K770] [K9K772]	09.04- 09.05- 12.04- 12.04- 12.04- 12.04- 12.04- 10.10- 05.07- 05.07-	114721 114463 114463 114721 114463 114721 114463 114721 114463 114721	14 150 14 120 14 120 14 150 14 120 14 150 14 120 14 150 14 120 14 120		09.04- 10.10- 12.04- 09.04- 05.05- 12.04- 12.04- 10.10- 05.07-	113897 113927 113897 113897 113897 113897 113897 113897 113897	12 1.4 12 1.1 12 1.4 12 1.4 12 1.4 12 1.4 12 1.4 12 1.4 12 1.4
Modus 1.6	[K4M790] [K4M800] [K4M801]	12.04- 12.04- 12.04-	114463 115382 114463	14 120 14 120 14 120		12.04- 12.04- 12.04-	114057 115640* 114057	12 1.1 12 1.0 12 1.1
Modus 1.6 i16V	[K4M791] [K4M792] [K4M794]	12.04- 12.04- 12.04- 12.04-	114463 115382 114463	14 120 14 120 14 120		12.04- 12.04- 12.04- 12.04-	114057 115640* 114057 114057	12 1.1 12 1.0 12 1.1 12 1.1
R11 1.1	[C1E715] [C1E720]	10.84- 03.91 10.84- 03.91	111082 111082	14 60 14 60		03.83- 03.91 03.83- 03.91	110585 110585	12 1.2 12 1.2
R11 1.2	[C1G700] [C1G710]	10.84- 02.86 06.86- 03.91	111082 111082	14 60 14 60		10.84- 12.86 06.86- 03.91	110585 110585	12 1.2 12 1.2
R11 1.4	[C1J715] [C2J717] [C2J718] [C2J720] [C2J730] [C2J755] [C2J757] [C2J766] [C2J767] [C2J768]	10.84- 12.85 10.84- 03.91 10.84- 03.91 10.84- 03.91 10.84- 03.91 10.84- 03.91 10.84- 12.84 10.84- 03.91 10.84- 03.91 06.85- 03.91	111082 111082 111082 111082 111082 111082 111082 111082 111082 111082	14 60 14 60 14 60 14 60 14 60 14 60 14 60 14 60 14 60 14 60		03.83- 12.85 05.83- 03.91 03.83- 03.91 03.83- 03.91 03.83- 03.91 05.83- 03.91 03.83- 12.84 03.83- 03.91 03.83- 03.91 06.85- 03.91	110585 110585 110585 110585 110585 110585 110585 110585 110585 110585	12 1.2 12 1.2 12 1.2 12 1.2 12 1.2 12 1.2 12 1.2 12 1.2 12 1.2 12 1.2
R11 1.4 Turbo	[C1J760] [C1J764] [C1J770] [C1J782]	10.84- 12.86 10.84- 03.91 06.85- 03.91 06.85- 03.91	111082 111082 111082 111082	14 60 14 60 14 60 14 60		09.83- 12.86 09.83- 03.91 06.85- 03.91 06.85- 03.91	110585 110585 110585 110585	12 1.2 12 1.2 12 1.2 12 1.2
R11 1.6 Diesel	[F8M700] [F8M720] [F8M730]					08.83- 03.91 08.83- 09.87 10.87- 03.91	112295 112295 112295	12 1.7 12 1.7 12 1.7
R11 1.7	[F2N700] [F2N704] [F2N708] [F2N710] [F2N730]	10.83- 12.87 10.83- 06.87 10.86- 03.91 10.86- 03.91 10.86- 03.91	112744 112744 112744 112744 112744	14 60 14 60 14 60 14 60 14 60		10.83- 12.87 10.83- 06.87 10.86- 03.91 10.86- 03.91 10.86- 03.91	110585 110585 110585 110585 110585	12 1.2 12 1.2 12 1.2 12 1.2 12 1.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

RENAULT Continued

	[F2N732]	06.87- 12.88	111082	14 60		06.87- 03.91	110585	12 1.2
		06.87- 03.91	112744	14 60				
	[F2N742]	06.87- 03.91	112744	14 60		06.87- 03.91	110585	12 1.2
	[F2N798]	10.86- 03.91	112744	14 60		10.86- 03.91	110585	12 1.2
	[F3N708]	06.87- 12.88	111082	14 60		06.87- 12.88	110585	12 1.2
		06.87- 12.88	112744	14 60				
	[F3N718]	10.84- 03.91	112744	14 60		10.84- 03.91	110585	12 1.2
R12 1.3	[810]					06.80- 08.80	110866	12 0.9
	[810-06]					06.80- 08.80	110866	12 0.9
R12 1.3 Turbo TS	[810-06]					06.80- 08.80	110866	12 0.9
R18 2.0	[J6R716]					10.81- 07.86	111063	12 1.2
R18 2.0 4x4	[J6R714]					05.83- 12.86	111063	12 1.2
	[J6R716]					05.83- 12.86	111063	12 1.2
R18 2.1 Diesel	[852710]					01.84- 02.86	111114	12 3.1
						11.81- 07.86	112541	12 2.2
	[J8S711]					01.84- 02.86	111114	12 3.1
						11.81- 07.86	112541	12 2.2
R18 2.1 TD	[J8S712]					01.84- 02.86	111114	12 3.1
R18 2.2 i	[J7T718]					06.84- 07.86	111063	12 1.2
R19 1.2	[C1G730]	01.88- 12.01	111082	14 60		01.88- 12.01	110585	12 1.2
		01.88- 12.95	112728	14 55				
R19 1.4	[C2J772]	01.89- 12.89	111082	14 60		01.89- 12.89	110585	12 1.2
		01.89- 12.89	112728	14 55		10.89- 04.92	111251	12 1.1
	[C3J710]	09.88- 10.95	111082	14 60		09.88- 10.95	110585	12 1.2
		09.88- 10.95	112728	14 55		10.89- 04.92	111251	12 1.1
	[E6J700]	01.88- 12.01	111325	14 70		01.88- 12.01	110585	12 1.2
		01.88- 12.95	112756	14 60		01.88- 12.01	111251	12 1.1
						01.88- 12.95	113481	12 1.4
	[E6J701]					01.88- 12.92	110585	12 1.2
						09.88- 12.01	111251	12 1.1
						01.88- 12.92	113481	12 1.4
	[E7J]	03.92- 12.95	111325	14 70		03.92- 12.95	111251	12 1.1
		03.92- 12.95	112756	14 60				
		PS 03.92- 12.95	111325	14 70				
		PS 03.92- 12.95	112756	14 60				
		AC 03.92- 12.95	111325	14 70				
	[E7J706]					01.92- 12.95	111251	12 1.1
	[E7J742]	01.92- 08.95	111325	14 70		01.92- 12.01	111251	12 1.1
		01.92- 11.95	112756	14 60				
		PS 01.92- 11.95	111325	14 70				
		PS 01.92- 11.95	112756	14 60				
		AC 01.92- 08.95	111325	14 70				
R19 1.4 Chamade	[E7J745]					10.94- 11.95	111251	12 1.1
R19 1.7	[F2N724]					07.91- 04.92	111251	12 1.1
	[F3N740]	09.88- 12.95	112744	14 60		09.88- 12.95	111251	12 1.1
						A13 09.88- 12.95	112295	12 1.7
	[F3N741]	09.88- 12.95	112744	14 60		09.88- 12.95	111251	12 1.1
						A13 09.88- 12.95	112295	12 1.7
	[F3N742]	09.88- 06.96	112744	14 60		09.88- 06.96	111251	12 1.1
						A13 09.88- 04.92	112295	12 1.7
						A32 04.92- 12.95	112295	12 1.7
						AT 07.91- 04.92	112295	12 1.7
	[F3N743]	09.88- 06.96	112744	14 60		A13 09.88- 12.95	112295	12 1.7
						09.88- 06.96	111251	12 1.1
	[F3N746]					08.88- 12.92	111251	12 1.1
R19 1.7 Chamade	[F2N720]					09.88- 12.92	110585	12 1.2
						09.88- 12.92	111251	12 1.1
	[F2N721]					09.88- 12.92	111251	12 1.1
	[F2N724]					05.92- 11.95	111251	12 1.1
R19 1.8	[F3P682]					A13 11.94- 06.96	113481	12 1.4
						05.92- 06.96	111251	12 1.1
	[F3P700]					04.92- 05.94	111251	12 1.1
	[F3P704]					04.92- 06.96	111251	12 1.1
						04.92- 06.96	113481	12 1.4
	[F3P705]					04.92- 06.96	111251	12 1.1
						04.92- 06.96	113481	12 1.4
	[F3P706]					04.92- 06.96	111251	12 1.1
						04.92- 06.96	113481	12 1.4
	[F3P707]					04.92- 06.96	111251	12 1.1
						04.92- 06.96	113481	12 1.4
	[F3P708]					04.92- 06.96	111251	12 1.1
						04.92- 06.96	113481	12 1.4
	[F3P760]					04.92- 06.96	111251	12 1.1
						04.92- 06.96	113481	12 1.4
	[F3P764]					11.94- 06.96	111251	12 1.1
						07.94- 06.96	113481	12 1.4
	[F3P765]					10.94- 06.96	111251	12 1.1
						07.94- 06.96	113481	12 1.4
R19 1.8 Chamade	[F3P700]					05.92- 11.95	111251	12 1.1
	[F3P765]					05.92- 09.94	111251	12 1.1
R19 1.8 RT	[F3P700]					04.92- 05.94	111251	12 1.1
	[F3P706]					04.92- 12.95	111251	12 1.1
	[F3P760]					04.92- 12.95	111251	12 1.1
R19 1.8 16V	[F7P704]					06.89- 06.96	110585	12 1.2
						06.89- 06.96	112295	12 1.7
						06.89- 06.96	113481	12 1.4
R19 1.9 Diesel	[F8Q706]	09.88- 04.92	113500	14 70		01.88- 12.95	113481	12 1.4
						09.88- 04.92	112295	12 1.7
	[F8Q742]	06.90- 10.95	113500	14 70		06.90- 10.95	112295	12 1.7
						06.90- 12.95	113481	12 1.4
R19 1.9 DT	[F8Q740]	03.92- 12.95	113500	14 70		09.90- 12.95	112295	12 1.7
						03.92- 12.95	113481	12 1.4
	[F8Q744]	04.92-	113500	14 70		04.92-	112295	12 1.7
R20 1.6	[843]	12.79- 10.81	111072	14 50				
R20 2.0	[829.01]	10.77- 10.80	111072	14 50		10.77- 10.80	111063	12 1.2
	[829700]	10.77- 12.83	111072	14 50		07.82- 12.83	111063	12 1.2

## STARTERS & ALTERNATORS



	[829701]	10.77- 12.83	111072	14	50	07.82- 12.83	111063	12	1.2
	[829702]	10.80- 12.83	111072	14	50	07.82- 12.83	111063	12	1.2
	[829703]	10.80- 12.83	111072	14	50	07.82- 12.83	111063	12	1.2
R20 2.1 TD	[852]	10.80- 12.83	111072	14	50	10.80- 12.83	111114	12	3.1
	[J8S702]	01.82- 12.83	111072	14	50	01.82- 12.83	111114	12	3.1
R20 2.2	[851700]	10.80- 12.83	111072	14	50	07.82- 12.83	111063	12	1.2
R21 1.4	[C2J770]	09.89- 05.93	112728	14	55	09.89- 03.93	110585	12	1.2
R21 1.7	[F2N710]	03.86- 12.95	112744	14	60	03.86- 12.95	110585	12	1.2
	[F2N712]	03.86- 03.93	112744	14	60	03.86- 12.88	111251	12	1.1
	[F2N750]	03.86- 12.94	112744	14	60	03.86- 03.93	110585	12	1.2
	[F2N752]	06.87- 04.89	112744	14	60	03.86- 03.93	111251	12	1.1
	[F3N722]	03.86- 12.95	112744	14	60	03.86- 12.89	110585	12	1.2
						12.89- 12.94	111251	12	1.1
						06.87- 04.89	110585	12	1.2
						06.86- 12.95	111251	12	1.1
						03.86- 11.89	112295	12	1.7
						03.86- 11.89	112295	12	1.7
						06.90- 12.94	110585	12	1.2
						06.90- 12.94	112295	12	1.7
	[F3N723]	03.86- 12.95	112744	14	60	06.86- 12.95	111251	12	1.1
						03.86- 11.89	112295	12	1.7
						03.86- 11.89	112295	12	1.7
						06.90- 12.94	110585	12	1.2
						06.90- 12.94	112295	12	1.7
	[F3N726]	06.86- 12.95	112744	14	60	09.89- 12.95	111251	12	1.1
						06.86- 11.89	110585	12	1.2
R21 1.9 Diesel	[F8Q710]	03.86- 10.93	113500	14	70	03.86- 10.93	112295	12	1.7
R21 2.0	[J6R758]	03.86- 03.93	111171	14	70	03.86- 10.93	111063	12	1.2
		AC 03.86- 03.93	111319	14	105				
	[J6R759]	03.86- 03.93	111171	14	70	03.86- 10.93	111063	12	1.2
		AC 03.86- 03.93	111319	14	105				
	[J6R792]	03.86- 03.93	111171	14	70	03.86- 03.93	111063	12	1.2
		AC 03.86- 03.93	111319	14	105				
	[J6R793]	03.86- 03.93	111171	14	70	03.86- 03.93	111063	12	1.2
		AC 03.86- 03.93	111319	14	105				
	[J7R740]	02.90- 06.94	111171	14	70	09.89- 06.94	111063	12	1.2
		AC 09.89- 06.94	111319	14	105				
	[J7R746]	03.86- 12.94	111319	14	105	03.86- 12.94	111063	12	1.2
		AC 03.86- 12.94	111319	14	105				
	[J7R747]	03.86- 12.94	111319	14	105	03.86- 12.94	111063	12	1.2
		AC 03.86- 12.94	111319	14	105				
	[J7R750]	03.86- 03.93	111171	14	70	03.86- 03.93	111063	12	1.2
		AC 03.86- 03.93	111319	14	105				
	[J7R751]	03.86- 03.93	111171	14	70	03.86- 03.93	111063	12	1.2
		AC 03.86- 03.93	111319	14	105				
R21 2.0 4x4	[J7R740]	12.89- 02.94	111171	14	70	12.89- 02.94	111063	12	1.2
		AC 12.89- 02.94	111319	14	105				
	[J7R746]	06.90- 12.95	111319	14	105				
		AC 06.90- 12.95	111319	14	105				
	[J7R747]	06.90- 12.95	111319	14	105				
		AC 06.90- 12.95	111319	14	105				
R21 2.0 Turbo	[J7R752]	04.87- 03.92	111171	14	70	04.87- 03.92	111063	12	1.2
		AC 04.87- 03.92	111319	14	105				
	[J7R756]	08.87- 03.92	111319	14	105	02.90- 10.92	111063	12	1.2
		AC 02.90- 10.92	111319	14	105				
R21 2.0 Turbo 4x4	[J7R752]	08.89- 10.93	111171	14	70	08.89- 10.93	111063	12	1.2
		AC 08.89- 10.93	111319	14	105				
	[J7R756]	02.90- 10.92	111319	14	105	02.90- 10.92	111063	12	1.2
		AC 02.90- 10.92	111319	14	105				
R21 2.1 Diesel	[J8S600]	04.92- 12.95	111171	14	70	04.92- 12.95	111114	12	3.1
		AC 04.92- 12.95	111319	14	105				
	[J8S704]	03.86- 12.95	111171	14	70	03.86- 12.95	111114	12	3.1
		AC 03.86- 12.95	111319	14	105				
	[J8S740]	05.89- 12.95	111171	14	70	05.89- 12.95	111114	12	3.1
		AC 05.89- 12.95	111319	14	105				
	[J8S784]	02.92- 06.94	111171	14	70	02.92- 06.94	111114	12	3.1
		AC 02.92- 06.94	111319	14	105				
R21 2.1 Diesel 4x4	[J8S704]	10.88- 05.92	111171	14	70	10.88- 05.92	111114	12	3.1
		AC 10.88- 05.92	111319	14	105				
R21 2.1 TD	[J8S714]	07.89- 03.93	111171	14	70	03.86- 03.93	111114	12	3.1
		AC 03.86- 03.93	111319	14	105				
	[J8S786]	06.91- 12.95	111171	14	70	06.91- 12.95	111114	12	3.1
		AC 06.91- 12.95	111319	14	105				
	[J8S788]	09.89- 12.95	111171	14	70	09.89- 12.95	111114	12	3.1
		AC 09.89- 12.95	111319	14	105				
R21 2.2	[J7T754]	07.86- 12.95	111319	14	105	07.86- 12.95	111063	12	1.2
		AC 07.86- 12.95	111319	14	105				
	[J7T755]	07.86- 12.95	111319	14	105	07.86- 12.95	111063	12	1.2
		AC 07.86- 12.95	111319	14	105				
R21 2.2 4x4	[J7T754]	06.86- 06.94	111319	14	105	06.86- 06.94	111063	12	1.2
		AC 06.86- 06.94	111319	14	105				
	[J7T755]	06.86- 06.94	111319	14	105	06.86- 06.94	111063	12	1.2
		AC 06.86- 06.94	111319	14	105				
R25 2.0	[J6R706]	04.84- 12.92	111319	14	105	04.84- 12.92	111063	12	1.2
		AC 04.84- 12.92	111319	14	105				
	[J6R707]	04.84- 12.92	111319	14	105	04.84- 12.92	111063	12	1.2
		AC 04.84- 12.92	111319	14	105				
	[J6R760]	04.84- 12.92	111319	14	105	04.84- 12.92	111063	12	1.2
		AC 04.84- 12.92	111319	14	105				
	[J6R762]	04.84- 12.92	111319	14	105	04.84- 12.92	111063	12	1.2
		AC 04.84- 12.92	111319	14	105				
	[J6R763]	04.84- 12.92	111319	14	105	04.84- 12.92	111063	12	1.2
		AC 04.84- 12.92	111319	14	105				
R25 2.0 12V	[J7R720]	06.88- 12.93	111319	14	105	06.88- 12.93	111063	12	1.2
		AC 06.88- 12.93	111319	14	105				
	[J7R726]	06.89- 12.92	111319	14	105	06.89- 12.92	111063	12	1.2
		AC 06.89- 12.92	111319	14	105				
R25 2.1 Diesel	[J8S706]	04.84- 05.89	111171	14	70	04.84- 05.89	111114	12	3.1
		AC 04.84- 05.89	111319	14	105				
	[J8S736]	06.89- 12.92	111171	14	70	06.89- 12.92	111114	12	3.1
		AC 06.89- 12.92	111319	14	105				
R25 2.1 TD	[J8S708]	04.84- 12.92	111171	14	70	04.84- 12.92	111114	12	3.1
		AC 04.84- 12.92	111319	14	105				
	[J8S738]	06.89- 12.92	111171	14	70	06.89- 12.92	111114	12	3.1
		AC 06.89- 12.92	111319	14	105				
R25 2.2	[J7T706]	01.84- 06.92	111171	14	70	01.84- 06.92	111063	12	1.2
		AC 01.84- 06.92	111319	14	105				
	[J7T707]	01.84- 06.92	111171	14	70	01.84- 06.92	111063	12	1.2
		AC 01.84- 06.92	111319	14	105				
	[J7T708]	10.85- 10.86	111171	14	70	10.85- 10.86	111063	12	1.2
		AC 10.85- 10.86	111319	14	105				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



RENAULT Continued

	[J7T714]	01.84- 06.92	111171	14	70	01.84- 06.92	111063	12	1.2
		AC 01.84- 06.92	111319	14	105				
	[J7T715]	01.84- 06.92	111171	14	70	04.84- 06.92	111063	12	1.2
		AC 01.84- 06.92	111319	14	105				
	[J7T730]	04.84- 12.89	111171	14	70	04.84- 12.89	111063	12	1.2
		AC 04.84- 12.89	111319	14	105				
	[J7T731]	04.84- 12.89	111171	14	70	04.84- 12.89	111063	12	1.2
		AC 04.84- 12.89	111319	14	105				
	[J7T732]	11.85- 12.92	111171	14	70	11.85- 12.92	111063	12	1.2
		AC 11.85- 12.92	111319	14	105				
	[J7T733]	09.86- 12.92	111171	14	70	09.86- 12.92	111063	12	1.2
		AC 09.86- 12.92	111319	14	105				
R30 2.1 TD	[J8S702]	02.82- 03.86	111171	14	70	02.82- 03.86	111114	12	3.1
R4 0.8	[800]					04.68- 09.83	110856	12	0.6
	[80001]					09.66- 12.88	110856	12	0.6
	[800705]					10.62- 09.83	110367	12	1.0
						04.83- 12.93	110856	12	0.6
	[B1B707]					04.83- 12.93	110856	12	0.6
R4 1.0	[C1C708]					06.87- 06.93	110866	12	0.9
R4 1.1	[688711]					12.81- 12.93	110866	12	0.9
	[688712]					12.81- 12.93	110866	12	0.9
	[C1E714]					12.81- 12.93	110866	12	0.9
	[C1E718]					12.81- 12.93	110866	12	0.9
	[C1E719]					12.81- 12.93	110866	12	0.9
R5 0.8	[800710]					01.82- 12.84	110856	12	0.6
R5 1.0	[C1C700]	10.84- 12.96	111082	14	60	10.84- 12.96	111251	12	1.1
		10.84- 12.96	112728	14	55	10.84- 12.96	110585	12	1.2
R5 1.1	[C1E726]					10.79- 12.85	110866	12	0.9
	[C1E750]	10.84- 12.96	111082	14	60	10.84- 12.96	111251	12	1.1
		10.84- 12.96	112728	14	55	10.84- 12.96	110585	12	1.2
	[C1E752]	10.84- 06.89	111082	14	60	10.84- 06.89	110585	12	1.2
		10.84- 06.89	112728	14	55	10.84- 06.89	111251	12	1.1
	[C1E754]	10.84- 06.89	111082	14	60	10.84- 06.89	110585	12	1.2
		10.84- 06.89	112728	14	55	10.84- 06.89	111251	12	1.1
	[C1E756]	06.87-	111082	14	60	06.87-	110585	12	1.2
		06.87-	112728	14	55	06.87- 08.90	111251	12	1.1
	[C1E760]	08.90- 12.96	112728	14	55	01.86- 03.95	111251	12	1.1
R5 1.3	[810719]					06.79- 09.84	110367	12	1.0
	[810725]					09.75- 09.84	110367	12	1.0
	[810726]					09.76- 09.79	110367	12	1.0
	[810729]					06.79- 09.84	110367	12	1.0
R5 1.4	[847712]					06.82- 09.84	110866	12	0.9
	[847725]					01.82- 12.85	110367	12	1.0
	[C1J768]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
		10.84- 12.96	112728	14	55	10.84- 12.96	111251	12	1.1
	[C1J780]	10.84- 06.89	111082	14	60	10.84- 06.89	110585	12	1.2
		10.84- 06.89	112728	14	55	10.84- 06.89	111251	12	1.1
	[C2J700]	06.87- 12.96	111082	14	60	10.87- 12.96	110585	12	1.2
		06.87- 12.96	112728	14	55	06.87- 12.96	111251	12	1.1
	[C2J713]					01.82- 12.85	110367	12	1.0
	[C2J780]	10.84- 06.87	111082	14	60	10.84- 06.87	110585	12	1.2
		10.84- 06.87	112728	14	55	10.84- 06.87	111251	12	1.1
	[C2J781]	10.84- 07.89	111082	14	60	10.84- 07.89	110585	12	1.2
		10.84- 07.89	112728	14	55	10.84- 12.96	111251	12	1.1
	[C2J782]	06.87- 12.96	111082	14	60	06.87- 12.96	110585	12	1.2
		06.87- 12.96	112728	14	55	06.87- 12.96	111251	12	1.1
	[C2J784]	06.87- 12.96	111082	14	60	06.87- 12.96	110585	12	1.2
		06.87- 12.96	112728	14	55	06.87- 12.96	111251	12	1.1
	[C2J788]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
		10.84- 12.96	112728	14	55	10.84- 12.96	111251	12	1.1
	[C2J789]	10.84- 07.89	111082	14	60	10.84- 12.96	111251	12	1.1
		10.84- 07.89	112728	14	55	10.84- 07.89	110585	12	1.2
	[C2J798]	10.84- 07.89	111082	14	60	10.84- 07.89	110585	12	1.2
		10.84- 07.89	112728	14	55	10.84- 07.89	111251	12	1.1
	[C3J700]	10.84- 10.87	111082	14	60	10.84- 10.87	110585	12	1.2
		10.84- 10.87	112728	14	55				
	[C3J702]	10.85- 02.88	111082	14	60	10.85- 02.88	110585	12	1.2
		10.85- 02.88	112728	14	55				
	[C3J760]	10.85- 12.96	111082	14	60	10.85- 12.96	110585	12	1.2
		10.85- 12.96	112728	14	55				
R5 1.4 Alpine A5	[840725]					09.77- 09.81	110866	12	0.9
R5 1.4 Turbo	[840730]					06.80- 01.85	110866	12	0.9
R5 1.4 Turbo Alpine	[840726]					10.81- 01.85	110866	12	0.9
	[C6J750]					10.81- 01.85	110866	12	0.9
R5 1.4 Turbo GT	[C1J782]	10.84- 08.90	111082	14	60	04.84- 08.90	110585	12	1.2
	[C1J784]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
	[C1J788]	06.87- 12.96	111082	14	60	06.87- 12.96	110585	12	1.2
R5 1.6 Diesel	[FBM720]					10.87- 12.96	112295	12	1.7
	[FBM730]					10.87- 12.96	112295	12	1.7
R5 1.7	[F2N740]					06.87- 12.96	111251	12	1.1
	[F2N742]					06.87- 12.96	111251	12	1.1
	[F3N702]					10.86- 12.96	111251	12	1.1
	[F3N716]					10.86- 12.96	111251	12	1.1
	[F3N717]					10.86- 12.96	111251	12	1.1
	[F3N722]					10.86- 12.96	111251	12	1.1
R9 1.1	[C1E715]	10.84- 10.87	111082	14	60	09.81- 10.87	110585	12	1.2
		10.84- 10.87	112728	14	55				
	[C1E720]	10.84- 10.87	111082	14	60	09.81- 10.87	110585	12	1.2
		10.84- 10.87	112728	14	55				
R9 1.2	[C1G700]	09.85- 12.86	111082	14	60	09.85- 12.86	110585	12	1.2
		09.85- 12.86	112728	14	55				
	[C1G710]	12.86- 03.91	111082	14	60	12.86- 03.91	110585	12	1.2
		12.86- 03.91	112728	14	55				
R9 1.4	[C1J715]	10.84- 03.91	111082	14	60	12.81- 03.91	110585	12	1.2
		10.84- 03.91	112728	14	55				



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	[C1J792]	10.84- 03.91	111082	14 60		12.81- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55				
	[C1J796]	10.84- 03.91	111082	14 60		12.81- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55				
	[C2J717]	10.84- 03.91	111082	14 60		09.81- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55				
	[C2J718]	10.84- 03.91	111082	14 60		09.81- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55				
	[C2J720]	10.86- 06.87	111082	14 60		10.86- 06.87	110585	12 1.2
		10.86- 06.87	112728	14 55				
	[C2J730]	10.86- 03.91	111082	14 60		10.86- 03.91	110585	12 1.2
		10.86- 03.91	112728	14 55				
	[C2J755]	10.84- 03.91	111082	14 60		09.81- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55				
	[C2J757]	09.81- 12.85	111082	14 60		09.81- 10.84	110585	12 1.2
		09.81- 12.85	112728	14 55				
	[C2J766]	10.84- 03.91	111082	14 60		10.84- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55				
	[C2J767]	10.84- 03.91	111082	14 60		10.84- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55				
	[C2J768]	09.85- 03.91	111082	14 60		09.85- 03.91	110585	12 1.2
		09.85- 03.91	112728	14 55				
R9 1.4 Turbo	[C1J760]	10.84- 03.91	111082	14 60		10.84- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55				
	[C1J764]	10.84- 03.91	111082	14 60		10.84- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55				
R9 1.6 Diesel	[F8M700]					10.82- 03.91	112295	12 1.7
	[F8M720]					10.82- 03.91	112295	12 1.7
	[F8M730]					10.82- 03.91	112295	12 1.7
R9 1.7	[F2N708]	10.86- 03.91	112744	14 60		10.86- 03.91	110585	12 1.2
	[F2N710]	10.86- 03.91	112744	14 60		10.86- 03.91	110585	12 1.2
	[F2N730]	10.86- 03.91	112744	14 60		10.86- 03.91	110585	12 1.2
						10.86- 03.91	111251	12 1.1
	[F2N798]	10.86- 03.91	112744	14 60		10.86- 12.88	110585	12 1.2
	[F3N708]	06.87- 12.88	112744	14 60		06.87- 12.88	110585	12 1.2
						06.87- 12.88	111251	12 1.1
	[F3N718]	10.86- 03.91	112744	14 60		10.86- 03.91	110585	12 1.2
						10.86- 03.91	111251	12 1.1
R9 1.7 TXE	[F2N700]	09.84- 06.87	112744	14 60		09.84- 03.91	110585	12 1.2
	[F2N704]	09.84- 06.87	112744	14 60		09.84- 03.91	110585	12 1.2
Rapid 1.0	[C1C706]	02.86- 05.92	112728	14 55		02.86- 05.92	110585	12 1.2
Rapid 1.1	[C1E750]	07.85- 04.95	111082	14 60		03.86- 07.90	110585	12 1.2
		07.85- 04.95	112728	14 55				
	[C1E752]	07.85- 04.95	111082	14 60		03.86- 06.89	110585	12 1.2
		07.85- 04.95	112728	14 55				
	[C1E754]	07.85- 04.95	111082	14 60		03.86- 08.91	110585	12 1.2
		07.85- 04.95	112728	14 55				
	[C1E756]	06.87- 08.91	112728	14 55				
	[C1E760]	07.85- 04.95	111082	14 60		06.87- 08.91	110585	12 1.2
		07.85- 04.95	112728	14 55		08.90- 08.91	110585	12 1.2
	[C1E762]	07.85- 04.95	111082	14 60				
		07.85- 04.95	112728	14 55		09.91- 09.96	110585	12 1.2
	[C1E792]	07.85- 04.95	111082	14 60		03.86- 08.91	110585	12 1.2
		07.85- 04.95	112728	14 55				
Rapid 1.2	[C3G710]	09.91- 10.97	111082	14 60		09.91- 10.97	110585	12 1.2
		09.91- 10.97	112728	14 55		09.91- 10.97	111251	12 1.1
	[C3G712]	09.91- 10.97	111082	14 60		09.91- 10.97	110585	12 1.2
		09.91- 10.97	112728	14 55		09.91- 10.97	111251	12 1.1
	[E7F708]					05.95- 11.98	111251	12 1.1
Rapid 1.4	[C1J768]	07.85- 08.91	111082	14 60		07.85- 08.91	110585	12 1.2
		07.85- 08.91	112728	14 55				
	[C1J780]	07.85- 08.91	111082	14 60		07.85- 08.91	110585	12 1.2
		07.85- 08.91	112728	14 55				
	[C2J784]	06.87- 12.96	111082	14 60		06.87- 09.97	110585	12 1.2
		06.87- 12.96	112728	14 55				
	[C3J700]	03.86- 05.87	111082	14 60		03.86- 05.87	110585	12 1.2
		03.86- 05.87	112728	14 55		A13 03.86- 05.87	113481	12 1.4
	[C3J702]	06.87- 08.91	111082	14 60		06.87- 08.91	110585	12 1.2
		06.87- 08.91	112728	14 55		08.88- 08.91	111251	12 1.1
						A13 06.87- 08.91	113481	12 1.4
	[C3J760]	06.87- 08.91	111082	14 60		06.87- 08.91	110585	12 1.2
		06.87- 08.91	112728	14 55		08.88- 08.91	111251	12 1.1
						A13 06.87- 08.91	113481	12 1.4
	[C3J762]	09.91- 03.97	111082	14 60		09.91- 03.97	111251	12 1.1
		09.91- 03.97	112728	14 55		A13 09.91- 03.97	113481	12 1.4
	[E7J720]	09.91- 10.97	111325	14 70		09.91- 10.97	111251	12 1.1
		09.91- 10.97	112756	14 60		A13 09.91- 10.97	113481	12 1.4
	[E7J724]	09.91- 10.97	111325	14 70		09.91- 10.97	111251	12 1.1
		09.91- 10.97	112756	14 60		A13 09.91- 10.97	113481	12 1.4
	[E7J726]	09.91- 10.97	111325	14 70		09.91- 10.97	111251	12 1.1
		09.91- 10.97	112756	14 60		A13 09.91- 10.97	113481	12 1.4
	[E7J728]	01.94- 03.98	111325	14 70		01.94- 10.97	111251	12 1.1
		01.94- 03.98	112756	14 60				
	[E7J773]	03.94- 10.97	111325	14 70		03.94- 10.97	111251	12 1.1
		03.94- 10.97	112756	14 60		A13 03.94- 10.97	113481	12 1.4
Rapid 1.6 Diesel	[F8M720]					09.91- 08.98	112295	12 1.7
	[F8M730]					09.91- 08.98	112295	12 1.7
	[F8M736]					09.91- 08.98	112295	12 1.7
	[F8M760]					09.91- 08.98	112295	12 1.7
Rapid 1.9 Diesel	[F8Q640]					09.94-	113481	12 1.4
	[F8Q646]	09.91- 03.98	112769	14 60		09.91- 03.98	112295	12 1.7
						09.91- 10.97	113481	12 1.4
	[F8Q682]					09.94- 03.98	113481	12 1.4
	[F8Q722]	09.91- 03.98	112769	14 60		09.91- 03.98	112295	12 1.7
						09.91- 09.92	113481	12 1.4





RENAULT Continued

	[F8Q724]	09.91- 03.98	112769	14 60	09.91- 03.98	112295	12 1.7
					09.91- 03.98	113481	12 1.4
	[F8Q774]	09.91- 03.98	112769	14 60	09.91- 03.98	112295	12 1.7
					10.92- 09.96	113481	12 1.4
	[F8Q776]	09.91- 03.98	112769	14 60	09.91- 03.98	112295	12 1.7
					09.91- 03.97	113481	12 1.4
Rodeo 0.8 4	[80001]				10.70- 08.81	110856	12 0.6
Safrane 1.9 16V	[N7Q710]	09.96-	112557	14 120	07.96- 03.99	112818	12 1.4
	[N7Q711]	09.96-	112557	14 120	07.96- 03.99	112818	12 1.4
Safrane 2.1 TD	[J8S760]				11.93- 09.96	111114	12 3.1
Safrane 2.2 TD	[G8T740]	Chas. 970512- 07.96-	112679	14 110			
Safrane 2.5 20V	[N7U700]	07.96-	112557	14 120	07.96- 03.99	112818	12 1.4
	[N7U701]	07.96-	112557	14 120	07.96- 03.99	112818	12 1.4
Sandero 1.0 Hi-Flex		11.07-	113403	14 75	11.07-	114095	12 0.85
		11.07-	115549	14 95			
Sandero 1.6	[K7M710]	12.07-	113940	14 110 A49, A47	12.07-	113932	12 0.85
		12.07-	114879	14 90			
		12.07-	115766	14 110			
		12.07-	116048	14 110			
	[K7M718]	11.10-	114879	14 90	11.10-	113932	12 0.85
		11.10-	115716	14 150			
Sandero 1.6 Hi-Flex		11.07-	113940	14 110 A47, A49	11.07-	113932	12 0.85
Scénic 1.2 TCe	[H5F400]	04.12-	115356	14 150			
		04.12-	115921	14 120			
	[H5F404]	01.13-	115356	14 150			
		01.13-	115921	14 120			
Scénic 1.4	[K4J730]	06.03-	113940	14 110 A47, A49	06.03-	113932	12 0.85
		06.03-	113945	14 150			
		06.03-	115716	14 150			
	[K4J740]	06.03-	113940	14 110 A47, A49	06.03-	113932	12 0.85
		06.03-	113945	14 150			
		06.03-	115716	14 150			
Scénic 1.4 16V	[H4J700]				02.09-	115685	12
	[K4J714]	02.01-	112199	14 75	02.01-	112218	12 1.0
		09.99- 08.03	115711	14 120			
		AC 02.01-	112144	14 98			
	[K4J750]	08.99-	112144	14 98	08.98-	112218	12 1.0
		08.99-	112199	14 75			
		09.99- 08.03	115711	14 120			
		AC 08.99-	112144	14 98			
		A22 08.99-	112144	14 98			
Scénic 1.4 i	[E7J764]				11.96- 04.03	111251	12 1.1
Scénic 1.5 DCi	[K9K636]	04.09-	114721	14 150	04.09-	113897	12 1.4
	[K9K722]	06.03-	113940	14 110 A47, A49	06.03-	113927	12 1.1
		06.03-	113945	14 150	05.05-	113897	12 1.4
		05.05-	114354	14 150			
	[K9K724]	05.05-	114354	14 150	05.05-	113897	12 1.4
	[K9K728]	11.03-	113940	14 110 A47, A49	11.03-	113897	12 1.4
		11.03-	113945	14 150			
		01.07-	114354	14 150			
	[K9K729]	11.03-	113940	14 110 A47, A49	11.03-	113897	12 1.4
		11.03-	113945	14 150			
	[K9K732]	05.05-	113945	14 150	05.05-	113897	12 1.4
		05.05-	114354	14 150			
	[K9K734]	01.07-	114354	14 150	01.07-	113897	12 1.4
	[K9K830]	04.09-	114721	14 150	04.09-	113897	12 1.4
	[K9K832]	02.09-	114721	14 150	02.09-	113897	12 1.4
	[K9K836]	04.09-	114721	14 150	04.09-	113897	12 1.4
	[K9K837]	04.09-	114721	14 150	04.09-	113897	12 1.4
	[K9K846]	11.10-	114463	14 120	11.10-	113897	12 1.4
		11.10-	114721	14 150			
Scénic 1.6		06.01- 09.03	112144	14 98			
		06.01- 09.03	112199	14 75			
Scénic 1.6 16V	[K4M700]	01.99-	112144	14 98	01.99-	112218	12 1.0
		01.99-	112199	14 75			
		09.99- 08.03	115711	14 120			
		AC 01.99-	112144	14 98			
		A22 01.99-	112144	14 98			
	[K4M701]	02.01-	112199	14 75	02.01-	112218	12 1.0
		09.99- 08.03	115711	14 120			
		AC 02.00-	112144	14 98			
	[K4M704]	08.98-	112199	14 75	08.98-	112218	12 1.0
		AC 08.98-	112144	14 98			
		A22 09.99- 08.03	115711	14 120			
	[K4M708]	08.99-	112199	14 75	08.99-	112218	12 1.0
		AC 08.99-	112144	14 98			
		A22 09.99- 08.03	115711	14 120			
	[K4M812]	01.07-	113940	14 110 A47, A49	01.07-	113932	12 0.85
		01.07-	113945	14 150			
		01.07-	115766	14 110			
	[K4M858]	02.09-	115382	14 120	02.09-	115728	12 1.2
	[K4M9766]	01.07-	113940	14 110 A47, A49	01.07-	113932	12 0.85
		01.07-	113945	14 150			
		01.07-	115766	14 110			
	[K4MC813]	01.07-	113940	14 110 A47, A49	01.07-	113932	12 0.85
		01.07-	113945	14 150			
		01.07-	115766	14 110			
Scénic 1.6 i 16V	[K4M761]	06.03-	113940	14 110 A47, A49	06.03-	112218	12 1.0
		06.03-	113945	14 150	06.03-	113932	12 0.85
		06.03-	115716	14 150			
		06.03-	115766	14 110			
	[K4M782]	06.03-	113940	14 110 A49, A47	06.03-	113932	12 0.85
		06.03-	113945	14 150			
		06.03-	115716	14 150			
		06.03-	115766	14 110			



Scénic 1.6 i	[K7M702]					01.96- 04.03	111251	12 1.1
						01.96-	115442	12 0.8
Scénic 1.6	[K4M866]	02.09-	115382	14 120		02.09-	115728	12 1.2
						02.09-	115842	12 1.0
Scénic 1.6 Flexfuel Hi-Flex	[K4M766]	03.05- 07.10	114721	14 150				
Scénic 1.6 DCI	[R9M402]	04.11-	114826	14 185		04.11-	115829	12 1.8
	[R9M404]	04.11-	114826	14 185		04.11-	115829	12 1.8
Scénic 1.8 4x4	[F4P722]	07.00- 04.01	115711	14 120		07.00- 04.01	114814	12 0.9
Scénic 1.8 16V	[F4P720]	01.01-	112144	14 98		11.00- 04.03	113761	12 0.9
		01.01- 08.03	115711	14 120				
	[F4P722]	01.01-	112144	14 98		01.01- 08.03	113761	12 0.9
		01.01- 08.03	115711	14 120				
Scénic 1.9 DCI	[F9Q732]	11.00- 08.03	111718	14 75		11.00- 08.03	113930	12 1.4
		12.02- 08.03	112458	14 120 A47				
	AC	11.00-	112458	14 120 A47				
	[F9Q733]	AC 11.00-	112458	14 120 A47		11.00-	113930	12 1.4
	[F9Q748]	12.02- 08.03	111718	14 75		12.02- 08.03	113930	12 1.4
		12.02- 08.03	112458	14 120 A47				
	[F9Q796]	12.02- 08.03	111718	14 75		12.02- 08.03	113930	12 1.4
		12.02- 08.03	112458	14 120 A47				
	[F9Q804]	06.03-	113919	14 125		05.05-	115974	12 2.4
		05.05-	112144	14 98		05.05-	112474	12 1.8
		05.05-	113837	14 150				
		05.05-	113945	14 150				
	[F9Q812]	06.03-	113919	14 125		06.03-	112474	12 1.8
		06.03-	114039	14 120				
	[F9Q816]	05.05-	112144	14 98		05.05-	112474	12 1.8
		05.05-	113837	14 150				
	[F9Q818]	05.05-	112144	14 98		05.05-	112474	12 1.8
	05.05-	113837	14 150					
[F9Q870]	02.09-	115921	14 120		02.09-	114869	12 1.4	
	02.09-	116066*	14 120					
[F9Q872]	02.09-	115921	14 120		02.09-	114869	12 1.4	
	02.09-	116066*	14 120					
[F9QJ803]	05.05-	112144	14 98		05.05-	112474	12 1.8	
	05.05-	113837	14 150					
Scénic 1.9 DCI RX4	[F9Q740]	03.99-	111718	14 75		11.00- 08.03	113930	12 1.4
	AC 11.00-	112458	14 120 A47					
Scénic 1.9 DTI	[F9Q731]	09.99-	111718	14 75		09.99-	112295	12 1.7
		AC 09.99-	112458	14 120 A47		09.99-	113481	12 1.4
	[F9Q734]					06.97- 02.99	112295	12 1.7
						06.97- 02.99	113481	12 1.4
	[F9Q736]	09.99-	111718	14 75		09.99-	112295	12 1.7
		AC 09.99-	112458	14 120 A47		09.99-	113481	12 1.4
[F9Q744]	11.00-	111718	14 75		02.01- 08.03	113929	12 1.2	
	AC 02.01-	112458	14 120 A47		02.01- 08.03	113930	12 1.4	
Scénic 2.0	[F4R770]	06.03- 04.09	113919	14 125		06.03- 04.09	114814	12 0.9
		06.03- 04.09	114039	14 120				
		02.08- 04.09	115310	14 110				
		02.08- 04.09	115419	14 110				
	[F4R771]	06.03-	113919	14 125		06.03-	114814	12 0.9
	06.03-	114039	14 120					
Scénic 2.0 16V	[F4R740]	07.00-	112144	14 98		03.99- 04.03	113761	12 0.9
		07.00- 08.03	115711	14 120				
	AC	07.00-	112144	14 98				
	[F4R741]	07.00- 08.03	115711	14 120		03.99- 04.03	113761	12 0.9
		03.99-	112144	14 98				
	[F4R746]	07.00- 08.03	112144	14 98		07.00- 08.03	113761	12 0.9
		07.00- 08.03	115711	14 120				
[M4R710]					02.09-	115341	12 1.0	
[M4R711]					02.09-	115341	12 1.0	
Scénic 2.0 16V RX4	[F4R744]	06.00-	112144	14 98		11.00- 04.03	113761	12 0.9
		06.00- 08.03	115711	14 120				
	AC	06.99-	112144	14 98				
	[F4R746]	06.00- 08.03	112144	14 98		06.00- 08.03	113761	12 0.9
		06.00- 08.03	115711	14 120				
Scénic 2.0 i	[F3R...]	AC 11.96-	112679	14 110		11.96- 04.03	111251	12 1.1
Scénic 2.0 iDE 16V	[F4R740]	03.00-	112144	14 98		09.99- 08.03	113761	12 0.9
		09.99- 08.03	115711	14 120				
	[F4R741]	09.99- 08.03	115711	14 120		09.99- 08.03	113761	12 0.9
	[F4R744]	09.99- 08.03	115711	14 120		09.99- 08.03	113761	12 0.9
	[F4R747]	09.99- 08.03	115310	14 110		09.99- 08.03	113761	12 0.9
		09.99- 08.03	115711	14 120				
Scénic 2.0 Turbo 16V	[F4R776]	05.04-	113919	14 125		05.04-	114814	12 0.9
		05.04-	114039	14 120				
Scénic 2.0 DCI	[M9R700]	09.05-	114768	14 120		09.05-	114074	12 2.2
		09.05-	115857*	14 150				
	[M9R721]	09.05-	114768	14 120		09.05-	114074	12 2.2
		09.05-	115857*	14 150				
	[M9R722]	09.05-	114768	14 120		09.05-	114074	12 2.2
	09.05-	115857*	14 150					
Sport Spider 2.0 16V	[F7R710]					03.95- 10.99	111251	12 1.1
	[F7R712]					03.95- 10.99	111251	12 1.1
	[F7R720]					03.95- 10.99	111251	12 1.1
Super 5 1.0	[C1C700]	10.84- 12.96	111082	14 60		10.84- 12.96	110585	12 1.2
		10.84- 12.96	112728	14 55				
Super 5 1.1	[C1E750]	10.84- 12.96	111082	14 60		10.84- 12.96	110585	12 1.2
		10.84- 12.96	112728	14 55				
	[C1E752]					10.84- 06.89	110585	12 1.2
	[C1E754]					10.84- 06.89	110585	12 1.2
					10.89- 12.90	111251	12 1.1	
Super 5 1.2	[C1G702]	10.84- 12.96	111082	14 60		10.84- 12.96	110585	12 1.2
	[C1G720]	10.86- 12.96	111082	14 60		10.86- 12.96	110585	12 1.2
	[C1G722]	03.90- 12.96	111082	14 60		03.90- 12.96	110585	12 1.2
Super 5 1.6 Diesel	[F8M720]					10.84- 12.96	112295	12 1.7
Super 5 1.7	[F3N702]					09.88- 09.90	111251	12 1.1

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**RENAULT** *Continued*

Thalia 0.9 Tce		04.14-	116095*	14	90					
Thalia 1.1 16V	[D4F712]	09.08-	113403	14	75	09.08-	111641	12	0.7	
		09.08-	115549	14	95					
		07.14-	115549	14	95	07.14-	114095	12	0.85	
Thalia 1.1 LPG	[D4F728]	01.10- 12.13	113403	14	75	01.10- 12.13	111641	12	0.7	
		01.10- 12.13	115549	14	95					
Thalia 1.2 16V	[D4F712]	04.02-	113403	14	75	04.02-	111641	12	0.7	
		04.02-	115549	14	95					
Thalia 1.4	[K7J700]	09.08- 06.14	112144	14	98	08.00- 06.14	115442	12	0.8	
		09.08- 06.14	112199	14	75					
		AC 05.01-	112144	14	98					
Thalia 1.4 16V	[K4J712]	06.01-	112199	14	75	08.00-	112218	12	1.0	
		AC 06.01-	112144	14	98					
Thalia 1.5 DCi	[K9K700]	04.02-	114673	14	120	04.02-	113927	12	1.1	
		AC 09.01-	113248	14	120					
		AC 02.03-	114673	14	120					
	[K9K702]	06.01-	113862	14	125	06.01-	113927	12	1.1	
		06.01-	113940	14	110	A47, A49				
	[K9K714]	02.03-	112471	14	125	02.03-	113927	12	1.1	
		AC 02.03-	114673	14	120					
[K9K740]		AC 06.05-	114673	14	120	06.05-	113927	12	1.1	
Thalia 1.6 16V	[K4M734]	09.08-	112144	14	98	09.08-	112218	12	1.0	
		09.08-	112199	14	75					
		04.02-	112199	14	75	04.02-	112218	12	1.0	
Trafic 1.4	[847700]					03.80- 04.89	110866	12	0.9	
	[847701]					03.80- 04.89	110866	12	0.9	
	[C1J700]					03.80- 10.97	110866	12	0.9	
Trafic 1.6	[841705]					05.87- 02.89	110585	12	1.2	
	[A1M707]					05.87- 02.89	110585	12	1.2	
	[A1M708]					05.87- 02.89	110585	12	1.2	
Trafic 1.7	[F1N720]	08.92- 10.97	112744	14	60	08.92- 10.97	111251	12	1.1	
	[F1N722]	06.86- 10.97	112744	14	60	06.86- 04.89	110585	12	1.2	
						A13 06.86- 04.89	112295	12	1.7	
					05.89- 10.97	111251	12	1.1		
	[F1N724]	06.86- 10.97	112744	14	60	06.86- 04.89	110585	12	1.2	
					A13 06.86- 04.89	112295	12	1.7		
					03.89- 10.97	111251	12	1.1		
Trafic 1.9 DCi	[F9Q760]	03.01-	112471	14	125	03.01-	112474	12	1.8	
		03.01-	113248	14	120					
		03.01-	112471	14	125	03.01-	112474	12	1.8	
Trafic 1.9 DCi 100	[F9Q762]	03.01-	113248	14	120					
		03.01-	112471	14	125	03.01-	112474	12	1.8	
Trafic 1.9 DCi 80	[F9Q762]	03.01-	112471	14	125	03.01-	112474	12	1.8	
		AC 03.01-	113248	14	120					
Trafic 1.9 Diesel	[F8Q606]	06.97-	111718	14	75	06.97-	112295	12	1.7	
						06.97-	113481	12	1.4	
Trafic 2.0	[829720]					03.80- 12.86	111063	12	1.2	
	[829721]					09.80- 12.86	111063	12	1.2	
	[F4R720]	03.01-	114122	14	150	03.01-	114814	12	0.9	
		AC 03.01-	113245	14	125					
	[F4R722]		AC 03.01-	113245	14	125	03.01-	114814	12	0.9
	[J5R716]					06.86- 10.97	111063	12	1.2	
	[J5R722]					06.86- 04.89	111063	12	1.2	
[J5R726]					03.80- 10.97	111063	12	1.2		
Trafic 2.0 4x4	[J5R716]					06.86- 10.97	111063	12	1.2	
	[J5R722]					06.86- 04.89	111063	12	1.2	
						06.86- 10.97	111063	12	1.2	
Trafic 2.0 16V	[F4R820]	08.06-	114122	14	150	08.06-	114814	12	0.9	
						08.06-	115698	12	1.1	
Trafic 2.0 DCi	[M9R630]	08.06-	114509	14	150	08.06-	114074	12	2.2	
	[M9R692]	08.06-	114509	14	150	08.06-	114074	12	2.2	
	[M9R780]	08.06-	114509	14	150	08.06-	114074	12	2.2	
	[M9R782]	08.06-	114509	14	150	08.06-	114074	12	2.2	
	[M9R786]	08.06-	114509	14	150	08.06-	114074	12	2.2	
Trafic 2.1 Diesel	[852720]	03.80- 10.97	111072	14	50	03.80- 10.97	111114	12	3.1	
		03.89- 10.97	111171	14	70					
	[852750]	09.80- 10.97	111072	14	50	09.80- 10.97	111114	12	3.1	
		09.80- 10.97	111171	14	70					
	[J8S620]	06.94- 10.97	111171	14	70	06.94- 10.97	111114	12	3.1	
[J8S758]	06.94- 10.97	111171	14	70	06.94- 10.97	111114	12	3.1		
Trafic 2.1 Diesel 4x4	[852750]	11.86- 04.89	111072	14	50	11.86- 04.89	111114	12	3.1	
		11.86- 04.89	111171	14	70					
Trafic 2.2	[J7T600]	06.94- 10.97	111171	14	70					
	[J7T780]					03.89- 10.97	111063	12	1.2	
Trafic 2.2 4x4	[J7T600]	06.94- 10.97	111171	14	70					
	[J7T780]					05.89- 06.94	111063	12	1.2	
Trafic 2.5 DCi	[G9U630]	08.06-	113837	14	150					
		08.06-	114700	14	150					
	[G9U730]	03.01-	112471	14	125	03.01-	112475	12	2.1	
		03.01-	113245	14	125					
		05.03-	113248	14	120					
		AC 06.02-	113245	14	125					
Trafic 2.5 Diesel	[8140.61.240]	09.80- 04.89	110889	14	75	03.80- 03.01	110814	12	2.7	
					03.89-	113134	12	2.2		
	[8140.67.2500]	03.89- 03.01	110889	14	75	03.89- 03.01	113134	12	2.2	
	[8140.67.2550]	03.89- 03.01	110889	14	75	03.89- 03.01	113134	12	2.2	
	[8140.67.2580]	03.89- 03.01	110889	14	75	03.89- 03.01	113134	12	2.2	
	[S8U720]	09.80- 09.81	110889	14	75	03.80- 03.01	110814	12	2.7	
					03.89-	113134	12	2.2		
	[S8U722]	09.80- 04.89	110889	14	75	03.80- 03.01	110814	12	2.7	
					03.89-	113134	12	2.2		
	[S8U750]	03.89- 03.01	110889	14	75	03.89- 03.01	113134	12	2.2	
	[S8U752]	03.89- 03.01	110889	14	75	03.89- 03.01	113134	12	2.2	
[S8U758]	05.89- 03.01	110889	14	75	05.89- 03.01	113134	12	2.2		

## STARTERS & ALTERNATORS



Trafic 2.5 Diesel 4x4	[8140.67.2500]	05.89-	110889	14 75	05.89-	113134	12 2.2	
	[8140.67.2580]	05.89-	110889	14 75	05.89-	113134	12 2.2	
	[814067.2500]	08.99-	110889	14 75	03.89- 10.97	113134	12 2.2	
	[814067.2550]	08.99-	110889	14 75				
	[814067.2580]	08.99-	110889	14 75	03.89- 10.97	113134	12 2.2	
	[S8U750]	05.89-	110889	14 75	05.89-	113134	12 2.2	
Twingo 1.1 100	[S8U752]	05.89-	110889	14 75	05.89-	113134	12 2.2	
	[S8U758]	08.99-	110889	14 75	08.99-	113134	12 2.2	
	[D4F780]	02.11-	114131	14 90	02.11-	114095	12 0.85	
	[D4F782]	02.11-	114131	14 90	02.11-	114095	12 0.85	
	Twingo 1.2	[C3G700]	03.93- 08.96	111803	14 60			
		[C3G702]	03.93- 08.97	111803	14 60			
[D7F700]		05.00-	113403	14 75	05.96- 02.04	111641	12 0.7	
		09.96- 02.98	112165	14 75	DR			
		09.96-	113577	14 75				
		AC 09.96- 01.98	112165	14 75				
[D7F701]		05.00-	113403	14 75	05.96- 02.04	111641	12 0.7	
		09.96- 02.98	112165	14 75	DR			
		09.96-	113577	14 75				
		AC 09.96- 01.98	112165	14 75				
[D7F702]		05.00-	113403	14 75	05.96- 02.04	111641	12 0.7	
		09.98-	113577	14 75				
[D7F703]		05.00-	113403	14 75	01.96- 02.04	111641	12 0.7	
[D7F704]		05.00-	113403	14 75	05.96-	111641	12 0.7	
		05.96-	113577	14 75				
		09.98-	113577	14 75	09.98-	111641	12 0.7	
	03.07-	114131	14 90	03.07-	114095	12 0.85		
	03.07-	115648	14 85					
Twingo 1.2 16V	[D4F702]	09.00-	113403	14 75	09.00- 02.04	111641	12 0.7	
	[D4F704]	01.01-	113403	14 75	09.00- 02.04	111641	12 0.7	
	[D4F708]	08.04-	113403	14 75				
	[D4F764]	03.07-	114131	14 90	03.07-	114095	12 0.85	
	[D4F772]	03.07-	114131	14 90	03.07-	114095	12 0.85	
	03.07-	115648	14 85					
Twingo 1.2 Turbo	[D4F780]	03.07-	114131	14 90	03.07-	114095	12 0.85	
	[D4F782]	03.07-	114131	14 90	03.07-	114095	12 0.85	
Twingo 1.2 LPG	[D7F702]	10.03-	113403	14 75	10.03-	111641	12 0.7	
	[D7F708]	10.03-	113403	14 75	10.03-	111641	12 0.7	
Twingo 1.5 DCi	[K9K718]	04.08-	114463	14 120	04.08-	113897	12 1.4	
	[K9K740]	03.07-	113940	14 110 A47, A49	03.07-	113897	12 1.4	
		03.07-	114463	14 120				
	[K9K820]				10.10-	113897	12 1.4	
Twingo 1.6 RS	[K4M754]				05.08-	114057	12 1.1	
	[K4M854]				05.08-	114057	12 1.1	
Vel Satis 2.0	[F4R867]				04.05-	114814	12 0.9	
Vel Satis 2.0 Turbo 16V	[F4R762]	06.02-	113245	14 125	06.02-	114814	12 0.9	
		06.02-	114122	14 150				
	[F4R763]	06.02-	113245	14 125	06.02-	114814	12 0.9	
		06.02-	114122	14 150				
	[F4R766]	04.04-	113837	14 150	04.04-	114814	12 0.9	
	[F4R767]				04.04-	114814	12 0.9	
Vel Satis 2.0 Turbo	[F4R867]				07.05-	114814	12 0.9	
Vel Satis 2.0 DCi	[M9R760]	08.05-	114509	14 150	08.05-	114074	12 2.2	
	[M9R762]	01.06-	114509	14 150	01.06-	114074	12 2.2	
	[M9R763]	01.06-	114509	14 150	01.06-	114074	12 2.2	
Vel Satis 2.2 DCi	[G9T702]	06.02-	113245	14 125	06.02-	112475	12 2.1	
	[G9T703]	06.02-	113245	14 125	06.02-	112475	12 2.1	
Vel Satis 2.2 DCi	[G9T600]	04.04-	114122	14 150	04.04-	114161	12 2.4	
	[G9T606]	09.04-	114122	14 150	09.04-	114161	12 2.4	
	[G9T607]	09.04-	114122	14 150	09.04-	114161	12 2.4	
	[G9T700]	09.04-	114122	14 150	09.04-	114161	12 2.4	
	[G9T702]	09.04-	114122	14 150	09.04-	114161	12 2.4	
Vel Satis 3.0 DCi	[P9X715]				06.06-	114526	12 2.0	
Vel Satis 3.5 V6	[V4Y701]	06.02-	114301	14 150	06.02-	115686	12 1.4	
	[V4Y711]				06.02-	115686	12 1.4	
Wind 1.1 100	[D4F780]	02.11-	114131	14 90	02.11-	114095	12 0.85	
Wind 1.2	[D4F782]	07.10-	114131	14 90	07.10-	114095	12 0.85	
Wind 1.6	[K4M854]	07.10-	115411	14 110	07.10-	114057	12 1.1	
<b>PASSENGER CARS US</b>								
Alliance 1.4					01.83- 01.87	110585	12 1.2	
Alliance 1.4 DL					01.83- 01.87	110585	12 1.2	
Alliance 1.4 L					01.83- 01.87	110585	12 1.2	
Alliance 1.4 Limited					01.83- 01.84	110585	12 1.2	
Duster 2.0					01.11-	115698	12 1.1	
Duster 2.0 4x4	[F4R]				02.12-	115698	12 1.1	
					01.11-	115698	12 1.1	
Duster 2.0 Flex					01.11-	115698	12 1.1	
Duster 2.0 Flex					10.11-	115698	12 1.1	
Encore 1.4					01.84- 01.86	110585	12 1.2	
Encore 1.4 GS					01.84- 01.84	110585	12 1.2	
Encore 1.4 LS					01.84- 01.86	110585	12 1.2	
Encore 1.4 S					01.84- 01.86	110585	12 1.2	
Fluence 2.0	[F4R872]				02.11-	115698	12 1.1	
Fuego 2.2					01.84- 01.85	111063	12 1.2	
Lecar 1.3					01.77- 01.79	110367	12 1.0	
Lecar 1.4					01.80- 01.83	110367	12 1.0	
Lecar 1.4 Deluxe					01.81- 01.83	110367	12 1.0	
Master 2.5 dCi 4x4	[G9U724]	10.04- 02.12	113245	14 125	10.04- 02.12	112475	12 2.1	
R10 1.3					01.68- 01.71	110367	12 1.0	
R16 1.6					01.69- 01.72	110367	12 1.0	
R5 1.3					01.76- 01.76	110367	12 1.0	
<b>PASSENGER CARS AO</b>								
Clio 1.0	[D7D760]	02.00- 05.01	113403	14 75	02.00- 05.01	111641	12 0.7	
Clio 1.2		10.05-	114131	14 90	10.05-	111641	12 0.7	
		10.05-	115653*	14 110				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**RENAULT** *Continued*

Espace 2.1 Diesel RTDT Quadra	[J8S772]	01.91- 05.92	111171	14	70				
		01.91- 05.92	111319	14	105				
Kangoo 1.6	[K7M746]					09.99- 06.01	115442	12 0.8	
Laguna 2.2 DCi Authentique	[G9T600]	04.04- 10.05	114122	14	150	04.04- 10.05	112475	12 2.1	
						04.04- 10.05	114161	12 2.4	
Logan 1.4	[K7J710]	09.04-	112144	14	98	09.04-	114180	12 0.8	
		09.04-	112199	14	75	09.04-	113932	12 0.85	
		09.04-	115655	14	110				
		09.04-	115656*	14	70				
Logan 1.6	[K7M710]	09.04-	112144	14	98	09.04-	114180	12 0.8	
		09.04-	115655	14	110	09.04-	113932	12 0.85	
		09.04-	115656*	14	70				
		04.07-	112199	14	75				
Logan 1.6 Express		04.07-	112144	14	98	04.07-	113932	12 0.85	
		04.07-	115655	14	110	04.07-	114180	12 0.8	
		04.07-	115656*	14	70	04.07-	114199	12 0.7	
Megane 2.0 Scenic RXE 4x4	[F3R750]					05.97- 10.99	111251	12 1.1	
						05.97- 10.99	115442	12 0.8	
Megane 2.0 DCi Dynamic	[M9R700]	09.05-	114768	14	120				
R19 1.2	[E7F730]					05.92- 09.94	111251	12 1.1	
R19 1.4	[E6J700]					07.88- 08.90	111251	12 1.1	
						07.88- 08.90	113481	12 1.4	
						07.88- 08.90	111251	12 1.1	
						07.88- 08.90	113481	12 1.4	
						09.90- 04.92	111251	12 1.1	
	[E6J701]					10.94- 11.95	111251	12 1.1	
	[E7J700]								
	[E7J706]								
R19 1.7	[F3N746]					06.89- 04.92	111251	12 1.1	
Sandero 1.4	[K7J710]	02.09-	112144	14	98	02.09-	114180	12 0.8	
		02.09-	112199	14	75	02.09-	113932	12 0.85	
		02.09-	115655	14	110				
		02.09-	115656*	14	70				
Sandero 1.6	[K7M710]	02.09-	112144	14	98	02.09-	113932	12 0.85	
		02.09-	112199	14	75	02.09-	114180	12 0.8	
		02.09-	115655	14	110				
		02.09-	115656*	14	70				
Scenic 1.6	[K4M708]	03.01- 08.03	112144	14	98	03.01- 08.03	112218	12 1.0	
		03.01- 08.03	112199	14	75				
	[K4M709]	03.01- 08.03	112144	14	98	03.01- 08.03	112218	12 1.0	
		03.01- 08.03	112199	14	75				
		03.01- 08.03	115711	14	120				
Scenic 1.9 Diesel	[F9Q812]	06.06-	112144	14	98	06.06-	112474	12 1.8	
		06.06-	113919	14	125				
Thalia 1.5 DCi RT	[K9K702]	06.06-	112144	14	98	06.06-	112474	12 1.8	
		06.06-	113919	14	125				
		06.01- 10.03	113862	14	125	06.01- 10.03	113927	12 1.1	
		06.01- 10.03	113940	14	110 A49, A47				
Trafic 2.5 DCi		08.07-	113837	14	150				
Vel Satis 3.5	[V4Y715]	10.04-	114301	14	150				
<b>AGRICULTURE</b>									
Various models 926 936	[BF6L1013FL]	01.02- 01.03	115833	14	120				
<b>MARINE</b>									
Various models			110048	14	35				
<b>Renault Agriculture</b>									
<b>AGRICULTURE</b>									
610 RX,RZ	[6059D]		114513	14	95				
620 RX,RZ	[6068D]		114513	14	95				
630 RX,RZ	[6068T]		114513	14	95				
640 RZ	[6068T]		114513	14	95				
710	[DPSG-6068T1]		114514	14	95		113532	12 3.0	
720	[DPSG-6068T2]						113532	12 3.0	
725 6.8	[HRT51]		114514	14	95		113532	12 3.0	
735 6.8	[HRT52]		114514	14	95		113532	12 3.0	
815 6.8	[TRT52]		114514	14	95		113532	12 3.0	
825 6.8	[HRT51]		114514	14	95		113532	12 3.0	
836	[DPSG-6068T2]						113532	12 3.0	
Various models							111332	12 2.7	
							113432		
<b>Renault Trucks</b>									
<b>PASSENGER CARS EU</b>									
150.35 3.0 Diesel						05.04- 12.13	114032	12 2.5	
Mascott 3.0 Diesel	[DXI3]					07.04- 12.13	114032	12 2.5	
<b>Renault V.I.</b>									
<b>PASSENGER CARS EU</b>									
110.35 2.8	(Mascott)[8140.43.B.3586]	01.99- 06.04	114701	14	120	01.99- 06.04	112441	12 2.3	
						01.99- 06.04	115505	12 2.3 A49	
	(Mascott)[8140.43.B.3588]	01.99- 06.04	114701	14	120	01.99- 06.04	112441	12 2.3	
						01.99- 06.04	115505	12 2.3 A49	
110.50 2.8	(Mascott)[8140.43.C.2586]	01.99- 01.01	113280	14	90	01.99- 01.01	112441	12 2.3	
		01.99- 06.04	114701	14	120	01.99- 06.04	115505	12 2.3 A49	
	(Mascott)[8140.43.B.3586]	01.99- 06.04	114701	14	120	01.99- 06.04	112441	12 2.3	
						01.99- 06.04	115505	12 2.3 A49	
110.55 2.8	(Mascott)[8140.43.B.3586]	01.99- 06.04	114701	14	120	01.99- 06.04	112441	12 2.3	
						01.99- 06.04	115505	12 2.3 A49	
	(Mascott)[8140.43.B.3588]	01.99- 06.04	114701	14	120	01.99- 06.04	112441	12 2.3	
						01.99- 06.04	115505	12 2.3 A49	
110.60 2.8	(Mascott)[8140.43.B.3586]	01.99- 01.01	113280	14	90	01.99- 01.01	112441	12 2.3	
		01.99- 06.04	114701	14	120	01.99- 06.04	115505	12 2.3 A49	
	(Mascott)[8140.43.B.3588]	01.99- 06.04	114701	14	120	01.99- 06.04	112441	12 2.3	
						01.99- 06.04	115505	12 2.3 A49	



	(Mascott)[8140.43.C.2586]	01.99- 01.01	113280	14 90	01.99- 01.01	112441	12 2.3	
		01.99- 06.04	114701	14 120	01.99- 06.04	115505	12 2.3	A49
120.35 3.0	(Mascott)[DXi3]				05.04-	114032	12 2.5	
	(Mascott)[ZD3A600]	05.04- 12.10	115317	14 120	05.04-	114032	12 2.5	
120.55 3.0	(Mascott)[DXi3]				05.04-	114032	12 2.5	
	(Mascott)[ZD3A600]				05.04-	114032	12 2.5	
120.65 3.0	(Mascott)[DXi3]				05.04-	114032	12 2.5	
	(Mascott)[ZD3A600]				05.04-	114032	12 2.5	
130.35 2.8	(Mascott)[8140.43.S.2585]	01.99- 01.01	113280	14 90	01.99- 01.01	112441	12 2.3	
		01.99- 06.04	114701	14 120	01.99- 06.04	115505	12 2.3	A49
	(Mascott)[8140.43.S.3585]	01.99- 06.04	114701	14 120	01.99- 06.04	112441	12 2.3	
					01.99- 06.04	115505	12 2.3	A49
130.55 2.8	(Mascott)[8140.43.S.2585]	01.99- 01.01	113280	14 90	01.99- 01.01	112441	12 2.3	
		01.99- 06.04	114701	14 120	01.99- 06.04	115505	12 2.3	A49
	(Mascott)[8140.43.S.3585]	01.99- 06.04	114701	14 120	01.99- 06.04	112441	12 2.3	
					01.99- 06.04	115505	12 2.3	A49
130.65 2.8	(Mascott)[8140.43.S.2585]	01.99- 01.01	113280	14 90	01.99- 01.01	112441	12 2.3	
		01.99- 06.04	114701	14 120	01.99- 06.04	115505	12 2.3	A49
	(Mascott)[8140.43.S.3585]	01.99- 06.04	114701	14 120	01.99- 06.04	112441	12 2.3	
					01.99- 06.04	115505	12 2.3	A49
140.35 2.8	(Mascott)[8140.43k]	01.01-	113280	14 90	01.01-	112441	12 2.3	
		01.01- 06.04	114701	14 120	01.01- 06.04	115505	12 2.3	A49
140.55 2.8	(Mascott)[8140.43k]	01.01-	113280	14 90	01.01-	112441	12 2.3	
		01.01- 06.04	114701	14 120	01.01- 06.04	115505	12 2.3	A49
140.65 2.8	(Mascott)[8140.43k]	01.01-	113280	14 90	01.01- 06.04	115505	12 2.3	A49
		01.01- 06.04	114701	14 120	01.01-	112441	12 2.3	
150.35 2.8	(Mascott)[8140.43N.3585]	10.01-	113280	14 90	10.01-	112441	12 2.3	
		10.01- 06.04	114701	14 120	10.01- 06.04	115505	12 2.3	A49
150.55 2.8	(Mascott)[8140.43N.3585]	10.01-	113280	14 90	10.01-	112441	12 2.3	
		10.01- 06.04	114701	14 120	10.01- 06.04	115505	12 2.3	A49
150.65 2.8	(Mascott)[8140.43N.3585]	10.01-	113280	14 90	10.01-	112441	12 2.3	
		10.01- 06.04	114701	14 120	10.01- 06.04	115505	12 2.3	A49
160.35 3.0	(Mascott)[DXi3]	05.04- 12.10	113993	14 135	05.04-	114032	12 2.5	
	(Mascott)[ZD3A604]	05.04- 12.10	115317	14 120				
		05.04- 12.10	113993	14 135	05.04-	114032	12 2.5	
		05.04- 12.10	115317	14 120				
160.55 3.0	(Mascott)[DXi3]				05.04-	114032	12 2.5	
	(Mascott)[ZD3A604]				05.04-	114032	12 2.5	
160.65 3.0	(Mascott)[DXi3]				05.04-	114032	12 2.5	
	(Mascott)[ZD3A604]				05.04-	114032	12 2.5	
90.35 2.8	(Mascott)[8140.63.2585]	01.99- 01.01	113280	14 90	01.99- 01.01	112441	12 2.3	
		01.99- 12.01	114701	14 120	01.99- 12.01	115505	12 2.3	A49
B 110.45 2.8	(Messenger)[8140.23.2565]	06.96- 06.99	110889	14 75	06.96- 06.99	113134	12 2.2	
		06.96- 06.99	111319	14 105				
	(Messenger)[8140.23.2585]	06.96- 06.99	110889	14 75	06.96- 06.99	113134	12 2.2	
		06.96- 06.99	111319	14 105				
B 120.35 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14 75	06.96- 06.99	113134	12 2.2	
		06.96- 06.99	111319	14 105				
B 120.55 2.5	(Messenger)[8140.47.2585]	07.94- 07.96	110889	14 75				
		07.94- 07.96	111319	14 105	07.94- 07.96	113134	12 2.2	
B 120.55 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14 75				
		06.96- 06.99	111319	14 105	06.96- 06.99	113134	12 2.2	
B 120.65 2.5	(Messenger)[8140.47.2585]	07.94- 07.96	110889	14 75	07.94- 07.96	113134	12 2.2	
		07.94- 07.96	111319	14 105				
B 120.65 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14 75	06.96- 06.99	113134	12 2.2	
		06.96- 06.99	111319	14 105				
B 70 2.4 Diesel	[8140.61.235]	01.83- 12.90	110889	14 75	11.85- 12.90	113134	12 2.2	
B 80.35 2.5	(Messenger)[8140.07.2530ID]	08.90- 06.94	110889	14 75	08.90- 06.94	113134	12 2.2	
		08.90- 06.94	111319	14 105				
	(Messenger)[8140.07.2585]	07.94- 07.96	110889	14 75	07.94- 07.96	113134	12 2.2	
		07.94- 07.96	111319	14 105				
	(Messenger)[8140.67.2585]	06.96- 06.99	110889	14 75	06.96- 06.99	113134	12 2.2	
		06.96- 06.99	111319	14 105				
B 80.45 2.5	(Messenger)[8140.07.2530ID]	08.90- 06.94	110889	14 75	08.90- 07.96	113134	12 2.2	
		08.90- 06.94	111319	14 105				
	(Messenger)[8140.07.2585]	07.94- 07.96	110889	14 75	07.94- 07.96	113134	12 2.2	
		07.94- 07.96	111319	14 105				
	(Messenger)[8140.67.2585]	06.96- 06.99	110889	14 75				
		06.96- 06.99	111319	14 105	06.96- 06.99	113134	12 2.2	
B 90 2.4 Diesel	[8140.21.235 IDS]	01.86- 06.94	110889	14 75	04.86- 01.92	113134	12 2.2	
B 90 2.5 Diesel	[8140.27.2530 IDS]	08.90- 01.92	110889	14 75	08.90- 01.92	113134	12 2.2	
		08.90- 01.92	111319	14 105				
<b>TRUCKS EU</b>								
300 9.8	(Ares)[MIDR 06.20.45 R41]	04.98-	112189	28 80	04.98-	112189	28 80	
		04.98-	112343	28 140				
340 9.8	(Ares)[MIDR 06.20.45 M41]	04.98-	112189	28 80	04.98-	112189	28 80	
		04.98-	112343	28 140				
380 11.1	(Ares)[MIDR 06.23.56 A41]	06.00-	112189	28 80	06.00-	112189	28 80	
		06.00-	112343	28 140				
110.28 2.5	(Mascott)[DXi2,5]	03.07-	114244	14 130				
	(Maxity)	03.07-	114244	14 130				
110.32 2.5	(Maxity)[DXi2,5]	03.07-	114244	14 130				
110.35 2.5	(Maxity)[DXi2,5]	03.07-	114244	14 130				
130.35 2.5	(Maxity)[DXi2,5]	03.07-	114244	14 130				
130.45 2.5	(Maxity)[DXi2,5]	03.07-	114244	14 130				
135.08 4.1	(Midlum)[MIDR04.02.26A/4]	01.00-	115454	28 40				
		02.00- 06.01	112189	28 80	01.00-	113466	24 4.0	
135.09 4.1	(Midlum)[MIDR04.02.26A/4]	01.00-	115454	28 40				
		02.00- 06.01	112189	28 80	01.00-	113466	24 4.0	
135.10 4.1	(Midlum)[MIDR04.02.26A/4]	01.00-	115454	28 40				
		02.00- 06.01	112189	28 80	01.00-	113466	24 4.0	
150.08 4.1	(Midlum)[DCi4B]	10.01-	112189	28 80	10.01-	113466	24 4.0	
	(Midlum)[MIDR04.02.26B/4]	01.00-	115454	28 40				
		02.00- 06.01	112189	28 80	01.00-	113466	24 4.0	
150.09 4.1	(Midlum)[MIDR04.02.26B/4]	01.00-	115454	28 40				
		02.00- 06.01	112189	28 80	01.00-	113466	24 4.0	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

RENAULT V.I. Continued

150.10 4.1	(Midlum)[DCi4B] (Midlum)[MIDR04.02.26B/4]	10.01- 01.00- 02.00- 06.01	112189 115454 112189	28 80 28 40 28 80	10.01- 01.00- 11.00-	113466 113466 113466	24 4.0 24 4.0 24 4.0
150.12 4.1	(Midlum)[DCi4B] (Midlum)[MIDR04.02.26B/4]	02.00- 06.01	112189	28 80	01.00- 01.00-	113466 113466	24 4.0 24 4.0
160.08 4.8	(Midlum)[DXi5]	05.06- 05.06- 05.06-	110163 111331 114303	28 45 28 60 28 100	05.06- 05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
160.10 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
160.12 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
180.08 4.1	(Midlum)[DCi4C]	07.01-	112189	28 80	10.01- 01.00-	113466 113466	24 4.0 24 4.0
180.08 6.2	(Midlum)[MIDR06.02.26V/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
180.09 6.2	(Midlum)[MIDR06.02.26V/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
180.10 4.1	(Midlum)[DCi4C]	07.01-	112189	28 80	10.01-	113466	24 4.0
180.10 6.2	(Midlum)[MIDR06.02.26V/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
180.12 4.1	(Midlum)[DCi4C]	07.01-	112189	28 80	10.01-	113466	24 4.0
180.12 6.2	(Midlum)[MIDR06.02.26V/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
190.08 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
190.10 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
190.12 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
190.13 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
190.14 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
190.16 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
210.08 6.2	(Midlum)[MIDR06.02.26W/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
210.09 6.2	(Midlum)[MIDR06.02.26W/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
210.10 6.2	(Midlum)[MIDR06.02.26W/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
210.12 6.2	(Midlum)[MIDR06.02.26W/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
210.13 6.2	(Midlum)[MIDR06.02.26W/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
210.14 6.2	(Midlum)[MIDR06.02.26W/4]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
210.15 6.2	(Midlum)[MIDR06.02.26W/4]	01.00- 06.01 01.00-	112189 115454	28 80 28 40	01.00-	113466	24 4.0
210.16 6.2	(Distribution)[MIDR06.02.26W/4] (Midlum)	04.96- 12.99 02.00- 06.01	112189 112189	28 80 28 80	04.96- 01.00-	113466 113466	24 4.0 24 4.0
210.18 6.2	(Distribution)[MIDR06.02.26W/4]	04.96-	112189	28 80	04.96-	113466	24 4.0
220.08 4.8	(Midlum)[DXi5]				05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
220.08 6.2	(Midlum)[DCi6W]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
220.10 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
220.10 6.2	(Midlum)[DCi6W]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
220.12 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
220.12 6.2	(Midlum)[DCi6W]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
220.13 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
220.13 6.2	(Midlum)[DCi6W]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
220.14 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
220.14 6.2	(Midlum)[DCi6W]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
220.15 6.2	(Midlum)[DCi6W]	07.01-	112189	28 80	10.01-	113466	24 4.0
220.16 4.8	(Midlum)[DXi5]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
220.16 6.2	(Midlum)[DCi6W]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
220.18 6.2	(Distribution)[DCi6W] (Midlum)	04.96- 07.01-	112189 112189	28 80 28 80	04.96- 10.01-	113466 113466	24 4.0 24 4.0
240.12 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
240.13 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
240.14 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
240.15 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
240.16 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
240.18 7.2	(Distribution)[DXi7] (Midlum)	05.06- 05.06-	114303 114303	28 100 28 100	05.06- 05.06-	114733 115894	24 5.5 24 5.5 A49
250.12 6.2	(Midlum)[MIDR06.02.26Y/41]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
250.13 6.2	(Midlum)[MIDR06.02.26Y/41]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
250.14 6.2	(Midlum)[MIDR06.02.26Y/41]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
250.15 6.2	(Midlum)[MIDR06.02.26Y/41]	02.00- 06.01	112189	28 80	01.00-	113466	24 4.0
250.16 6.2	(Distribution)[MIDR06.02.26Y/41] (Midlum)	04.96- 12.99 02.00- 06.01	112189 112189	28 80 28 80	04.96- 01.00-	113466 113466	24 4.0 24 4.0
250.18 6.2	(Distribution)[MIDR06.02.26Y/41]	04.96-	112189	28 80	04.96-	113466	24 4.0
250.19 6.2	(Distribution)[MIDR06.02.26Y/41]	04.96- 12.99	112189	28 80	04.96-	113466	24 4.0
260.16 9.8	(Distribution)[MIDR06.20.45C/4]	04.96- 12.99	112189	28 80	04.96- 09.98	111231	24 6.6
260.18 9.8	(Distribution)[MIDR06.20.45C/4] (Kerax)	04.96- 12.99 06.97-	112189 112189	28 80 28 80	06.97- 12.99 06.97- 06.97-	111231 113676 115883	24 6.6 24 5.5 24 5.5 A49
260.19 9.8	(Distribution)[MIDR06.20.45C/4]	04.96- 12.99	112189	28 80	04.96- 09.98	111231	24 6.6
270.12 6.2	(Midlum)[DCi6A]	07.01-	112189	28 80	10.01-	113466	24 4.0
270.13 6.2	(Midlum)[DCi6A]	07.01-	112189	28 80	10.01-	113466	24 4.0
270.14 6.2	(Midlum)[DCi6A]	07.01-	112189	28 80	10.01-	113466	24 4.0
270.16 6.2	(Midlum)[DCi6A]	07.01-	112189	28 80	10.01-	113466	24 4.0

## STARTERS & ALTERNATORS



270.18 11.1	(Kerax)[DCi11-270]	01.01-	114508	28 90	01.01-	113672	24 5.5	
					01.01-	113673	24 5.5	
					01.01- 12.01	115881	24 5.5 A49	
					01.01- 12.01	115882	24 5.5 A49	
270.18 6.2	(Midlum)[DCi6A]	07.01-	112189	28 80	10.01-	113466	24 4.0	
270.18 7.2	(Lander)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5	
					10.06-	115894	24 5.5 A49	
270.19 7.2	(Distribution)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5	
					10.06-	115894	24 5.5 A49	
	(Lander)	10.06-	114303	28 100	10.06-	114733	24 5.5	
					10.06-	115894	24 5.5 A49	
280.12 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5	
280.13 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	115894	24 5.5 A49	
					05.06-	115894	24 5.5 A49	
280.14 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5	
280.16 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	115894	24 5.5 A49	
					05.06-	115894	24 5.5 A49	
280.18 7.2	(Distribution)[DXi7]	10.05-	114303	28 100	10.05-	114733	24 5.5	
					10.05-	115894	24 5.5 A49	
	(Midlum)	05.06-	114303	28 100	05.06-	114733	24 5.5	
					05.06-	115894	24 5.5 A49	
280.26 7.2	(Distribution)[DXi7]	10.05-	114303	28 100	10.05-	114733	24 5.5	
					10.05-	115894	24 5.5 A49	
	(Route)	02.96- 12.99	112189	28 80	02.96-	113676	24 5.5	
					12.99	115883	24 5.5 A49	
300.16 9.8	(Distribution)[MIDR06.20.45D/41]	02.96- 12.99	112189	28 80	04.96-	113676	24 5.5	
					04.96-	115883	24 5.5 A49	
	(Route)	02.96- 12.99	112189	28 80	09.96-	113676	24 5.5	
					09.96-	115883	24 5.5 A49	
	300.18 9.8	(Distribution)[MIDR06.20.45D/41]	04.96-	112189	28 80	04.96- 09.98	111231	24 6.6
						04.96-	113676	24 5.5
		(Kerax)	01.00-	112189	28 80	04.96-	115883	24 5.5 A49
						01.00-	112189	28 80
(Route)		02.96- 12.99	112189	28 80	06.97- 12.99	111231	24 6.6	
					06.97-	113676	24 5.5	
					06.97-	115883	24 5.5 A49	
					09.96- 09.98	111231	24 6.6	
300.19 9.8	(Distribution)[MIDR06.20.45D/41]	02.96- 12.99	112189	28 80	09.96-	113676	24 5.5	
					09.96-	115883	24 5.5 A49	
	(Route)	02.96- 12.99	112189	28 80	04.96-	113676	24 5.5	
					04.96-	115883	24 5.5 A49	
300.26 9.8	(Distribution)[MIDR06.20.45D/41]	04.96-	112189	28 80	04.96- 09.98	111231	24 6.6	
					04.96-	113676	24 5.5	
	(Kerax)	01.00-	112189	28 80	04.96-	115883	24 5.5 A49	
					01.00-	112189	28 80	
	(Kerax)[MIDR06.20.45E/41]	01.00-	112189	28 80	06.97- 12.99	111231	24 6.6	
					06.97-	113676	24 5.5	
					06.97-	115883	24 5.5 A49	
					06.97-	115883	24 5.5 A49	
310.18 7.2	(Distribution)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5	
310.19 7.2	(Lander)[DXi7]	10.06-	114303	28 100	10.06-	115894	24 5.5 A49	
					10.06-	115894	24 5.5 A49	
310.26 7.2	(Distribution)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5	
					10.06-	115894	24 5.5 A49	
	(Lander)	10.06-	114303	28 100	10.06-	114733	24 5.5	
					10.06-	115894	24 5.5 A49	
320.18 11.1	(Distribution)[dCi11G]	08.00-	114508	28 90	08.00-	113673	24 5.5	
					04.01-	112189	28 80	
	(Kerax)	01.01-	114508	28 90	08.00-	113672	24 5.5	
					08.00-	115881	24 5.5 A49	
(Route)	08.00-	114508	28 90	08.00-	115882	24 5.5 A49		
				04.01-	112189	28 80		
				08.00-	113673	24 5.5		
				08.00-	113672	24 5.5		
320.18 7.2	(Distribution)[DXi7]	10.05-	114303	28 100	08.00-	115881	24 5.5 A49	
					08.00-	115882	24 5.5 A49	
320.24 11.1	(Distribution)[dCi11G]	08.00-	114508	28 90	10.05-	114733	24 5.5	
					10.05-	115894	24 5.5 A49	
	(Kerax)	01.01-	112189	28 80	08.00-	113673	24 5.5	
					08.00-	113672	24 5.5	
320.26 11.1	(Distribution)[dCi11G]	08.00-	112189	28 80	08.00-	115881	24 5.5 A49	
					08.00-	115882	24 5.5 A49	
	(Kerax)	01.01-	114508	28 90	08.00-	113672	24 5.5	
					01.01-	113673	24 5.5	
(Route)	01.01-	114508	28 90	01.01-	115881	24 5.5 A49		
				01.01-	115882	24 5.5 A49		
				01.01-	113672	24 5.5		
				01.01-	113673	24 5.5		
320.26 7.2	(Distribution)[DXi7]	10.05-	114303	28 100	10.05-	114733	24 5.5	
					10.05-	115894	24 5.5 A49	
330.18 10.8	(Route)[DXi11]	10.05-	114846	28 130				
340.18 7.2	(Distribution)[DXi7]	10.06-	114303	28 100	MI 10.05-	114880	28 110 MI	
					10.06-	114303	28 100	
(Lander)	10.06-	114303	28 100	10.06-	114733	24 5.5		
				10.06-	115894	24 5.5 A49		
(Lander)	10.06-	114303	28 100	10.06-	114733	24 5.5		
				10.06-	115894	24 5.5 A49		

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

RENAULT V.I. Continued

340.18 9.8	(Kerax)[MIDR06.20.45C/4]	06.97-	112189	28 80	06.97- 12.99	111231	24 6.6
					06.97-	113676	24 5.5
					06.97-	115883	24 5.5 A49
	(Distribution)[MIDR06.20.45E/41]	04.96-	112189	28 80	04.96- 12.99	111231	24 6.6
					04.96-	113676	24 5.5
					04.96-	115883	24 5.5 A49
	(Kerax)	06.97-	112189	28 80	06.97- 12.99	111231	24 6.6
					06.97-	113676	24 5.5
					06.97-	115883	24 5.5 A49
	(Route)	01.00-	112189	28 80	04.96- 11.99	111231	24 6.6
					04.96-	113676	24 5.5
340.19 7.2	(Distribution)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5
					10.06-	115894	24 5.5 A49
	(Lander)	10.06-	114303	28 100	10.06-	114733	24 5.5
					10.06-	115894	24 5.5 A49
					04.96- 12.99	111231	24 6.6
					04.96-	113676	24 5.5
340.19 9.8	(Distribution)[MIDR06.20.45E/41]	04.96- 12.99	112189	28 80	04.96-	113676	24 5.5
	(Route)	01.00-	112189	28 80	04.96-	115883	24 5.5 A49
340.24 9.8	(Route)[MIDR06.20.45E/41]	01.00-	112189	28 80	04.96-	113676	24 5.5
					04.96-	115883	24 5.5 A49
340.26 7.2	(Distribution)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5
					10.06-	115894	24 5.5 A49
	(Lander)	10.06-	114303	28 100	10.06-	114733	24 5.5
					10.06-	115894	24 5.5 A49
	(Premium 2)	10.06-	114303	28 100	10.06-	114733	24 5.5
					10.06-	115894	24 5.5 A49
					04.96-	115883	24 5.5 A49
340.26 9.8	(Distribution)[MIDR06.20.45E/41]	04.96-	112189	28 80	04.96- 12.99	111231	24 6.6
					04.96-	113676	24 5.5
	(Kerax)	06.97- 01.01	112189	28 80	06.97- 12.99	111231	24 6.6
					06.97- 01.01	113676	24 5.5
					06.97- 01.01	115883	24 5.5 A49
	(Route)	01.00-	112189	28 80	04.96- 11.99	111231	24 6.6
					04.96-	113676	24 5.5
					04.96-	115883	24 5.5 A49
					06.97- 12.99	111231	24 6.6
					06.97-	113673	24 5.5
340.32 9.8	(Kerax)[MIDR06.20.45E/41]	06.97-	112189	28 80	06.97-	113676	24 5.5
					06.97-	115882	24 5.5 A49
					06.97-	115883	24 5.5 A49
					01.03-	113676	24 5.5
					01.03-	115883	24 5.5 A49
350.34 11.1	(Kerax)[MIDR06.23.56A/3]						
370.18 10.8	(Distribution)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
		10.05-	114846	28 130	10.05-	115877	24 5.5 A49
		10.05-	115878	28 90 A49			
		MI 10.05-	114880	28 110 MI			
	(Kerax)	MI 10.05-	114407	28 90	10.05-	114193	24 5.5
		MI 10.05-	114846	28 130	10.05-	115593	24 5.5
		MI 10.05-	115878	28 90 A49			
		MI 10.05-	114880	28 110 MI			
					10.05-	115877	24 5.5 A49
370.18 11.1	(Distribution)[dCi11E]	08.00-	114508	28 90	08.00-	113673	24 5.5
		04.01-	112189	28 80	08.00-	113672	24 5.5
					08.00-	115881	24 5.5 A49
					08.00-	115882	24 5.5 A49
	(Kerax)	01.01-	112189	28 80	01.01-	113672	24 5.5
		01.01-	114508	28 90	01.01-	113673	24 5.5
					01.01-	115881	24 5.5 A49
					01.01-	115882	24 5.5 A49
	(Route)	08.00-	114508	28 90	08.00-	113673	24 5.5
		04.01-	112189	28 80	08.00-	113672	24 5.5
					08.00-	115881	24 5.5 A49
					08.00-	115882	24 5.5 A49
370.24 11.1	(Distribution)[dCi11E]	08.00-	112189	28 80	08.00-	113672	24 5.5
		08.00-	114508	28 90	08.00-	113673	24 5.5
					08.00-	115881	24 5.5 A49
					08.00-	115882	24 5.5 A49
	(Route)	08.00-	114508	28 90	08.00-	113673	24 5.5
		04.01-	112189	28 80	08.00-	113672	24 5.5
					08.00-	115881	24 5.5 A49
					08.00-	115882	24 5.5 A49
370.26 10.8	(Distribution)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
		10.05-	114846	28 130	10.05-	115877	24 5.5 A49
		10.05-	115878	28 90 A49			
		MI 10.05-	114880	28 110 MI			
	(Kerax)	MI 10.05-	114407	28 90	10.05-	114193	24 5.5
		MI 10.05-	114846	28 130	10.05-	115593	24 5.5
		MI 10.05-	115878	28 90 A49			
		MI 10.05-	114880	28 110 MI			
					10.05-	115877	24 5.5 A49
370.26 11.1	(Distribution)[dCi11E]	08.00-	114508	28 90	08.00-	113673	24 5.5
		04.01-	112189	28 80	08.00-	113672	24 5.5
					08.00-	115881	24 5.5 A49
					08.00-	115882	24 5.5 A49
	(Kerax)	01.01-	112189	28 80	01.01-	113672	24 5.5
		01.01-	114508	28 90	01.01-	113673	24 5.5
					01.01-	115881	24 5.5 A49
					01.01-	115882	24 5.5 A49
	(Route)	08.00-	114508	28 90	08.00-	113673	24 5.5
		04.01-	112189	28 80	08.00-	113672	24 5.5
					08.00-	115881	24 5.5 A49
					08.00-	115882	24 5.5 A49
370.32 10.8	(Kerax)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5
		10.05-	114846	28 130	10.05-	115593	24 5.5
		10.05-	115878	28 90 A49			
		MI 10.05-	114880	28 110 MI	10.05-	115877	24 5.5 A49



370.32 11.1	(Kerax)[dCi11E]	01.01-	112189	28 80	01.01-	113672	24 5.5	
		01.01-	114508	28 90	01.01-	113673	24 5.5	
					01.01-	115881	24 5.5 A49	
					01.01-	115882	24 5.5 A49	
380.18 10.8	(Distribution)[DXi11]	10.06-	114846	28 130				
		MI 10.06-	114880	28 110 MI				
	(Kerax)	MI 02.13-	114846	28 130	02.13-	114193	24 5.5	
		MI			02.13-	115877	24 5.5 A49	
380.19 10.8	(Distribution)[DXi11]	10.06-	114846	28 130				
		MI 10.06-	114880	28 110 MI				
	(Lander)	MI 10.06-	114846	28 130				
		MI 10.06-	114880	28 110 MI				
	(Route)	MI 10.06-	114846	28 130				
		MI 10.06-	114880	28 110 MI				
380.26 10.8	(Distribution)[DXi11]	10.06-	114846	28 130				
		MI 10.06-	114880	28 110 MI				
	(Lander)	MI 10.06-	114846	28 130				
		MI 10.06-	114880	28 110 MI				
	(Route)	MI 10.06-	114846	28 130				
		MI 10.06-	114880	28 110 MI				
380.32 10.8	(Lander)[DXi11]	10.06-	114846	28 130				
		MI 10.06-	114880	28 110 MI				
385.18 11.1	(Kerax)[MIDR06.23.56A/41]	06.97-	112189	28 80	06.97- 12.99	111231	24 6.6	
					06.97-	113676	24 5.5	
				06.97-	115883	24 5.5 A49		
	(Route)	02.96- 12.99	112189	28 80	04.96- 12.99	111231	24 6.6	
					04.96-	113676	24 5.5	
					04.96-	115883	24 5.5 A49	
	(Route)[MIDR06.23.56B/41]	04.96-	112189	28 80	04.96- 12.99	111231	24 6.6	
				04.96-	113676	24 5.5		
				04.96-	115883	24 5.5 A49		
385.19 11.1	(Route)[MIDR06.23.56A/41]	04.96-	112189	28 80	04.96-	115883	24 5.5 A49	
					04.96-	113676	24 5.5	
	(Route)[MIDR06.23.56B/41]	04.96-	112189	28 80	04.96-	113676	24 5.5	
				04.96-	115883	24 5.5 A49		
385.24 11.1	(Route)[MIDR06.23.56A/41]	04.96- 03.01	112189	28 80 BO	04.96- 12.99	111231	24 6.6	
					04.96-	113676	24 5.5	
					04.96-	115883	24 5.5 A49	
	(Route)[MIDR06.23.56B/41]	04.96- 03.01	112189	28 80 BO	04.96- 12.99	111231	24 6.6	
				04.96-	113676	24 5.5		
				04.96-	115883	24 5.5 A49		
385.26 11.1	(Kerax)[MIDR06.23.56A/41]	01.00-	112076	28 80	06.97-	115883	24 5.5 A49	
		06.97-	112189	28 80	06.97- 12.99	111231	24 6.6	
				06.97-	113676	24 5.5		
	(Route)				04.96- 12.99	111231	24 6.6	
				04.96-	113676	24 5.5		
				04.96-	115883	24 5.5 A49		
	(Route)[MIDR06.23.56B/41]	04.96-	112189	28 80	04.96- 12.99	111231	24 6.6	
				04.96-	113676	24 5.5		
				04.96-	115883	24 5.5 A49		
385.32 11.1	(Kerax)[MIDR06.23.56A/41]	01.00-	112189	28 80	06.97-	111231	24 6.6	
					06.97-	113676	24 5.5	
					06.97-	115883	24 5.5 A49	
					06.97-	115883	24 5.5 A49	
400.18 11.1	(Route)[MIDR06.23.56A/41]	04.96-	112189	28 80	04.96- 12.99	111231	24 6.6	
					04.96-	113676	24 5.5	
				04.96-	115883	24 5.5 A49		
	(Distribution)[MIDR06.23.56B/41]				01.00-	113676	24 5.5	
					01.00-	115883	24 5.5 A49	
	(Kerax)	01.00-	112189	28 80	01.00-	111231	24 6.6	
				01.00-	113676	24 5.5		
				01.00-	115883	24 5.5 A49		
	(Route)	01.00-	112189	28 80	04.96-	115883	24 5.5 A49	
				04.96- 12.99	111231	24 6.6		
				04.96-	113676	24 5.5		
400.18 12.0	(E. tech)[MACKE. TECHA/46]	03.01-	112189	28 80	05.00-	114100	24 7.5	
					05.00-	115893	24 7.2 A49	
400.19 11.1	(Route)[MIDR06.23.56A/41]	04.96-	112189	28 80	04.96-	115883	24 5.5 A49	
					04.96-	113676	24 5.5	
	(Route)[MIDR06.23.56B/41]	04.96-	112189	28 80	04.96-	113676	24 5.5	
				04.96-	115883	24 5.5 A49		
400.24 11.1	(Route)[MIDR06.23.56A/41]	04.96-	112189	28 80	04.96- 12.99	111231	24 6.6	
					04.96-	113676	24 5.5	
				04.96-	115883	24 5.5 A49		
	(Route)[MIDR06.23.56B/41]	04.98- 03.01	112189	28 80 BO	04.96- 12.99	111231	24 6.6	
				04.96-	113676	24 5.5		
				04.96-	115883	24 5.5 A49		
400.24 12.0	(E. tech)[MACKE. TECHA/46]	03.01-	112189	28 80	05.00-	114100	24 7.5	
					05.00-	115893	24 7.2 A49	
400.26 11.1	(Route)[MIDR06.23.56A/41]	04.96-	112189	28 80	04.96- 12.98	111231	24 6.6	
					04.96-	113676	24 5.5	
				04.96-	115883	24 5.5 A49		
	(Kerax)[MIDR06.23.56B/41]	01.00-	112189	28 80	01.00-	111231	24 6.6	
					09.98-	113676	24 5.5	
				09.98-	115883	24 5.5 A49		
	(Route)				04.96- 12.99	111231	24 6.6	
				04.96-	113676	24 5.5		
				04.96-	115883	24 5.5 A49		
400.26 12.0	(E. tech)[MACKE. TECHA/46]	03.01-	112189	28 80	05.00-	114100	24 7.5	
					05.00-	115893	24 7.2 A49	
400.32 11.1	(Kerax)[MIDR06.23.56B/41]	01.00-	112189	28 80	01.00-	111231	24 6.6	
					01.00-	113676	24 5.5	
					01.00-	115883	24 5.5 A49	
410.18 10.8	(Distribution)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5	
		10.05-	114846	28 130				
		10.05-	115878	28 90 A49				
		MI 10.05-	114880	28 110 MI				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



RENAULT V.I. Continued

	(Kerax)	MI 10.05-	114407	28 90	10.05-	114193	24 5.5		
		MI 10.05-	114846	28 130					
		MI 10.05-	115878	28 90 A49	10.05-	115877	24 5.5	A49	
		MI 10.05-	114880	28 110 MI	10.05-	115593	24 5.5		
	(Route)	MI 10.05-	114407	28 90	10.05-	114193	24 5.5		
		MI 10.05-	114846	28 130	10.05-	115877	24 5.5	A49	
		MI 10.05-	115878	28 90 A49					
		MI 10.05-	114880	28 110 MI					
410.24	10.8	(Route)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5	
			10.05-	114846	28 130	10.05-	115877	24 5.5	A49
			10.05-	115878	28 90 A49				
			MI 10.05-	114880	28 110 MI				
410.25	10.8	(Route)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5	
			10.05-	114846	28 130	10.05-	115877	24 5.5	A49
			10.05-	115878	28 90 A49				
			MI 10.05-	114880	28 110 MI				
410.26	10.8	(Distribution)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5	
			10.05-	114846	28 130	10.05-	115877	24 5.5	A49
			10.05-	115878	28 90 A49				
			MI 10.05-	114880	28 110 MI				
	(Kerax)	MI 10.05-	114407	28 90	10.05-	114193	24 5.5		
		MI 10.05-	114846	28 130	10.05-	115593	24 5.5		
		MI 10.05-	115878	28 90 A49					
		MI 10.05-	114880	28 110 MI	10.05-	115877	24 5.5	A49	
	(Route)	MI 10.05-	114407	28 90	10.05-	114193	24 5.5		
		MI 10.05-	114846	28 130	10.05-	115877	24 5.5	A49	
		MI 10.05-	115878	28 90 A49					
		MI 10.05-	114880	28 110 MI					
410.32	10.8	(Kerax)[DXi11]	10.05-	114407	28 90	10.05-	114193	24 5.5	
			10.05-	114846	28 130	10.05-	115593	24 5.5	
			10.05-	115878	28 90 A49				
			MI 10.05-	114880	28 110 MI	10.05-	115877	24 5.5	A49
420.18	11.1	(Route)[DCi11B/43]				08.00-	115881	24 5.5	A49
						08.00-	115882	24 5.5	A49
						08.00-	113673	24 5.5	
						08.00-	113672	24 5.5	
	(Distribution)[DCi11C]	08.00-	114508	28 90	08.00-	113673	24 5.5		
		04.01-	112189	28 80	08.00-	113672	24 5.5		
					08.00-	115881	24 5.5	A49	
					08.00-	115882	24 5.5	A49	
	(Kerax)	01.01-	112189	28 80	01.01-	113672	24 5.5		
		01.01-	114508	28 90	01.01-	113673	24 5.5		
					01.01-	115881	24 5.5	A49	
					01.01-	115882	24 5.5	A49	
	(Route)	08.00-	114508	28 90	08.00-	113673	24 5.5		
		04.01-	112189	28 80	08.00-	113672	24 5.5		
					08.00-	115881	24 5.5	A49	
					08.00-	115882	24 5.5	A49	
420.24	11.1	(Route)[DCi11C]	08.00-	114508	28 90	08.00-	113673	24 5.5	
			04.01-	112189	28 80	08.00-	113672	24 5.5	
						08.00-	115881	24 5.5	A49
						08.00-	115882	24 5.5	A49
420.25	11.1	(Route)[DCi11C]	08.00-	114508	28 90	08.00-	113673	24 5.5	
			04.01-	112189	28 80	08.00-	113672	24 5.5	
						08.00-	115881	24 5.5	A49
						08.00-	115882	24 5.5	A49
420.26	11.1	(Kerax)[DCi11C]	01.01-	112189	28 80	01.01-	113672	24 5.5	
			01.01-	114508	28 90	01.01-	113673	24 5.5	
						01.01-	115881	24 5.5	A49
						01.01-	115882	24 5.5	A49
	(Route)	08.00-	114508	28 90	08.00-	113673	24 5.5		
		04.01-	112189	28 80	08.00-	113672	24 5.5		
					08.00-	115881	24 5.5	A49	
					08.00-	115882	24 5.5	A49	
420.32	11.1	(Kerax)[DCi11C]	10.01-	112189	28 80	10.01-	113672	24 5.5	
			10.01-	114508	28 90	10.01-	113673	24 5.5	
						10.01-	115881	24 5.5	A49
						10.01-	115882	24 5.5	A49
420.34	11.1	(Kerax)[DCi11C]	01.01-	112189	28 80	01.01-	113672	24 5.5	
			01.01-	114508	28 90	01.01-	113673	24 5.5	
						01.01-	115881	24 5.5	A49
						01.01-	115882	24 5.5	A49
430.18	10.8	(Distribution)[DXi11]	10.06-	114846	28 130				
			MI 10.06-	114880	28 110 MI				
	(Lander)	MI 10.06-	114846	28 130					
		MI 10.06-	114880	28 110 MI					
	(Route)	MI 10.06-	114846	28 130					
		MI 10.06-	114880	28 110 MI					
430.19	10.8	(Distribution)[DXi11]	10.06-	114846	28 130				
			MI 10.06-	114880	28 110 MI				
430.26	10.8	(Distribution)[DXi11]	10.06-	114846	28 130				
			MI 10.06-	114880	28 110 MI				
	(Lander)	MI 10.06-	114846	28 130					
		MI 10.06-	114880	28 110 MI					
	(Route)	MI 10.06-	114846	28 130					
		MI 10.06-	114880	28 110 MI					
430.32	10.8	(Lander)[DXi11]	10.06-	114846	28 130				
			MI 10.06-	114880	28 110 MI				
440.18	10.8	(Lander)[DXi11]		114846	28 130				
			MI	114880	28 110 MI				
440.18	12.0	(E. tech)[MACKE. TECHB/46]	03.01-	112189	28 80	05.00-	114100	24 7.5	
						05.00-	115893	24 7.2	A49
440.19	10.8	(Lander)[DXi11]		114846	28 130				
			MI	114880	28 110 MI				

## STARTERS & ALTERNATORS



440.19	12.8	(Magnum)[DXi13]	03.09- 03.09- 03.09- 03.09- MI 03.09-	114212 114846 115488 115577 114880	28 110 28 130 28 110 A49 28 80 28 110 MI	03.09- 03.09-	114872 115875	24 5.5 24 5.5	A49
440.24	12.0	(E. tech)[MACKE. TECHB/46]	03.01-	112189	28 80	05.00- 05.00-	114100 115893	24 7.5 24 7.2	A49
440.26	12.0	(E. tech)[MACKE. TECHB/46]	03.01-	112189	28 80	05.00- 05.00-	114100 115893	24 7.5 24 7.2	A49
440.32	10.8	(Lander)[DXi11]		114846 114880	28 130 28 110 MI				
		(Route)	MI 10.06- MI 10.06-	114846 114880	28 130 28 110 MI				
450.18	10.8	(Distribution)[DXi11]	10.05- 10.05- 10.05- MI 10.05-	114407 114846 115878 114880	28 90 28 130 28 90 A49 28 110 MI	10.05- 10.05-	114193 115877	24 5.5 24 5.5	A49
		(Kerax)	MI 10.05- MI 10.05- MI 10.05- MI 10.05-	114407 114846 115878 114880	28 90 28 130 28 90 A49 28 110 MI	10.05- 10.05-	114193 115593	24 5.5 24 5.5	
		(Route)	MI 10.05- MI 10.05- MI 10.05- MI 10.05-	114407 114846 115878 114880	28 90 28 130 28 90 A49 28 110 MI	10.05- 10.05-	115877 114193 115877	24 5.5 24 5.5 24 5.5	A49
450.24	10.8	(Route)[DXi11]	10.05- 10.05- 10.05- MI 10.05-	114407 114846 115878 114880	28 90 28 130 28 90 A49 28 110 MI	10.05- 10.05-	114193 115877	24 5.5 24 5.5	A49
450.25	10.8	(Route)[DXi11]	10.05- 10.05- 10.05- MI 10.05-	114407 114846 115878 114880	28 90 28 130 28 90 A49 28 110 MI	10.05- 10.05-	114193 115877	24 5.5 24 5.5	A49
450.26	10.8	(Kerax)[DXi11]	10.05- 10.05- 10.05- MI 10.05-	114407 114846 115878 114880	28 90 28 130 28 90 A49 28 110 MI	10.05- 10.05-	114193 115593	24 5.5 24 5.5	
		(Route)	MI 10.05- MI 10.05- MI 10.05- MI 10.05-	114407 114846 115878 114880	28 90 28 130 28 90 A49 28 110 MI	10.05- 10.05-	115877 114193 115877	24 5.5 24 5.5 24 5.5	A49
450.32	10.8	(Kerax)[DXi11]	10.05- 10.05- 10.05- MI 10.05-	114407 114846 115878 114880	28 90 28 130 28 90 A49 28 110 MI	10.05- 10.05-	114193 115593	24 5.5 24 5.5	
460.18	10.8	(Lander)[DXi11]	10.06- MI 10.06-	114846 114880	28 130 28 110 MI				
		(Route)	MI 10.06- MI 10.06-	114846 114880	28 130 28 110 MI				
460.18	12.8	(Magnum)[DXi13]	05.06- 05.06- 05.06- 05.06- MI 05.06-	114212 114846 115488 115577 114880	28 110 28 130 28 110 A49 28 80 28 110 MI	05.06- 05.06-	114872 115875	24 5.5 24 5.5	A49
460.19	10.8	(Distribution)[DXi11]	10.06- MI 10.06-	114846 114880	28 130 28 110 MI				
460.24	12.8	(Magnum)[DXi13]	05.06- 05.06- 05.06- 05.06- MI 05.06-	114212 114846 115488 115577 114880	28 110 28 130 28 110 A49 28 80 28 110 MI	05.06- 05.06-	114872 115875	24 5.5 24 5.5	A49
460.25	12.8	(Magnum)[DXi13]	05.06- 05.06- 05.06- 05.06- MI 05.06-	114212 114846 115488 115577 114880	28 110 28 130 28 110 A49 28 80 28 110 MI	05.06- 05.06-	114872 115875	24 5.5 24 5.5	A49
460.26	10.8	(Lander)[DXi11]	10.06- MI 10.06-	114846 114880	28 130 28 110 MI				
		(Route)	MI 10.06- MI 10.06-	114846 114880	28 130 28 110 MI				
460.26	12.8	(Magnum)[DXi13]	05.06- 05.06- 05.06- 05.06- MI 05.06-	114212 114846 115488 115577 114880	28 110 28 130 28 110 A49 28 80 28 110 MI	05.06- 05.06-	114872 115875	24 5.5 24 5.5	A49
460.32	10.8	(Lander)[DXi11]	10.06- MI 10.06-	114846 114880	28 130 28 110 MI				
460.32	12.8	(Kerax)[DXi13]	05.06- 05.06- 05.06- 05.06- MI 05.06-	114212 114846 115488 115577 114880	28 110 28 130 28 110 A49 28 80 28 110 MI	05.06- 05.06-	114872 115875	24 5.5 24 5.5	A49
480.18	12.0	(E. tech)[MACKE. TECHC/46]	03.01-	112189	28 80	05.00- 05.00- 05.00-	114100 115517 115893	24 7.5 24 7.0 24 7.2	A49
480.19	12.8	(Magnum)[DXi13]	03.09- 03.09- 03.09- 03.09- MI 03.09-	114212 114846 115488 115577 114880	28 110 28 130 28 110 A49 28 80 28 110 MI	03.09- 03.09-	114872 115875	24 5.5 24 5.5	A49
480.24	12.0	(E. tech)[MACKE. TECHC/46]	03.01-	112189	28 80	05.00- 05.00- 05.00-	114100 115517 115893	24 7.5 24 7.0 24 7.2	A49
480.26	12.0	(E. tech)[MACKE. TECHC/46]	03.01-	112189	28 80	05.00- 05.00- 05.00-	114100 115517 115893	24 7.5 24 7.0 24 7.2	A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**RENAULT V.I. Continued**

480.26	12.8	(Magnum)[DXi13]	03.09-	114212	28 110	03.09-	114872	24 5.5		
			03.09-	114846	28 130	03.09-	115875	24 5.5	A49	
			03.09-	115488	28 110 A49					
			03.09-	115577	28 80					
			MI 03.09-	114880	28 110 MI					
500.18	12.8	(Magnum)[DXi13]	05.06-	114212	28 110	05.06-	114872	24 5.5		
			05.06-	114846	28 130	05.06-	115875	24 5.5	A49	
			05.06-	115488	28 110 A49					
			05.06-	115577	28 80					
			MI 05.06-	114880	28 110 MI					
500.24	12.8	(Magnum)[DXi13]	05.06-	114212	28 110	05.06-	114872	24 5.5		
			05.06-	114846	28 130	05.06-	115875	24 5.5	A49	
			05.06-	115488	28 110 A49					
			05.06-	115577	28 80					
			MI 05.06-	114880	28 110 MI					
500.25	12.8	(Magnum)[DXi13]	05.06-	114212	28 110	05.06-	114872	24 5.5		
			05.06-	114846	28 130	05.06-	115875	24 5.5	A49	
			05.06-	115488	28 110 A49					
			05.06-	115577	28 80					
			MI 05.06-	114880	28 110 MI					
500.26	12.8	(Magnum)[DXi13]	05.06-	114212	28 110	05.06-	114872	24 5.5		
			05.06-	114846	28 130	05.06-	115875	24 5.5	A49	
			05.06-	115488	28 110 A49					
			05.06-	115577	28 80					
			MI 05.06-	114880	28 110 MI					
500.32	12.8	(Kerax)[DXi13]	05.06-	114212	28 110	05.06-	114872	24 5.5		
			05.06-	114846	28 130	05.06-	115875	24 5.5	A49	
			05.06-	115488	28 110 A49					
			05.06-	115577	28 80					
			MI 05.06-	114880	28 110 MI					
520.18	12.8	(Magnum)[DXi13]	08.09-	114212	28 110	08.09-	114872	24 5.5		
			08.09-	115577	28 80	08.09-	115875	24 5.5	A49	
520.19	12.8	(Magnum)[DXi13]	08.09-	114212	28 110	08.09-	114872	24 5.5		
			08.09-	114846	28 130	08.09-	115875	24 5.5	A49	
			08.09-	115488	28 110 A49					
			08.09-	115577	28 80					
			MI 08.09-	114880	28 110 MI					
520.24	12.8	(Magnum)[DXi13]	08.09-	114212	28 110	08.09-	114872	24 5.5		
			08.09-	114846	28 130	08.09-	115875	24 5.5	A49	
			08.09-	115488	28 110 A49					
			08.09-	115577	28 80					
			MI 08.09-	114880	28 110 MI					
520.25	12.8	(Magnum)[DXi13]	08.09-	114212	28 110	08.09-	114872	24 5.5		
			08.09-	114846	28 130	08.09-	115875	24 5.5	A49	
			08.09-	115488	28 110 A49					
			08.09-	115577	28 80					
			MI 08.09-	114880	28 110 MI					
520.26	12.8	(Magnum)[DXi13]	08.09-	114212	28 110	08.09-	114872	24 5.5		
			08.09-	114846	28 130	08.09-	115875	24 5.5	A49	
			08.09-	115488	28 110 A49					
			08.09-	115577	28 80					
			MI 08.09-	114880	28 110 MI					
AE 380.18	12.0	(Magnum)[MIDR06.35.40H]	09.90-06.92	112159	28 80					
AE 380.18T	12.0	(Magnum)[MIDR06.35.40H]	09.90-06.92	112159	28 80					
AE 380.26	12.0	(Magnum)[MIDR06.35.40H]	09.90-06.92	112159	28 80					
AE 380.26T	12.0	(Magnum)[MIDR06.35.40H]	09.90-06.92	112159	28 80					
AE 385	12.0	(Magnum)[MIDR06.35.40N/3]	02.92-10.96	111331	28 60					
			02.92-10.96	112159	28 80					
AE 390	12.0	(Magnum)[MIDR06.24.65A/42]	09.96-05.00	112189	28 80	09.96-	115756	24 7.0		
AE 420	12.0	(Magnum)[MIDR06.35.40J/3]	10.92-12.96	111331	28 60					
			10.92-10.96	112159	28 80					
		(Magnum)[MIDR06.35.40P/41]	10.92-12.96	111331	28 60					
			10.92-12.96	112189	28 80					
			04.96-12.96	112159	28 80					
AE 430	12.0	(Magnum)[MIDR06.24.65B/42]	09.96-05.00	112189	28 80	09.96-	115756	24 7.0		
AE 470	12.0	(Magnum)[MIDR06.24.65C/42]	11.96-08.99	112189	28 80	11.96-	115756	24 7.0		
AE 520	16.5	(Magnum)[Mack-EE9-530]	10.92-05.96	112159	28 80					
AE 560	16.4	(Magnum)[Mack-EE9-560]	04.96-05.00	112189	28 80					
Agora	9.8	(Agora)[MIDR06.20.45I41]	01.96-	112189	28 80	01.96-	111231	24 6.6		
Ares	9.8	(Ares)[MIDR06.20.45M41]	04.98-	112189	28 80	04.98-	111231	24 6.6		
		(Ares)[MIDR06.20.45R41]	04.98-	112189	28 80	04.98-	111231	24 6.6		
B 110	2.5 Diesel	[8140.27.25..]	08.90-06.96	110889	14 75					
B 110	2.8 Diesel	[8140.23.25..]	06.96-06.99	110889	14 75					
B 120	2.5 Diesel	[8140.47.25..]	10.91-07.96	110889	14 75					
B 120	2.8 Diesel	[8140.43.25..]	06.96-06.99	110889	14 75					
C 210.19	8.8	[MIDS06.20.30N]				12.83-05.91	111231	24 6.6		
C 260.19T	9.8	[MIDS06.20.45B]				10.82-10.98	111231	24 6.6		
C 260.26	9.8	[MIDS06.20.45B]				10.82-05.91	111231	24 6.6		
C 290.19/T	9.8	[MIDR06.20.45D]				05.86-05.91	111231	24 6.6		
C 300.19	9.8	[MIDR06.20.45D3]	04.87-10.98	111331	28 60	09.92-10.98	111231	24 6.6		
C 300.24	9.8	[MIDR06.20.45D]				09.92-03.93	111231	24 6.6		
		[MIDR06.20.45D3]				03.93-10.98	111231	24 6.6		
C 300.26	9.8	[MIDR06.20.45D]				09.92-03.93	111231	24 6.6		
		[MIDR06.20.45D3]				03.93-10.98	111231	24 6.6		
C 340.19	9.8	[MIDR06.20.45E]				07.90-09.92	111231	24 6.6		
		[MIDR06.20.45E2]				10.91-09.92	111231	24 6.6		
		[MIDR06.20.45E3]				02.92-09.92	111231	24 6.6		
C 340ti.17	9.8	[MIDR06.20.45E]	07.90-10.98	111331	28 60	07.90-09.92	111231	24 6.6		
		[MIDR06.20.45E2]				10.91-09.92	111231	24 6.6		
		[MIDR06.20.45E3]	07.90-10.98	111331	28 60	02.92-09.92	111231	24 6.6		
C 340ti.19	9.8	[MIDR06.20.45E]				07.90-09.92	111231	24 6.6		
		[MIDR06.20.45E2]				10.91-09.92	111231	24 6.6		
		[MIDR06.20.45E3]				02.92-09.92	111231	24 6.6		
CBH 280	12.0	[MIDS06.35.40D]	04.86-10.92	111331	28 60					
CBH 320.24	12.0	[MIDR06.35.40M3]	10.92-	111658	28 55					
			10.92-	112159	28 80					

## STARTERS & ALTERNATORS



CBH 380.26 12.0	[MIDR06.35.40H]	01.90- 10.92	112159	28	80				
CBH 380.26/T 12.0	[MIDR06.35.40H]	04.91- 10.92	112159	28	80				
Citybus GX 317 9.9	(Agora)[MGDR 06.20.45 D491]	06.95-	112343	28	140	06.95-	112331	24	6.6
	(Agora)[MIDR 06.20.45 A491]	06.95-	112343	28	140	06.95-	112331	24	6.6
	(Agora)[MIDR 06.20.45 J41]	09.94-	112343	28	140				
CLM 320.25 12.0	[MIDR06.35.40M3]	10.92- 10.98	111331	28	60				
CLR 220.19 8.8	[MIDS06.20.30N1]	05.86- 05.91	111331	28	60	05.86- 05.91	112331	24	6.6
CLR 230.19 6.2	[MIDR06.02.26D]					09.90- 10.98	113466	24	4.0
Distribution 210.19D 6.2	(Distribution)[MIDR06.02.26W/4]	04.96-	112189	28	80	04.96-	113466	24	4.0
	(Premium)[MIDR06.20.45D/41]	04.96-	112189	28	80	04.96-	113676	24	5.5
Distribution 300.26D 9.8						04.96-	115883	24	5.5
	(Premium)[dCi11G]	08.00-	112189	28	80	08.00-	113672	24	5.5
Distribution 340.26D 9.8						08.00-	115881	24	5.5 A49
	(Premium)[MIDR06.20.45E/41]	04.96-	112189	28	80	04.96-	113676	24	5.5
Distribution 370.26D 11.1						04.96-	115883	24	5.5 A49
	(Premium)[dCi11E]	08.00-	112189	28	80	08.00-	113672	24	5.5
FR1 9.8						08.00-	115881	24	5.5 A49
	[MIDR06.20.45D]					01.83-	112331	24	6.6
	[MIDR06.20.45D3]					01.83-	112331	24	6.6
G 170.11 5.5	[MIDR06.20.45M3]					01.83-	112331	24	6.6
	[MIDR06.02.12D]					05.83- 02.90	113465	12	3.0
G 170.13 5.5	[MIDR06.02.12D]					05.83- 02.90	113466	24	4.0
G 170.15 5.5	[MIDR06.02.12D]					05.83- 02.90	113466	24	4.0
G 170.16 5.5	[MIDR06.02.12D]					05.83- 02.90	113466	24	4.0
G 170.17 5.5	[MIDR06.02.12D]					05.83- 02.90	113466	24	4.0
G 200.13 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28	45	09.91- 03.93	113466	24	4.0
		09.91- 03.93	111331	28	60				
		05.90- 03.91	110163	28	45	05.90- 09.91	113466	24	4.0
		05.90- 09.91	111331	28	60				
	(Manager)[MIDR06.02.26Q]	09.91- 03.93	111331	28	60	09.91- 03.93	113466	24	4.0
G 200.15 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28	45	09.91- 03.93	113466	24	4.0
		09.91- 03.93	111331	28	60				
		05.90- 03.91	110163	28	45	05.90- 09.91	113466	24	4.0
		05.90- 09.91	111331	28	60				
	(Manager)[MIDR06.02.26Q]	09.91- 03.93	111331	28	60	09.91- 03.93	113466	24	4.0
G 200.16 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28	45	09.91- 03.93	113466	24	4.0
		09.91- 03.93	111331	28	60				
		05.90- 03.91	110163	28	45	05.90- 09.91	113466	24	4.0
		05.90- 09.91	111331	28	60				
	(Manager)[MIDR06.02.26Q]	09.91- 03.93	111331	28	60	09.91- 03.93	113466	24	4.0
G 200.17 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28	45	09.91- 03.93	113466	24	4.0
		09.91- 03.93	111331	28	60				
		05.90- 03.91	110163	28	45	05.90- 09.91	113466	24	4.0
		05.90- 09.91	111331	28	60				
	(Manager)[MIDR06.02.26Q]	09.91- 03.93	111331	28	60	09.91- 03.93	113466	24	4.0
G 200.18 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28	45	09.91- 03.93	113466	24	4.0
		09.91- 03.93	111331	28	60				
		05.90- 03.91	110163	28	45	05.90- 09.91	113466	24	4.0
		05.90- 09.91	111331	28	60				
	(Manager)[MIDR06.02.26Q]	09.91- 03.93	111331	28	60	09.91- 03.93	113466	24	4.0
G 210.16 6.2	(Manager)[MIDR06.02.26W]	01.90- 03.91	110163	28	45	05.92- 10.96	113466	24	4.0
		05.92- 10.96	111331	28	60				
G 210.16 8.8	[MIDS06.20.30N]	11.83- 02.90	110163	28	45	11.83- 02.90	112331	24	6.6
		11.83- 02.90	111331	28	60				
	[MIDS06.20.30N1]	11.83- 02.90	110163	28	45	11.83- 02.90	112331	24	6.6
G 210.16/T 8.8		11.83- 02.90	111331	28	60				
	[MIDS06.20.30N]	11.83- 02.90	110163	28	45	11.83- 02.90	112331	24	6.6
		11.83- 02.90	111331	28	60				
G 210.17 8.8	[MIDS06.20.30N]	11.83- 02.90	110163	28	45	11.83- 02.90	112331	24	6.6
		11.83- 02.90	111331	28	60				
	[MIDS06.20.30N1]	11.83- 02.90	110163	28	45	11.83- 02.90	112331	24	6.6
G 210.18 6.2		11.83- 02.90	111331	28	60				
	(Manager)[MIDR06.02.26W]	01.90- 03.91	110163	28	45	05.92- 10.96	113466	24	4.0
		05.92- 10.96	111331	28	60				
G 210.18 8.8	[MIDS06.20.30N]	11.83- 02.90	110163	28	45	11.83- 02.90	112331	24	6.6
		11.83- 02.90	111331	28	60				
	[MIDS06.20.30N1]	11.83- 02.90	110163	28	45	11.83- 02.90	112331	24	6.6
G 210.19 8.8		11.83- 02.90	111331	28	60				
	[MIDS06.20.30N]	11.83- 02.90	110163	28	45	11.83- 02.90	112331	24	6.6
		11.83- 02.90	111331	28	60				
G 210.19/T 8.8	[MIDS06.20.30N1]	11.83- 02.90	110163	28	45	11.83- 02.90	112331	24	6.6
		11.83- 02.90	111331	28	60				
	[MIDS06.20.30N]	11.83- 02.90	110163	28	45	11.83- 02.90	112331	24	6.6
G 220.17 9.8	(Manager)[MIDS06.20.45J]					03.91- 04.93	112331	24	6.6
						03.91- 04.93	112331	24	6.6
	(Manager)[MIDS06.20.45J3]	09.91- 10.96	110163	28	45	03.91- 04.93	112331	24	6.6
G 220.19 9.8	(Manager)[MIDS06.20.45J]					03.91- 04.93	112331	24	6.6
						03.91- 04.93	112331	24	6.6
	(Manager)[MIDS06.20.45J3]					03.91- 04.93	112331	24	6.6
G 230.11 8.8	[MIDS06.20.30P]	03.84- 06.93	110163	28	45	03.84- 06.93	112331	24	6.6
		03.84- 06.93	111331	28	60				
G 230.13 8.8	(Manager)[MIDS06.20.30]					03.84- 03.93	112331	24	6.6
	(Manager)[MIDS06.20.30P]	03.84- 06.93	110163	28	45	03.84- 03.93	112331	24	6.6
		03.84- 06.93	111331	28	60				
		03.84- 06.93	110163	28	45	03.84- 06.93	112331	24	6.6
		03.84- 06.93	111331	28	60				
G 230.15 8.8	[MIDS06.20.30P]	03.84- 06.93	110163	28	45	03.84- 06.93	112331	24	6.6
G 230.16 8.8		03.84- 06.93	111331	28	60				
	[MIDS06.20.30P]	03.84- 06.93	110163	28	45	03.84- 06.93	112331	24	6.6
G 230.17 8.8		03.84- 06.93	111331	28	60				
	[MIDS06.20.30P]	03.84- 06.93	110163	28	45	03.84- 06.93	112331	24	6.6
G 230.19 8.8		03.84- 06.93	111331	28	60				
	[MIDS06.20.30P]	03.84- 06.93	110163	28	45	03.84- 06.93	112331	24	6.6
G 230.19/T 8.8		03.84- 06.93	111331	28	60				
	[MIDS06.20.30P]	01.85- 03.93	110163	28	45	01.85- 03.93	112331	24	6.6
G 230TI.13 6.2		01.85- 03.93	111331	28	60				
	(Manager)[MIDR06.02.26 X]	09.91- 03.93	111331	28	60	09.91- 03.93	113466	24	4.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



RENAULT V.I. Continued

	(Manager)[MIDR06.02.26D]	09.91-03.93	111331	28 60	09.91-03.93	113466	24 4.0
		01.90-03.91	110163	28 45	02.90-08.91	113466	24 4.0
		02.90-08.91	111331	28 60			
G 230TI.15 6.2	(Manager)[MIDR06.02.26 X]	09.91-03.93	111331	28 60	09.91-03.93	113466	24 4.0
	(Manager)[MIDR06.02.26D]	09.91-03.93	111331	28 60	09.91-03.93	113466	24 4.0
		01.90-03.91	110163	28 45	02.90-08.91	113466	24 4.0
		02.90-08.91	111331	28 60			
G 230TI.16 6.2	(Manager)[MIDR06.02.26 X]	09.91-10.96	111331	28 60	09.91-10.96	113466	24 4.0
	(GAF,AWF,ABFT)[MIDR06.02.26D]	09.91-10.96	111331	28 60	09.91-10.96	113466	24 4.0
	(Manager)	09.91-10.96	111331	28 60	09.91-10.96	113466	24 4.0
		01.90-03.91	110163	28 45	02.90-08.91	113466	24 4.0
		02.90-08.91	111331	28 60			
G 230TI.17 6.2	(Manager)[MIDR06.02.26 X]	09.91-10.96	111331	28 60	09.91-10.96	113466	24 4.0
	(Manager)[MIDR06.02.26D]	09.91-10.96	111331	28 60	09.91-10.96	113466	24 4.0
		01.90-03.91	110163	28 45	02.90-08.91	113466	24 4.0
		02.90-08.91	111331	28 60			
G 230TI.18 6.2	(Manager)[MIDR06.02.26 X]	05.92-10.96	111331	28 60	05.92-10.96	113466	24 4.0
	(Manager)[MIDR06.02.26D]	05.92-10.96	111331	28 60	05.92-10.96	113466	24 4.0
		01.90-03.91	110163	28 45	02.90-08.91	113466	24 4.0
		02.90-08.91	111331	28 60			
G 230TI.19 6.2	(Manager)[MIDR06.02.26 X]				09.91-10.96	113466	24 4.0
	(Maxter)				10.92-05.95	113466	24 4.0
	(Manager)[MIDR06.02.26D]				09.91-10.96	113466	24 4.0
	(Maxter)				10.92-05.95	113466	24 4.0
		01.90-08.91	110163	28 45	02.90-08.91	113466	24 4.0
		02.90-08.91	111331	28 60			
G 260.15 9.8	[MIDS06.20.45]	10.82-05.90	111331	28 60	10.82-05.90	111231	24 6.6
G 260.16 9.8	[MIDS06.20.45]	10.82-05.90	111331	28 60	10.82-05.90	111231	24 6.6
G 260.17 9.8	[MIDS06.20.45]	10.82-05.90	111331	28 60	10.82-05.90	111231	24 6.6
	[MIDS06.20.45B]	10.82-05.90	110163	28 45	01.90-06.93	111231	24 6.6
		10.82-05.90	111331	28 60			
G 260.19 9.8	(Maxter)[MIDR06.20.45C/4]	02.96-06.97	112189	28 80 BO	02.96-06.97	111231	24 6.6
	[MIDS06.20.45]	10.82-05.90	110163	28 45	10.82-05.90	111231	24 6.6
		10.82-05.90	111331	28 60			
G 260.19/T 9.8	[MIDS06.20.45]	10.82-05.90	110163	28 45	10.82-05.90	111231	24 6.6
		10.82-05.90	111331	28 60			
G 260.22 9.8	[MIDS06.20.45]	10.82-05.90	111331	28 60	10.82-05.90	111231	24 6.6
G 260.24 9.8	[MIDS06.20.45]	10.82-05.90	111331	28 60	10.82-05.90	111231	24 6.6
G 270.13 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	111331	28 60			
		03.93-10.96	110163	28 45	11.92-10.96	111231	24 6.6
	(Manager)[MIDS06.20.45B]	09.91-10.96	111331	28 60	09.91-10.96	111231	24 6.6
G 270.14 9.8	(Manager)[MIDR06.20.45B3]	03.93-10.96	110163	28 45	03.93-10.96	111231	24 6.6
G 270.15 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	110163	28 45	09.91-10.96	111231	24 6.6
		09.91-10.96	111331	28 60			
	(Manager)[MIDS06.20.45B]	09.91-10.96	110163	28 45			
		09.91-10.96	111331	28 60	09.91-10.96	111231	24 6.6
G 270.16 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	110163	28 45	09.91-10.96	111231	24 6.6
	(Manager)[MIDS06.20.45B]	09.91-10.96	111331	28 60	09.91-10.96	111231	24 6.6
G 270.17 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	110163	28 45	11.92-10.96	111231	24 6.6
		11.92-10.96	111331	28 60			
G 270.18 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	110163	28 45	11.92-10.96	111231	24 6.6
		11.92-10.96	111331	28 60			
G 270.19 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	110163	28 45	11.92-10.96	111231	24 6.6
	(Maxter)	01.93-10.96	112189	28 80 BO	01.95-10.96	111231	24 6.6
G 270.26 9.8	(Manager)[MIDR06.20.45B]	09.91-10.96	110163	28 45	11.92-10.96	111231	24 6.6
G 280.13 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	110163	28 45	09.91-10.96	111231	24 6.6
		09.91-10.96	111331	28 60			
	(Manager)[MIDS06.20.45B]	01.90-12.92	110163	28 45	01.90-06.93	111231	24 6.6
		01.90-08.91	111331	28 60			
		01.90-12.92	110163	28 45	01.90-06.93	111231	24 6.6
		01.90-08.91	111331	28 60			
G 280.15 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	110163	28 45			
		09.91-10.96	111331	28 60	09.91-10.96	111231	24 6.6
	(Manager)[MIDS06.20.45B]	01.90-12.92	110163	28 45	01.90-06.93	111231	24 6.6
		01.90-08.91	111331	28 60			
		01.90-12.92	110163	28 45	01.90-06.93	111231	24 6.6
		01.90-08.91	111331	28 60			
G 280.16 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	111331	28 60	09.91-10.96	111231	24 6.6
	(Manager)[MIDS06.20.45B]	01.90-12.92	110163	28 45	01.90-06.93	111231	24 6.6
		01.90-08.91	111331	28 60			
		01.90-12.92	110163	28 45	01.90-06.93	111231	24 6.6
		01.90-08.91	111331	28 60			
G 280.17 9.8	(Manager)[MIDS06.20.45B]	01.90-12.92	110163	28 45	01.90-10.96	111231	24 6.6
		01.90-08.91	111331	28 60			
G 280.18 9.8	(Manager)[MIDS06.20.45B]	01.90-12.92	110163	28 45	01.90-06.93	111231	24 6.6
		01.90-08.91	111331	28 60			
	(Maxter)				10.92-03.93	111231	24 6.6
		01.90-12.92	110163	28 45	01.90-06.93	111231	24 6.6
		01.90-08.91	111331	28 60			
G 280.19 9.8	(Manager)[MIDS06.20.45B]	01.90-12.92	110163	28 45	01.90-06.93	111231	24 6.6
		01.90-08.91	111331	28 60			
		01.90-12.92	110163	28 45	01.90-06.93	111231	24 6.6
		01.90-08.91	111331	28 60			
G 280.24 9.8	(Manager)[MIDS06.20.45B]	01.90-12.92	110163	28 45	01.90-06.93	111231	24 6.6
		01.90-08.91	111331	28 60			
		01.90-12.92	110163	28 45	01.90-06.93	111231	24 6.6
		01.90-08.91	111331	28 60			
G 280.26 9.8	(Manager)[MIDS06.20.45B]	01.90-12.92	110163	28 45	01.90-06.93	111231	24 6.6
		01.90-08.91	111331	28 60			
		01.90-12.92	110163	28 45	01.90-06.93	111231	24 6.6
		01.90-08.91	111331	28 60			
G 290.17 9.8	[MIDR06.20.45]	11.85-12.89	111331	28 60	11.85-12.89	111231	24 6.6
G 290.19 9.8	[MIDR06.20.45]	11.85-12.89	110163	28 45	11.85-12.89	111231	24 6.6
		11.85-12.89	111331	28 60			
G 290.19/T 9.8	[MIDR06.20.45D]	11.85-12.89	110163	28 45	11.85-12.89	111231	24 6.6
		11.85-12.89	111331	28 60			



G 290.22 9.8	[MIDR06.20.45]	11.85- 12.89	111331	28	60	11.85- 12.89	111231	24	6.6	
G 290.24 9.8	[MIDR06.20.45]	11.85- 12.89	111331	28	60	11.85- 12.89	111231	24	6.6	
G 290.26 9.8	[MIDR06.20.45]	11.85- 12.89	111331	28	60	11.85- 12.89	111231	24	6.6	
G 300.13 9.8	[MIDR06.20.45D]	01.90- 12.92	110163	28	45	01.90- 03.93	111231	24	6.6	
	(Manager)[MIDR06.20.45D3]	01.90- 08.91	111331	28	60					
		01.90- 12.92	110163	28	45	01.90- 10.96	111231	24	6.6	
		01.90- 08.91	111331	28	60					
G 300.15 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28	45	09.92- 10.96	111231	24	6.6	
		01.90- 12.92	110163	28	45	01.90- 03.93	111231	24	6.6	
		01.90- 08.91	111331	28	60					
	(Manager)[MIDR06.20.45D3]	01.90- 12.92	110163	28	45	01.90- 10.96	111231	24	6.6	
		01.90- 08.91	111331	28	60					
G 300.16 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28	45	09.92- 10.96	111231	24	6.6	
		01.90- 12.92	110163	28	45	01.90- 03.93	111231	24	6.6	
		01.90- 08.91	111331	28	60					
	(Manager)[MIDR06.20.45D3]	01.90- 12.92	110163	28	45	01.90- 03.93	111231	24	6.6	
		01.90- 08.91	111331	28	60					
G 300.17 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28	45	09.92- 10.96	111231	24	6.6	
		01.90- 12.92	110163	28	45	01.90- 03.93	111231	24	6.6	
		01.90- 08.91	111331	28	60					
	(Manager)[MIDR06.20.45D3]	01.90- 12.92	110163	28	45	01.90- 10.96	111231	24	6.6	
		01.90- 08.91	111331	28	60					
G 300.18 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28	45	09.92- 10.96	111231	24	6.6	
	(Maxter)	10.92- 12.92	110163	28	45	10.92- 10.96	111231	24	6.6	
	(Manager)[MIDR06.20.45D3]	01.90- 12.92	110163	28	45	01.90- 10.96	111231	24	6.6	
		01.90- 08.91	111331	28	60					
	(Maxter)	10.92- 12.92	110163	28	45	09.92- 10.96	111231	24	6.6	
G 300.19 9.8	(Manager)[MIDR06.20.45D]	01.90- 08.91	111331	28	60					
		01.92- 12.92	110163	28	45	01.90- 03.93	111231	24	6.6	
	(Maxter)	10.92- 12.92	110163	28	45	10.92- 10.96	111231	24	6.6	
		01.90- 12.92	110163	28	45	01.90- 03.93	111231	24	6.6	
		01.90- 08.91	111331	28	60					
	(Maxter)[MIDR06.20.45D/41]	02.96- 06.97	112189	28	80	BO	02.96-	111231	24	6.6
	(Manager)[MIDR06.20.45D3]	01.90- 12.92	110163	28	45	01.90- 10.96	111231	24	6.6	
		01.90- 08.91	111331	28	60					
	(Maxter)	10.92- 12.92	110163	28	45	10.92- 10.96	111231	24	6.6	
G 300.24 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28	45	09.92- 10.96	111231	24	6.6	
		01.90- 12.92	110163	28	45	01.90- 03.93	111231	24	6.6	
		01.90- 08.91	111331	28	60					
	(Manager)[MIDR06.20.45D3]	01.90- 12.92	110163	28	45	01.90- 10.96	111231	24	6.6	
		01.90- 08.91	111331	28	60					
	(Messenger)	01.90- 12.92	110163	28	45	01.90- 10.96	111231	24	6.6	
		01.90- 03.93	111331	28	60					
G 300.25 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28	45	09.92- 10.96	111231	24	6.6	
		01.90- 12.92	110163	28	45	01.90- 03.93	111231	24	6.6	
		01.90- 08.91	111331	28	60					
	(Manager)[MIDR06.20.45D3]	01.90- 12.92	110163	28	45	01.90- 03.93	111231	24	6.6	
		01.90- 08.91	111331	28	60					
G 300.26 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28	45	09.92- 10.96	111231	24	6.6	
		01.90- 12.92	110163	28	45	01.90- 03.93	111231	24	6.6	
		01.90- 08.91	111331	28	60					
	(Maxter)[MIDR06.20.45D/41]	02.96- 06.97	112189	28	80	BO	02.96-	111231	24	6.6
	(Manager)[MIDR06.20.45D3]	01.90- 12.92	110163	28	45	01.90- 10.96	111231	24	6.6	
		01.90- 08.91	111331	28	60					
	(Maxter)	10.92- 12.92	110163	28	45	06.92- 10.96	111231	24	6.6	
G 320.19 9.8	[MIDR06.20.45H]	11.88- 05.90	111331	28	60	05.88- 05.90	111231	24	6.6	
G 320.24 9.8	[MIDR06.20.45H]	11.88- 05.90	111331	28	60	05.88- 05.90	111231	24	6.6	
G 330.13 9.8	(Manager)[MIDR06.20.45H]	02.90- 12.92	110163	28	45	02.90- 03.93	111231	24	6.6	
		02.90- 01.91	111331	28	60					
		02.90- 12.92	110163	28	45	02.90- 03.93	111231	24	6.6	
		02.90- 01.91	111331	28	60					
G 330.15 9.8	(Manager)[MIDR06.20.45H]	02.90- 12.92	110163	28	45	02.90- 03.93	111231	24	6.6	
		02.90- 01.91	111331	28	60					
		02.90- 12.92	110163	28	45	02.90- 03.93	111231	24	6.6	
		02.90- 01.91	111331	28	60					
G 330.16 9.8	(Manager)[MIDR06.20.45E]	09.91- 10.96	110163	28	45	09.91- 10.96	111231	24	6.6	
	(Manager)[MIDR06.20.45E2]	09.91- 10.96	110163	28	45	09.91- 10.92	111231	24	6.6	
	(Manager)[MIDR06.20.45E3]	09.91- 10.96	110163	28	45	09.91- 10.96	111231	24	6.6	
	(Manager)[MIDR06.20.45H]	02.90- 12.92	110163	28	45	02.90- 03.93	111231	24	6.6	
		02.90- 01.91	111331	28	60					
		02.90- 12.92	110163	28	45	02.90- 03.93	111231	24	6.6	
		02.90- 01.91	111331	28	60					
G 330.17 9.8	(Manager)[MIDR06.20.45H]	02.90- 12.92	110163	28	45	01.90- 03.93	111231	24	6.6	
		02.90- 01.91	111331	28	60					
		02.90- 12.92	110163	28	45	02.90- 03.93	111231	24	6.6	
		02.90- 01.91	111331	28	60					
G 330.17/T 9.8	(Manager)[MIDR06.20.45E]					09.91- 10.96	111231	24	6.6	
	(Manager)[MIDR06.20.45E2]					09.91- 10.96	111231	24	6.6	
	(Manager)[MIDR06.20.45E3]					09.91- 10.96	111231	24	6.6	
	(Manager)[MIDR06.20.45H]					09.91- 10.96	111231	24	6.6	
G 330.18 9.8	(Manager)[MIDR06.20.45E]					09.91- 10.96	111231	24	6.6	
	(Manager)[MIDR06.20.45E2]					09.91- 10.96	111231	24	6.6	
	(Manager)[MIDR06.20.45H]					09.91- 10.96	111231	24	6.6	
	(Messenger)	02.90- 12.92	110163	28	45	02.90- 03.93	111231	24	6.6	
		02.90- 01.91	111331	28	60					
G 330.19 9.8	(Manager)[MIDR06.20.45E]	09.91- 10.96	110163	28	45	09.91- 10.96	111231	24	6.6	
	(Manager)[MIDR06.20.45E2]	09.91- 10.92	110163	28	45	09.91- 10.96	111231	24	6.6	
	(Manager)[MIDR06.20.45E3]	09.91- 10.96	110163	28	45	09.91- 10.96	111231	24	6.6	
						01.90- 08.91	111231	24	6.6	
	(Manager)[MIDR06.20.45H]	02.90- 12.92	110163	28	45	02.90- 03.93	111231	24	6.6	
		02.90- 01.91	111331	28	60					
		02.90- 12.92	110163	28	45	02.90- 03.93	111231	24	6.6	
		02.90- 01.91	111331	28	60					
G 330.19/T 9.8	(Manager)[MIDR06.20.45E]					09.91- 10.96	111231	24	6.6	
	(Manager)[MIDR06.20.45E2]					09.91- 10.96	111231	24	6.6	
	(Manager)[MIDR06.20.45E3]					09.91- 10.96	111231	24	6.6	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

RENAULT V.I. Continued

	(Manager)[MIDR06.20.45H]					09.91- 10.96	111231	24	6.6
G 330.24 9.8	(Manager)[MIDR06.20.45H]	02.90- 12.92	110163	28 45		02.90- 03.93	111231	24	6.6
		02.90- 01.91	111331	28 60					
		02.90- 12.92	110163	28 45		02.90- 03.93	111231	24	6.6
		02.90- 01.91	111331	28 60					
G 330.26 9.8	(Manager)[MIDR06.20.45E2]	10.96- 10.96	110163	28 45		10.91- 10.92	111231	24	6.6
	(Manager)[MIDR06.20.45E3]	10.91- 10.96	110163	28 45		10.91- 10.96	111231	24	6.6
	(Manager)[MIDR06.20.45H]	02.90- 12.92	110163	28 45		02.90- 10.96	111231	24	6.6
		02.90- 01.91	111331	28 60					
		02.90- 12.92	110163	28 45		02.90- 03.93	111231	24	6.6
		02.90- 01.91	111331	28 60					
G 340 9.8	(Manager)[MIDR06.20.45E]	01.90- 03.93	111331	28 60		01.90- 03.93	111231	24	6.6
	(Manager)[MIDR06.20.45E2]					01.90- 03.93	111231	24	6.6
	(Manager)[MIDR06.20.45E3]					01.90- 03.93	111231	24	6.6
	(Manager)[MIDR06.20.45H]					01.90- 03.93	111231	24	6.6
G 340Ti 9.8	(Manager)[MIDR06.20.45E]	01.90- 03.93	111331	28 60		01.90- 03.93	111231	24	6.6
	(Manager)[MIDR06.20.45E3]					02.92- 10.96	111231	24	6.6
G 340Ti.16 9.8	(Manager)[MIDR06.20.45E]	01.90- 01.91	111331	28 60					
		09.91- 10.96	110163	28 45		01.90- 03.93	111231	24	6.6
	(Manager)[MIDR06.20.45E2]	09.91- 10.96	110163	28 45		10.91- 10.92	111231	24	6.6
	(Manager)[MIDR06.20.45E3]	09.91- 10.96	110163	28 45		02.92- 10.96	111231	24	6.6
	(Manager)[MIDR06.20.45H]	09.91- 10.96	110163	28 45		09.91- 10.96	111231	24	6.6
G 340Ti.17 9.8	(Manager)[MIDR06.20.45E]	01.90- 01.91	111331	28 60					
		09.91- 10.96	110163	28 45		01.90- 03.93	111231	24	6.6
	(Manager)[MIDR06.20.45E2]	09.91- 10.96	110163	28 45		10.91- 10.92	111231	24	6.6
	(Manager)[MIDR06.20.45E3]	09.91- 10.96	110163	28 45		02.92- 10.96	111231	24	6.6
	(Manager)[MIDR06.20.45H]	09.91- 10.96	110163	28 45		09.91- 10.96	111231	24	6.6
G 340ti.18 9.8	(Manager)[MIDR06.20.45E]	01.90- 03.93	111331	28 60		01.90- 03.93	111231	24	6.6
	(Maxter)[MIDR06.20.45E/41]					10.92- 06.97	111231	24	6.6
	(Manager)[MIDR06.20.45E2]					01.90- 10.96	111231	24	6.6
	(Manager)[MIDR06.20.45E3]					01.90- 10.96	111231	24	6.6
	(Maxter)					10.92- 10.96	111231	24	6.6
G 340Ti.19 9.8	(Maxter)[MIDR06.20.45E/41]					10.92- 06.97	111231	24	6.6
	(Maxter)[MIDR06.20.45E3]					10.92- 10.96	111231	24	6.6
						05.93-	111231	24	6.6
	[MIDR06.20.45H]	01.90- 08.91	110163	28 45		01.90- 08.91	111231	24	6.6
		01.90- 08.91	111331	28 60					
G 340ti.19,G 330.19 9.8	(Manager)[MIDR06.20.45E]					09.91- 10.96	111231	24	6.6
	(Manager)[MIDR06.20.45E2]					09.91- 10.96	111231	24	6.6
	(Manager)[MIDR06.20.45E3]					09.91- 10.96	111231	24	6.6
	(Manager)[MIDR06.20.45H]					09.91- 10.96	111231	24	6.6
G 340ti.19/T 9.8	(Manager)[MIDR06.20.45E]					09.91- 10.96	111231	24	6.6
	(Manager)[MIDR06.20.45E2]					09.91- 10.96	111231	24	6.6
	(Manager)[MIDR06.20.45E3]					09.91- 10.96	111231	24	6.6
	(Manager)[MIDR06.20.45H]					09.91- 10.96	111231	24	6.6
G 340Ti.25 9.8	(Maxter)[MIDR06.20.45E/41]					10.92- 06.97	111231	24	6.6
	(Maxter)[MIDR06.20.45E3]					10.92- 10.96	111231	24	6.6
G 340Ti.25 9.8	(Maxter)[MIDR06.20.45E/41]					10.92- 06.97	111231	24	6.6
	(Maxter)[MIDR06.20.45E3]					10.92- 10.96	111231	24	6.6
G 340Ti.26 9.8	(Maxter)[MIDR06.20.45E/41]	02.96- 06.97	112189	28 80 BO		10.92- 06.97	111231	24	6.6
	(Manager)[MIDR06.20.45E2]	10.91- 10.96	110163	28 45		01.90- 03.93	111231	24	6.6
	(Manager)[MIDR06.20.45E3]	10.91- 10.96	110163	28 45		02.92- 10.96	111231	24	6.6
	(Maxter)	02.96- 06.97	112189	28 80 BO		10.92- 10.96	111231	24	6.6
	(Manager)[MIDR06.20.45H]	10.91- 10.96	110163	28 45		10.91- 10.96	111231	24	6.6
G 340Ti.32 9.8	(Maxter)[MIDR06.20.45E/41]	02.96- 06.97	112189	28 80 BO		10.92- 06.97	111231	24	6.6
	(Maxter)[MIDR06.20.45E3]	02.96- 06.97	112189	28 80 BO		10.92- 10.96	111231	24	6.6
G 340Ti.34 9.8	(Maxter)[MIDR06.20.45D/41]					02.96-	111231	24	6.6
	(Maxter)[MIDR06.20.45D3]					10.92- 06.97	111231	24	6.6
	(Maxter)[MIDR06.20.45E/41]					10.92- 06.97	111231	24	6.6
	(Maxter)[MIDR06.20.45E3]					10.92- 10.96	111231	24	6.6
G 340Ti.40 9.8	(Maxter)[MIDR06.20.45E/41]	02.96- 06.97	112189	28 80 BO		02.96- 06.97	111231	24	6.6
	(Maxter)[MIDR06.20.45E3]	02.96- 06.97	112189	28 80 BO		10.92- 10.96	111231	24	6.6
G 340Ti.40 9.8	(Maxter)[MIDR06.20.45E/41]					10.92- 06.97	111231	24	6.6
	(Maxter)[MIDR06.20.45E3]	02.96- 06.97	112189	28 80 BO		10.92- 10.96	111231	24	6.6
Iliade 11.1	(Iliade)[MIDR 06.23.56...]					10.96- 09.01	111231	24	6.6
Iliade 9.9	(Iliade)[MIDR 06.20.45 M41]	10.96- 09.01	112189	28 80		10.96- 09.01	111231	24	6.6
		10.96- 09.01	112343	28 140					
	(Iliade)[MIDR 06.20.45 R41]	10.96- 09.01	112189	28 80		10.96- 09.01	111231	24	6.6
		10.96- 09.01	112343	28 140					
Lander 320.18 7.2	(Premium 2)	02.09-	116015*	28 80		02.09-	114323	24	5.0
	(Premium 2)					02.09-	114733	24	5.5
	(Premium 2)					02.09-	115889	24	5.0 A49
	(Premium 2)					02.09-	115894	24	5.5 A49
Line 9.9	(Agora)[MI7R 06.20.45 B41]	05.98-	112189	28 80		05.98-	111231	24	6.6
		05.98-	112343	28 140					
	(Agora)[MI7R 06.20.45 C41]	05.98-	112189	28 80		05.98-	111231	24	6.6
		05.98-	112343	28 140					
M 140.11/T 5.5	(Midliner)[MIDS06.02.12C]	05.89- 03.93	110163	28 45		05.89- 03.93	113466	24	4.0
		05.89- 03.93	111331	28 60					
M 140.12 5.5	(Midliner)[MIDS06.02.12C]	06.89- 12.90	110163	28 45		05.89- 03.93	113466	24	4.0
M 140.13 5.5	(Midliner)[MIDS06.02.12C]	05.89- 03.93	111331	28 60					
		06.89- 12.90	110163	28 45		04.89- 03.93	113466	24	4.0
M 140.13/T 5.5	(Midliner)[MIDS06.02.12C]	04.89- 03.93	110163	28 45		04.89- 03.93	113466	24	4.0
		04.89- 03.93	111331	28 60					
M 150.09 6.2	(Midliner)[MIDR06.02.26U]					11.92- 10.96	113466	24	4.0
M 150.11 6.2	(Midliner)[MIDR06.02.26U]					11.92- 10.96	113466	24	4.0
M 150.12 6.2	(Midliner)[MIDR06.02.26U]					11.92- 10.96	113466	24	4.0
	(Midliner)[MIDR06.02.26U/4]					11.92-	113466	24	4.0
M 150.13 6.2	(Midliner)[MIDR06.02.26U]					11.92- 10.96	113466	24	4.0
	(Midliner)[MIDR06.02.26U/4]					05.96-	113466	24	4.0
M 150.14 6.2	(Midliner)[MIDR06.02.26U]					11.92- 10.96	113466	24	4.0
M 160.11/T 5.5	(Midliner)[MIDS06.02.12B]	05.89- 03.93	110163	28 45		05.89- 03.93	113466	24	4.0
		05.89- 03.93	111331	28 60					
M 160.12 5.5	(Midliner)[MIDS06.02.12B]	05.89- 03.93	111331	28 60					
		06.89- 12.90	110163	28 45		05.89-	113466	24	4.0

## STARTERS & ALTERNATORS



M 160.13 5.5	(Midliner)[MIDS06.02.12B]	05.89- 03.93	111331	28 60				
		06.89- 12.90	110163	28 45				
M 160.13/T 5.5	(Midliner)[MIDS06.02.12B]	05.89- 03.93	110163	28 45	05.89- 03.93	113466	24 4.0	
		05.89- 03.93	111331	28 60				
M 160.14 5.5	(Midliner)[MIDS06.02.12B]	06.89- 12.90	110163	28 45	05.89-	113466	24 4.0	
M 160.15 5.5	(Midliner)[MIDS06.02.12B]	06.89- 12.90	110163	28 45	05.89- 03.93	113466	24 4.0	
M 180.10 6.2	(Midliner)[MIDR06.02.26V]				11.92- 10.96	113466	24 4.0	
M 180.11 6.2	(Midliner)[MIDR06.02.26V]				11.92- 10.96	113466	24 4.0	
M 180.12 6.2	(Midliner)[MIDR06.02.26V]				11.92- 10.96	113466	24 4.0	
	(Midliner)[MIDR06.02.26V/41]				05.96- 01.00	113466	24 4.0	
M 180.13 6.2	(Midliner)[MIDR06.02.26V]				11.92- 10.96	113466	24 4.0	
	(Midliner)[MIDR06.02.26V/41]				05.96- 01.00	113466	24 4.0	
M 180.15 6.2	(Midliner)[MIDR06.02.26V]				11.92- 10.96	113466	24 4.0	
	(Midliner)[MIDR06.02.26V/41]				10.96- 01.00	113466	24 4.0	
M 180.16 6.2	(Midliner)[MIDR06.02.26V]				11.92- 10.96	113466	24 4.0	
	(Midliner)[MIDR06.02.26V/41]				05.96- 01.00	113466	24 4.0	
M 200.10 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	111331	28 60				
		06.89- 03.93	110163	28 45				
M 200.12 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	111331	28 60				
		06.89- 03.93	110163	28 45				
M 200.13 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	111331	28 60				
		06.89- 03.93	110163	28 45				
M 200.14 6.2	(Midliner)[MIDR06.02.26H]	06.89- 03.93	110163	28 45	05.88- 03.93	113466	24 4.0	
M 200.15 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	111331	28 60				
		06.89- 03.93	110163	28 45				
M 200.15/T 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	110163	28 45	05.88- 03.93	113466	24 4.0	
		05.88- 03.93	111331	28 60				
M 200.16 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	110163	28 45	05.88- 03.93	113466	24 4.0	
		05.88- 03.93	111331	28 60				
M 200.16/T 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	110163	28 45	05.88- 03.93	113466	24 4.0	
		05.88- 03.93	111331	28 60				
M 210.12 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28 45	05.92- 01.00	113466	24 4.0	
		05.92- 01.00	111331	28 60				
	(Midliner)[MIDR06.02.26W/41]	05.92- 01.93	110163	28 45				
		05.92- 01.00	111331	28 60	05.92- 01.00	113466	24 4.0	
M 210.13 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28 45	05.92- 01.00	113466	24 4.0	
		05.92- 01.00	111331	28 60				
		05.92-	112189	28 80				
	(Midliner)[MIDR06.02.26W/41]	05.92- 01.93	110163	28 45	05.92- 01.00	113466	24 4.0	
		05.92- 01.00	111331	28 60				
		05.92- 01.00	112189	28 80				
M 210.14 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28 45	05.92- 10.96	113466	24 4.0	
	(Midliner)[MIDR06.02.26W/41]	05.92- 01.93	110163	28 45	05.96- 01.00	113466	24 4.0	
		05.96- 01.00	112189	28 80				
M 210.15 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28 45	05.92- 01.00	113466	24 4.0	
		05.92- 01.00	111331	28 60				
		05.92-	112189	28 80				
	(Midliner)[MIDR06.02.26W/41]	05.92- 01.00	111331	28 60	05.92- 01.00	113466	24 4.0	
		05.92-	112189	28 80				
M 210.16 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28 45	05.92- 01.00	113466	24 4.0	
		05.92- 01.00	111331	28 60				
	(Midliner)[MIDR06.02.26W/41]	05.92- 01.93	110163	28 45	05.92- 01.00	113466	24 4.0	
		05.92- 01.00	111331	28 60				
		05.96- 01.00	112189	28 80				
M 230.10 6.2	(Midliner)[MIDR06.02.26D]	05.89- 07.92	111331	28 60				
		06.89- 03.93	110163	28 45				
	(Midliner)[MIDR06.02.26S]	05.89- 07.92	111331	28 60	05.89- 07.92	113466	24 4.0	
		06.89- 03.93	110163	28 45				
M 230.12 6.2	(Midliner)[MIDR06.02.26 X]				05.92- 10.96	113466	24 4.0	
	(Midliner)[MIDR06.02.26D]	05.89- 07.92	111331	28 60				
		06.89- 03.93	110163	28 45				
	(Midliner)[MIDR06.02.26S]	05.89- 07.92	111331	28 60				
		06.89- 03.93	110163	28 45	05.89- 07.92	113466	24 4.0	
M 230.13 6.2	(Midliner)[MIDR06.02.26 X]				05.89- 10.96	113466	24 4.0	
	(Midliner)[MIDR06.02.26D]	06.89- 03.93	110163	28 45	05.89- 07.92	113466	24 4.0	
	(Midliner)[MIDR06.02.26S]	06.89- 03.93	110163	28 45	05.89- 07.92	113466	24 4.0	
	(Midliner)[MIDR06.02.26Y/41]	05.96- 01.00	112189	28 80	05.96- 01.00	113466	24 4.0	
M 230.15 6.2	(Midliner)[MIDR06.02.26 X]	05.89- 10.96	111331	28 60	05.89- 10.96	113466	24 4.0	
	(Midliner)[MIDR06.02.26D]	05.89- 03.93	110163	28 45	05.89- 10.96	113466	24 4.0	
		05.89- 10.96	111331	28 60				
	(Midliner)[MIDR06.02.26S]	05.89- 10.96	111331	28 60				
		06.89- 03.93	110163	28 45	05.89- 10.96	113466	24 4.0	
M 230.16 6.2	(Midliner)[MIDR06.02.12D]				05.89- 07.92	113466	24 4.0	
	(Midliner)[MIDR06.02.26 X]	05.89- 10.96	111331	28 60	05.89- 10.96	113466	24 4.0	
	(Midliner)[MIDR06.02.26D]	05.89- 03.93	110163	28 45	05.89- 10.96	113466	24 4.0	
		05.89- 10.96	111331	28 60				
	(Midliner)[MIDR06.02.26S]	05.89- 10.96	111331	28 60				
		06.89- 03.93	110163	28 45	05.89- 10.96	113466	24 4.0	
M 250.13 6.2	(Midliner)[MIDR06.02.26Y/41]	05.96- 01.00	112189	28 80	05.96- 01.00	113466	24 4.0	
M 250.15 6.2	(Midliner)[MIDR06.02.26Y/41]	05.96- 01.00	112189	28 80	05.96- 01.00	113466	24 4.0	
M 250.16 6.2	(Midliner)[MIDR06.02.26Y/41]	05.96- 01.00	112189	28 80	05.96- 01.00	113466	24 4.0	
ME 160.13 5.5	(Midliner)[MIDS06.02.12B]	05.89- 03.93	111331	28 60				
		01.90- 01.93	110163	28 45	05.89-	113466	24 4.0	
ME 160.15 5.5	(Midliner)[MIDS06.02.12B]	05.89- 03.93	111331	28 60				
		01.90- 01.93	110163	28 45	05.89-	113466	24 4.0	
ME 180.15 5.5	(Midliner)[MIDR06.02.12D]	05.89- 03.93	111331	28 60				
		01.90- 01.93	110163	28 45				
R 310.16 12.0	[MIDR06.35.40C]	10.80- 03.89	110163	28 45				
		10.80- 03.89	111331	28 60				
R 310.17 12.0	[MIDR06.35.40C]	10.80- 03.89	110163	28 45				
		10.80- 03.89	111331	28 60				
R 310.19 12.0	[MIDR06.35.40C]	10.80- 03.89	110163	28 45				
R 310.22 12.0	[MIDR06.35.40C]	10.80- 03.89	110163	28 45				
		10.80- 03.89	111331	28 60				
R 330.17 9.8	[MIDR06.20.45E]	05.88- 05.91	111331	28 60	05.88- 05.91	111231	24 6.6	
R 330.19 9.8	[MIDR06.20.45E]				05.88- 05.91	111231	24 6.6	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

RENAULT V.I. Continued

R 330.24 9.8	[MIDR06.20.45E]	05.88-05.91	111331	28 60	05.88-05.91	111231	24 6.6
R 332 9.8	[MIHR06.20.45A41]	07.96-12.03	112343	28 140			
R 340.17 12.0	[MIDR06.35.40G]	03.86-01.90	111331	28 60			
R 340.19 12.0	[MIDR06.35.40G]	03.86-01.90	111331	28 60			
R 340.24 12.0	[MIDR06.35.40G]	03.86-01.90	111331	28 60			
R 340TI.16 9.8	[MIDR06.20.45E]	01.90-12.92	111331	28 60	01.90-12.92	111231	24 6.6
	(Major)[MIDR06.20.45E3]	05.91-10.96	111331	28 60	05.91-10.96	111231	24 6.6
R 340TI.17 11.1	[MIDR06.20.45E]	01.90-12.92	111331	28 60	01.90-12.92	111231	24 6.6
R 340TI.17 9.8	(Major)[MIDR06.20.45E3]				05.91-10.96	111231	24 6.6
R 340TI.18 9.8	[MIDR06.20.45E]	01.90-12.92	111331	28 60	01.90-12.92	111231	24 6.6
	(Major)[MIDR06.20.45E3]	05.91-10.96	111331	28 60	05.91-10.96	111231	24 6.6
R 340TI.19 11.1	[MIDR06.20.45E]	01.90-12.92	111331	28 60	01.90-12.92	111231	24 6.6
R 340TI.19 9.8	[MIDR06.20.45E]	01.90-12.92	111331	28 60	01.90-12.92	111231	24 6.6
	(Major)[MIDR06.20.45E3]	05.91-10.96	111331	28 60	05.91-10.96	111231	24 6.6
R 340TI.24 9.8	(Major)[MIDR06.20.45E]	05.91-10.96	111331	28 60	05.91-10.96	111231	24 6.6
		01.90-12.92	111331	28 60	01.90-12.92	111231	24 6.6
R 340TI.26 9.8	[MIDR06.20.45E]	01.90-12.92	111331	28 60	01.90-12.92	111231	24 6.6
	(Major)[MIDR06.20.45E3]	05.91-10.96	111331	28 60	05.91-10.96	111231	24 6.6
R 350.17 12.0	(Major)[MIDR06.35.40G]	05.91-12.92	111331	28 60			
		01.90-09.90	111331	28 60			
R 350.18 12.0	(Major)[MIDR06.35.40G]	05.91-12.92	111331	28 60			
		01.90-09.90	111331	28 60			
R 350.19 12.0	[MIDR06.35.40G]	01.90-09.90	111331	28 60			
R 350.24 12.0	[MIDR06.35.40G]	01.90-09.90	111331	28 60			
	[MIDR06.35.40H]	05.91-10.92	111331	28 60			
R 350.26 12.0	(Major)[MIDR06.35.40G]	05.91-12.92	111331	28 60			
		01.90-09.90	111331	28 60			
R 360.19/T 14.9	[MIVS08.35.30]	01.90-05.91	111331	28 60	01.90-05.91	111231	24 6.6
R 360.26/T 14.9	[MIVS08.35.30]	01.90-05.91	111331	28 60	01.90-05.91	111231	24 6.6
R 365.17 12.0	[MIDR06.35.40H]	10.87-05.90	111331	28 60			
R 365.24 12.0	[MIDR06.35.40H]	10.87-05.90	111331	28 60			
R 370.16 14.9	[MIVS08.35.30F]	10.83-07.85	111331	28 60	10.84-12.85	111231	24 6.6
R 370.19/T 14.9	[MIVS08.35.30F]	10.83-07.85	111331	28 60	10.83-07.85	111231	24 6.6
R 370.22 14.9	[MIVS08.35.30F]	10.83-07.85	111331	28 60	10.84-12.85	111231	24 6.6
R 370.26/T 14.9	[MIVS08.35.30F]	10.83-07.85	111331	28 60	10.83-07.85	111231	24 6.6
R 380.17 12.0	[MIDR06.35.40H]	01.90-09.90	111331	28 60			
R 380.18 12.0	[MIDR06.35.40H]	01.90-09.90	111331	28 60			
	(Major)[MIDR06.35.40L1]	05.91-10.96	111331	28 60			
R 380.19 12.0	[MIDR06.35.40H]	01.90-09.90	111331	28 60			
R 380.22 12.0	[MIDR06.35.40H]	01.90-09.90	111331	28 60			
R 380.24 12.0	[MIDR06.35.40H]	01.90-09.90	111331	28 60			
	(Major)[MIDR06.35.40L1]	05.91-10.96	111331	28 60			
R 380.25 12.0	(Major)[MIDR06.35.40H]	05.91-12.92	111331	28 60			
		01.90-09.90	111331	28 60			
	(Major)[MIDR06.35.40L1]	05.91-10.96	111331	28 60			
R 380.26 12.0	[MIDR06.35.40H]	01.90-09.90	111331	28 60			
	(Major)[MIDR06.35.40L1]	05.91-10.96	111331	28 60			
R 385TI.18 12.0	(Major)[MIDR06.35.40N/3]	05.91-10.96	111331	28 60			
R 385TI.24 12.0	(Major)[MIDR06.35.40N/3]	05.91-10.96	111331	28 60			
R 385TI.25 12.0	(Major)[MIDR06.35.40N/3]	05.91-10.96	111331	28 60			
R 385TI.26 12.0	(Major)[MIDR06.35.40N/3]	05.91-10.96	111331	28 60			
R 390.16 14.9	[MIVR08.35.30C]	07.85-03.89	111331	28 60	07.85-03.89	111231	24 6.6
R 390.17 14.9	[MIVR08.35.30C]	07.85-03.89	111331	28 60	07.85-03.89	111231	24 6.6
R 390.19/T 14.9	[MIVR08.35.30C]	07.85-03.89	111331	28 60	07.85-03.89	111231	24 6.6
R 390.22 14.9	[MIVR08.35.30C]	07.85-03.89	111331	28 60	07.85-03.89	111231	24 6.6
R 390.24 14.9	[MIVR08.35.30C]	07.85-03.89	111331	28 60	07.85-03.89	111231	24 6.6
R 420.17 14.9	[MIVR08.35.30G]	10.88-10.91	111331	28 60			
	[MIVR08.35.30H]	10.88-10.91	111331	28 60			
R 420.24 14.9	[MIVR08.35.30G]	10.88-10.91	111331	28 60			
	[MIVR08.35.30H]	10.88-10.91	111331	28 60			
R 420.35 14.9	[MIVR08.35.30G]	10.88-10.91	111331	28 60			
	[MIVR08.35.30H]	10.88-10.91	111331	28 60			
S 110.06 5.5	(Midliner)[797-21]	06.85-09.90	110163	28 45	06.85-09.90	113465	12 3.0
					06.85-09.90	113466	24 4.0
S 110.07 5.5	(Midliner)[797-21]	06.85-09.90	110163	28 45	06.85-09.90	113466	24 4.0
S 110.08 5.5	(Midliner)[797-21]	05.85-09.90	111331	28 60			
		06.85-09.90	110163	28 45	06.85-09.90	113466	24 4.0
S 120.06 3.9	(Midliner)[T4.40]	09.90-11.92	110163	28 45			
S 120.06 4.0	(Midliner)[T4.40 A/3]	11.92-10.94	110163	28 45			
	(Midliner)[T4.40 CC]	11.92-10.94	110163	28 45			
S 120.07 3.9	(Midliner)[T4.40]	09.90-11.92	110163	28 45			
S 120.07 4.0	(Midliner)[T4.40 A/3]	11.92-10.94	110163	28 45			
	(Midliner)[T4.40 CC]	11.92-10.94	110163	28 45			
S 120.08 3.9	(Midliner)[T4.40]	09.90-11.92	110163	28 45			
S 120.08 4.0	(Midliner)[T4.40 A/3]	11.92-10.94	110163	28 45			
	(Midliner)[T4.40 CC]	11.92-10.94	110163	28 45			
S 120.09 3.9	(Midliner)[T4.40]	09.90-11.92	110163	28 45			
S 120.09 4.0	(Midliner)[T4.40 A/3]	11.92-10.94	110163	28 45			
	(Midliner)[T4.40 CC]	11.92-10.94	110163	28 45			
S 130.06 5.5	(Midliner)[797]				09.83-01.90	113466	24 4.0
S 130.07 5.5	(Midliner)[797]				05.83-03.90	113465	12 3.0
					09.83-01.90	113466	24 4.0
S 130.08 5.5	(Midliner)[797]				09.83-01.90	113466	24 4.0
S 130.08 5.5	(Midliner)[797]	09.83-01.90	111331	28 60	05.83-03.90	113465	12 3.0
					09.83-01.90	113466	24 4.0
S 130.09 5.5	(Midliner)[797]	09.83-01.90	111331	28 60	09.83-01.90	113466	24 4.0
	(Midliner)[797.20]				09.83-01.90	113466	24 4.0
S 130.11 5.5	(Midliner)[797]				09.83-01.90	113466	24 4.0
	(Midliner)[797.20]				09.83-01.90	113466	24 4.0
S 130.13 5.5	(Midliner)[797]				09.83-01.90	113466	24 4.0
S 135.08 4.0	(Midliner)[T4.40 B/3]	02.94-05.96	110163	28 45	02.94-05.96	113466	24 4.0
S 135.08 4.1	(Midliner)[MIDR04.02.26A/41]				05.96-	113466	24 4.0
S 135.09 4.1	(Midliner)[MIDR04.02.26A/41]	05.96-01.00	110163	28 45	05.96-	113466	24 4.0
S 140.07 5.5	(Midliner)[MIDS06.02.12C]	01.90-09.93	111331	28 60			
		02.90-12.90	110163	28 45	01.90-09.93	113466	24 4.0

STARTERS & ALTERNATORS



S 140.08 5.5	(Midliner)[MIDS06.02.12C]	01.90- 09.93	111331	28 60					
		02.90- 12.90	110163	28 45					
		01.90- 09.93	111331	28 60		01.90- 09.93	113466	24 4.0	
S 140.09 5.5	(Midliner)[MIDS06.02.12C]	02.90- 12.90	110163	28 45					
S 150.08 4.1	(Midliner)[MIDR04.02.26B/41]					05.96- 01.00	113466	24 4.0	
S 150.08 5.5	(Midliner)[798-10]	05.83- 07.86	110163	28 45		05.83- 07.86	113465	12 3.0	
		05.83- 07.86	111331	28 60		05.83- 07.86	113466	24 4.0	
	(Midliner)[MIDS06.02.12B]	05.86- 09.90	110163	28 45		05.86- 09.90	113465	12 3.0	
		05.86- 09.90	111331	28 60		05.86- 09.90	113466	24 4.0	
	(Midliner)[MIDS06.02.12D/3]	01.94- 05.96	110163	28 45		01.94- 05.96	113466	24 4.0	
S 150.08 6.2	(Midliner)[MIDR06.02.26U]					11.92- 01.94	113466	24 4.0	
	(Midliner)[MIDR06.02.26U/4]					05.96- 01.00	113466	24 4.0	
	(Midliner)[MIDS06.02.12B]	05.86- 09.90	110163	28 45		05.86- 09.90	113465	12 3.0	
		05.86- 09.90	111331	28 60		05.86- 09.90	113466	24 4.0	
S 150.09 4.1	(Midliner)[MIDR04.02.26B/41]	05.96- 09.98	110163	28 45		05.96- 01.00	113466	24 4.0	
		05.96- 01.00	115454	28 40					
S 150.09 5.5	(Midliner)[798-10]	05.83- 07.86	110163	28 45		05.83- 07.86	113465	12 3.0	
		05.83- 07.86	111331	28 60		05.83- 07.86	113466	24 4.0	
	(Midliner)[MIDS06.02.12B]	05.86- 09.90	110163	28 45		05.86- 09.90	113465	12 3.0	
		05.86- 09.90	111331	28 60		05.86- 09.90	113466	24 4.0	
	(Midliner)[MIDS06.02.12D/3]	01.94- 05.96	110163	28 45		01.94- 05.96	113466	24 4.0	
S 150.09 6.2	(Midliner)[MIDR06.02.26U]					11.92- 01.94	113466	24 4.0	
	(Midliner)[MIDR06.02.26U/4]					05.96- 01.00	113466	24 4.0	
S 150.11 5.5	(Midliner)[MIDS06.02.12B]	05.86- 09.90	110163	28 45		05.86- 09.90	113465	12 3.0	
		05.86- 09.90	111331	28 60		05.86- 09.90	113466	24 4.0	
S 150.13 5.5	(Midliner)[MIDS06.02.12B]	05.86- 09.90	110163	28 45		04.86- 09.90	113465	12 3.0	
		05.86- 09.90	111331	28 60		04.86- 09.90	113466	24 4.0	
S 150.14 5.5	(Midliner)[MIDS06.02.12B]	05.86- 09.90	110163	28 45		05.86- 09.90	113465	12 3.0	
						05.86- 09.90	113466	24 4.0	
S 160.08 5.5	(Midliner)[MIDS06.02.12B]	01.90- 09.93	111331	28 60					
		02.90- 12.90	110163	28 45		01.90- 09.93	113466	24 4.0	
S 160.09 5.5	(Midliner)[MIDS06.02.12B]	01.90- 09.93	111331	28 60					
		02.90- 12.90	110163	28 45		01.90- 09.93	113466	24 4.0	
S 170.11 5.5	(Midliner)[MIDR06.02.12D]	10.82- 03.93	110163	28 45		10.82- 03.93	113465	12 3.0	
						10.87- 05.89	113466	24 4.0	
S 170.13 5.5	(Midliner)[MIDR06.02.12D]	10.82- 03.93	110163	28 45		10.82- 03.93	113465	12 3.0	
						10.83- 03.93	113466	24 4.0	
S 170.14 5.5	(Midliner)[MIDR06.02.12D]	10.82- 03.93	110163	28 45		10.82- 03.93	113465	12 3.0	
						10.83- 05.89	113466	24 4.0	
S 170.14/T 5.5	(Midliner)[MIDR06.02.12D]	10.82- 03.93	110163	28 45		10.82- 03.93	113466	24 4.0	
		10.82- 03.93	111331	28 60					
S 170.15 5.5	(Midliner)[MIDR06.02.12D]	10.82- 03.93	110163	28 45		10.82- 09.93	113465	12 3.0	
						10.82- 09.93	113466	24 4.0	
S 180.08 6.2	(Midliner)[MIDR06.02.26V]					11.92- 10.96	113466	24 4.0	
	(Midliner)[MIDR06.02.26V/41]					05.96- 01.00	113466	24 4.0	
S 180.09 6.2	(Messenger)[MIDR06.02.26V]					11.92- 10.96	113466	24 4.0	
	(Midliner)					11.92- 10.96	113466	24 4.0	
	(Midliner)[MIDR06.02.26V/41]					05.96- 01.00	113466	24 4.0	
S 210.08 6.2	(Midliner)[MIDR06.02.26W]	04.95- 01.00	115454	28 40		04.95- 01.00	113466	24 4.0	
	(Midliner)[MIDR06.02.26W/41]					04.95- 01.00	113466	24 4.0	
S 210.09 6.2	(Midliner)[MIDR06.02.26W]	04.95- 01.00	115454	28 40		04.95- 01.00	113466	24 4.0	
	(Midliner)[MIDR06.02.26W/41]					04.95- 01.00	113466	24 4.0	
S 220.11 6.2	(Midliner)[MIDR06.02.26]	09.87- 09.90	110163	28 45		09.87- 09.90	113466	24 4.0	
		09.87- 09.90	111331	28 60					
	(Midliner)[MIDR06.02.26D]	09.87- 09.90	110163	28 45		09.87- 09.90	113466	24 4.0	
		09.87- 09.90	111331	28 60					
S 220.13 6.2	(Midliner)[MIDR06.02.26]	09.87- 09.90	110163	28 45		09.87- 09.90	113466	24 4.0	
		09.87- 09.90	111331	28 60					
	(Midliner)[MIDR06.02.26D]	09.87- 09.90	110163	28 45		09.87- 09.90	113466	24 4.0	
		09.87- 09.90	111331	28 60					
S 220.14 6.2	(Midliner)[MIDR06.02.26]	09.87- 09.90	110163	28 45		09.87- 09.90	113466	24 4.0	
		09.87- 09.90	111331	28 60					
	(Midliner)[MIDR06.02.26D]	09.87- 09.90	110163	28 45		09.87- 09.90	113466	24 4.0	
		09.87- 09.90	111331	28 60					
S 90 3.6	(Midliner)[720]	05.84- 12.94	110163	28 45					
		05.84- 12.94	111331	28 60					
TB 191/T 8.8	[MID06.20.30]	06.80- 12.84	110163	28 45		06.80- 12.84	111231	24 6.6	
TB 231/T 8.8	[MIDS06.20.30]	06.80- 12.84	110163	28 45		06.80- 12.84	111231	24 6.6	
TR 350 14.9	[MIVS08.35.30]					08.77- 12.81	111231	24 6.6	
TR 350/T 14.9	[MIVS08.35.30]					08.77- 12.81	111231	24 6.6	
Tracer 9.8	(Tracer)[MIHR 06.20.45 A41]	07.96-	112343	28 140					
TRH 350 14.9	[MIVS08.35.30]					08.77- 06.80	111231	24 6.6	
TRH 350/T 14.9	[MIVS08.35.30]					08.77- 06.80	111231	24 6.6	
Various models 7.2		01.09-	115832*	28 80					
Various models						05.87- 05.91	111231	24 6.6	
<b>Rover</b>									
<b>PASSENGER CARS EU</b>									
25 1.1 16V	[11K4F]	Chas. -YD471564	05.05-	111756	14 65	05.05-	113346	12 0.8	
		Chas. TD471565-, YD524392	05.05-	112414	14 85				
25 1.4 16V	[14K4F]		10.99-	112414	14 85	10.99-	113346	12 0.8	
			AC 10.99-	112414	14 85				
	[14K4M]		10.99-	112414	14 85	10.99-	113346	12 0.8	
			AC 10.99-	112414	14 85				
25 1.6 16V	[16K4F]		10.99-	112414	14 85	10.99-	113346	12 0.8	
			AC 10.99-	112414	14 85				
25 1.8 16V	[18K4F]		10.99-	112414	14 85	10.99-	113281	12 1.1	
	[18K4K]		02.00-	112414	14 85	02.00-	113281	12 1.1	
25 2.0 iDT	[20T2N]		10.99- 05.05	114386	14 90	10.99-	113928	12 1.7	
						01.02- 06.04	113361	12 1.7	
45 1.4	[14K4F]		02.00-	112414	14 85	02.00- 05.05	113346	12 0.8	
			AC 02.00-	112414	14 85				
45 1.6	[16K4F]		02.00-	112414	14 85	02.00-	113346	12 0.8	
			AC 02.00-	112414	14 85				
45 1.8	[18K4F]		02.00-	112414	14 85	02.00-	113281	12 1.1	
			AC 02.00-	112414	14 85				
45 2.0 V6	[20K4F]		02.00-	115864	14 90				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**ROVER** *Continued*

45 2.0 iDT	[20T2N]	02.00- 05.05	114386	14 90		02.00- 113361	12 1.7
						02.00- 113928	12 1.7
75 2.0 V6	[20K4F]	02.99-	115864	14 90		AT 02.99- 115950	12 2.0
75 2.0 CDT	[M47R]	02.99-	112462	14 120		02.99- 113965	12 2.0
		02.99-	112472	14 100			
75 2.0 CDTi	[204D2]	02.03-	112462	14 120		02.03- 113965	12 2.0
		02.03-	112472	14 100			
75 2.5 V6	[25K4F]	10.01-	115864	14 90		10.01- 115950	12 2.0
	[KV6]	02.99- 10.01	115864	14 90		02.99- 10.01 115950	12 2.0
111 1.1 Metro	[11K2A]	03.90- 03.98	111086	14 65		03.90- 113346	12 0.8
			111364	14 55			
	[11K2D]	03.90- 03.98	111086	14 65		03.90- 113346	12 0.8
		03.90-	111364	14 55			
114 1.4	[14K2D]	03.90-	111364	14 55		03.90- 113346	12 0.8
		03.90-	112238	14 65			
	[14K4F]					03.97- 10.98 113346	12 0.8
114 1.4 Metro	[14K2A]	03.90-	111364	14 55		03.90- 113346	12 0.8
		03.90-	112238	14 65			
		09.90- 03.98	111756	14 65			
	[14K2D]	09.90- 03.98	111756	14 65		04.94- 113346	12 0.8
114 1.4 16V Metro	[14K4C]	03.90-	111364	14 55		03.90- 113346	12 0.8
		03.90-	112238	14 65			
		02.96-	111756	14 65			
	[14K4D]	03.90-	111364	14 55		03.90- 113346	12 0.8
		03.90-	112238	14 65			
		02.96-	111756	14 65			
114 1.4 GSi	[14K4F]	10.94- 10.95	111364	14 55		10.94- 10.95 113346	12 0.8
		10.94- 10.95	112238	14 65			
114 1.4 GTi 16V	[14K4F]	08.91-	112238	14 65		08.91- 113346	12 0.8
114 1.4 GTi 16V Metro	[14K4C]	03.90- 08.91	112238	14 65		03.90- 08.91 113346	12 0.8
	[14K4D]	03.90- 08.91	112238	14 65		03.90- 08.91 113346	12 0.8
114 1.4	[TUD3]					AT 10.92- 12.94 113346	12 0.8
						10.92- 12.94 111029	12 1.4
115 1.5 Diesel Metro	[TUD5]	12.94- 12.98	112287	14 70		12.94- 12.98 111029	12 1.4
200 1.8	[18K4F]	08.99- 03.00	111756	14 65		08.99- 03.00 113281	12 1.1
200 2.0 Diesel SD	[20T2R]	11.95- 03.00	114386	14 90		11.95- 113361	12 1.7
211 1.1	[11K2D]	01.98-	111756	14 65		01.98- 113346	12 0.8
213 1.3	[EV2]	09.85- 09.89	110927	14 55		09.85- 09.89 110249	12 0.8
214 1.4	[14K2A]	09.93-	111362	14 55		09.93- 113346	12 0.8
	[14K2D]	09.93-	111362	14 55		09.93- 113346	12 0.8
		10.89-	111364	14 55	▲	Chas. 605482- 10.89- 02.96 113346	12 0.8
		10.89- 09.93	112238	14 65			
		10.92- 02.96	112238	14 65			
	[14K4D]	10.89-	111364	14 55	▲	10.89- 113346	12 0.8
		10.89- 09.93	112238	14 65			
	[14K4F]	12.92-	111364	14 55	▲	12.92- 113346	12 0.8
		12.92-	112238	14 65			
214 1.4 i	[14K2F]	11.95-	111756	14 65		11.95- 113346	12 0.8
	[14K4C]	01.92-	111362	14 55		01.92- 113346	12 0.8
	[14K4D]	01.92-	111362	14 55		01.92- 113346	12 0.8
	[14K4F]	01.93-	112238	14 65		01.93- 113346	12 0.8
214 1.4 Si	[14K4F]	02.96-	111756	14 65		11.95- 113346	12 0.8
216 1.6	[16H]	03.85- 09.89	111756	14 65			
216 1.6 Vitesse	[16H]	03.85- 09.89	111086	14 65			
216 1.6 GSi	[D16 Z2]	10.89- 02.96	111578	14 60		10.89- 110312	12 1.0
216 1.6 GTi	[D16 A8]	09.90-	111578	14 60		09.90- 110312	12 1.0
	[D16A9]	09.90- 10.95	111578	14 60			
216 1.6 i	[16K4F]	01.96- 03.00	111756	14 65		01.96- 03.00 113346	12 0.8
	[D16 A8]	01.92-	111578	14 60			
216 1.6 Si	[16K4F]	02.96-	111756	14 65		11.95- 113346	12 0.8
216 1.6 Turbo	[D16 A8]	10.92-	111578	14 60		10.92- 110312	12 1.0
218 1.8 i	[18K4K]	11.95- 03.00	111756	14 65		11.95- 113281	12 1.1
		11.95-	112202	14 85			
218 1.8 Diesel	[XUD7TE]					09.91- 10.95 113928	12 1.7
220 2.0 GTi	[20M4F]	09.91- 10.95	110968	14 70			
		09.91-	111355	14 65			
220 2.0 Turbo	[20T4G]	10.92-	110968	14 70			
		10.92-	111355	14 65	▲		
220 2.0 SDi	[20T2N]	11.95- 03.00	114386	14 90		11.95- 113361	12 1.7
400 1.4	[14K2F]	03.96- 12.97	111756	14 65		03.96- 12.97 113346	12 0.8
400 1.6	[D16B2]	05.95- 03.00	111756	14 65		05.95- 03.00 111442	12 1.4
		05.95- 03.00	112414	14 85			
400 1.8 i	[18K4K]	06.96- 11.98	111756	14 65		06.96- 113281	12 1.1
414 1.4	[14K4C]		111364	14 55	▲	04.90- 113346	12 0.8
	[14K4D]	04.90- 02.96	111364	14 55	▲	04.90- 113346	12 0.8
	[14K4F]	01.93-	112238	14 65		01.93- 113346	12 0.8
414 1.4 Si	[14K4F]	04.96-	111756	14 65		05.95- 113346	12 0.8
416 1.6	[D16 Z2]	04.90-	111578	14 60		04.90- 110312	12 1.0
416 1.6 16V	[16K4F]	03.96-	111756	14 65		03.96- 113346	12 0.8
416 1.6 GTi	[D16 A8]	04.90-	111578	14 60		04.90- 110312	12 1.0
416 1.6 Si	[16K4F]	04.96-	111756	14 65		AT, Chas. AD250029- 05.95- 03.00 112217	12 1.0
		04.96-	112202	14 85		05.95- 03.00 113346	12 0.8
	[D16Y2]	04.96-	111756	14 65		AT, Chas. AD250029- 05.95- 03.00 112217	12 1.0
		04.96-	112202	14 85		05.95- 03.00 113346	12 0.8
418 1.8 16V	[18 K4K (VVC)]	01.97- 12.98	111756	14 65			
420 2.0 Diesel Di	[20T2N]	05.95- 03.00	114386	14 90		05.95- 113361	12 1.7
420 2.0 Diesel	[20T2N]	05.95- 03.00	114386	14 90		05.95- 113361	12 1.7
	[20T2R]	11.95- 03.00	114386	14 90		11.95- 113361	12 1.7
618 1.9 i Si	[F18A3]					AT 03.96- 111442	12 1.4
						03.96- 112214	12 1.6
620 2.0 i	[F20Z2]					08.93- 06.96 112214	12 1.6
620 2.0 Si	[F20Z1]					AT 08.93- 111442	12 1.4
						08.93- 112214	12 1.6
620 2.0 SDi	[20T2N]	12.94- 12.98	114386	14 90		12.94- 113361	12 1.7
623 2.3 Si	[H23A3]					AT 08.93- 111442	12 1.4
						08.93- 112214	12 1.6



820 2.0 16V Si	[20HD]	10.86- 10.88	110968	14 70					
820 2.0 i 16V	[20HD]	10.86- 10.88	110968	14 70					
		10.86- 10.88	111738	14 65					
		10.88- 01.91	111355	14 65					
820 2.0 i	[20HD]				10.88- 12.91	110443	12 2.1		
	[20T4H]				01.92- 02.99	110443	12 2.1		
820 2.0 Si	[20HD]				10.88- 12.91	110443	12 2.1		
	[20HDM16]	10.88- 12.91	110968	14 70	10.88- 12.91	111131	12 0.8		
		10.88- 12.91	111355	14 65					
825 2.5 Diesel	[425SL1RR]				01.92-	112454	12 2.2		
	[4924SHIRG]				01.92-	112454	12 2.2		
825 2.5 TD	[425SL1RR]				09.93-	112454	12 2.2		
	[4924SHIRG]				09.93-	112454	12 2.2		
825 2.7 SLi Vitesse	[C27A2]	10.88- 12.91	110968	14 70					
827 2.7	[C27A1]	10.88- 12.91	111355	14 65					
		10.88- 12.91	111355	14 65					
		08.92- 02.99	110968	14 70					
827 2.7 24V	[C27A1]	08.92-	111355	14 65					
		08.92-	111355	14 65					
827 2.7 Si	[C27A1]	01.92- 02.99	110968	14 70					
		01.92-	111355	14 65					
	[C27A2]	02.88- 12.91	110968	14 70					
827 2.7 Si Sterling	[C27A1]	02.88- 12.91	111355	14 65					
		02.88- 12.91	111355	14 65					
	[C27A2]	02.88- 12.91	110968	14 70					
1300 1.3	[12A2A]	06.91- 02.94	112203	14 65					
	[12A2B]	04.92- 10.96	112203	14 65					
	[12A2L]	05.96- 10.96	112203	14 65					
2200 2.2		09.63- 05.76	111185	14 43	A47				
3500 3.5	[38A]	06.76- 01.77	113474	14 65					
		04.68- 05.76	111184	14 43					
820 E 2.0	[20HS]	10.86- 10.91	110968	14 70					
		10.86- 10.88	111738	14 65					
		10.88- 10.91	111355	14 65					
Maestro 1.3	[12HE]	09.90- 01.95	110770	14 55					
Maestro 1.6		09.90- 01.95	111086	14 65					
Maestro 2.0 Diesel	[Prima 65]	09.90- 10.92	110770	14 55					
Maestro 2.0 TD	[BB]	09.90- 01.95	110770	14 55					
Mini 1.0 1000	[99HD81]	01.92- 06.93	111289	14 70					
Mini 1.3	[12 A2B]	10.92- 07.96	111289	14 70					
	[12A2E]	09.94- 07.96	111289	14 70					
		01.96- 09.00	112203	14 65					
Mini 1.3 1300	[12A2A]	01.91- 12.91	110178	14 36					
	[12A2D]	01.92-	111289	14 70					
		01.92-	112203	14 65					
	[12A2E]	01.92-	112203	14 65					
Montego 1.3	[12HL]	10.84- 10.88	111362	14 55					
Montego 1.6	[16HL]	01.84- 01.91	111086	14 65					
		10.90- 09.92	111176	14 75	A47				
Montego 2.0	[20H]	12.90-	110770	14 55					
Montego 2.0 GTi	[20H]	01.84- 01.92	112238	14 65					
		10.88- 10.91	110968	14 70					
		10.88- 10.91	111362	14 55					
	AC	10.88- 10.91	111355	14 65					
Montego 2.0 TD	[BB]	10.88- 10.95	110770	14 55					
Streetwise 1.4	[14K4F]				08.03-	113346	12 0.8		
Streetwise 2.0 TD	[20T2N]	08.03- 05.05	114386	14 90	08.03-	113361	12 1.7		
<b>Ruggerini</b>									
<b>MARINE</b>									
Various models						05.82-	112497	12 1.4	
						02.95-	112034	12 1.7	
							115423	12 3.0	
<b>MOTORS</b>									
Ni Vozil							113480	12 1.2	
RF80						09.81-	112034	12 1.7	
RF81						09.81-	112034	12 1.7	
RF96						03.88-	112034	12 1.7	
RF99						06.86-	112034	12 1.7	
Various models 0.7	[MD15.]				06.87-	112497	12 1.4		
	[MM150]				07.91-	112497	12 1.4		
	[MW15.]				02.89-	112497	12 1.4		
Various models 0.9	[MD19.]				03.89-	112497	12 1.4		
					03.89-	114719	12 1.2		
	[MM19.]				03.89-	112497	12 1.4		
Various models	[MW19.]				06.89-	112497	12 1.4		
	[MD300]					115697	12 1.8		
	[MD301]					115697	12 1.8		
	[MD350]					115697	12 1.8		
					09.81-	115423	12 3.0		
					09.81-	112034	12 1.7		
<b>Sabb</b>									
<b>MARINE</b>									
9 1.6						[2G]	01.59- 06.83	111284	12 2.5
							01.59- 06.83	111304	12 1.9
16 1.9						[2J]	01.72-	111284	12 2.5
							01.72-	111304	12 1.9
<b>Sabre</b>									
<b>MARINE</b>									
Various models			113714	28 55					
			112112	14 70					
<b>Same</b>									
<b>AGRICULTURE</b>									
100DT			[1000.4WT]	115689	14 80				
70DT			[1000.3W]	115689	14 80				
75DT			[1000.4W]	115689	14 80				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**SAME** Continued

90DT	[1000.4WT]		115689	14	80						
Buffalo 120 6.2	[DA1056]							01.78- 10.80	110530	12	3.0
								07.74- 12.77	110551	12	3.0
								10.80- 10.81	111001	12	3.0
Centaurus 70 Diesel		12.81- 10.87	111180	14	33			12.81- 10.87	110530	12	3.0
		12.81- 10.87	110882	14	45						
		06.85-	110890	14	55						
Centurion 75 Diesel		01.81-	110890	14	55			11.78- 05.88	110530	12	3.0
		11.78- 05.88	111180	14	33						
		11.78- 05.88	110882	14	45						
Drago 5.4								10.80- 10.83	111001	12	3.0
								01.78- 05.86	110530	12	3.0
								11.71- 12.77	110551	12	3.0
Explorer 60 3.0 Diesel	[100.3A]	06.86-	110882	14	45						
Explorer 70 4.0 Diesel		07.86-	110882	14	45			07.86-	111001	12	3.0
Explorer 80 4.0 Diesel								07.86-	111001	12	3.0
Explorer 90 4.0 Diesel		06.86-	110882	14	45			06.86-	111001	12	3.0
Frutteto 75 3.0 Diesel								05.91-	110530	12	3.0
								05.91-	111001	12	3.0
Galaxy 170 6.2 Diesel								06.83-	110530	12	3.0
Laser 100 5.2 Diesel		03.84- 05.85	110882	14	45			03.84-	110530	12	3.0
Laser 110 5.7 Diesel								03.83- 12.87	110530	12	3.0
Laser 130 6.2 Diesel								04.83- 12.87	110530	12	3.0
Laser 150 6.2 Diesel		03.83-	110882	14	45			03.83- 12.87	110530	12	3.0
Panter 4.5	[DA985]							07.74- 12.77	110551	12	3.0
Ranger 45 2.7 Diesel		02.82- 08.85	111180	14	33			02.82-	110530	12	3.0
		09.85- 04.88	110882	14	45						
Solar 50 2.7 Diesel		06.86-	110882	14	45						
Solar 55 2.8 Diesel		06.87-	110882	14	45						
Solar 60 3.1 Diesel								06.86-	110530	12	3.0
Titan 160 6.0 Diesel		05.91-	112556	14	95			05.91-	110530	12	3.0
Titan 190 6.0 Diesel		01.92-	112556	14	95			01.92-	110530	12	3.0
Transporter								01.91-	110530	12	3.0
Various models		01.70- 01.97	111649	14	33			05.60-	110530	12	3.0
			116077*						116093*	12	4.0
								11.71- 12.77	110551	12	3.0
									111001	12	3.0
<b>Sampo-Rosenlew</b>											
<b>AGRICULTURE</b>											
Various models								01.70- 01.90	114254	12	2.7 GR
								01.69-	111737	12	2.8
									110545	12	3.0
<b>Scania</b>											
<b>TRUCKS EU</b>											
230 11.7	[DC12.13]	09.05-	114028	28	80			09.05-	113891	24	5.5
		09.05-	115493	28	80 A49			09.05-	115509	24	5.5 A49
		09.05-	115498	28	100 A49						
230 8.9	[DC9.13]	09.04-	114028	28	80			09.04-	113891	24	5.5
		09.04- 09.06	115493	28	80 A49			09.04- 09.06	115509	24	5.5 A49
		09.04- 09.06	115498	28	100 A49						
	[DC9.16]	09.04-	114028	28	80			09.04-	113891	24	5.5
		09.04-	115493	28	80 A49			09.04-	115509	24	5.5 A49
		09.04-	115498	28	100 A49						
	[DC9.18]	09.04-	114028	28	80			09.04-	113891	24	5.5
		09.04-	115493	28	80 A49			09.04-	115509	24	5.5 A49
		09.04-	115498	28	100 A49						
230 9.0	[DC9.01]	04.04-	111886	28	65			04.04-	110212	24	6.6
		04.04-	115800	28	100			04.04-	110527	24	4.0
								04.04-	112224	24	6.7
	[DC9.04]	04.04-	111886	28	65			04.04-	110212	24	6.6
		04.04-	115800	28	100			04.04-	110527	24	4.0
								04.04-	112224	24	6.7
230 9.3	[DC9.30]	09.07-	114028	28	80			09.07-	113891	24	5.5
		09.07-	115493	28	80			09.07-	115509	24	5.5 A49
		09.07-	115498	28	100 A49						
	[DC9.35]	09.07-	114028	28	80			09.07-	113891	24	5.5
		09.07-	115493	28	80 A49			09.07-	115509	24	5.5 A49
		09.07-	115498	28	100 A49						
	[DC9.39]	09.07-	114028	28	80			09.07-	113891	24	5.5
		09.07-	115493	28	80 A49			09.07-	115509	24	5.5 A49
		09.07-	115498	28	100 A49						
250 9.3	[DC09.109]	08.12-	111834	28	55			08.12-	113891	24	5.5
		08.12-	112343	28	140			08.12-	115509	24	5.5 A49
		08.12-	115498	28	100						
	[DC09.111]	08.12-	111834	28	55			08.12-	113891	24	5.5
		08.12-	112343	28	140			08.12-	115509	24	5.5 A49
		08.12-	115498	28	100						
260 9.0	[DC9.02]	04.04-	111886	28	65			04.04-	110212	24	6.6
		04.04-	115800	28	100			04.04-	110527	24	4.0
								04.04-	112224	24	6.7
	[DC9.05]	04.04-	111886	28	65			04.04-	110212	24	6.6
		04.04-	115800	28	100			04.04-	110527	24	4.0
								04.04-	112224	24	6.7
270 11.7	[DC12.17]	09.05-	114028	28	80			09.05-	115509	24	5.5 A49
		09.05-	115493	28	80 A49			04.04-	113891	24	5.5
		09.05-	115498	28	100 A49						
270 8.9	[DC9.12]	04.04-	114382	28	100			04.04-	113891	24	5.5
		09.04-	114028	28	80			09.04- 09.06	115509	24	5.5 A49
		09.04- 09.06	115493	28	80 A49						
		09.04- 09.06	115498	28	100 A49						
	[DC9.17]	09.04-	114028	28	80			09.04-	115509	24	5.5 A49
		09.04-	115493	28	80 A49			04.04-	113891	24	5.5
		09.04-	115498	28	100 A49						

## STARTERS & ALTERNATORS



280 9.3	[DC09.113]	07.09-	114028	28 80	07.09-	113891	24 5.5
		07.09-	115493	28 80 A49	07.09-	115509	24 5.5 A49
		07.09-	115498	28 100 A49			
		08.12-	111834	28 55			
		08.12-	112343	28 140			
	[DC9.29]	09.07-	114028	28 80	09.07-	113891	24 5.5
		09.07-	115493	28 80 A49	09.07-	115509	24 5.5 A49
		09.07-	115498	28 100 A49			
		08.12-	111834	28 55			
		08.12-	112343	28 140			
	[DC9.36]	07.09-	114028	28 80	07.09-	113891	24 5.5
		07.09-	115493	28 80 A49	07.09-	115509	24 5.5 A49
07.09-		115498	28 100 A49				
08.12-		111834	28 55				
08.12-		112343	28 140				
[DC9.38]	07.09-	114028	28 80	07.09-	113891	24 5.5	
	07.09-	115493	28 80 A49	07.09-	115509	24 5.5 A49	
	07.09-	115498	28 100 A49				
	08.12-	111834	28 55				
	08.12-	112343	28 140				
300 9.0	[DC9.03]	04.04-	111886	28 65	04.04-	110212	24 6.6
		04.04-	115800	28 100	04.04-	110527	24 4.0
					04.04-	112224	24 6.7
	[DC9.06]	04.04-	111886	28 65	04.04-	110212	24 6.6
		04.04-	115800	28 100	04.04-	110527	24 4.0
					04.04-	112224	24 6.7
310 8.9	[DC9.11]	09.04-	114028	28 80	09.04- 09.06	115509	24 5.5 A49
		09.04- 09.06	115493	28 80 A49	04.04-	113891	24 5.5
		09.04- 09.06	115498	28 100 A49			
	[DC9.17]	09.05-	114028	28 80	09.05-	115509	24 5.5 A49
		09.05-	115493	28 80 A49	04.04-	113891	24 5.5
		09.05-	115498	28 100 A49			
	[DC9.18]	09.04-	114028	28 80	09.04-	115509	24 5.5 A49
		09.04-	115493	28 80 A49	04.04-	113891	24 5.5
		09.04-	115498	28 100 A49			
320 9.3	[DC09.108]	07.09-	111834	28 55	07.09-	113891	24 5.5
		07.09-	112343	28 140	07.09-	115509	24 5.5 A49
		07.09-	114028	28 80			
		07.09-	115493	28 80 A49			
		07.09-	115498	28 100 A49			
	[DC9.22]	07.09-	111834	28 55	07.09-	113891	24 5.5
		07.09-	112343	28 140	07.09-	115509	24 5.5 A49
		07.09-	114028	28 80			
		07.09-	115493	28 80 A49			
		07.09-	115498	28 100 A49			
	[DC9.32]	07.09-	111834	28 55	07.09-	113891	24 5.5
		07.09-	112343	28 140	07.09-	115509	24 5.5 A49
		07.09-	114028	28 80			
		07.09-	115493	28 80 A49			
		07.09-	115498	28 100 A49			
[DC9.37]	07.09-	111834	28 55	07.09-	113891	24 5.5	
	07.09-	112343	28 140	07.09-	115509	24 5.5 A49	
	07.09-	114028	28 80				
	07.09-	115493	28 80 A49				
	07.09-	115498	28 100 A49				
340 10.6	[DC11.08]	03.04-	114028	28 80	03.04-	113891	24 5.5
		03.04- 09.06	115493	28 80 A49	03.04- 09.06	115509	24 5.5 A49
		03.04- 09.06	115498	28 100 A49			
340 11.7	[DC12.10]	08.04-	114028	28 80	08.04-	115509	24 5.5 A49
		08.04-	115493	28 80 A49	04.04-	113891	24 5.5
		08.04-	115498	28 100 A49			
	[DC12.13]	09.05-	114028	28 80	09.05-	113891	24 5.5
		09.05-	115493	28 80 A49	09.05-	115509	24 5.5 A49
		09.05-	115498	28 100 A49			
	[DC12.17]	09.05-	114028	28 80	09.05-	113891	24 5.5
		09.05-	115493	28 80 A49	09.05-	115509	24 5.5 A49
		09.05-	115498	28 100 A49			
	[DC12.26]	08.04-	114028	28 80	08.04-	113891	24 5.5
08.04-		115493	28 80 A49	08.04-	115509	24 5.5 A49	
08.04-		115498	28 100 A49				
360 12.7	[DC13.06]	03.08-	114382	28 100	04.10-	113891	24 5.5
		04.10-	114028	28 80	04.10-	115509	24 5.5 A49
		04.10-	115493	28 80 A49			
		04.10-	115498	28 100 A49			
360 9.3	[DC09.112]	09.13-	111834	28 55	09.13-	113891	24 5.5
		09.13-	112343	28 140	09.13-	115509	24 5.5 A49
		09.13-	115498	28 100			
370 12.7	[DC13.116]	09.13-	114382	28 100			
380 10.6	[DC11.09]	03.04-	114028	28 80	03.04-	113891	24 5.5
		03.04- 09.06	115493	28 80 A49	03.04- 09.06	115509	24 5.5 A49
		03.04- 09.06	115498	28 100 A49			
380 11.7	[DC12.13]	08.04-	114028	28 80	08.04-	115509	24 5.5 A49
		08.04-	115493	28 80 A49	04.04-	113891	24 5.5
		08.04-	115498	28 100 A49			
	[DC12.17]	09.05-	114028	28 80	09.05-	113891	24 5.5
		09.05-	115493	28 80 A49	09.05-	115509	24 5.5 A49
		09.05-	115498	28 100 A49			
	[DC12.18]	09.04-	114028	28 80	09.04-	115509	24 5.5 A49
		09.04-	115493	28 80 A49	04.04-	113891	24 5.5
		09.04-	115498	28 100 A49			
400 12.7	[DC13.05]	03.08-	114028	28 80	03.08-	113891	24 5.5
		03.08-	114382	28 100	03.08-	115509	24 5.5 A49
		03.08-	115493	28 80 A49			
		03.08-	115498	28 100 A49			
	[DC13.06]	08.10-	114382	28 100			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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	[DC13.103]	08.10- 08.10- 08.10-	114028 115493 115498	28 80 28 80 A49 28 100 A49		08.10- 08.10-	113891 115509	24 5.5 24 5.5	A49
	[DC13.113]	01.10- 01.10- 01.10-	114028 115493 115498	28 80 28 80 A49 28 100 A49		01.10- 01.10-	113891 115509	24 5.5 24 5.5	A49
410 12.7	[DC13.115]	09.13-	114382	28 100					
420 11.7	[DC12.06]	04.04- 04.04- 04.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		04.04- 03.04-	115509 113891	24 5.5 24 5.5	A49
	[DC12.14]	03.04- 03.04- 09.06 03.04- 09.06	114028 115493 115498	28 80 28 80 A49 28 100 A49		03.04- 03.04- 09.06	113891 115509	24 5.5 24 5.5	A49
	[DC12.15]	02.04- 02.04- 09.06 02.04- 09.06	114028 115493 115498	28 80 28 80 A49 28 100 A49		03.04- 02.04- 09.06	113891 115509	24 5.5 24 5.5	A49
	[DT12.11]	03.04- 03.04- 03.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		03.04- 03.04-	113891 115509	24 5.5 24 5.5	A49
	[DT12.12]	03.04- 03.04- 03.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		03.04- 03.04-	113891 115509	24 5.5 24 5.5	A49
	[DT12.14]	09.05- 09.05- 09.05-	114028 115493 115498	28 80 28 80 A49 28 100 A49		09.05- 09.05-	113891 115509	24 5.5 24 5.5	A49
440 12.7	[DC13.10]	03.08- 03.08- 03.08-	114028 115493 115498	28 80 28 80 A49 28 100 A49		03.08- 03.08-	113891 115509	24 5.5 24 5.5	A49
	[DC13.109]	01.10- 01.10- 01.10-	114028 115493 115498	28 80 28 80 A49 28 100 A49		01.10- 01.10-	113891 115509	24 5.5 24 5.5	A49
	[DC13.112]	07.09- 07.09- 07.09-	114028 115493 115498	28 80 28 80 A49 28 100 A49		07.09- 07.09-	113891 115509	24 5.5 24 5.5	A49
	[DC13.121]	01.10- 01.10- 01.10-	114028 115493 115498	28 80 28 80 A49 28 100 A49		01.10- 01.10-	113891 115509	24 5.5 24 5.5	A49
450 12.7	[DC13.124]	09.13- 09.13- 09.13-	111834 112343 115498	28 55 28 140 28 100		09.13- 09.13-	113891 115509	24 5.5 24 5.5	A49
470 11.7	[DT12.03]	03.04- 03.04- 03.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		03.04- 03.04-	113891 115509	24 5.5 24 5.5	A49
	[DT12.06]	03.04- 10.05 03.04- 10.05 03.04- 10.05	114028 115493 115498	28 80 28 80 A49 28 100 A49		03.04- 10.05 03.04- 10.05	113891 115509	24 5.5 24 5.5	A49
480 11.7	[DT12.03]	04.04- 04.04- 04.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		04.04- 04.04-	113891 115509	24 5.5 24 5.5	A49
	[DT12.17]	09.04- 09.04- 09.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		09.04- 04.04-	115509 113891	24 5.5 24 5.5	A49
480 12.7	[DC13.07]		114028 115493 115498	28 80 28 80 A49 28 100 A49		03.08- 03.08-	113891 115509	24 5.5 24 5.5	A49
	[DC13.110]		114028 115493 115498	28 80 28 80 A49 28 100 A49		01.10- 01.10-	113891 115509	24 5.5 24 5.5	A49
	[DC13.111]		114028 115493 115498	28 80 28 80 A49 28 100 A49		01.10- 01.10-	113891 115509	24 5.5 24 5.5	A49
490 12.7	[DC13.125]	09.13- 09.13- 09.13-	111834 112343 115498	28 55 28 140 28 100		09.13- 09.13-	113891 115509	24 5.5 24 5.5	A49
500 15.6	[DC16.04]	03.04- 03.04- 09.06 03.04- 09.06	114028 115493 115498	28 80 28 80 A49 28 100 A49		03.04- 03.04- 03.04-	113859 115439 115876	24 6.0 24 7.0 24 7.0	BO MI A49
	[DC16.06]	03.04- 03.04- 09.06 03.04- 09.06	114028 115493 115498	28 80 28 80 A49 28 100 A49		03.04- 03.04- 03.04-	113859 115439 115876	24 6.0 24 7.0 24 7.0	BO MI A49
	[DC16.09]	03.04- 04.04- 04.04- 04.04-	114753 114028 115493 115498	28 100 28 80 28 80 A49 28 100 A49		04.04- 04.04- 03.04-	115439 113859 115876	24 7.0 24 6.0 24 7.0	MI BO A49
	[DC16.19]	04.04- 04.04- 04.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		04.04- 04.04- 04.04-	113859 115439 115876	24 6.0 24 7.0 24 7.0	BO MI A49
500 16.0	[DC16.04]					09.04- 10.05	113859	24 6.0	
	[DC16.09]					05.06-	113859	24 6.0	
560 15.6	[DC16.05]	04.04- 04.04- 04.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		04.04- 04.04- 03.04-	115439 113859 115876	24 7.0 24 6.0 24 7.0	MI BO A49
	[DC16.18]	04.04- 04.04- 04.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		04.04- 04.04- 03.04-	115439 113859 115876	24 7.0 24 6.0 24 7.0	MI BO A49
580 15.6	[DC16.03]	03.04- 03.04- 09.06 03.04- 09.06	114028 115493 115498	28 80 28 80 A49 28 100 A49		03.04- 03.04- 03.04-	113859 115439 115876	24 6.0 24 7.0 24 7.0	BO MI A49
580 16.0	[DC16.03]					09.04- 10.05	113859	24 6.0	
620 15.6	[DC16.08]	09.04- 09.04- 09.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		09.04- 09.04- 03.04-	115439 113859 115876	24 7.0 24 6.0 24 7.0	MI BO A49
	[DC16.17]	09.04- 09.04- 09.04-	114028 115493 115498	28 80 28 80 A49 28 100 A49		09.04- 09.04- 03.04-	115439 113859 115876	24 7.0 24 6.0 24 7.0	MI BO A49

## STARTERS & ALTERNATORS



	[DT16.08]	02.06- 02.06- 02.06-	114028 115493 115498	28 80 28 80 A49 28 100 A49		02.06- 02.06- 03.04-	115439 113859 115876	24 7.0 MI 24 6.0 BO 24 7.0 A49
112 H/280 11.0	[DS11.14]	01.81- 08.89 01.81- 12.86 08.89-	111834 112182 112757	28 55 BO 28 80 28 55 BO		01.81- 12.83 01.84-	110214 112119	24 6.6 24 6.6
112 H/305 11.0	[DS11.15]	01.81- 08.89 01.81- 12.86 08.89-	111834 112182 112757	28 55 BO 28 80 28 55 BO		01.81- 12.93 01.84-	110214 112119	24 6.6 24 6.6
112 M/305 11.0	[DS11.15]	01.81- 08.89 01.81- 12.86 08.89-	111834 112182 112757	28 55 BO 28 80 28 55 BO		01.81- 12.83 01.84-	110214 112119	24 6.6 24 6.6
112 M/316 11.0		01.81- 06.89	111834	28 55		01.81- 06.89	110214	24 6.6
						01.81- 06.89	112119	24 6.6
113 E/320 11.0	[DSC11.16]	11.91- 11.91- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		11.91- 11.91-	112119	24 6.6 24 6.6
	[DSC11.17]	11.91- 11.91-	112076 112757	28 80 28 55 BO		11.91-	112119	24 6.6
	[DSC11.21]	11.91- 11.91-	112076 112757	28 80 28 55 BO		11.91-	112119	24 6.6
113 E/360 11.0	[DSC11.13]	01.90- 01.90- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		01.90-	112119	24 6.6
	[DSC11.18]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
	[DSC11.23]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
	[DSC11.30]	01.90- 01.90- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		01.90-	112119	24 6.6
113 E/380 11.0	[DSC11.22]	01.91-	112757	28 55 BO		01.91-	112119	24 6.6
	[DSC11.70]	01.91-	112757	28 55 BO		01.91-	112119	24 6.6
113 H/310 11.0	[DS11.34]	05.88- 08.89 05.88- 05.88- 12.89 05.88-	111834 112076 112182 112757	28 55 BO 28 80 28 80 28 55 BO		05.88-	112119	24 6.6
	[DS11.73]	05.88- 08.89 05.88- 05.88- 12.89 05.88-	111834 112076 112182 112757	28 55 BO 28 80 28 80 28 55 BO		05.88-	112119	24 6.6
	[DS11.75]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
	[DSC11.08]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
113 H/320 11.0	[DSC11.16]	05.88- 08.89 05.88- 05.88- 12.89 05.88- 01.94-	111834 112076 112182 112757 111886	28 55 BO 28 80 28 80 28 55 BO 28 65		05.88- 01.90-	112119	24 6.6 24 6.6
	[DSC11.17]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
	[DSC11.21]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
113 H/360 11.0	[DSC11.13]	05.88- 08.89 05.88- 05.88- 12.89 05.88- 01.94-	111834 112076 112182 112757 111886	28 55 BO 28 80 28 80 28 55 BO 28 65		05.88- 01.90-	112119	24 6.6 24 6.6
	[DSC11.18]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
	[DSC11.23]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
	[DSC11.30]	01.90- 01.90- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		01.90-	112119	24 6.6
113 H/380 11.0	[DSC11.22]	01.91-	112757	28 55 BO		01.91-	112119	24 6.6
	[DSC11.70]	01.91-	112757	28 55 BO		01.91-	112119	24 6.6
113 M/320 11.0	[DSC11.16]	05.88- 08.89 05.88- 12.89 08.89- 08.89- 01.94-	111834 112182 112076 112757 111886	28 55 BO 28 80 28 80 28 55 BO 28 65		05.88- 01.90-	112119	24 6.6 24 6.6
	[DSC11.17]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
	[DSC11.21]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
113 M/360 11.0	[DSC11.13]	05.88- 08.89 05.88- 12.89 08.89- 08.89- 01.94-	111834 112182 112076 112757 111886	28 55 BO 28 80 28 80 28 55 BO 28 65		05.88- 01.90-	112119	24 6.6 24 6.6
	[DSC11.18]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
	[DSC11.23]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
	[DSC11.30]	01.90- 01.90- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		01.90-	112119	24 6.6
113 M/380 11.0	[DSC11.22]	01.91-	112757	28 55 BO		01.91-	112119	24 6.6
	[DSC11.70]	01.91-	112757	28 55 BO		01.91-	112119	24 6.6
113 M/400 11.0	[DTC11.01]	01.92-	112757	28 55 BO		01.92-	110212	24 6.6
	[DTC11.02]	01.94-	112757	28 55 BO		01.94-	110212	24 6.6
114 C/340 10.6	[DC11.01]		111886	28 65				
	[DC11.03]		111886	28 65			110527	24 4.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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114 C/340 11.0	[DC11.01]	03.96-	111886	28 65	03.98-	110527	24 4.0	
		05.96-	111720	28 90	03.98-	110212	24 6.6	
		05.96-	115800	28 100	03.98-	112224	24 6.7	
	[DC11.03]	02.96-	111886	28 65	03.98-	110527	24 4.0	
		05.96-	111720	28 90	03.98-	110212	24 6.6	
		03.98-	115800	28 100	03.98-	112224	24 6.7	
	[DSC11.79]	05.96- 05.99	111886	28 65	05.96-	110527	24 4.0	
	114 C/380 10.6	[DC11.02]	03.98-	111720	28 90			
			03.98-	115800	28 100			
				111886	28 65			
		[DC11.04]	03.98-	111720	28 90	03.98-	110212	24 6.6
			03.98-	111886	28 65	03.98-	110527	24 4.0
03.98-			115800	28 100	03.98-	112224	24 6.7	
114 G/340 10.6	[DC11.01]		111886	28 65	03.98-	110527	24 4.0	
	[DC11.03]		111886	28 65	03.98-	110527	24 4.0	
114 G/340 11.0	[DC11.01]	05.96-	111720	28 90	03.98-	110212	24 6.6	
		05.96-	111886	28 65	03.98-	110527	24 4.0	
		05.96-	115800	28 100	03.98-	111910	24 6.7	
	[DC11.03]	03.98-	111886	28 65	03.98-	112224	24 6.7	
		03.98-	111886	28 65	03.98-	110212	24 6.6	
		03.98-	115800	28 100	03.98-	110527	24 4.0	
	[DSC11.79]	05.96-	111720	28 90	03.98-	111910	24 6.7	
		05.96-	111886	28 65	03.98-	112224	24 6.7	
		05.96-	115800	28 100	03.98-	110212	24 6.6	
					05.96-	110527	24 4.0	
114 G/380 10.6	[DC11.02]	03.98-	111720	28 90				
		03.98-	115800	28 100				
			111886	28 65				
	[DC11.04]	03.98-	111720	28 90	03.98-	112224	24 6.7	
		03.98-	111886	28 65				
		03.98-	115800	28 100				
114 G/380 11.0	[DC11.02]	03.98-	111886	28 65	03.98-	110212	24 6.6	
		03.98-	115800	28 100	03.98-	110527	24 4.0	
					03.98-	111910	24 6.7	
114 L/340 10.6	[DC11.01]	05.96-	111720	28 90				
		03.98-	115800	28 100				
			111886	28 65				
	[DC11.02]	03.98-	111720	28 90				
		03.98-	111886	28 65				
		03.98-	115800	28 100				
	[DC11.03]	05.96-	111720	28 90				
		03.98-	115800	28 100				
			111886	28 65				
	[DC11.04]	03.98-	111720	28 90				
		03.98-	111886	28 65				
		03.98-	115800	28 100				
114 L/340 11.0	[DC11.01]	03.98-	111886	28 65	03.98-	110527	24 4.0	
		03.98-	115800	28 100	03.98-	111910	24 6.7	
					03.98-	112224	24 6.7	
	[DC11.03]	03.98-	111886	28 65	03.98-	110527	24 4.0	
		03.98-	115800	28 100	03.98-	111910	24 6.7	
					03.98-	112224	24 6.7	
	[DSC11.07]	05.96-	111886	28 65	05.96-	110212	24 6.6	
		05.96-	115800	28 100	05.96-	110527	24 4.0	
	[DSC11.79]	05.96-	111886	28 65	05.96-	110212	24 6.6	
		05.96-	115800	28 100	05.96-	110527	24 4.0	
114 L/380 10.6	[DC11.02]	02.96- 09.04	111886	28 65				
		03.98-	111720	28 90				
		03.98-	115800	28 100				
	[DC11.04]	03.98-	111720	28 90				
		03.98-	111886	28 65				
		03.98-	115800	28 100				
114 L/380 11.0	[DC11.02]	03.98-	111886	28 65	03.98-	110212	24 6.6	
		03.98-	115800	28 100	03.98-	110527	24 4.0	
					03.98-	111910	24 6.7	
	[DC11.04]	03.98-	111886	28 65	03.98-	112224	24 6.7	
		03.98-	111886	28 65	03.98-	110212	24 6.6	
		03.98-	115800	28 100	03.98-	110527	24 4.0	
			03.98-	111910	24 6.7			
			03.98-	112224	24 6.7			
12.35 12.7	[DC13.05]		114382	28 100				
12.37 12.7	[DC13.05]		114382	28 100				
12.92 13.87 15.37 12.7	[DC13.05]		114382	28 100				
124 /G420 11.7	[DC12.01]					110527	24 4.0	
	[DSC12.05]					110527	24 4.0	
124 C/360 11.7	[DSC12.02]	09.96-	111720	28 90	09.96-	111910	24 6.7	
		09.96-	115800	28 100				
			111886	28 65				
124 C/400 11.7	[DSC12.01]	09.96-	111720	28 90	09.96-	111910	24 6.7	
		09.96-	111886	28 65				
		09.96-	115800	28 100				
124 C/420 11.7	[DC12.01]	05.96- 02.02	115800	28 100				
		08.02	111886	28 65	05.96- 02.02	111910	24 6.7	
	[DC12.03]	05.96- 02.02	111886	28 65	05.96- 02.02	111910	24 6.7	
		05.96- 02.02	115800	28 100				
	[DSC12.05]	05.96- 02.02	111886	28 65	05.96- 02.02	111910	24 6.7	
		05.96- 02.02	115800	28 100				
124 C/470 11.7	[DT12.02]		111886	28 65				
124 G/ 420 11.7	[DC12.01]		111886	28 65				
124 G/360 11.7	[DSC12.02]	05.96-	111720	28 90	05.96-	110212	24 6.6	
		05.96-	111886	28 65	05.96-	110527	24 4.0	
		05.96-	115800	28 100	05.96-	111910	24 6.7	
124 G/400 11.7	[DSC12.01]	05.96-	111720	28 90	05.96-	110212	24 6.6	
		05.96-	111886	28 65	05.96-	110527	24 4.0	
		05.96-	115800	28 100	05.96-	111910	24 6.7	

## STARTERS & ALTERNATORS



124 G/420 11.7	[DC12.01]	08.02	111886	28 65			
124 G/470 11.7	[DT12.02]	09.00- 09.04	111886	28 65			
		01.00-	111886	28 65	01.00-	110212	24 6.6
		01.00-	115800	28 100	01.00-	110527	24 4.0
					01.00-	111910	24 6.7
124 L/360 11.7	[DSC12.02]	09.96-	111720	28 90	09.96-	110212	24 6.6
		09.96-	111886	28 65	09.96-	110527	24 4.0
		09.96-	115800	28 100	09.96-	111910	24 6.7
124 L/400 11.7	[DSC12.01]	09.96-	111720	28 90	09.96-	111910	24 6.7
		09.96-	111886	28 65	09.96-	110212	24 6.6
		09.96-	115800	28 100	09.96-	110527	24 4.0
124 L/420 11.7	[DC12.01]	09.97-	111720	28 90	09.97-	110527	24 4.0
		09.97-	111886	28 65	09.97-	111910	24 6.7
		09.97-	115800	28 100	09.97-	110212	24 6.6
	[DC12.03]	09.97-	111720	28 90	09.97-	110527	24 4.0
		09.97-	111886	28 65	09.97-	111910	24 6.7
		09.97-	115800	28 100	09.97-	110212	24 6.6
	[DSC12.05]	09.97-	111720	28 90	09.97-	110212	24 6.6
		09.97-	111886	28 65	09.97-	110527	24 4.0
		09.97-	115800	28 100	09.97-	111910	24 6.7
124 L/440 11.7	[DT12.08]	01.01-	111886	28 65	09.00- 09.04	110212	24 6.6
		01.01-	115800	28 100	09.00- 09.04	111910	24 6.7
					01.01-	110527	24 4.0
124 L/470 11.7	[DT12.02]	01.01-	115800	28 100	01.01-	110212	24 6.6
			111886	28 65	01.01-	110527	24 4.0
					01.01-	111910	24 6.7
143 E/420 14.2	[DSC14.08]	01.91-	112076	28 80	01.91- 12.96	112119	24 6.6
		01.91-	112757	28 55 BO			
		01.94-	111886	28 65	01.91-	110212	24 6.6
143 E/450 14.2	[DSC14.03]	01.90-	112076	28 80			
		01.90-	112757	28 55 BO			
		01.94-	111886	28 65	01.90-	110212	24 6.6
	[DSC14.10]	01.90-	112076	28 80			
		01.90-	112757	28 55 BO			
		01.94-	111886	28 65	01.90-	110212	24 6.6
143 E/500 14.2	[DSC14.09]	01.91-	112076	28 80			
		01.91-	112757	28 55 BO			
		01.94-	111886	28 65	01.91-	110212	24 6.6
	[DSC14.16]	12.94-	111886	28 65	12.94-	110212	24 6.6
		12.94-	112076	28 80			
		12.94-	112757	28 55 BO			
143 H/400 14.2	[DSC14.06]	05.88- 08.89	111834	28 55 BO			
		05.88- 12.89	112182	28 80			
		08.89-	112076	28 80	05.88-	110212	24 6.6
		08.89-	112757	28 55 BO			
143 H/420 14.2	[DSC14.08]	01.91- 12.93	112076	28 80	01.91- 12.93	110212	24 6.6
		01.91- 12.93	112757	28 55 BO			
		01.94-	111886	28 65			
143 H/450 14.2	[DSC14.03]	05.88- 08.89	111834	28 55 BO	05.88-	110212	24 6.6
		05.88- 12.89	112182	28 80			
		08.89-	112076	28 80			
		08.89-	112757	28 55 BO			
		01.94-	111886	28 65			
	[DSC14.06]	05.88- 12.89	111834	28 55	05.88- 12.89	110527	24 4.0
		05.88- 12.89	112182	28 80			
		05.88- 12.89	112757	28 55			
	[DSC14.10]	01.90-	112076	28 80			
		01.90-	112757	28 55 BO			
		01.94-	111886	28 65	01.90-	110212	24 6.6
143 H/470 14.2	[DSC14.04]	03.88- 08.89	111834	28 55 BO			
		03.88- 12.89	112182	28 80			
		08.89-	112076	28 80	03.88-	110212	24 6.6
		08.89-	112757	28 55 BO			
143 H/500 14.2	[DSC14.09]	01.91-	112076	28 80			
		01.91-	112757	28 55 BO			
		01.94-	111886	28 65	01.91-	110212	24 6.6
	[DSC14.16]	12.94-	111886	28 65	12.94-	110212	24 6.6
		12.94-	112076	28 80			
		12.94-	112757	28 55 PR, BO			
143 M/420 14.2	[DSC14.08]	01.91-	112076	28 80			
		01.91-	112757	28 55 BO			
		01.94-	111886	28 65	01.91-	110212	24 6.6
143 M/450 14.2	[DSC14.03]	05.88- 08.89	111834	28 55 BO			
		05.88-	112076	28 80			
		05.88- 12.89	112182	28 80			
		05.88-	112757	28 55 BO			
		01.94-	111886	28 65	05.88-	110212	24 6.6
	[DSC14.10]	01.90-	112076	28 80			
		01.90-	112757	28 55 BO			
		01.94-	111886	28 65	01.90-	110212	24 6.6
143 M/470 14.2	[DSC14.04]	03.88- 08.89	111834	28 55 BO	03.88-	110212	24 6.6
		03.88- 12.89	112182	28 80			
		08.89-	112076	28 80			
		08.89-	112757	28 55 BO			
143 M/500 14.2	[DSC14.09]	01.91-	111886	28 65	01.91-	110212	24 6.6
		01.91-	112076	28 80			
		01.91-	112757	28 55 BO			
	[DSC14.16]	12.94-	111886	28 65	12.94-	110212	24 6.6
		12.94-	112076	28 80			
		12.94-	112757	28 55 BO			
144 C/460 14.2	[DSC14.15]	09.96-	111720	28 90	09.96-	112224	24 6.7
		09.96-	111886	28 65			
		09.96-	115800	28 100			
144 C/530 14.2	[DSC14.13]	09.96-	111720	28 90	09.96-	112224	24 6.7
		09.96-	111886	28 65			
		09.96-	115800	28 100			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

SCANIA Continued

144 G/460 14.2	[DSC14.15]	04.96-	111720	28 90	04.96-	110212	24 6.6
		04.96-	111886	28 65	04.96-	110527	24 4.0
		04.96-	115800	28 100	04.96-	112224	24 6.7
144 G/530 14.2	[DSC14.13]	04.96-	111720	28 90	04.96-	110212	24 6.6
		04.96-	111886	28 65	04.96-	110527	24 4.0
		04.96-	115800	28 100	04.96-	112224	24 6.7
144 L/460 14.2	[DSC14.15]	11.95-	111720	28 90	11.95-	110212	24 6.6
		11.95-	111886	28 65	11.95-	110527	24 4.0
		11.95-	115800	28 100	11.95-	112224	24 6.7
144 L/530 14.2	[DSC14.13]	11.95-	111720	28 90	11.95-	110212	24 6.6
		11.95-	111886	28 65	11.95-	110527	24 4.0
		11.95-	115800	28 100	11.95-	112224	24 6.7
164 C/480 15.6	[DC16.02]	05.00-	114861	28 100	05.00-	111910	24 6.7
164 C/580 15.6	[DC16.01]	05.00-	114861	28 100	05.00-	111910	24 6.7
164 G/480 15.6	[DC16.02]	05.00-	114861	28 100	05.00-	111910	24 6.7
		05.04	111886	28 65			
164 G/580 15.6	[DC16.01]	05.00-	114861	28 100	05.00-	111910	24 6.7
164 L/480 15.6	[DC16.02]	04.00- 09.04	111886	28 65	05.00-	110527	24 4.0
		05.00-	114861	28 100	05.00-	110212	24 6.6
		05.00-	115800	28 100	05.00-	112224	24 6.7
164 L/580 15.6	[DC16.01]	04.00- 05.04	111886	28 65	05.00-	110527	24 4.0
		05.00-	114861	28 100	05.00-	110212	24 6.6
		05.00-	115800	28 100	05.00-	112224	24 6.7
82 H/210 7.8	[DS8.05]	01.81- 08.89	111834	28 55 BO	01.81- 03.88	110527	24 4.0
		01.81- 12.86	112182	28 80			
82 M/190 7.8	[DS8.06]	10.82- 03.88	111834	28 55 BO	10.82- 03.88	110527	24 4.0
		10.82- 03.88	112182	28 80			
82 M/210 7.8	[DS8.05]	01.81- 08.89	111834	28 55 BO	01.81- 03.88	110527	24 4.0
		01.81- 12.86	112182	28 80			
92 H/245 8.5	[DS9.01]	01.87- 03.88	111834	28 55 BO	01.87- 03.88	110527	24 4.0
		01.87- 12.88	112182	28 80			
92 H/275 8.5	[DSC9.01]	01.87- 03.88	111834	28 55 BO	01.87- 03.88	110527	24 4.0
		01.87- 12.88	112182	28 80			
92 M/245 8.5	[DS9.01]	01.85- 03.88	111834	28 55 BO	01.85- 03.88	110527	24 4.0
		01.85- 12.88	112182	28 80			
92 M/275 8.5	[DS9.01]	01.85- 03.88	111834	28 55 BO	01.85- 03.88	110527	24 4.0
		01.85- 12.86	112182	28 80			
	[DSC9.01]	01.85- 03.88	111834	28 55 BO, PR	01.85- 03.88	110527	24 4.0
93 H/220 8.5	[DSC9.10]	12.91-	112076	28 80			
		12.91-	112757	28 55 BO			
		01.94-	111886	28 65	12.91-	110527	24 4.0
93 H/250 8.5	[DS9.05]	03.88- 08.89	111834	28 55 BO			
		03.88- 12.89	112182	28 80			
		08.89-	112076	28 80	03.88-	110527	24 4.0
	[DSC9.07]	08.89-	112757	28 55 BO			
93 H/280 8.5	[DSC9.02]	12.91-	112076	28 80			
		12.91-	112757	28 55 BO			
		01.94-	111886	28 65	12.91-	110527	24 4.0
	[DSC9.08]	12.91-	112076	28 80			
93 M/210 8.5	[DS9.08]	03.88- 08.89	111834	28 55 BO	03.88-	110527	24 4.0
		03.88- 12.91	112182	28 80			
		08.89-	112076	28 80			
	[DSC9.10]	08.89-	112757	28 55 BO			
93 M/220 8.5	[DSC9.10]	12.91-	112076	28 80			
		12.91-	112757	28 55 BO			
		01.94-	111886	28 65	12.91-	110527	24 4.0
	[DSC9.06]	03.88- 08.89	111834	28 55 BO	03.88-	110527	24 4.0
93 M/230 8.5	[DS9.06]	03.88- 12.89	112182	28 80			
		08.89-	112076	28 80			
		08.89-	112757	28 55 BO			
	[DSC9.05]	03.88- 08.89	111834	28 55 BO			
93 M/250 8.5	[DS9.05]	03.88- 12.89	112182	28 80			
		08.89-	112076	28 80	03.88-	110527	24 4.0
		08.89-	112757	28 55 BO			
	[DSC9.07]	01.90-	112076	28 80			
93 M/280 8.5	[DSC9.02]	01.90-	112757	28 55 BO			
		01.94-	111886	28 65	01.90-	110527	24 4.0
	[DSC9.08]	03.88- 08.89	111834	28 55 BO	03.88-	110527	24 4.0
93 M/280 8.5	[DSC9.02]	03.88- 12.89	112182	28 80			
		08.89-	112076	28 80			
		08.89-	112757	28 55 BO			
	[DSC9.08]	01.94-	111886	28 65	03.88-	110527	24 4.0
94 /D260 9.0	[DC9.02]	08.96- 09.04	111886	28 65	08.96- 09.04	110212	24 6.6
		08.96- 09.04	115800	28 100	08.96- 09.04	110527	24 4.0
					08.96- 09.04	112224	24 6.7
	[DSC9.12]	08.96- 09.04	111886	28 65	08.96- 09.04	110212	24 6.6
94 /G260 9.0	[DSC9.12]	08.96- 09.04	115800	28 100	08.96- 09.04	110527	24 4.0
					08.96- 09.04	112224	24 6.7
	[DSC9.12]	12.96-	111720	28 90	12.96-	110212	24 6.6
94 C/260 9.0	[DC9.02]	12.96-	111886	28 65	12.96-	110527	24 4.0
		12.96-	115800	28 100	12.96-	112224	24 6.7
	[DSC9.12]	12.96-	111720	28 90	12.96-	112224	24 6.7
94 C/260 9.0	[DSC9.12]	12.96-	111886	28 65	12.96-	110212	24 6.6
		12.96-	115800	28 100	12.96-	110527	24 4.0

## STARTERS & ALTERNATORS



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94 C/300 9.0	[DC9.03]	08.96- 09.04	111886	28 65	08.96- 09.04	110212	24 6.6
		08.96- 09.04	115800	28 100	08.96- 09.04	110527	24 4.0
94 C/310 9.0	[DSC9.13]	08.96-	111720	28 90	08.96-	110212	24 6.6
		08.96-	111886	28 65	08.96-	110527	24 4.0
		08.96-	115800	28 100	08.96-	112224	24 6.7
	[DSC9.15]	08.96-	111720	28 90	08.96-	110212	24 6.6
		08.96-	111886	28 65	08.96-	110527	24 4.0
		08.96-	115800	28 100	08.96-	112224	24 6.7
94 D/220 9.0	[DSC9.11]	08.96-	111720	28 90	08.96-	110212	24 6.6
		08.96-	115800	28 100	08.96-	112224	24 6.7
94 D/230 9.0	[DC9.01]	04.99- 09.04	111886	28 65	08.99-	110212	24 6.6
		08.99-	115800	28 100	04.99- 09.04	110527	24 4.0
	[DC9.04]	08.99-	111886	28 65	08.99-	110212	24 6.6
		08.99-	115800	28 100	08.99-	110527	24 4.0
94 D/260 9.0	[DC9.02]	08.96-	111720	28 90	08.96- 09.04	110212	24 6.6
		08.96- 09.04	111886	28 65	08.96- 09.04	110527	24 4.0
		08.96- 09.04	115800	28 100	08.96- 09.04	112224	24 6.7
	[DC9.05]	08.96-	111720	28 90	08.96- 10.01	110212	24 6.6
		08.96- 10.01	111886	28 65	08.96- 10.01	110527	24 4.0
		08.96- 10.01	115800	28 100	08.96- 10.01	112224	24 6.7
	[DSC9.12]	08.96-	111720	28 90	08.96- 09.04	110212	24 6.6
		08.96- 09.04	115800	28 100	08.96- 09.04	112224	24 6.7
		09.04	111886	28 65	08.96- 09.04	110527	24 4.0
94 D/300 9.0	[DC9.03]	05.96- 09.04	111886	28 65	05.96- 09.04	110212	24 6.6
		05.96- 09.04	115800	28 100	05.96- 09.04	110527	24 4.0
	[DC9.06]	08.96- 09.04	111886	28 65	08.96- 09.04	110212	24 6.6
		08.96- 09.04	115800	28 100	08.96- 09.04	110527	24 4.0
94 D/310 9.0	[DSC9.13]	12.96-	111720	28 90	12.96-	112224	24 6.7
		12.96-	115800	28 100	12.96-	110527	24 4.0
		08.02	111886	28 65	12.96-	110212	24 6.6
	[DSC9.15]	12.96-	111720	28 90	12.96-	112224	24 6.7
		12.96-	111886	28 65	12.96-	110212	24 6.6
		12.96-	115800	28 100	12.96-	110527	24 4.0
94 G/220 9.0	[DSC9.11]	08.96-	111720	28 90	08.96-	112224	24 6.7
		08.96-	111886	28 65	08.96-	110212	24 6.6
		08.96-	115800	28 100	08.96-	110527	24 4.0
94 G/260 9.0	[DC9.02]	08.96-	111720	28 90	08.96-	110212	24 6.6
		08.96-	111886	28 65	08.96-	110527	24 4.0
		08.96-	115800	28 100	08.96-	112224	24 6.7
	[DC9.05]	08.96-	111720	28 90	08.96-	110212	24 6.6
		08.96-	111886	28 65	08.96-	110527	24 4.0
		08.96-	115800	28 100	08.96-	112224	24 6.7
	[DSC9.12]	08.96-	111720	28 90	08.96-	112224	24 6.7
		08.96-	115800	28 100	08.96-	110527	24 4.0
		08.96-	111886	28 65	08.96-	110212	24 6.6
94 G/310 9.0	[DSC9.13]	08.96-	111720	28 90	08.96-	110212	24 6.6
		08.96-	115800	28 100	08.96-	112224	24 6.7
		08.02	111886	28 65	08.96-	110527	24 4.0
	[DSC9.15]	08.96-	111720	28 90	08.96-	112224	24 6.7
		08.96-	111886	28 65	08.96-	110212	24 6.6
		08.96-	115800	28 100	08.96-	110527	24 4.0
94 L/310 9.0	[DSC9.13]	08.96-	111720	28 90	08.96-	110527	24 4.0
		08.96- 08.02	111886	28 65	08.96-	110212	24 6.6
		08.96-	115800	28 100	08.96-	112224	24 6.7
	[DSC9.15]	08.96-	111720	28 90	08.96-	110527	24 4.0
		08.96-	111886	28 65	08.96-	112224	24 6.7
		08.96-	115800	28 100	08.96-	110212	24 6.6
BK112 11.0	[DN11...]	05.82- 11.99	112182	28 80			
		01.89- 09.90	111834	28 55	05.82-	112119	24 6.6
	[DSC11...]	05.82- 11.90	112182	28 80	05.82-	110214	24 6.6
BR112 11.0	[DS]	09.78- 12.90	112182	28 80	09.79-	110214	24 6.6
CR112 11.0	[DS]	09.78- 12.92	112182	28 80	09.79-	112119	24 6.6
F112 11.0	[DN11...]	10.81- 01.95	112182	28 80	10.81-	112119	24 6.6
	[DS]	10.81- 01.95	112182	28 80	10.81-	110214	24 6.6
G 230 P 230 9.3	[DC9.30]	09.07-	111834	28 55	09.07-	113891	24 5.5
		09.07-	112343	28 140	09.07-	115509	24 5.5 A49
		09.07-	114028	28 80			
		09.07-	115493	28 80 A49			
		09.07-	115498	28 100 A49			
		09.07-	115586*	28 150			
	[DC9.35]	09.07-	111834	28 55	09.07-	113891	24 5.5
		09.07-	112343	28 140	09.07-	115509	24 5.5 A49
		09.07-	114028	28 80			
		09.07-	115493	28 80 A49			
		09.07-	115498	28 100 A49			
		09.07-	115586*	28 150			
	[DC9.39]	09.07-	111834	28 55	09.07-	113891	24 5.5
		09.07-	112343	28 140	09.07-	115509	24 5.5 A49
		09.07-	114028	28 80			
		09.07-	115493	28 80 A49			
09.07-		115498	28 100 A49				
09.07-		115586*	28 150				
G 440 11.7	[DT12.18]	10.07-	114028	28 80	10.07-	113891	24 5.5
		10.07-	115493	28 80 A49	10.07-	115509	24 5.5 A49
		10.07-	115498	28 100 A49			
		10.07-	115586*	28 150			



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Application list

G 440 12.7		01.12-	111834	28 55		01.12-	113891	24 5.5
		01.12-	112343	28 140		01.12-	115509	24 5.5 A49
		01.12-	114028	28 80				
		01.12-	114382	28 100				
		01.12-	115493	28 80 A49				
		01.12-	115498	28 100 A49				
		01.12-	115586*	28 150				
G 440 R 440 11.7	[DT12.18]	01.08-	114028	28 80		01.08-	113891	24 5.5
		01.08-	115493	28 80 A49		01.08-	115509	24 5.5
		01.08-	115498	28 100 A49				
		01.08-	115586*	28 150				
G 460 12.7		05.13-	111834	28 55		05.13-	113891	24 5.5
		05.13-	112343	28 140		05.13-	115509	24 5.5 A49
		05.13-	114028	28 80				
		05.13-	115493	28 80 A49				
		05.13-	115498	28 100 A49				
		05.13-	115800	28 100				
G 470 11.7	[DT12.06]	01.10-	114028	28 80		01.10-	113891	24 5.5
		01.10-	115493	28 80 A49		01.10-	115509	24 5.5 A49
		01.10-	115498	28 100 A49				
		01.10-	115586*	28 150				
G 480 12.7	[DC13.07]	01.12-	111834	28 55		01.12-	113891	24 5.5
		01.12-	112343	28 140		01.12-	115509	24 5.5 A49
		01.12-	114028	28 80				
		01.12-	114382	28 100				
		01.12-	115493	28 80 A49				
		01.12-	115498	28 100 A49				
		01.12-	115586*	28 150				
		01.12-	115800	28 100				
	[DC13.110]	01.12-	111834	28 55		01.12-	113891	24 5.5
		01.12-	112343	28 140		01.12-	115509	24 5.5 A49
		01.12-	114028	28 80				
		01.12-	114382	28 100				
		01.12-	115493	28 80 A49				
		01.12-	115498	28 100 A49				
	01.12-	115586*	28 150					
	01.12-	115800	28 100					
[DC13.111]	01.12-	111834	28 55		01.12-	113891	24 5.5	
	01.12-	112343	28 140		01.12-	115509	24 5.5 A49	
	01.12-	114028	28 80					
	01.12-	114382	28 100					
	01.12-	115493	28 80 A49					
	01.12-	115498	28 100 A49					
	01.12-	115586*	28 150					
	01.12-	115800	28 100					
G 480 15.6	[DC16.02]	01.08-	112343	28 140		01.08-	113891	24 5.5
		01.08-	114028	28 80		01.08-	115509	24 5.5 A49
		01.08-	115493	28 80 A49				
		01.08-	115498	28 100 A49				
		01.08-	115586*	28 150				
		01.08-	115800	28 100				
K 113 11.0	[DS11.34]	11.90- 08.98	112757	28 55		11.90- 08.98	110527	24 4.0
						11.90- 08.98	112119	24 6.6
	[DS11.73]	11.90-	112757	28 55		07.90- 08.98	110527	24 4.0
						07.90- 08.98	112119	24 6.6
K 113 CLB 11.0	[DSC11.08]	11.90- 08.98	112757	28 55		11.90- 08.98	110527	24 4.0
						11.90- 08.98	112119	24 6.6
	[DSC11.22]	07.90- 08.98	112757	28 55		07.90- 12.96	110527	24 4.0
						07.90- 12.96	112119	24 6.6
	[DSC11.81]	01.91- 12.97	112757	28 55		05.82- 08.98	110527	24 4.0
						05.82- 08.98	112119	24 6.6
K 400 IB 12.7	[DC13.113]	01.06-	115586*	28 150				
K 410 IB 12.7	[DC13.107]	01.06-	115586*	28 150				
K 440 IB 12.7	[DC13.112]	01.06-	115586*	28 150				
K 93 CL 8.5	[DSC9.08]	01.91- 12.01	111834	28 55		01.91- 12.01	110527	24 4.0
		01.91- 12.01	112076	28 80		01.91- 12.01	112119	24 6.6
		01.91- 12.96	112182	28 80				
		01.91- 12.01	112757	28 55				
K112 11.0	[DN11..]	05.82- 06.90	112182	28 80				
		01.89- 09.90	111834	28 55		05.83-	112119	24 6.6
	[DS11.15]	04.82- 06.90	112182	28 80		04.82-	112119	24 6.6
	[DSC11..]	06.82- 06.90	112182	28 80		06.82-	110214	24 6.6
K114 10.6	[DC..]	08.97-	112424	28 140		08.97-	110527	24 4.0
		08.97-	114028	28 80		08.97-	111910	24 6.7
		08.97-	115493	28 80 A49				
		08.97-	115498	28 100 A49				
K124 12.0	[DC12..]	08.97-	112424	28 140		08.97-	111910	24 6.7
	[DSC..]	09.97-	112424	28 140		09.97-	111910	24 6.7
K82 7.8	[DSI..]	03.84- 12.95	112182	28 80			110527	24 4.0
L 113 CLB 11.0	[DS11.34]	01.90- 08.98	112757	28 55		01.90- 12.96	110527	24 4.0
						01.90- 12.96	112119	24 6.6
	[DSC11.08]	01.90- 08.98	112757	28 55		01.90- 12.96	110527	24 4.0
						01.90- 12.96	112119	24 6.6
	[DSC11.24]	11.93- 08.98	112757	28 55		11.93- 12.96	110527	24 4.0
						11.93- 12.96	112119	24 6.6
L94 9.0	[DC..]	04.99-	112424	28 140				
P 230 9.3	[DC9.30]	09.07-	111834	28 55		09.07-	113891	24 5.5
		09.07-	112343	28 140		09.07-	115509	24 5.5 A49
		09.07-	114028	28 80				
		09.07-	115493	28 80 A49				
		09.07-	115498	28 100 A49				

## STARTERS & ALTERNATORS



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	[DC9.39]	09.07- 09.07- 09.07- 09.07- 09.07-	111834 112343 114028 115493 115498	28 55 28 140 28 80 28 80 A49 28 100 A49		09.07- 09.07-	113891 115509	24 5.5 24 5.5	A49
P 270 9.3	[DC09.E02]	01.12- 01.12- 01.12- 01.12-	114028 115493 115498 115586*	28 80 28 80 A49 28 100 A49 28 150		01.12- 01.12-	113891 115509	24 5.5 24 5.5	A49
P 310 8.9		07.07- 06.12 07.07- 06.12 07.07- 06.12 07.07- 06.12 07.07- 06.12 07.07- 06.12 07.07- 06.12	111834 112343 114028 115493 115498 115586* 115800	28 55 28 140 28 80 28 80 A49 28 100 A49 28 150 28 100		07.07- 06.12 07.07- 06.12	113891 115509	24 5.5 24 5.5	A49
P 310 9.0	[DC9.11]	01.10- 01.10- 01.10- 01.10- 01.10-	111834 112343 114028 115493 115498 115586*	28 55 28 140 28 80 28 80 A49 28 100 A49 28 150		01.10- 01.10-	113891 115509	24 5.5 24 5.5	A49
P 310 9.3	[OC9.G05]	01.11- 01.11-	111886 115498	28 65 28 100		01.11- 01.11-	113891 115509	24 5.5 24 5.5	A49
P 340 11.0	[DC11.08]	04.04- 04.04- 04.04- 04.04- 04.04-	111834 112343 114028 115493 115498 115586*	28 55 28 140 28 80 28 80 A49 28 100 A49 28 150		04.04- 04.04-	113891 115509	24 5.5 24 5.5	A49
P 340 9.3	[OC09.102]	01.11- 01.11-	111886 115498	28 65 28 100		01.11- 01.11-	113891 115509	24 5.5 24 5.5	A49
P 360 12.7		01.12- 01.12- 01.12- 01.12- 01.12-	111834 112343 115498 115800 115886 115586*	28 55 28 140 28 100 A49 28 100 A49 28 150		01.12- 01.12-	113891 115509	24 5.5 24 5.5	A49
P 380 11.0	[DC11.09]	04.04- 04.04- 04.04- 04.04- 04.04-	111834 112343 114028 115493 115498	28 55 28 140 28 80 28 80 A49 28 100 A49		04.04- 04.04-	113891 115509	24 5.5 24 5.5	A49
P 400 12.7	[DC13.05]	09.07- 09.07- 09.07- 09.07- 09.07- 09.07- 09.07-	112343 114028 114382 115493 115498 115586* 115800	28 140 28 80 28 100 28 80 A49 28 100 A49 28 150 28 100		09.07- 09.07-	113891 115509	24 5.5 24 5.5	A49
	[DC13.113]	09.07- 09.07- 09.07- 09.07- 09.07- 09.07- 09.07-	112343 114028 114382 115493 115498 115586* 115800	28 140 28 80 28 100 28 80 A49 28 100 A49 28 150 28 100		09.07- 09.07-	113891 115509	24 5.5 24 5.5	A49
P 420 11.7	[DC12.06]	01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11	111834 112343 114028 115493 115498 115586* 115800	28 55 28 140 28 80 28 80 A49 28 100 A49 28 150 28 100		01.05- 12.11 01.05- 12.11	113891 115509	24 5.5 24 5.5	A49
	[DC12.14]	01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11	111834 112343 114028 115493 115498 115586* 115800	28 55 28 140 28 80 28 80 A49 28 100 A49 28 150 28 100		01.05- 12.11 01.05- 12.11	113891 115509	24 5.5 24 5.5	A49
	[DC12.15]	01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11	111834 112343 114028 115493 115498 115586* 115800	28 55 28 140 28 80 28 80 A49 28 100 A49 28 150 28 100		01.05- 12.11 01.05- 12.11	113891 115509	24 5.5 24 5.5	A49
	[DC12.22]	01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11	111834 112343 114028 115493 115498 115586* 115800	28 55 28 140 28 80 28 80 A49 28 100 A49 28 150 28 100		01.05- 12.11 01.05- 12.11	113891 115509	24 5.5 24 5.5	A49
	[DT12.11]	01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11 01.05- 12.11	111834 112343 114028 115493 115498 115586* 115800	28 55 28 140 28 80 28 80 A49 28 100 A49 28 150 28 100		01.05- 12.11 01.05- 12.11	113891 115509	24 5.5 24 5.5	A49

**STARTERS & ALTERNATORS**

O.E.M. names and numbers are used for reference purposes only.





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	[DT12.12]	01.05-12.11	111834	28 55	01.05-12.11	113891	24 5.5
		01.05-12.11	112343	28 140	01.05-12.11	115509	24 5.5 A49
		01.05-12.11	114028	28 80			
		01.05-12.11	115493	28 80 A49			
		01.05-12.11	115498	28 100 A49			
		01.05-12.11	115586*	28 150			
		01.05-12.11	115800	28 100			
P 420 G 420 11.7	[DC12.06]	01.08-	111834	28 55	01.08-	113891	24 5.5
		01.08-	112343	28 140	01.08-	115509	24 5.5 A49
		01.08-	114028	28 80			
		01.08-	115493	28 80 A49			
		01.08-	115498	28 100 A49			
		01.08-	115586*	28 150			
P 420 R 420 11.7	[DT12.12]	09.05-	111834	28 55	09.05-	113891	24 5.5
		09.05-	112343	28 140	09.05-	115509	24 5.5 A49
		09.05-	114028	28 80			
		09.05-	115493	28 80 A49			
		09.05-	115498	28 100 A49			
	[DT12.14]	09.05-	111834	28 55	09.05-	113891	24 5.5
		09.05-	112343	28 140	09.05-	115509	24 5.5 A49
		09.05-	114028	28 80			
		09.05-	115493	28 80 A49			
		09.05-	115498	28 100 A49			
R 142 E 14.2	[DS14.06]				05.80-03.88	110212	24 6.6
R 142 H 14.2	[DS14.06]				05.80-03.88	110212	24 6.6
	[DSC14.01]				05.80-03.88	110212	24 6.6
	[DSC14.02]				05.80-03.88	110212	24 6.6
R 142 M 14.2	[DS14.06]				05.80-03.88	110212	24 6.6
R 440 12.7	[DC13.10]	01.12-	111834	28 55	01.12-	113891	24 5.5
		01.12-	112343	28 140	01.12-	115509	24 5.5 A49
		01.12-	114028	28 80			
		01.12-	114382	28 100			
		01.12-	115493	28 80 A49			
		01.12-	115498	28 100 A49			
		01.12-	115586*	28 150			
		01.12-	115800	28 100			
	[DC13.109]	01.12-	111834	28 55	01.12-	113891	24 5.5
		01.12-	112343	28 140	01.12-	115509	24 5.5 A49
		01.12-	114028	28 80			
		01.12-	114382	28 100			
		01.12-	115493	28 80 A49			
		01.12-	115498	28 100 A49			
		01.12-	115586*	28 150			
		01.12-	115800	28 100			
	[DC13.112]	01.12-	111834	28 55	01.12-	113891	24 5.5
		01.12-	112343	28 140	01.12-	115509	24 5.5 A49
		01.12-	114028	28 80			
		01.12-	114382	28 100			
		01.12-	115493	28 80 A49			
		01.12-	115498	28 100 A49			
		01.12-	115586*	28 150			
		01.12-	115800	28 100			
R 450 12.7	[DC13.147]	09.13-	111834	28 55	09.13-	113891	24 5.5
		09.13-	112343	28 140	09.13-	115509	24 5.5 A49
		09.13-	114382	28 100			
		09.13-	115498	28 100			
		09.13-	115586*	28 150			
		09.13-	115800	28 100			
R 470 11.7	[DT12.03]	03.04-	114028	28 80	03.04-	113891	24 5.5
		03.04-	115493	28 80 A49	03.04-	115509	24 5.5 A49
		03.04-	115498	28 100 A49			
		03.04-	115586*	28 150			
	[DT12.06]	03.04-	114028	28 80	03.04-	113891	24 5.5
		03.04-	115493	28 80 A49	03.04-	115509	24 5.5 A49
		03.04-	115498	28 100 A49			
		03.04-	115586*	28 150			
R 480 11.7	[DT12.17]	04.04-	114028	28 80	04.04-	113891	24 5.5
		04.04-	115493	28 80 A49	04.04-	115509	24 5.5 A49
		04.04-	115498	28 100 A49			
		04.04-	115586*	28 150			
R 480 12.7	[DC13.07]	01.12-	111834	28 55	01.12-	113891	24 5.5
		01.12-	112343	28 140	01.12-	115509	24 5.5 A49
		01.12-	114028	28 80			
		01.12-	114382	28 100			
		01.12-	115493	28 80 A49			
		01.12-	115498	28 100 A49			
		01.12-	115586*	28 150			
		01.12-	115800	28 100			
	[DC13.110]	01.12-	111834	28 55	01.12-	113891	24 5.5
		01.12-	112343	28 140	01.12-	115509	24 5.5 A49
		01.12-	114028	28 80			
		01.12-	114382	28 100			
		01.12-	115493	28 80 A49			
		01.12-	115498	28 100 A49			
		01.12-	115586*	28 150			
		01.12-	115800	28 100			
	[DC13.111]	01.12-	111834	28 55	01.12-	113891	24 5.5
		01.12-	112343	28 140	01.12-	115509	24 5.5 A49
		01.12-	114028	28 80			
		01.12-	114382	28 100			
		01.12-	115493	28 80 A49			
		01.12-	115498	28 100 A49			
		01.12-	115586*	28 150			
		01.12-	115800	28 100			

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R 500 15.6	[DC16.04]	01.08-	114028	28 80	01.08-	113859	24	6.0
		01.08-	115493	28 80 A49				
		01.08-	115498	28 100 A49				
		01.08-	115586*	28 150				
R 520 16.4	[DC16.101]	07.13-	114028	28 80	07.13-	113859	24	6.0
		07.13-	114382	28 100				
		07.13-	115493	28 80 A49				
		07.13-	115498	28 100 A49				
R 560 15.6	[DC16.05]	09.04-	114028	28 80	09.04-	113859	24	6.0
		09.04-	115493	28 80 A49				
		09.04-	115498	28 100 A49				
		09.04-	115586*	28 150				
R 580 16.4	[DC16.102]	09.13-	114028	28 80	09.13-	113859	24	6.0
		09.13-	114382	28 100				
		09.13-	115493	28 80 A49				
		09.13-	115498	28 100 A49				
R 620 15.6	[DC16.08]	09.05-	114028	28 80	09.05-	113859	24	6.0
		09.05-	115493	28 80 A49				
		09.05-	115498	28 100 A49				
		09.05-	115586*	28 150				
	[DC16.17]	11.06-	114028	28 80	11.06-	113859	24	6.0
		11.06-	115493	28 80 A49				
11.06-		115498	28 100 A49					
11.06-		115586*	28 150					
R 730 16.4	[DC16.21]	04.10-	114028	28 80	04.10-	113859	24	6.0
		04.10-	115493	28 80 A49				
		04.10-	115498	28 100 A49				
		04.10-	115586*	28 150				
S112 11.0	[DN11..]	10.81- 10.91	112182	28 80				
	[DS]	10.81- 10.91	112182	28 80				
T 113 E/320 11.0	[DSC11.16]	01.90-	112076	28 80				
		01.90-	112757	28 55 BO				
		01.94-	111886	28 65				
	[DSC11.17]	01.90-	112076	28 80	01.90-	112119	24	6.6
		01.90-	112757	28 55 BO				
	[DSC11.21]	01.90-	112076	28 80	01.90-	112119	24	6.6
01.90-	112757	28 55 BO						
T 113 E/360 11.0	[DSC11.13]	01.90-	112076	28 80				
		01.90-	112757	28 55 BO				
		01.94-	111886	28 65				
	[DSC11.18]	01.90-	112076	28 80	01.90-	112119	24	6.6
		01.90-	112757	28 55 BO				
	[DSC11.23]	01.90-	112076	28 80	01.90-	112119	24	6.6
01.90-	112757	28 55 BO						
T 113 H/320 11.0	[DSC11.16]	01.90-	112076	28 80				
		01.90-	112757	28 55 BO				
		01.94-	111886	28 65				
	[DSC11.17]	01.90-	112076	28 80	01.90-	112119	24	6.6
		01.90-	112757	28 55 BO				
	[DSC11.21]	01.90-	112076	28 80	01.90-	112119	24	6.6
01.90-	112757	28 55 BO						
T 113 H/360 11.0	[DSC11.13]	01.90-	112076	28 80				
		01.90-	112757	28 55 BO				
		01.94-	111886	28 65				
	[DSC11.18]	01.90-	112076	28 80	01.90-	112119	24	6.6
		01.90-	112757	28 55 BO				
	[DSC11.23]	01.90-	112076	28 80	01.90-	112119	24	6.6
01.90-	112757	28 55 BO						
T 114 C/340 10.6	[DC11.01]	03.96- 02.02	111886	28 65				
	[DC11.03]	02.96-	111886	28 65	03.96- 02.02	110527	24	4.0
T 114 C/340 11.0	[DSC11.79]	05.96-	111886	28 65	05.96-	110527	24	4.0
T 114 C/380 10.6	[DC11.02]	03.96- 02.02	111886	28 65	03.96- 02.02	110212	24	6.6
T 114 G/320 11.0		03.98-	111886	28 65				
		03.98-	115800	28 100				
T 114 G/340 10.6	[DC11.01]	02.02	111886	28 65	03.96- 02.02	110212	24	6.6
	[DC11.03]	02.96-	111886	28 65	03.96- 02.02	110527	24	4.0
T 114 G/340 11.0	[DSC11.79]	05.96-	111720	28 90				
		05.96-	111886	28 65				
		05.96-	115800	28 100				
T 114 G/380 10.6	[DC11.02]	02.02	111886	28 65	03.96- 02.02	110212	24	6.6
T 114 L/340 10.6	[DC11.01]	02.02	111886	28 65	02.96-	110212	24	6.6
	[DC11.03]	03.96- 02.02	111886	28 65	02.96-	110527	24	4.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

SCANIA Continued

T 114 L/340 11.0	[DSC11.79]	05.96-	111720	28	90			
		05.96-	111886	28	65			
		05.96-	115800	28	100			
T 114 L/380 10.6	[DC11.02]	03.98- 02.02	111886	28	65		03.96- 02.02	110212 24 6.6
							03.96- 02.02	110527 24 4.0
							03.96- 02.02	111910 24 6.7
							03.96- 02.02	112224 24 6.7
T 124 C/360 11.7	[DSC12.02]	09.95- 02.02	111886	28	65		09.95- 02.02	110212 24 6.6
							09.95- 02.02	110527 24 4.0
							09.95- 02.02	111910 24 6.7
T 124 C/400 11.7	[DSC12.01]	03.95- 01.00	111886	28	65		03.95- 01.00	110212 24 6.6
							03.95- 01.00	110527 24 4.0
							03.95- 01.00	111910 24 6.7
T 124 C/420 11.7	[DC12.01]	09.95- 08.02	111886	28	65		09.95- 08.02	110212 24 6.6
							08.02	110527 24 4.0
						09.95- 08.02	111910 24 6.7	
	[DSC12.05]	09.95- 08.02	111886	28	65		09.95- 02.02	110527 24 4.0
							09.95- 02.02	110212 24 6.6
						09.95- 02.02	111910 24 6.7	
T 124 G/360 11.7	[DSC12.02]	03.97-	111720	28	90		03.97-	111910 24 6.7
		03.97-	111886	28	65			
		03.97-	115800	28	100			
T 124 G/400 11.7	[DSC12.01]	03.97-	111720	28	90		03.97-	111910 24 6.7
		03.97-	111886	28	65			
		03.97-	115800	28	100			
T 124 G/420 11.7	[DC12.01]	08.02	111886	28	65		09.95- 08.02	110212 24 6.6
							08.02	110527 24 4.0
						09.95- 08.02	111910 24 6.7	
	[DSC12.05]	09.95- 02.02	111886	28	65		09.95- 02.02	110212 24 6.6
							09.95- 02.02	110527 24 4.0
						09.95- 02.02	111910 24 6.7	
T 124 L/360 11.7	[DSC12.02]	09.95- 02.02	111886	28	65		05.95- 02.02	110527 24 4.0
		02.97-	111720	28	90		05.95- 02.02	110212 24 6.6
		02.97-	115800	28	100		05.95- 02.02	111910 24 6.7
T 124 L/400 11.7	[DSC12.01]	05.96- 01.02	111886	28	65		03.95- 01.02	110527 24 4.0
		02.97-	111720	28	90		03.95- 01.02	110212 24 6.6
		02.97-	115800	28	100		03.95- 01.02	111910 24 6.7
T 124 L/420 11.7	[DC12.01]	05.96- 08.02	111720	28	90		09.95- 08.02	110527 24 4.0
		05.96- 08.02	111886	28	65		09.95- 08.02	110212 24 6.6
		05.96- 08.02	115800	28	100		09.95- 08.02	111910 24 6.7
	[DC12.03]	05.96- 08.02	111720	28	90		05.96- 08.02	111910 24 6.7
		05.96- 08.02	111886	28	65			
			05.96- 08.02	115800	28	100		
	[DSC12.05]	05.96- 02.02	111720	28	90		09.95- 08.02	110527 24 4.0
05.96- 08.02		111886	28	65		09.95- 08.02	110212 24 6.6	
05.96- 02.02		115800	28	100		09.95- 08.02	111910 24 6.7	
T 124 L/470 11.7	[DT12.02]		111886	28	65		09.00-	110212 24 6.6
								110527 24 4.0
							09.00-	111910 24 6.7
T 142 E 14.2	[DS14.06]	05.80- 03.88	111834	28	55		05.80- 03.88	110212 24 6.6
		05.80- 03.88	112182	28	80			
T 143 E/450 14.2	[DSC14.03]	01.90-	112076	28	80			
		01.90-	112757	28	55	BO		
		01.94-	111886	28	65		01.90-	110212 24 6.6
	[DSC14.10]	01.90-	112076	28	80			
		01.90-	112757	28	55	BO		
		01.94-	111886	28	65		01.90-	110212 24 6.6
T 143 E/500 14.2	[DSC14.09]	01.91-	112076	28	80			
		01.91-	112757	28	55	BO		
		01.94-	111886	28	65		01.91-	110212 24 6.6
	[DSC14.16]	12.94-	111886	28	65		12.94-	110212 24 6.6
		12.94-	112076	28	80			
T 143 H/420 14.2	[DSC14.08]	12.94-	112757	28	55	BO		
		01.91-	112076	28	80			
		01.91-	112757	28	55	BO		
		01.94-	111886	28	65		01.91-	110212 24 6.6
T 143 H/450 14.2	[DSC14.03]	01.90-	112076	28	80			
		01.90-	112757	28	55	BO		
		01.94-	111886	28	65		01.90-	110212 24 6.6
	[DSC14.10]	01.90-	112076	28	80			
		01.90-	112757	28	55	BO		
		01.94-	111886	28	65		01.90-	110212 24 6.6
T 143 H/500 14.2	[DSC14.09]	01.91-	112076	28	80			
		01.91-	112757	28	55	BO		
		01.94-	111886	28	65		01.91-	110212 24 6.6
	[DSC14.16]	12.94-	111886	28	65		12.94-	110212 24 6.6
		12.94-	112076	28	80			
		12.94-	112757	28	55	BO		
T 144 C/460 14.2	[DSC14.15]	02.97- 08.01	111886	28	65		02.97- 08.01	110212 24 6.6
							02.97- 08.01	110527 24 4.0
							02.97- 08.01	112224 24 6.7
T 144 C/530 14.2	[DSC14.13]	02.97- 08.01	111886	28	65		02.97- 08.01	110212 24 6.6
							02.97- 08.01	110527 24 4.0
							02.97- 08.01	112224 24 6.7
T 144 G/460 14.2	[DSC14.15]	03.97-	111720	28	90		03.97-	112224 24 6.7
		03.97-	111886	28	65			
		03.97-	115800	28	100			
T 144 G/530 14.2	[DSC14.13]	03.97-	111720	28	90		03.97-	112224 24 6.7
		03.97-	111886	28	65			
		03.97-	115800	28	100			
T 144 L/460 14.2	[DSC14.15]	02.97- 08.01	111886	28	65		02.97- 08.01	110527 24 4.0
		03.97-	111720	28	90		02.97- 08.01	110212 24 6.6
		03.97-	115800	28	100		02.97- 08.01	112224 24 6.7
T 144 L/530 14.2	[DSC14.13]	02.97- 08.01	111886	28	65		02.97- 08.01	110212 24 6.6
		03.97-	111720	28	90		02.97- 08.01	110527 24 4.0
		03.97-	115800	28	100		02.97- 08.01	112224 24 6.7

## STARTERS & ALTERNATORS



T 93 H/250 8.5	[DS9.05]	01.90- 01.90-	112076 112757	28 80 28 55		01.90-	110527	24 4.0	
	[DSC9.07]	12.91- 12.91- 01.94-	112076 112757 111886	28 80 28 55 28 65	BO	12.91-	110527	24 4.0	
T 93 H/280 8.5	[DSC9.02]	12.91- 12.91- 01.94-	112076 112757 111886	28 80 28 55 28 65	BO	12.91-	110527	24 4.0	
	[DSC9.08]	12.91- 12.91- 01.94-	112076 112757 111886	28 80 28 55 28 65	BO	12.91-	110527	24 4.0	
T 94 C/260 9.0	[DSC9.12]	08.96- 10.01	111886	28 65		08.96- 10.01 08.96- 10.01 08.96- 10.01	110212 110527 112224	24 6.6 24 4.0 24 6.7	
T 94 C/310 9.0	[DSC9.13]	08.96- 08.02	111886	28 65		08.96- 08.02 08.96- 08.02 08.96- 08.02	110212 110527 112224	24 6.6 24 4.0 24 6.7	
T 94 G/220 9.0	[DSC9.11]	08.96- 08.02	111886	28 65		08.96- 08.02 08.96- 08.02 08.96- 08.02	110212 110527 112224	24 6.6 24 4.0 24 6.7	
T 94 G/230 9.0	[DC9.01]	04.99-	111886	28 65		04.99- 04.99- 04.99-	110212 110527 112224	24 6.6 24 4.0 24 6.7	
T 94 G/260 9.0	[DSC9.12]	08.96- 10.01	111886	28 65		08.96- 10.01 08.96- 10.01 08.96- 10.01	110212 110527 112224	24 6.6 24 4.0 24 6.7	
T 94 G/310 9.0	[DSC9.13]	08.96- 08.02	111886	28 65		08.96- 08.02 08.96- 08.02 08.96- 08.02	110212 110527 112224	24 6.6 24 4.0 24 6.7	
	[DSC9.15]	08.96- 10.00	111886	28 65		08.96- 10.00 08.96- 10.00 08.96- 10.00	110212 110527 112224	24 6.6 24 4.0 24 6.7	
T 94 L/310 9.0	[DSC9.13]	09.96- 08.02	111886	28 65		09.96- 08.02 09.96- 08.02 09.96- 08.02	110212 110527 112224	24 6.6 24 4.0 24 6.7	
	[DSC9.15]	09.96- 08.02	111886	28 65		09.96- 08.02 09.96- 08.02 09.96- 08.02	110212 110527 112224	24 6.6 24 4.0 24 6.7	
<b>MARINE</b>									
WD615							114327	24 5.5	
<b>Scion</b>									
<b>PASSENGER CARS US</b>									
XA 1.5	[1NZ-FE]					AT 01.04-	114239	12 1.6	
<b>Sea Doo</b>									
<b>MARINE</b>									
Various models						01.98- 01.92- 01.95- 01.95- 01.99	112010 111765 111915 111918	12 12 0.9 12 0.6 12 0.6	
<b>Seat</b>									
<b>PASSENGER CARS EU</b>									
127 0.9		05.72- 09.77 08.80- 09.81	110611 111078	14 55 14 45					
132 1.8		01.75- 05.79	111138	14 45					
Alhambra 1.4 TSi	[CAVA]	06.10-	115528	14 140		06.10-	115964	12 2.0	
	[CNWB]	06.10-	115528	14 140		06.10-	115964	12 2.0	
	[CTHA]	06.10-	115528	14 140		06.10-	115964	12 2.0	
Alhambra 1.8 TFSI	[CDAA]	11.12-	114722	14 140		11.12-	115900	12 1.1	
Alhambra 1.8 Turbo 20V	[AJH]	10.97- 09.98- 02.00 Chas. 10.97- Chas. 10.97- Chas. -X 025001 10.97-	114789 115483 112002 114797 112079	14 90 A49 14 120 A49 14 120 A47 14 120 A46 14 90 A47	AT, Chas. X005001- AT, Chas. -X005000 Chas. X005001- Chas. -X005000	06.98- 06.98- 10.97- 05.98 06.98- 10.97- 05.98	111909 115504 111748 112005 111749	12 1.1 12 1.1 A49 12 1.1 12 1.1 12 1.1	
	[AWC]	06.00- 06.00-	112002 115483	14 120 14 120 A49		06.00-	114174	12 1.1	
Alhambra 1.9 TDI	[1Z]	03.96- 07.96 03.96- 07.96	111477 111988	14 90 14 120		03.96- 07.96 03.96- 07.96	111900 115503	12 1.8 12 1.8 A49	
	[AFN]	08.96- 06.00 08.96- 06.00 08.96- 06.00 08.96- 06.00 05.97- 02.99 05.97- 02.99 03.99- 02.00	112002 112079 114789 114797 111828 111884 115483	14 120 A47 14 90 A47 14 90 A49 14 120 A46 14 120 14 90 14 120 A49		05.97- 01.98 05.97- 01.98 05.97- 02.00 05.97- 07.96- 07.96- 02.00	115503 111900 112286 111694 111900 115503	12 1.8 A49 12 1.8 12 1.7 12 1.8 12 1.8 12 1.8 A49	
	[AHU]	04.96- 04.96-	111477 111988	14 90 14 120		07.96- 07.96- 02.00	111900 115503	12 1.8 12 1.8 A49	
	[ANU]	06.00- 06.00- 06.00- 06.00- 06.00-	112002 112079 114789 114797 115483	14 120 A47 14 90 A47 14 90 A49 14 120 A46 14 120 A49		06.00-	112429	12 2.0	
	[ARL]	05.05- 05.05- 05.05-	112002 113992 115483	14 120 A47 14 140 14 120 A49		05.05-	112429	12 2.0	
	[ASZ]	11.02- 11.02- 11.02- 11.02- 11.02-	112002 112079 114789 114797 115483	14 120 A47 14 90 A47 14 90 A49 14 120 A46 14 120 A49		11.02-	112429	12 2.0	
	[AUY]	06.00- 06.00- 06.00- 06.00- 06.00-	112002 112079 114789 114797 115483	14 120 A47 14 90 A47 14 90 A49 14 120 A46 14 120 A49		06.00-	112429	12 2.0	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





V A !



V kW !

Application list

SEAT Continued

	[AVG]	08.96- 06.00	111828	14 120		08.96- 06.00	111694	12 1.8
		08.96- 06.00	111884	14 90		08.96- 06.00	111900	12 1.8
		08.96- 06.00	112002	14 120 A47		08.96- 06.00	112286	12 1.7
		08.96- 06.00	112079	14 90 A47		08.96- 06.00	115503	12 1.8 A49
		08.96- 06.00	114789	14 90 A49				
		08.96- 06.00	114797	14 120 A46				
		08.96- 06.00	115483	14 120 A49				
	[BTB]	05.05-	112002	14 120 A47		05.05-	112429	12 2.0
		05.05-	113992	14 140				
		05.05-	115483	14 120 A49				
	[BVK]	11.05-	112002	14 120 A47		11.05-	112429	12 2.0
		11.05-	112079	14 90 A47				
		11.05-	113992	14 140				
		11.05-	114789	14 90 A49				
		11.05-	115483	14 120 A49				
Alhambra 1.9 TDi 4 Motion	[AUY]	06.00-	112002	14 120 A47		02.01-	112429	12 2.0
		06.00-	112079	14 90 A47				
		06.00-	114789	14 90 A49				
		06.00-	114797	14 120 A46				
		02.01-	115483	14 120 A49				
	[BVK]	06.00-	112002	14 120 A47		06.00-	112429	12 2.0
		06.00-	112079	14 90 A47				
		06.00-	114789	14 90 A49				
		06.00-	114797	14 120 A46				
		06.00-	115483	14 120 A49				
Alhambra 2.0 i	[ADY]	04.96- 02.00	111479	14 90		04.96-	111749	12 1.1
		AC 04.96- 02.00	111477	14 90		AT 04.96-	111748	12 1.1
	[ATM]	06.00-	115483	14 120 A49		06.00-	115504	12 1.1 A49
		04.96-	112002	14 120 A47		AT 06.00-	111909	12 1.1
		04.96-	114797	14 120 A46		04.96-	114174	12 1.1
Alhambra 2.0 TSi	[CCZA]	11.10-	114722	14 140		11.10-	115900	12 1.1
Alhambra 2.0 TDi	[BRT]	11.05-	112002	14 120 A47		11.05-	112429	12 2.0
		11.05-	113992	14 140				
		11.05-	115483	14 120 A49				
	[CFFA]	06.10- 05.11	114831	14 180		06.10- 05.11	115402	12 1.8
		06.10- 05.11	115433*	14 140				
	[CFFB]	06.10-	115433*	14 140		06.10-	115402	12 1.8
		06.10-	115712	14 180				
	[CFFE]	05.11-	114831	14 180		05.11-	115402	12 1.8
		05.11-	115433*	14 140				
	[CFGB]	06.10-	115433*	14 140		06.10-	115402	12 1.8
		06.10-	115712	14 180				
	[CFGC]	11.12-	115433*	14 140		11.12-	115402	12 1.8
						11.12-	115539	12 2.0
	[CUVC]					05.15-	115402	12 1.8
Alhambra 2.0 TDi 4Drive	[CUVC]					05.15-	115402	12 1.8
Alhambra 2.0 TDi 4x4	[CFFB]	05.11-	114831	14 180		05.11-	115402	12 1.8
		05.11-	115433*	14 140				
Alhambra 2.8 V6	[AUE]	06.00-	112002	14 120 A47		06.00-	112429	12 2.0
		06.00-	113884	14 150				
		06.00-	113885	14 150				
		06.00-	114797	14 120 A46				
		06.00-	115483	14 120 A49				
	[AYL]	06.00-	112002	14 120 A47		06.00-	112429	12 2.0
		06.00-	113884	14 150				
		06.00-	113885	14 150				
		06.00-	114797	14 120 A46				
		06.00-	115483	14 120 A49				
Alhambra 2.8 V6 4 Motion	[AUE]	06.00-	112002	14 120 A47		06.00-	112429	12 2.0
		06.00-	113884	14 150				
		06.00-	113885	14 150				
		06.00-	114797	14 120 A46				
		06.00-	115483	14 120 A49				
	[AYL]	06.00-	112002	14 120 A47		06.00-	112429	12 2.0
		06.00-	113885	14 150				
		06.00-	114797	14 120 A46				
		06.00-	115483	14 120 A49				
		02.01-	113884	14 150				
Altea 1.2 TSi	[CBZB]	04.10-	115765	14 140		04.10-	114175	12 1.1
		04.10-	115767*	14 140		04.10-	115645	12 2.0
Altea 1.4	[BXW]	10.06-	113874	14 110		10.06-	114034	12 1.0
	[CGGB]	10.06-	113874	14 110		10.06-	114034	12 1.0
Altea 1.4 16V	[BXW]	05.06-	113874	14 110		05.06-	114034	12 1.0
	[CGGB]	05.06-	113874	14 110		05.06-	114034	12 1.0
Altea 1.4 TSi	[CAXC]	11.07-	113861	14 110		11.07-	114163	12 1.1
		11.07-	114769	14 110		A25 11.07-	115338	12 2.0
		11.07-	114884	14 140		11.07-	115612	12 1.2
						A44 11.07-	115337	12 2.0
Altea 1.6	[BGU]	03.04-	113992	14 140		03.04-	113773	12 1.1
	[BSE]	03.04-	113992	14 140		03.04-	113773	12 1.1
	[BSF]	03.04-	113992	14 140		03.04-	113773	12 1.1
	[CCSA]	03.04-	113992	14 140		03.04-	113773	12 1.1
		03.04-	115621	14 110				
	[CMXA]	03.04-	113992	14 140		03.04-	113773	12 1.1
		03.04-	115621	14 110				
Altea 1.6 LPG	[CHGA]	09.09-	113992	14 140		AT 09.09-	115611	12 1.1
Altea 1.6 Multifuel	[BSE]	10.06-	113992	14 140		10.06-	114176	12 1.0
		10.06-	115621	14 110		10.06-	115612	12 1.2
	[BSF]	10.06-	113992	14 140		10.06-	113773	12 1.1
		10.06-	115621	14 110		10.06-	114176	12 1.0
						10.06-	115612	12 1.2
	[CCSA]	10.06-	113992	14 140		10.06-	113773	12 1.1
		10.06-	115621	14 110		10.06-	114176	12 1.0
						10.06-	115612	12 1.2

## STARTERS & ALTERNATORS



Altea 1.6 TDi	[CAYB]	11.10-	113992	14 140		11.10-	114299	12 1.7	
		11.10-	115433*	14 140	A25	11.10-	115336	12 2.2	
						11.10-	115634	12 1.8	
	[CAVC]	10.09-	113992	14 140	A25	10.09-	115336	12 2.2	
		10.09-	115433*	14 140		10.09-	115376	12 1.8	
						10.09-	115634	12 1.8	
Altea 1.8 TFSi	[BYT]	01.07-	114722	14 140		01.07-	114163	12 1.1	
	[BZB]	01.07-	114722	14 140		01.07-	115612	12 1.2	
	[CDAA]	01.07-	114722	14 140		01.07-	114163	12 1.1	
						01.07-	115612	12 1.2	
Altea 1.9 TDi	[BJB]	04.04-	113992	14 140		04.04-	113842	12 2.0	
		04.04-	115370	14 110		04.04- 09.05	115508	12 1.7 A49	
	[BKC]	04.04-	113992	14 140		04.04-	113842	12 2.0	
		04.04-	115370	14 110		04.04- 05.06	115508	12 1.7 A49	
	[BLS]	04.04-	113992	14 140		04.04-	113842	12 2.0	
		04.04-	115370	14 110	AT7S	04.04-	115376	12 1.8	
						04.04- 10.05	115508	12 1.7 A49	
		[BXE]	04.04-	113992	14 140		04.04-	113842	12 2.0
		04.04-	115370	14 110		04.04- 02.06	115508	12 1.7 A49	
	[BXF]	08.09-	113992	14 140		08.09-	113842	12 2.0	
		08.09-	115370	14 110		08.09-	115508	12 1.7 A49	
Altea 2.0 FSi	[BLR]	05.04-	113992	14 140		05.04-	113773	12 1.1	
						05.04- 11.05	114163	12 1.1	
	[BLY]	05.04-	113992	14 140		05.04-	113773	12 1.1	
						05.04- 11.05	114163	12 1.1	
	[BVY]	05.04-	113992	14 140		05.04-	113773	12 1.1	
					05.04- 11.05	114163	12 1.1		
	[BVZ]	05.04-	113992	14 140		05.04-	113773	12 1.1	
						05.04- 11.05	114163	12 1.1	
Altea 2.0 TFSi	[BWA]	04.06-	113992	14 140		04.06-	111909	12 1.1	
					AT	04.06-	115333	12 1.0	
					AT	04.06-	113773	12 1.1	
						04.06-	115504	12 1.1 A49	
Altea 2.0 TDi 16V	[AZV]	11.06-	113992	14 140					
		11.06-	115370	14 110					
Altea 2.0 TDi	[AZV]	03.04-	113992	14 140		AT 04.04-	113509	12 2.0	
		03.04-	115370	14 110		03.04-	113841	12 1.7	
	[BKD]	03.04-	113992	14 140		AT, 6 Speed 06.04-	113509	12 2.0	
						03.04-	113841	12 1.7	
						03.04-	115311	12 1.7	
						03.04-	115638	12 1.7	
		[BMM]	11.05-	113992	14 140		11.05-	113841	12 1.7
			11.05-	115370	14 110				
		[BMN]	03.06-	113992	14 140		03.06-	113841	12 1.7
			03.06-	115370	14 110		03.06-	115638	12 1.7
		[CEGA]	03.06-	113992	14 140		03.06-	115638	12 1.7
	[CFHC]	03.04-	113992	14 140		03.04-	115638	12 1.7	
Altea 2.0 TDi 4x4	[BMM]	06.07-	113992	14 140		06.07-	115311	12 1.7	
		06.07-	115370	14 110		06.07-	115638	12 1.7	
Altea XL 1.2 TSi	[CBZB]	04.10-	115765	14 140		04.10-	113773	12 1.1	
		04.10-	115767*	14 140		04.10-	114175	12 1.1	
					A25	04.10-	115337	12 2.0	
						04.10-	115612	12 1.2	
					04.10-	115645	12 2.0		
Altea XL 1.6	[BSE]	10.06-	111989	14 90		10.06-	113773	12 1.1	
		10.06-	113992	14 140					
		10.06-	115482	14 90 A49					
	[BSF]	10.06-	111989	14 90		10.06-	113773	12 1.1	
		10.06-	113992	14 140					
		10.06-	115482	14 90 A49					
	[CCSA]	10.06-	111989	14 90		10.06-	113773	12 1.1	
		10.06-	113992	14 140		10.06-	114176	12 1.0	
		10.06-	115482	14 90 A49					
		10.06-	115621	14 110 A49					
	[CMXA]	10.06-	111989	14 90		10.06-	113773	12 1.1	
		10.06-	113992	14 140					
		10.06-	115482	14 90 A49					
		10.06-	115621	14 110					
Altea XL 1.6 LPG	[CHGA]	09.09-	113992	14 140		09.09-	115611	12 1.1	
Altea XL 1.6 TDi	[CAYB]	11.10-	113992	14 140		11.10-	114299	12 1.7	
		11.10-	115433*	14 140	A25	11.10-	115336	12 2.2	
						11.10-	115634	12 1.8	
Altea XL 1.8 TFSi	[BYT]	01.07-	114722	14 140		01.07-	114163	12 1.1	
	[BZB]	01.07-	114722	14 140		01.07-	114163	12 1.1	
	[CDAA]	01.07-	114722	14 140		01.07-	114163	12 1.1	
Altea XL 1.9 TDi	[BKC]	10.06-	113992	14 140		10.06-	113842	12 2.0	
		10.06-	115370	14 110	AT7S	10.06-	115376	12 1.8	
						10.06-	115508	12 1.7 A49	
						10.06-	115634	12 1.8	
	[BLS]	10.06-	113992	14 140		10.06-	113842	12 2.0	
		10.06-	115370	14 110	AT7S	10.06-	115376	12 1.8	
						10.06-	115508	12 1.7 A49	
						10.06-	115634	12 1.8	
		[BXE]	10.06-	113992	14 140		10.06-	113842	12 2.0
			10.06-	115370	14 110		10.06-	115508	12 1.7 A49
					10.06-	115634	12 1.8		
	[BXF]	08.09-	113992	14 140		08.09-	113842	12 2.0	
		08.09-	115370	14 110		08.09-	115508	12 1.7 A49	
Altea XL 2.0 FSi	[BVY]	10.06-	113992	14 140		10.06-	113773	12 1.1	
						10.06-	114163	12 1.1	
	[BVZ]	10.06-	113992	14 140		10.06-	113773	12 1.1	
					10.06-	114163	12 1.1		
Altea XL 2.0 TFSi 4WD	[BWA]	06.07-	113992	14 140		06.07-	113773	12 1.1	
					AT	06.07-	115333	12 1.0	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

SEAT Continued

Altea XL 2.0 TDi 16V	[BKD]	10.06-	113992	14 140	10.06-	113841	12 1.7	
		10.06-	115370	14 110	10.06-	115311	12 1.7	
	[CFHC]	10.06-	113992	14 140	10.06-	115638	12 1.7	
Altea XL 2.0 TDi 16V 4x4	[CFHC]	10.10-	113992	14 140	10.10-	115638	12 1.7	
Altea XL 2.0 TDi	[BMM]	10.06-	113992	14 140	10.06-	113841	12 1.7	
		10.06-	115370	14 110				
	[BMN]	06.07-	113992	14 140	06.07-	113841	12 1.7	
		06.07-	115370	14 110	A25 06.07-	115402	12 1.8	
		06.07-			06.07-	115638	12 1.7	
	[CEGA]	06.07-	113992	14 140	06.07-	113841	12 1.7	
		06.07-	115370	14 110	A25 06.07-	115402	12 1.8	
		06.07-			06.07-	115638	12 1.7	
Altea XL 2.0 TDi 4WD	[BMN]	06.07-	113992	14 140	06.07-	113841	12 1.7	
		06.07-	115370	14 110				
	[CEGA]	06.07-	113992	14 140	06.07-	115638	12 1.7	
		06.07-	115370	14 110				
	[CFJA]	06.07-	113992	14 140	06.07-	115638	12 1.7	
		06.07-	115370	14 110				
Arosa 1.0	[AER]	02.97- 04.98	111479	14 90	02.97- 06.04	113750	12 0.9	BO
		05.97- 04.98	111352	14 70	05.97- 06.04	114758	12 0.9	MA
		PS 02.97- 04.98	111353	14 70				
		PS 05.97- 04.98	111477	14 90				
		ACPS 05.97-	112274	14 90				
	[AHT]	02.97-	111352	14 70	05.97- 06.04	113750	12 0.9	BO
		10.97- 02.00	112274	14 90	01.98- 06.04	114758	12 0.9	MA
		10.97- 02.00	112419	14 70				
		10.99-	112273	14 70				
	[ALD]	PS 01.99- 07.00	112273	14 70	01.99- 07.00	113750	12 0.9	BO
		AC 01.99- 07.00	112274	14 90	05.97-	114758	12 0.9	MA
	[ALL]	10.97- 05.99	111352	14 70	10.97- 05.99	113750	12 0.9	BO
10.97- 05.99		112274	14 90	05.97-	114758	12 0.9	MA	
PS 10.97- 05.99		111353	14 70					
PS 10.97- 05.99		111477	14 90					
[ANW]	PS 01.99- 07.00	112273	14 70	01.99- 07.00	113750	12 0.9	BO	
	AC 01.99- 07.00	112274	14 90	05.97-	114758	12 0.9	MA	
[AUC]	PS 05.00-	112273	14 70	05.00- 06.04	113750	12 0.9	BO	
	AC 05.00-	112274	14 90	05.97-	114758	12 0.9	MA	
Arosa 1.4	[AEX]	02.97- 11.97	111479	14 90	05.97- 06.04	114758	12 0.9	MA
		05.97- 11.97	111352	14 70	05.97- 11.97	111823	12 1.1	
		PS 02.97- 11.97	111353	14 70	05.97- 11.97	112307	12 1.1	
		PS 05.97- 11.97	111477	14 90	05.97- 06.04	113750	12 0.9	BO
	[AKK]	01.99- 10.00	112274	14 90	01.99- 10.00	112307	12 1.1	
					01.99- 06.04	113750	12 0.9	BO
					05.97- 06.04	114758	12 0.9	MA
		PS 01.99- 10.00	112273	14 70	01.99- 10.00	111823	12 1.1	
	[AKV]	05.97- 09.99	111352	14 70	05.97- 09.99	111823	12 1.1	
		05.97- 09.99	111479	14 90	05.97- 06.04	114758	12 0.9	MA
		PS 05.97- 09.99	111353	14 70	05.97- 09.99	112307	12 1.1	
		PS 05.97- 09.99	111477	14 90	05.97- 09.99	113750	12 0.9	BO
[ANW]	01.99- 10.00	112274	14 90	01.99- 10.00	112307	12 1.1		
				01.99- 10.00	113750	12 0.9	BO	
				05.97- 06.04	114758	12 0.9	MA	
	PS 01.99- 10.00	112273	14 70	01.99- 10.00	111823	12 1.1		
[APO]	12.97- 08.98	111352	14 70	12.97- 08.98	111823	12 1.1		
	12.97- 08.98	111479	14 90	05.97- 06.04	114758	12 0.9	MA	
	PS 12.97- 08.98	111353	14 70	12.97-	112307	12 1.1		
	PS 12.97- 08.98	111477	14 90	05.97- 06.04	113750	12 0.9	BO	
[AUD]	01.99-	112274	14 90	01.00-	112307	12 1.1		
				01.99- 06.04	113750	12 0.9	BO	
				05.97- 06.04	114758	12 0.9	MA	
	PS 01.99-	112273	14 70	01.99-	111823	12 1.1		
Arosa 1.4 16V	[AFK]	01.00-	112273	14 70	01.99- 09.00	112307	12 1.1	
	[ANW]	01.00-	112273	14 70	01.00-	112307	12 1.1	
	[AQO]	05.99- 09.00	112274	14 90	05.99- 09.00	112307	12 1.1	
	[AUB]	09.00-	112274	14 90	09.00-	112307	12 1.1	
Arosa 1.4 TDi	[AMF]	01.00-	113275	14 120	01.00-	111900	12 1.8	
					01.98- 06.04	115503	12 1.8	A49
Arosa 1.7 SDi	[AKU]				08.97-	111904	12 1.8	
Ateca 2.0 TDi	[DFFA]	06.16-	115826	14 140	06.16-	116097*	12 2.0	
Ateca 2.0 TDi 4x4	[DFFA]	06.16-	115826	14 140	06.16-	116097*	12 2.0	
	[DFHA]	06.16-	115826	14 140	06.16-	116097*	12 2.0	
Cordoba 1.0	[ALD]	PS 06.99- 10.02	112273	14 70	06.99- 10.02	112307	12 1.1	
		PS 06.99- 10.02	112274	14 90				
	[ANW]	PS 06.99- 10.02	112273	14 70				
		PS 06.99- 10.02	112274	14 90				
[AUC]	PS 06.99- 10.02	112273	14 70					
	PS 06.99- 10.02	112274	14 90					
Cordoba 1.0 16V	[AST]	PS 05.00- 10.02	112273	14 70	05.00- 10.02	112307	12 1.1	
	[AVZ]	PS 05.00- 10.02	112273	14 70				
Cordoba 1.0 i	[AER]	09.96-	111352	14 70	09.96-	112307	12 1.1	
		09.96-	111353	14 70				
		09.96-	111477	14 90				
		PS 09.96-	111353	14 70				
		PS 09.96-	111477	14 90				
Cordoba 1.2	[AZQ]	Chas. 6L-3-097170- 10.02-	113253	14 90	10.02-	113515	12 0.9	
		Chas. -6L-3-097169 10.02-	113253	14 90				
		Chas. -6L3097169 10.02-	113253	14 90				
Cordoba 1.4	[AKK]	06.99- 12.02	112273	14 70	05.99- 12.02	112307	12 1.1	
		06.99- 12.02	112274	14 90				
	[ANW]	05.99- 08.00	112273	14 70	05.99- 10.02	112307	12 1.1	
		05.99- 08.00	112274	14 90				
[AUD]				06.99- 12.02	112307	12 1.1		
Cordoba 1.4 16V	[APE]	06.99- 06.00	112273	14 70	06.99- 06.00	112307	12 1.1	
		06.99- 06.00	112274	14 90	06.99-	113750	12 0.9	
					06.99-	114758	12 0.9	



	[AQO]	02.00- 10.02	112273	14 70		02.00- 10.02	112307	12 1.1
	[AUA]	06.99- 06.99-	112273 112274	14 70 14 90		06.99- 06.99-	112307 113750 114758	12 1.1 12 0.9 12 0.9
	[AUB]	02.00- 10.02 10.02-	112273 112274	14 70 14 90		02.00- 10.02 10.02-	112307 113515	12 1.1 12 0.9
	[BBY]					10.02-	113515	12 0.9
	[BBZ]	AC 10.02-	112274	14 90		AT 10.02-	11823	12 1.1
	[BKY]	10.02- 09.02-	112274 112274	14 90 14 90		10.02- 09.02- 09.02-	113515 11823 113515	12 0.9 12 1.1 12 0.9
Cordoba 1.4 i 16V	[AFH]	09.96- 06.99 AC 09.96- 06.99	111353 111477	14 70 14 90		09.96- 06.99	112307	12 1.1
Cordoba 1.4 i	[ABD]	09.93- 12.95 PS 09.93- 12.95	111352 111353	14 70 14 70		09.93- 12.95	112307	12 1.1
	[AEX]	12.95- 12.97 12.95- 12.97 PS 12.95- 12.97 PS 12.95- 12.97	111352 111479 111353 111477	14 70 14 90 14 70 14 90		12.95- 12.97	112307	12 1.1
	[AKV]	09.97- 09.97- PS 09.97- PS 09.97-	111352 111479 111353 111477	14 70 14 90 14 70 14 90		09.97-	112307	12 1.1
	[ANX]	01.98- 05.98 01.98- 05.98 01.98- 05.98 01.98- PS 01.98- PS 01.98-	111352 111353 111477 111479 111353 111477	14 70 14 70 14 90 14 90 14 70 14 90		01.96- 05.98	112307	12 1.1
	[APQ]	12.97- 12.02 12.97- 12.02 12.97- 12.02 12.97- PS 12.97- PS 12.97-	111352 111353 111477 111479 111353 111477	14 70 14 70 14 90 14 90 14 70 14 90		12.97- 05.98	112307	12 1.1
Cordoba 1.4 TDi	[AMF]	10.02-	113275	14 120		10.02- 10.02- 10.02- 12.04 12.04-	111900 113842 115503 115508	12 1.8 12 2.0 12 1.8 A49 12 1.7 A49
	[BMS]	06.05- 06.05-	112079 113275	14 90 A47 14 120		06.05- 06.05-	113842 115508	12 2.0 12 1.7 A49
	[BNM]	05.05-	113275	14 120		05.05-	114062	12 1.7
	[BNV]					06.05- 06.05-	113842 115508	12 2.0 12 1.7 A49
Cordoba 1.6	[AEH]	05.99- 12.02 05.99- 12.02 06.99- 10.02	112075 115482 111989	14 70 14 90 A49 14 90		05.99- 12.02 06.99- 10.02	115504 111909	12 1.1 A49 12 1.1
	[AKL]	06.99- 10.02 06.99- 08.02 06.99- 12.02	111989 112075 115482	14 90 14 70 14 90 A49		06.99- 10.02 06.99- 12.02	111909 115504	12 1.1 12 1.1 A49
	[ALM]	06.99- 10.02 06.99- 10.02 06.99-	111353 111477 112273	14 70 14 90 14 70		06.99-	112307	12 1.1
	[APF]	06.99- 06.99- 10.02 09.99- 10.00	111989 112075 115482	14 90 14 70 14 90 A49		06.99- 09.99- 10.00	111909 115504	12 1.1 12 1.1 A49
	[AUR]	06.99- 10.02 06.99- 12.02	111989 115482	14 90 14 90 A49		06.99- 10.02 06.99- 12.02	111909 115504	12 1.1 12 1.1 A49
	[BAH]	AC 02.03-	112274	14 90		02.03- 02.03-	113515 112435	12 0.9 12 1.1
Cordoba 1.6 16V	[BTS]	11.06-	114769	14 110				
Cordoba 1.6 i	[1F]	05.94- 12.02 09.96- AC 05.94- 12.02	111352 111479 111477	14 70 14 90 14 90		05.94- 12.02 05.97- 12.02 09.96- 12.02	111748 115504 111909	12 1.1 12 1.1 A49 12 1.1
	[ABU]	09.93- 07.94 09.93- 07.94	111353 111477	14 70 14 90		09.93- 07.94 09.93- 07.94	111748 112307	12 1.1 12 1.1
	[AEE]	03.97- AC 03.97-	111353 111477	14 70 14 90		03.97-	112307	12 1.1
	[AFT]	12.95- 04.97- 06.99 PS 12.95- 11.02 AC 12.95-	111479 111352 111353 111477	14 90 14 70 14 70 14 90		07.96-	111748	12 1.1
	[ALM]	09.97- 09.97- 03.99- 12.02 06.99- AC 09.97-	111353 111477 112274 112273 111477	14 70 14 90 14 90 14 70 14 90		09.97-	112307	12 1.1
Cordoba 1.8 i 16V	[ADL]	09.93- 09.93- 08.96	111353 111477	14 70 14 90		10.93- 08.96 09.93- 06.96	111748 112236	12 1.1 12 1.8
Cordoba 1.8 i	[ABS]	02.93- 02.93- AC 02.93-	111352 111479 111477	14 70 14 90 14 90		02.93- 02.93- 06.99 02.93- 06.99	111748 112236 111909	12 1.1 12 1.8 12 1.1
	[ACC]	02.93- 06.99 02.93- 06.99 02.93- 06.99	111352 111477 111479	14 70 14 90 14 90		02.93- 06.99 02.93- 06.99 02.93- 06.99	111748 111909 112236 115504	12 1.1 12 1.1 12 1.8 12 1.1 A49
	[ADZ]	02.93- 02.93- AC 02.93-	111352 111479 111477	14 70 14 90 14 90		07.94- 09.96 07.94- 11.95- 12.02 10.96-	111748 112236 115504 111909	12 1.1 12 1.8 12 1.1 A49 12 1.1
Cordoba 1.8 Turbo 20V Cupra	[AOX]	05.99- 10.00 05.99- 10.00 06.99-	112075 115482 111989	14 70 14 90 A49 14 90		05.99- 10.00	112005	12 1.1
	[AYP]	07.00- 10.02 07.00- 10.02 07.00- 10.02	111989 112075 115482	14 90 14 70 14 90 A49		07.00- 10.02	112005	12 1.1

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





SEAT Continued

Cordoba 1.9 Diesel	[1Y]	02.93- 08.96	111352	14 70	Chas. ZR775808-	02.93- 08.96	112286	12	1.7				
		02.93- 08.96	111477	14 90									
Cordoba 1.9 SDi	[AEF]	08.96- 06.99	111353	14 70	Chas. 6K-ZR775808-	08.96-	112286	12	1.7				
		08.96- 06.99	111828	14 120									
		Chas. -6KX026679	08.96- 05.98	111884						14 90			
		AC	08.96- 06.99	111477						14 90			
	[AEY]	08.96- 12.02	111353	14 70	08.96-	112286	12	1.7					
		08.96-	111477	14 90									
		08.96- 03.99	111828	14 120									
		08.96- 05.99	111884	14 90									
		09.96-	111352	14 70									
		09.96- 06.99	112002	14 120 A47									
		09.96- 06.99	112079	14 90 A47									
		09.96- 06.99	114789	14 90 A49									
		09.96- 06.99	114797	14 120 A46									
		03.99- 06.99	113340	14 70									
		03.99- 06.99	115483	14 120 A49									
		AC	08.96-	111477					14 90				
	[AGP]	06.99- 10.02	112002	14 120	05.99- 10.02	112286	12	1.7					
		06.99- 10.02	112079	14 90									
		06.99- 10.02	113340	14 70									
		06.99- 10.02	114789	14 90 A49									
06.99- 08.02		115483	14 120 A49										
[AQM]	06.99-	112002	14 120 A47	06.99- 10.02	112286	12	1.7						
	06.99-	112079	14 90 A47										
	06.99-	113340	14 70										
	06.99- 10.02	114789	14 90 A49										
	06.99- 10.02	114797	14 120 A46										
	06.99- 09.00	115483	14 120 A49										
[ASY]	09.02-	112002	14 120 A47	Chas. -6L-5-090178	09.02- 12.04	112438	12	2.0					
	09.02-	112079	14 90 A47										
	09.02-	113340	14 70	Chas. 6L-5-090179-	09.02-	114062	12	1.7					
	09.02-	114789	14 90 A49										
	09.02-	114797	14 120 A46										
	09.02-	115483	14 120 A49										
Cordoba 1.9 TD	[AAZ]	02.93- 08.96	111352	14 70	02.93- 08.96	112286	12	1.7					
		02.93- 08.96	111479	14 90									
		02.93- 08.96	111828	14 120									
		09.93-	111477	14 90									
		AC	02.93- 08.96	111477					14 90				
Cordoba 1.9 TDi	[1Z]	08.96- 12.96	111828	14 120	08.96- 12.96	111900	12	1.8					
		08.96- 12.96	111884	14 90									
		08.96- 12.96	111988	14 120									
	[AFN]	03.97-	111353	14 70	03.97-	111900	12	1.8					
		03.97-	111477	14 90									
		03.97-	111828	14 120									
		03.97- 05.98	111884	14 90									
		03.97-	111988	14 120									
		07.97- 06.99	112079	14 90 A47									
		07.97- 06.99	114789	14 90 A49									
		03.99- 06.99	115483	14 120 A49									
		AC	07.97- 06.99	112002					14 120 A47				
		AC	07.97- 06.99	114797					14 120 A46				
		AC	02.98- 03.99	111828					14 120				
		AC	03.99- 06.99	113340					14 70				
		[AGR]	06.99- 10.02	112002					14 120 A47	06.99-	111900	12	1.8
			06.99-	112079					14 90 A47				
	06.99-		113340	14 70									
	06.99- 10.02		114789	14 90 A49									
	06.99-		114797	14 120 A46									
	06.99- 12.02		115483	14 120 A49									
	[AHU]	08.96- 12.02	111828	14 120	08.96- 12.02	111900	12	1.8					
		08.96- 05.98	111884	14 90									
		08.96- 12.02	111988	14 120									
		08.96-	112079	14 90 A47									
		08.96- 10.02	114789	14 90 A49									
		08.96- 10.02	114797	14 120 A46									
		03.99- 05.01	115483	14 120 A49									
		06.99-	113340	14 70									
	[ALH]	06.99- 10.02	112002	14 120 A47	06.99- 10.02	111900	12	1.8					
		06.99- 10.02	112079	14 90 A47									
		06.99- 10.02	113340	14 70									
		06.99- 10.02	114789	14 90 A49									
		06.99- 10.02	114797	14 120 A46									
		06.99- 10.02	115483	14 120 A49									
		06.99-	112002	14 120 A47									
	[ASK]	06.99- 10.02	112079	14 90 A47	06.99- 10.02	111900	12	1.8					
06.99- 10.02		113340	14 70										
06.99- 10.02		114789	14 90 A49										
06.99- 10.02		114797	14 120 A46										
06.99- 10.02		115483	14 120 A49										
06.99-		112002	14 120 A47										
[ASV]	05.99- 10.02	113340	14 70	06.99-	111900	12	1.8						
	06.99- 10.02	112002	14 120										
	06.99- 10.02	112079	14 90 A47										
	06.99- 10.02	114789	14 90 A49										
	06.99- 10.02	115483	14 120 A49										
[ASZ]	02.02-	113340	14 70	02.02-	112429	12	2.0						
	02.02-	115483	14 120 A49										
	10.02-	112002	14 120 A47										
	10.02-	112079	14 90 A47										
	10.02-	114789	14 90 A49										
	10.02-	114797	14 120 A46										



	[ATD]	09.02-	112002	14 120 A47	10.02-	111900	12 1.8
		09.02-	112079	14 90 A47	09.02-	113842	12 2.0
		09.02-	113340	14 70	10.02- 12.04	115503	12 1.8 A49
		09.02-	114789	14 90 A49	12.04-	115508	12 1.7 A49
		09.02-	114797	14 120 A46			
		09.02-	115483	14 120 A49			
	[AXR]	09.02-	112002	14 120 A47	09.02-	113842	12 2.0
		09.02-	112079	14 90	09.02-	115508	12 1.7 A49
		09.02-	113340	14 70			
		09.02-	114789	14 90 A49			
		09.02-	115483	14 120 A49			
	[BLT]	05.05-	112002	14 120 A47	05.05-	112429	12 2.0
		05.05-	112079	14 90 A47			
		05.05-	113340	14 70			
		05.05-	114789	14 90 A49			
		05.05-	115483	14 120 A49			
	[BMT]	09.02-	112002	14 120 A47	09.02-	113842	12 2.0
		09.02-	112079	14 90 A47	09.02-	115508	12 1.7 A49
		09.02-	113340	14 70			
		09.02-	114789	14 90 A49			
		09.02-	115483	14 120 A49			
Cordoba 2.0	[AZL]	09.02-	111989	14 90	09.02- 10.04	112005	12 1.1
		09.02-	112075	14 70			
		09.02- 04.05	115482	14 90 A49			
	[BBX]	04.03-	111989	14 90	04.03-	112005	12 1.1
		04.03-	115482	14 90 A49			
Cordoba 2.0 i 16V	[ABF]	08.96- 12.02	111353	14 70	08.96- 12.99	111749	12 1.1
		08.96- 12.02	111479	14 90			
		AC 08.96- 12.02	111477	14 90			
Cordoba 2.0 i	[2E]	02.93- 04.96	111352	14 70	02.93- 04.96	111748	12 1.1
		02.93- 04.96	111479	14 90			
		AC 02.93- 04.96	111477	14 90			
	[AGG]	04.96-	111352	14 70	04.96- 09.96	111748	12 1.1
		04.96-	111479	14 90	10.96- 12.02	115504	12 1.1 A49
		AC 04.96-	111477	14 90	10.96-	111909	12 1.1
Exeo 1.6	[ALZ]				03.09-	114179	12 1.2
Exeo 1.6 ST	[ALZ]				06.09-	114179	12 1.2
Exeo 1.8	[CFMA]				03.09-	114179	12 1.2
Exeo 1.8 ST	[CFMA]				06.09-	114179	12 1.2
Exeo 2.0 TFSi	[BWE]	03.09-	114722	14 140	03.09-	115947	12 1.1
Exeo 2.0 TFSi ST	[BWE]	06.09-	114722	14 140	06.09-	115947	12 1.1
Exeo 2.0 TDi	[CAGA]	12.08-	115730	14 140	12.08-	114096	12 2.0
					12.08-	114177	12 2.0
	[CAGC]	08.09-	113992	14 140	08.09-	114096	12 2.0
		08.09-	114109	14 180	08.09-	114177	12 2.0
		08.09-	115730	14 140			
	[CAHA]	02.09-	115730	14 140	02.09-	114096	12 2.0
					02.09-	114177	12 2.0
	[CGLB]	01.08-	114109	14 180	02.09-	114096	12 2.0
		02.09-	113992	14 140			
		02.09-	115730	14 140			
	[CJCA]	12.08-	113992	14 140	12.08-	114096	12 2.0
		12.08-	115730	14 140	12.08-	114177	12 2.0
	03.09-	114109	14 180				
[CJCC]	08.09-	113992	14 140	08.09-	114096	12 2.0	
	08.09-	114109	14 180	08.09-	114177	12 2.0	
	08.09-	115730	14 140				
Exeo 2.0 TDi ST	[CAGA]	05.09-	115730	14 140	05.09-	114096	12 2.0
					05.09-	114177	12 2.0
	[CAGC]	07.09-	115730	14 140	07.09-	114096	12 2.0
					07.09-	114177	12 2.0
	[CAHA]	05.09-	115730	14 140	05.09-	114096	12 2.0
					05.09-	114177	12 2.0
	[CGLB]	05.09-	113992	14 140	05.09-	114096	12 2.0
		05.09-	115730	14 140			
		06.09-	114109	14 180			
	[CJCA]	05.09-	113992	14 140	05.09-	114096	12 2.0
	05.09-	115730	14 140	05.09-	114177	12 2.0	
	06.09-	114109	14 180				
[CJCC]	06.09-	114109	14 180	07.09-	114177	12 2.0	
	07.09-	113992	14 140	07.09-	114096	12 2.0	
	07.09-	115730	14 140				
Fura 0.9	[09NCA]				03.84- 12.86	110365	12 0.8
	[100GL.7000]	03.84- 12.86	111078	14 45	03.84- 12.86	110365	12 0.8
	[HB90]	09.81- 06.86	111078	14 45	01.82- 06.86	110365	12 0.8
Ibiza 0.9	[09NCA]	08.90- 05.93	111078	14 45	08.90- 05.93	110365	12 0.8
	[146A.000]	06.84- 05.93	111078	14 45	06.84- 05.93	110365	12 0.8
Ibiza 1.0	[ALD]	PS 05.99-	112273	14 70	05.99-	112307	12 1.1
		PS 05.99-	112274	14 90			
	[ANV]	PS 05.99- 07.00	112273	14 70	05.99- 07.00	112307	12 1.1
		PS 05.99- 07.00	112274	14 90			
	[AUC]	PS 07.00- 05.02	112273	14 70	07.00- 05.02	112307	12 1.1
		PS 07.00- 05.02	112274	14 90			
	[CHYB]				05.15-	115560	12 1.7
[AAU]	03.93- 09.96	111288	14 65	03.93- 09.96	111058	12 0.8	
	03.93- 09.96	112763	14 55				
Ibiza 1.0 Sportcoupe	[CHYB]				05.15-	115560	12 1.7
Ibiza 1.0 16V	[AST]	PS 05.00- 02.02	112273	14 70	05.00- 02.02	112307	12 1.1
		PS 05.00- 02.02	112274	14 90			
	[AVZ]	PS 05.00- 02.02	112273	14 70	05.00- 02.02	112307	12 1.1
		PS 05.00- 02.02	112274	14 90			
Ibiza 1.0 i	[AER]	09.96- 10.99	111352	14 70	09.96- 08.99	112307	12 1.1
		PS 09.96- 10.99	111353	14 70			
		PS 09.96- 10.99	111477	14 90			
Ibiza 1.0 TSi	[CHZB]				05.15-	115560	12 1.7
	[CHZC]				05.15-	115560	12 1.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

SEAT Continued

Ibiza 1.0 TSi Sportcoupe	[CHZB]					05.15-	115560	12	1.7
	[CHZC]					05.15-	115560	12	1.7
Ibiza 1.2	[021A.1000]	06.84- 09.85	110358	14	55	11.84- 12.93	110365	12	0.8
	[AZQ]	11.01- 10.02	113253	14	90 ▲	02.02-	112435	12	1.1
	[BME]	02.02-	113253	14	90	02.02-	113515	12	0.9
	[BZG]	02.02-				02.02-	112435	12	1.1
	[CGPA]	02.02-				02.02-	113515	12	0.9
	[CJLB]	03.08-	113253	14	90	03.08-	114034	12	1.0
Ibiza 1.2 i	[021C.1000]					01.89- 05.93	110365	12	0.8
	[CBZA]	08.12-	115765	14	140	08.12-	114034	12	1.0
Ibiza 1.2 TSi	[CBZA]	08.12-	115767*	14	140	A25 08.12-	115401	12	2.2
	[CBZA]					08.12-	115612	12	1.2
	[CBZB]	09.10-	115765	14	140	09.10-	114034	12	1.0
	[CBZB]					A25 09.10-	115401	12	2.2
	[CBZB]					09.10-	115612	12	1.2
	[CJZC]					05.15-	115560	12	1.7
Ibiza 1.2 TSi Sportcoupe	[CJZC]					05.15-	115560	12	1.7
Ibiza 1.2 TDi	[CFWA]					A25 04.10-	115336	12	2.2
Ibiza 1.3 i	[2G]	03.93- 08.99	111288	14	65	03.93- 08.99	111058	12	0.8
	[AAV]	03.93- 08.99	112763	14	55				
	[AAV]	03.93- 07.94	111288	14	65	03.93- 07.94	111058	12	0.8
Ibiza 1.4	[AKK]	03.93- 07.94	112763	14	55				
	[ANW]	08.99-	112274	14	90				
	[ANW]	05.99-	112273	14	70				
	[ANW]	05.99-	112274	14	90				
	[BXW]	03.08-	112274	14	90	03.08-	114034	12	1.0
	[BXW]	03.08-	113874	14	110	03.08-	115611	12	1.1
Ibiza 1.4 16V	[CGGB]	07.08-				07.08-	115612	12	1.2
	[CGGB]	03.08-	112274	14	90	03.08-	114034	12	1.0
	[CGGB]	03.08-	113874	14	110	03.08-	115611	12	1.1
	[CGGB]	07.08-				07.08-	115612	12	1.2
	[APE]	05.99-	112273	14	70	05.99-	112307	12	1.1
	[APE]	05.99-	112274	14	90				
Ibiza 1.4 i 16V	[AQQ]	08.99- 07.00	112273	14	70	08.99- 07.00	112307	12	1.1
	[AQQ]	08.99- 07.00	112274	14	90				
	[AUB]	02.02-	115482	14	90 A49				
	[AUB]	AC 02.02-	111989	14	90				
	[AUB]	AC 02.02-	112274	14	90				
	[BBY]	02.02-	115482	14	90 A49	AT 02.02-	111823	12	1.1
	[BBY]	AC 02.02-	111989	14	90	5SP 02.02-	112435	12	1.1
	[BBY]	AC 02.02-	112274	14	90				
	[BBZ]	02.02-	115482	14	90 A49	02.02-	112435	12	1.1
	[BBZ]	AC 02.02-	111989	14	90				
	[BBZ]	AC 02.02-	112274	14	90				
	Ibiza 1.4 i	[BKY]					05.04- 12.07	112435	12
[BKY]						05.04- 12.07	113515	12	0.9
[BKY]						05.04- 12.07	115542	12	1.1
[AFH]		09.96- 08.99	111353	14	70	09.96- 08.99	112307	12	1.1
[AFH]		AC 09.96- 08.99	111477	14	90				
[ABD]		09.93- 12.95	111352	14	70	09.93- 12.95	112307	12	1.1
Ibiza 1.4 TSi	[ABD]	PS 09.93- 12.95	111353	14	70				
	[AEX]	12.95- 12.97	111352	14	70	12.95- 12.97	112307	12	1.1
	[AEX]	PS 12.95- 12.97	111353	14	70				
	[AEX]	ACPS 12.95- 12.97	111477	14	90				
	[AKV]	12.97-	111352	14	70	12.97-	112307	12	1.1
	[AKV]	PS 12.97-	111353	14	70				
Ibiza 1.4 TDi	[AKV]	ACPS 12.97-	111477	14	90				
	[APO]	12.97-	111352	14	70	12.97-	112307	12	1.1
	[APO]	PS 12.97-	111353	14	70				
	[APO]	ACPS 12.97-	111477	14	90				
	[CAVE]	06.09-	113861	14	110	06.09-	115612	12	1.2
	[CAVE]	06.09-	114884	14	140				
	[CAVF]	06.09-	113861	14	110	06.09-	115612	12	1.2
	[CAVF]	06.09-	114884	14	140				
	[CNUB]	06.09-	113861	14	110	06.09-	115612	12	1.2
	[CNUB]	06.09-	114884	14	140				
	[CPTA]					10.13-	115337	12	2.0
	[CTHE]	06.09-	113861	14	110	06.09-	115611	12	1.1
[CTHE]	06.09-	114884	14	140	06.09-	115612	12	1.2	
[CTHF]	06.09-	113861	14	110	06.09-	115612	12	1.2	
[CTHF]	06.09-	114884	14	140					
[CTJB]	06.09-	113861	14	110	06.09-	115612	12	1.2	
[CTJB]	06.09-	114884	14	140	06.09-	115611	12	1.1	
[CTJC]	06.09-	113861	14	110	06.09-	115611	12	1.1	
[CTJC]	06.09-	114884	14	140	06.09-	115612	12	1.2	
Ibiza 1.4 TDi Sportcoupe	[AMF]	05.02-	113275	14	120	5SP 05.02-	111900	12	1.8
	[AMF]					05.02-	113842	12	2.0
	[AMF]					05.02- 10.04	115503	12	1.8 A49
	[AMF]					11.04-	115508	12	1.7 A49
	[BMS]	06.05-	112079	14	90 A47	06.05- 06.10	115508	12	1.7 A49
	[BMS]	06.05- 06.10	113275	14	120	06.05- 06.10	113842	12	2.0
	[BNM]	05.05-	113275	14	120	05.05-	114062	12	1.7
	[BNV]	06.05-	112079	14	90 A47	06.05-	113842	12	2.0
	[BNV]	06.05-	113275	14	120	06.05-	115508	12	1.7 A49
	[CUSA]					05.15-	115336	12	2.2
	[CUSB]					05.15-	115336	12	2.2
	[CUTA]					05.15-	115336	12	2.2
Ibiza 1.4 TDi Sportcoupe	[CUSA]					05.15-	115336	12	2.2
	[CUSB]					05.15-	115336	12	2.2
	[CUTA]					05.15-	115336	12	2.2
Ibiza 1.5	[021A.2000]	06.84- 08.85	110358	14	55				
Ibiza 1.5 i	[021B.2000]					10.86- 05.93	110365	12	0.8
	[021C.2000]					10.86- 05.93	110365	12	0.8



Ibiza 1.6	[AEH]	05.99-05.02	115482	14 90	A49	05.99-05.02	115504	12 1.1	A49
		08.99-02.02	111989	14 90		08.99-02.02	111909	12 1.1	
	[AKL]	05.99-05.02	115482	14 90	A49	05.99-05.02	115504	12 1.1	A49
		08.99-02.02	111989	14 90		08.99-02.02	111909	12 1.1	
	[ALM]	09.97-02.02	112273	14 70		09.97-02.02	112307	12 1.1	
		09.97-02.02	112274	14 90					
	[APF]	08.99-	111989	14 90		08.99-	111909	12 1.1	
		08.99-	112075	14 70		08.99-10.00	115504	12 1.1	A49
		08.99-10.00	115482	14 90	A49				
[AUR]	07.00-05.02	115482	14 90	A49	07.00-05.02	115504	12 1.1	A49	
	08.99-02.02	111989	14 90		08.99-02.02	111909	12 1.1		
[BAH]	AC 02.03-	112274	14 90		02.03-	113515	12 0.9		
[BTS]	05.08-	114769	14 110		05.08-	114034	12 1.0		
					05.08-	115612	12 1.2		
Ibiza 1.6 16V	[BTS]	11.06-	114769	14 110		11.06-	113773	12 1.1	
Ibiza 1.6 i	[1F]	05.94-08.99	111352	14 70		05.94-08.99	111748	12 1.1	
		05.94-08.99	111479	14 90					
		AC 05.94-08.99	111477	14 90					
	[ABU]	03.93-07.94	111353	14 70		03.93-07.94	112307	12 1.1	
		03.93-07.94	111477	14 90					
	[AEE]	03.97-12.98	111353	14 70		03.97-12.98	112307	12 1.1	
		AC 03.97-12.98	111477	14 90					
	[AFT]	04.96-	111352	14 70		04.96-	111748	12 1.1	
		04.96-	111479	14 90		04.96-	112307	12 1.1	
						12.95-10.99	115504	12 1.1	A49
		AC 04.96-	111477	14 90		04.96-	111909	12 1.1	
	[ALM]	09.97-05.02	112273	14 70		09.97-05.02	112307	12 1.1	
	09.97-05.02	112274	14 90						
	Chas. -6K-X-399999	09.97-05.02	111353	14 70					
	Chas. -6K-X-399999	09.97-05.02	111477	14 90					
Ibiza 1.6 LPG	[CNKA]	05.11-	114769	14 110		05.11-	114034	12 1.0	
					05.11-	115612	12 1.2		
Ibiza 1.6 TDi	[CAYB]	05.09-	113992	14 140		A25 05.09-	115336	12 2.2	
		03.10-	115370	14 110		03.10-	115634	12 1.8	
	[CAYC]	05.09-	113992	14 140		A25 05.09-	115336	12 2.2	
	[CLNA]	05.09-	113992	14 140		A25 05.09-	115336	12 2.2	
	03.10-	115370	14 110						
Ibiza 1.7	[021A.3000]				01.91-05.93	111619	12 1.7		
Ibiza 1.7 Diesel	[022A.5000]	06.84-05.93	110912	14 55					
		06.84-05.93	111138	14 45					
Ibiza 1.8 i 16V	[ADL]	09.93-08.96	111353	14 70		11.93-08.96	111748	12 1.1	
		09.93-08.96	111477	14 90					
Ibiza 1.8 i	[ABS]	03.93-07.94	111352	14 70		03.93-07.94	111748	12 1.1	
		03.93-07.94	111479	14 90					
		AC 03.93-07.94	111477	14 90					
	[ADZ]	07.94-10.99	111352	14 70		07.94-11.95	111748	12 1.1	
		07.94-10.99	111479	14 90		11.95-10.99	111909	12 1.1	
		AC 07.94-10.99	111353	14 70		11.95-10.99	115504	12 1.1	A49
	AC 07.94-10.99	111477	14 90						
Ibiza 1.9 Diesel	[1Y]	03.93-08.96	111352	14 70		Chas. ZR199605-	04.93-08.96	112286	12 1.7
		03.93-08.96	111479	14 90		10.94-08.96	113387	12 2.0	
		AC 03.93-08.96	111477	14 90					
Ibiza 1.9 SDi	[AEF]	08.96-08.99	111353	14 70		12.95-10.99	112286	12 1.7	
		08.96-08.99	111477	14 90					
		08.96-08.99	111828	14 120					
		08.96-05.98	111884	14 90					
	[AEY]	12.95-10.99	111353	14 70		12.95-10.99	112286	12 1.7	
		12.95-10.99	111477	14 90					
		12.95-10.99	111884	14 90					
		AC 12.95-10.99	111477	14 90					
	[AGP]	05.99-05.02	115483	14 120	A49	05.99-01.02	112286	12 1.7	
		08.99-02.02	112002	14 120	A47				
		08.99-02.02	112079	14 90	A47				
		08.99-02.02	113340	14 70					
		08.99-02.02	114789	14 90	A49				
	[AQM]	05.99-05.02	115483	14 120	A49	05.99-01.02	112286	12 1.7	
		08.99-	112002	14 120	A47				
		08.99-	112079	14 90	A47				
		08.99-	113340	14 70					
		08.99-02.02	114789	14 90	A49				
		08.99-02.02	114797	14 120	A46				
[ASY]	02.02-	112002	14 120	A47	5SP 02.02-	112435	12 1.1		
	02.02-	112079	14 90	A47	Chas. -6L-5D090015, -6L-5R090178	02.02-11.04	112438	12 2.0	
					Chas. 6L-5D090016-, 6L-5R090179-	02.02-	114062	12 1.7	
	02.02-	113340	14 70						
	02.02-	114789	14 90	A49					
	02.02-	114797	14 120	A46					
	02.02-	115483	14 120	A49					
Ibiza 1.9 TD	[AAZ]	03.93-08.96	111352	14 70		Chas. ZR135501	03.93-08.96	112286	12 1.7
		03.93-08.96	111479	14 90					
		AC 03.93-08.96	111477	14 90					
Ibiza 1.9 TDi	[1Z]	08.96-12.96	111828	14 120		08.96-12.96	111900	12 1.8	
		08.96-12.96	111884	14 90		08.96-12.96	115503	12 1.8	A49
		08.96-12.96	111988	14 120					
	[AFN]	02.97-08.99	111828	14 120		02.97-08.99	111900	12 1.8	
		02.97-05.98	111884	14 90		02.97-08.99	115503	12 1.8	A49
		02.97-08.99	111988	14 120					
	[AGR]	05.99-05.02	113340	14 70		08.99-02.02	111900	12 1.8	
		05.99-05.02	115483	14 120	A49	05.99-05.02	115503	12 1.8	A49
	08.99-02.02	112002	14 120	A47					
	08.99-02.02	112079	14 90	A47					
	08.99-02.02	114789	14 90	A49					
	08.99-02.02	114797	14 120	A46					





SEAT Continued

[AHU]	12.96- 08.99	111828	14 120	03.97-	111694	12 1.8
	12.96- 05.98	111884	14 90	12.96- 08.99	111900	12 1.8
	12.96- 08.99	111988	14 120	08.96- 08.99	114160	12 1.8
[ALH]				12.96- 08.99	115503	12 1.8 A49
	05.99- 05.02	113340	14 70	08.99- 02.02	111900	12 1.8
	05.99- 05.02	115483	14 120 A49	05.99- 05.02	115503	12 1.8 A49
	08.99- 02.02	112002	14 120 A47			
	08.99- 02.02	112079	14 90 A47			
[ASK]	08.99- 02.02	114789	14 90 A49			
	08.99- 02.02	114797	14 120 A46			
	08.99- 02.02	114797	14 120 A47	08.99- 02.02	111900	12 1.8
	08.99- 02.02	115483	14 120 A49	08.99- 02.02	115503	12 1.8 A49
[ASV]	05.99- 05.02	113340	14 70	08.99- 02.02	111900	12 1.8
	05.99- 05.02	115483	14 120 A49	05.99- 05.02	115503	12 1.8 A49
	08.99- 02.02	112002	14 120 A47			
	08.99- 02.02	112079	14 90 A47			
[ASZ]	08.99- 02.02	114789	14 90 A49			
	02.02-	114797	14 120 A46			
	02.02-	115483	14 120 A49	02.02-	112429	12 2.0
	02.02-	112002	14 120 A47	02.02-	113841	12 1.7
	02.02-	112079	14 90 A47			
[ATD]	02.02-	113340	14 70			
	02.02-	114789	14 90 A49			
	02.02-	114797	14 120 A46			
	02.02-	115483	14 120 A49			
	02.02-	112002	14 120 A47	02.02-	111900	12 1.8
	02.02-	112079	14 90 A47	02.02-	113842	12 2.0
[AXR]	02.02-	113340	14 70	02.02- 12.04	115503	12 1.8 A49
	02.02-	114789	14 90 A49	12.04-	115508	12 1.7 A49
	02.02-	114797	14 120 A46			
	02.02-	115483	14 120 A49			
	05.05-	112002	14 120 A47	05.05-	111900	12 1.8
[BLS]	05.05-	112079	14 90 A47	05.05-	113842	12 2.0
	05.05-	113340	14 70	05.05-	115503	12 1.8 A49
	05.05-	114789	14 90 A49	05.05-	115508	12 1.7 A49
	05.05-	115483	14 120 A49			
	03.08- 06.10	112002	14 120 A47	03.08- 06.10	113842	12 2.0
[BLT]	03.08- 06.10	112079	14 90 A47	03.08- 06.10	115508	12 1.7 A49
	03.08- 06.10	113340	14 70			
	03.08- 06.10	114789	14 90 A49			
	03.08- 06.10	115483	14 120 A49			
	05.05-	112002	14 120 A47	05.05-	112429	12 2.0
[BMT]	05.05-	112079	14 90 A47			
	05.05-	113340	14 70			
	05.05-	114789	14 90 A49			
	05.05-	115483	14 120 A49			
	05.05-	115483	14 120 A49	09.06-	111900	12 1.8
[BXJ]	09.06-	112002	14 120 A47	09.06-	113842	12 2.0
	09.06-	112079	14 90 A47	09.06-	115503	12 1.8 A49
	09.06-	113340	14 70	05.05-	115508	12 1.7 A49
	09.06-	114789	14 90 A49			
	09.06-	115483	14 120 A49			
Ibiza 2.0 i 16V	07.08- 06.10	112002	14 120 A47	07.08- 06.10	113842	12 2.0
	07.08- 06.10	112079	14 90 A47	07.08- 06.10	115508	12 1.7 A49
	07.08- 06.10	114789	14 90 A49	07.08- 06.10	113841	12 1.7
	07.08- 06.10	114797	14 120			
	07.08- 06.10	115483	14 120 A49			
Ibiza 2.0 i	08.96- 08.99	111353	14 70	08.96- 08.99	111749	12 1.1
	08.96- 08.99	111479	14 90			
	AC 08.96- 08.99	111477	14 90			
[2E]	03.93- 04.96	111352	14 70	03.93- 04.96	111748	12 1.1
	03.93- 04.96	111479	14 90			
	AC 03.93- 04.96	111477	14 90			
[AGG]	04.96- 10.99	111352	14 70	04.96- 10.99	111909	12 1.1
	04.96- 10.99	111479	14 90	04.96- 10.99	115504	12 1.1 A49
	AC 04.96- 10.99	111477	14 90			
Ibiza 2.0 TDi	01.10-	113992	14 140	01.10-	113841	12 1.7
	01.10-	115370	14 110	A25 01.10-	115402	12 1.8
Ibiza Cupra 1.8 Turbo 20V	01.10-	115433*	14 140			
	07.00- 02.02	112079	14 90 A47	10.99- 10.00	112005	12 1.1
	07.00- 02.02	114789	14 90 A49			
	10.99- 10.00	111989	14 90			
[AYP]	10.99- 10.00	115482	14 90 A49			
	09.00- 05.02	115482	14 90 A49	09.00- 05.02	112005	12 1.1
	08.99-	111989	14 90			
	08.99-	112075	14 70			
Ibiza Cupra R 1.8 Turbo	01.04- 04.05	111989	14 90	01.04- 04.05	114163	12 1.1
	01.04-	112002	14 120 A47			
	01.04- 04.05	112075	14 70			
	01.04-	114797	14 120 A46			
	01.04- 04.05	115482	14 90 A49			
Ibiza Cupra R 1.9 TDi	01.04- 04.05	115483	14 120 A49			
	03.04-	112002	14 120 A47	03.04- 10.04	112429	12 2.0
	03.04-	112079	14 90 A47	03.04-	113841	12 1.7
	03.04-	113340	14 70			
	03.04-	114789	14 90 A49			
[BUX]	03.04-	114797	14 120 A46			
	03.04-	115483	14 120 A49			
	03.04-	112002	14 120 A47	03.04- 10.04	112429	12 2.0
	03.04-	112079	14 90 A47	03.04-	113841	12 1.7
	03.04-	113340	14 70			
Ibiza FR 1.8 Turbo	03.04-	114789	14 90 A49			
	03.04-	114797	14 120 A46			
	03.04-	115483	14 120 A49			
	12.03-	111989	14 90	12.03-	112005	12 1.1
	12.03-	112075	14 70			
	12.03-	115482	14 90 A49			

## STARTERS & ALTERNATORS



	[BKV]	12.03- 12.03- 12.03-	111989 112075 115482	14 90 14 70 14 90 A49		12.03-	112005	12 1.1
Ibiza Spotscoupe 1.2 TSi	[CBZA]	08.12-	115765	14 140		08.12- 08.12- 08.12-	114034 115401 115612	12 1.0 12 2.2 12 1.2
Ibiza Spotscoupe 1.2 TDi	[CFWA]					A25 05.10-	115336	12 2.2
Ibiza Spotscoupe 1.4 TSi	[CPTA]					10.13-	115337	12 2.0
Ibiza Spotscoupe 1.6	[BTS]	07.08-	114769	14 110		07.08- 07.08-	114034 115612	12 1.0 12 1.2
Ibiza Spotscoupe 1.9 TDi	[BLS]	07.08- 06.10 07.08- 06.10 07.08- 06.10 07.08- 06.10 07.08- 06.10	112002 112079 113340 114789 115483	14 120 A47 14 90 A47 14 70 14 90 A49 14 120 A49		07.08- 06.10 07.08- 06.10	113842 115508	12 2.0 12 1.7 A49
Ibiza Spotscoupe 2.0 TDi	[CFHD]	01.10- 01.10- 01.10-	113992 115370 115433*	14 140 14 110 14 140		01.10- A25 01.10-	113841 115402	12 1.7 12 1.8
Ibiza ST 1.4 TSi	[CAVF]	02.12- 02.12-	113861 114884	14 110 14 140		02.12-	115612	12 1.2
	[CNUB]	02.12-	113861	14 110		02.12-	115612	12 1.2
	[CPTA]	02.12-	114884	14 140				
	[CTHF]	02.12- 02.12-	113861 114884	14 110 14 140		10.13- 02.12-	115612 115612	12 1.2 12 1.2
	[CTJB]	02.12- 02.12-	113861 114884	14 110 14 140		02.12-	115612	12 1.2
Inca 1.4 16V	[AUA]	04.00- 04.00-	112273 112274	14 70 14 90		04.00-	112307	12 1.1
Inca 1.4 i	[AEX]	11.95- 11.95- PS 11.95- PS 11.95-	111352 111479 111353 111477	14 70 14 90 14 70 14 90		11.95-	112307	12 1.1
	[AKV]	09.97- 09.97- 09.97- PS 09.97- PS 09.97-	111352 111353 111479 111353 111477	14 70 14 70 14 90 14 70 14 90		11.95-	112307	12 1.1
	[APQ]	12.97- 06.03 PS 12.97- 06.03 PS 12.97- 06.03	111352 111353 111477	14 70 14 70 14 90		12.97- 06.03	112307	12 1.1
	[AUD]	09.00- 09.00-	112273 112274	14 70 14 90		09.00- 06.03	112307	12 1.1
Inca 1.6 i	[1F]	11.95- 05.97 11.95- 05.97 AC 11.95- 05.97	111352 111479 111477	14 70 14 90 14 90		11.95- 05.97	111748	12 1.1
	[AEE]	06.97- 06.97- 09.00 06.97- PS 06.97- AC 06.97- 09.00	111352 111353 111479 111353 111477	14 70 14 70 14 90 14 70 14 90		06.97- 09.00 06.97-	112307 111823	12 1.1 12 1.1
	[ALM]	11.95- 05.98 11.95- 05.98 AC 11.95- 05.98	111352 111353 111477	14 70 14 70 14 90		11.95- 05.98	112307	12 1.1
Inca 1.7 Diesel	[AHB]	09.96- 09.00 09.96- 09.00	111828 111884	14 120 14 90		09.96- 09.00	112286	12 1.7
Inca 1.9 Diesel	[1Y]	11.95- 11.95-	111352 111477	14 70 14 90		11.95-	112286	12 1.7
Inca 1.9 SDi	[AEY]	11.95- 11.95- AC 11.95-	111352 111477 111477	14 70 14 90 14 90		11.95-	112286	12 1.7
	[AYQ]	09.00- 09.00- 09.00- 09.00- 09.00- 09.00- 06.03	112002 112079 113340 114789 114797 115483	14 120 A47 14 90 A47 14 70 14 90 A49 14 120 A46 14 120 A49		11.95-	112286	12 1.7
Inca 1.9 TDi	[ALH]	09.96- 09.96- 09.96- 09.96-	111477 111884 112079 114789	14 90 14 90 14 90 14 90 A49		09.96- 09.96-	111900 115503	12 1.8 12 1.8 A49
Leon 1.2 TSi	[CBZB]	02.10- 02.10-	115765 115767*	14 140 14 140		02.10- 02.10- 02.10-	114175 115612 115645	12 1.1 12 1.2 12 2.0
	[CJZA]					01.13-	115945*	12 2.0
	[CJZB]					01.13-	115945*	12 2.0
	[CYVA]					12.12-	115945*	12 2.0
	[CYVB]					04.14- 04.14-	115696 115944	12 1.1 12 1.7
Leon 1.4 16V	[AHW]	12.99- 05.02 12.99- 05.02 AC 12.99- 05.02	112075 115482 111989	14 70 14 90 A49 14 90		11.99- 11.99-	115504 111909	12 1.1 A49 12 1.1
	[APE]	11.99- 11.99- 11.99- AC 11.99-	111989 112075 115482 111989	14 90 14 70 14 90 A49 14 90		11.99- 11.99-	115504 111909	12 1.1 A49 12 1.1
	[AUA]	11.99- 11.99-	111989 115482	14 90 14 90 A49		11.99- 11.99-	111909 115504	12 1.1 12 1.1 A49
	[AXP]	06.00- 02.02 11.99-	115482 111989	14 90 A49 14 90		11.99- 11.99-	115504 111909	12 1.1 A49 12 1.1
	[BCA]	02.02- 04.04 11.99-	115482 111989	14 90 A49 14 90		11.99- 02.04 11.99-	115504 111909	12 1.1 A49 12 1.1
	[BXW]	06.06-	113874	14 110		06.06-	114034	12 1.0
	[CGGB]	06.06-	113874	14 110		06.06-	114034	12 1.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

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Leon 1.4 TSI	[CAXC]	11.07- 11.07-	113861 114884	14 110 14 140		11.07- A44 11.07- A25 11.07- A25 09.12- 11.12- A25 09.12- 11.12- 05.14- 05.14- 05.14-	114163 115337 115338 115818 115818 115818 115818 115818 115944 115818 115944	12 1.1 12 2.0 12 2.0 12 1.1 12 1.1 12 1.1 12 1.1 12 1.1 12 1.7 12 1.1 12 1.7		
	[CHPA]									
	[CMBA]									
	[CPTA]									
	[CXSA]									
	[CZCA]									
	[CZEA]									
	Leon 1.6	[AEH]	10.99- 10.99- 10.99-	111989 112075 115482	14 90 14 70 14 90 A49		10.99- 10.99- 10.99-	111909 115504	12 1.1 12 1.1 A49	
		[AKL]	10.99- 10.99- 10.99-	111989 112075 115482	14 90 14 70 14 90 A49		10.99- 10.99- 10.99-	111909 115504	12 1.1 12 1.1 A49	
		[APF]	11.99- 11.99- 11.99-	111989 112075 115482	14 90 14 70 14 90 A49		11.99- 11.99- 11.99-	111909 115504	12 1.1 12 1.1 A49	
[BFO]		10.05- 06.06 10.05- 06.06 10.05- 06.06 10.05- 06.06	111989 112002 115482 115483	14 90 14 120 14 90 A49 14 120 A49		10.05- 06.06 10.05- 06.06	111909 115504	12 1.1 12 1.1 A49		
[BSE]		09.05- 09.05- 09.05-	111989 113992 115482	14 90 14 140 14 90 A49		09.05-	113773	12 1.1		
[BSF]		09.05-	113992	14 140		09.05-	113773	12 1.1		
[CCSA]		09.05-	113992	14 140		09.05-	113773	12 1.1		
[CMXA]		09.05-	113992	14 140		09.05-	113773	12 1.1		
Leon 1.6 16V		[ATN]	09.00- 09.00- 09.00-	111989 112075 115482	14 90 14 70 14 90 A49		09.00- 09.00-	111909 115504	12 1.1 12 1.1 A49	
		[AUS]	06.00- 06.00- 04.01 11.99- AC 11.99-	111989 115482 112075 111989	14 90 14 90 A49 14 70 14 90		11.99- 06.00- 04.01	111909 115504	12 1.1 12 1.1 A49	
		[AZD]	06.00- 09.00- 04.02 11.99- AC 11.99-	111989 115482 112075 111989	14 90 14 90 A49 14 70 14 90		09.00- 04.02 11.99-	115504 111909	12 1.1 A49 12 1.1	
		[BCB]	06.00- 09.00- 09.00- 04.02- 07.04 11.99- AC 11.99-	111989 112079 114789 115482 112075 111989	14 90 14 90 A47 14 90 A49 14 90 A49 14 70 14 90		04.02- 07.04 11.99-	115504 111909	12 1.1 A49 12 1.1	
		Leon 1.6 LPG	[CHGA]	12.09-	113992	14 140				
		Leon 1.6 MultiFuel	[CMXA]	11.10-	113992	14 140		11.10- 11.10-	113773 114176	12 1.1 12 1.0
		Leon 1.6 TDi	[CAYB]	11.10-	113992	14 140		11.10- A25 11.10- 11.10-	114299 115336 115634	12 1.7 12 2.2 12 1.8
	[CAYC]		02.10-	115433*	14 140		02.10- A25 02.10- AT 02.10- 02.10-	114299 115336 115376 115634	12 1.7 12 2.2 12 1.8 12 1.8	
	[CLHA]						A25 11.12- A50 11.12- DKG 11.12-	115336 115610 115634	12 2.2 12 2.0 12 1.8	
	[CLHB]						A25 11.12- A50 11.12- DKG 11.12-	115336 115610 115634	12 2.2 12 2.0 12 1.8	
	[CRKB]						A25 09.13- A50 09.13- DKG 09.13-	115336 115610 115634	12 2.2 12 2.0 12 1.8	
	Leon 1.8 20V		[AGN]	10.99- 10.99- 10.99- 11.99- 11.99-	111989 112075 115482 112002 115483	14 90 14 70 14 90 A49 14 120 A47 14 120 A49		AT 10.99- 10.99- 10.99-	111909 115504 112005	12 1.1 12 1.1 A49 12 1.1
[APG]			11.99- 11.99- 11.99- 12.99- 07.04 12.99- 07.04	111989 112002 114797 115482 115483	14 90 14 120 A47 14 120 A46 14 90 A49 14 120 A49		11.99- 10.99- 12.99- 07.04	111909 112005 115504	12 1.1 12 1.1 12 1.1 A49	
[CJSA]							02.13- 02.13-	115561 115944	12 1.7 12 1.7	
Leon 1.8 TSI		[BZB]	06.07-	114722	14 140		06.07-	114163	12 1.1	
[CDAA]		06.07-	114722	14 140		06.07-	114163	12 1.1		
Leon 1.8 Turbo 20V	[AUQ]	09.00- 10.99- 11.99- 11.99- 11.99-	115483 115482 111989 112002 114797	14 120 A49 14 90 A49 14 90 14 120 A47 14 120 A46		09.00- 04.04 11.99- Chas. -1M..2..020 000 09.00- 07.01 11.99-	115504 111909 112429 114174	12 1.1 A49 12 1.1 12 2.0 12 1.1		
	Leon 1.8 Turbo 20V 4 Syncro	[AJQ]	03.00- 01.01 10.99- 10.99-	115482 111989 112075	14 90 A49 14 90 14 70		11.99- AT 10.99- 10.99- 03.00- 01.01	112429 111909 112005 115504	12 2.0 12 1.1 12 1.1 12 1.1 A49	
		[ARY]	09.00- 04.04 09.00- 04.04 10.99- 10.99- 11.99- 11.99-	115482 115483 111989 112075 112002 114797	14 90 A49 14 120 A49 14 90 14 70 14 120 A47 14 120 A46		09.00- 04.04 AT 10.99- 11.99- 10.99- 11.99-	115504 111909 112429 112005 114174	12 1.1 A49 12 1.1 12 2.0 12 1.1 12 1.1	



Leon 1.8 Turbo	[APP]	10.99-	111989	14 90		AT 10.99-	111909	12 1.1	
		10.99-	112075	14 70		10.99-	115504	12 1.1	A49
		10.99-	115482	14 90 A49		10.99-	112005	12 1.1	
		11.99-	112002	14 120 A47					
		11.99-	114797	14 120 A46					
12.99-	115483	14 120 A49							
Leon 1.9 SDi	[AQM]	11.99-	112002	14 120 A47	Chas. -1M..2..020 00C	12.99- 07.01	112286	12 1.7	
		11.99-	112079	14 90 A47					
		11.99-	114789	14 90 A49					
		11.99-	114797	14 120 A46					
		11.99- 10.03	115483	14 120 A49					
Leon 1.9 TDi	[AGR]	11.99-	112002	14 120 A47		10.99-	111900	12 1.8	
		11.99-	112079	14 90 A47		12.99- 09.02	115503	12 1.8	A49
		11.99-	113340	14 70					
		11.99-	114789	14 90 A49					
		12.99- 09.02	115483	14 120 A49					
	[AHF]	10.99-	115483	14 120 A49		10.99-	111900	12 1.8	
		11.99-	112002	14 120 A47		10.99-	115503	12 1.8	A49
		11.99-	114797	14 120 A46					
	[ALH]	10.99-	113340	14 70		10.99-	115503	12 1.8	A49
		10.99-	115483	14 120 A49		10.99-	111900	12 1.8	
		11.99-	112002	14 120 A47	AT	10.99-	112286	12 1.7	
		11.99-	112079	14 90 A47					
		11.99-	114789	14 90 A49					
	11.99-	114797	14 120 A46						
	[ARL]	09.00- 07.04	115483	14 120 A49		09.00- 07.04	112429	12 2.0	
		02.01-	112002	14 120 A47					
		02.01-	112079	14 90 A47					
		02.01-	114797	14 120 A46					
	[ASV]	10.99-	115483	14 120 A49		10.99-	111900	12 1.8	
		11.99-	112002	14 120 A47		10.99-	115503	12 1.8	A49
		11.99-	112079	14 90 A47					
		11.99-	114789	14 90 A49					
		11.99-	114797	14 120 A46					
	[ASZ]	05.03-	112002	14 120 A47		05.03- 07.04	112429	12 2.0	
		05.03-	112079	14 90 A47					
		05.03-	114789	14 90 A49					
		05.03-	114797	14 120 A46					
05.03- 07.04		115483	14 120 A49						
[AXR]	10.05-	112002	14 120 A47		10.05-	111900	12 1.8		
	10.05-	112079	14 90 A47		10.05-	115503	12 1.8	A49	
	10.05-	114789	14 90 A49						
	10.05-	114797	14 120 A46						
	10.05-	115483	14 120 A49						
[BKC]	09.05-	113992	14 140		09.05-	113842	12 2.0		
	09.05-	115370	14 110		09.05-	115508	12 1.7	A49	
[BLS]	09.05-	113992	14 140		09.05-	113842	12 2.0		
	09.05-	115370	14 110		AT7S 09.05-	115376	12 1.8		
					09.05-	115508	12 1.7	A49	
[BXE]	09.05-	113992	14 140		09.05-	113842	12 2.0		
	09.05-	115370	14 110		09.05-	115508	12 1.7	A49	
[BXF]	06.07-	113992	14 140		06.07-	113842	12 2.0		
	06.07-	115370	14 110		06.07-	115508	12 1.7	A49	
Leon 1.9 TDi Syncro	[ARL]	05.02-	112002	14 120 A47		05.02- 07.04	112429	12 2.0	
		05.02-	112079	14 90 A47					
		05.02-	114789	14 90 A49					
		05.02-	114797	14 120 A46					
		05.02- 07.04	115483	14 120 A49					
Leon 2.0 Cupra	[CJXA]					A25 10.13-	115561	12 1.7	
						10.13-	115900	12 1.1	
						A25 10.13-	115561	12 1.7	
						10.13-	115900	12 1.1	
[CJXE]						10.15-	115402	12 1.8	
						10.15-	115561	12 1.7	
						10.15-	115696	12 1.1	
						10.15-	115900	12 1.1	
Leon 2.0 FSi	[BLR]	09.05-	113992	14 140		09.05-	113773	12 1.1	
						09.05-	114163	12 1.1	
		09.05-	113992	14 140		09.05-	113773	12 1.1	
						09.05-	114163	12 1.1	
		09.05-	113992	14 140		11.05-	114163	12 1.1	
[BLV]	09.05-	113992	14 140		09.05-	113773	12 1.1		
					09.05-	114163	12 1.1		
	09.05-	113992	14 140		09.05-	113773	12 1.1		
					09.05-	114163	12 1.1		
	09.05-	113992	14 140		09.05-	113773	12 1.1		
[BVZ]	09.05-	113992	14 140		09.05-	113773	12 1.1		
					09.05-	114163	12 1.1		
	09.05-	113992	14 140		AT 09.05-	115333	12 1.0		
					11.06-	113773	12 1.1		
	09.05-	113992	14 140		06.09-	115900	12 1.1		
Leon 2.0 TFSi	[BWA]	09.09-	113992	14 140					
		11.06-	113992	14 140					
		06.09-	114722	14 140		06.09-	115900	12 1.1	
		09.09-	113992	14 140					
		11.06-	113992	14 140		11.06-	113773	12 1.1	
Leon 2.0 TDi 16V	[BKD]	09.05-	113992	14 140		AT 09.05-	113509	12 2.0	
		09.05-	115370	14 110		09.05-	113841	12 1.7	
						09.05-	115311	12 1.7	
		09.05-	113992	14 140		AT 09.05-	113509	12 2.0	
		09.05-	115370	14 110		09.05-	113841	12 1.7	
[CFHC]	09.05-	113992	14 140		09.05-	115311	12 1.7		
	09.05-	115370	14 110		09.05-	113509	12 2.0		
					09.05-	113841	12 1.7		
	09.05-	113992	14 140		09.05-	115311	12 1.7		
	09.05-	115370	14 110		AT 09.05-	113509	12 2.0		
[CLCB]	09.05-	113992	14 140		09.05-	113841	12 1.7		
	09.05-	115370	14 110		09.05-	115311	12 1.7		
					09.05-	113509	12 2.0		
	09.05-	113992	14 140		09.05-	113841	12 1.7		
	09.05-	115370	14 110		09.05-	115311	12 1.7		
Leon 2.0 TDi	[AZV]	10.05-	113992	14 140					
		10.05-	115370	14 110					
	[BMM]	10.05-	113992	14 140		10.05-	113841	12 1.7	
		10.05-	115370	14 110					
	[BMN]	02.06-	113992	14 140		02.06-	113841	12 1.7	
02.06-		115370	14 110						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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	[CEGA]	02.06-	113992	14 140		02.06-	113841	12 1.7
		02.06-	115370	14 110				
	[CFJA]	02.06-	113992	14 140		02.06-	113841	12 1.7
		02.06-	115370	14 110				
	[CKFC]					10.12-	115402	12 1.8
						10.12-	115634	12 1.8
						10.12-	116097*	12 2.0
	[CRMB]					10.12-	115402	12 1.8
						10.12-	115634	12 1.8
						10.12-	116097*	12 2.0
	[CRVA]				A25	05.13-	115402	12 1.8
						05.13-	115634	12 1.8
						05.13-	116097*	12 2.0
	[CRVC]					05.13-	115402	12 1.8
						05.13-	116097*	12 2.0
	[CUNA]					09.12-	115402	12 1.8
						09.12-	116097*	12 2.0
	[CUPA]					09.12-	115402	12 1.8
						09.12-	116097*	12 2.0
Leon Cupra 4 2.8 Cupra 4	[AUE]	02.01-	112002	14 120 A47		02.01-	112429	12 2.0
		02.01-	112079	14 90 A47				
		02.01-	114789	14 90 A49				
		02.01-	114797	14 120 A46				
		02.01-	115483	14 120 A49				
Leon Cupra R 1.8 Turbo Cupra R	[AMK]	02.02-	112002	14 120 A47		02.02-	114174	12 1.1
		02.02-	114797	14 120 A46				
		05.02- 05.03	111989	14 90				
		05.02- 05.03	115482	14 90 A49				
		05.02- 05.03	115483	14 120 A49				
	[BAM]	05.03-	111989	14 90		07.03-	114174	12 1.1
		05.03-	115482	14 90 A49				
		05.03-	115483	14 120 A49				
		07.03-	112002	14 120 A47				
		07.03-	114797	14 120 A46				
Leon SC 1.2 TSI	[CJZA]					02.13-	115945*	12 2.0
	[CJZB]					01.13-	115945*	12 2.0
	[CYVA]					01.13-	115945*	12 2.0
	[CYVB]					05.14-	115944	12 1.7
Leon SC 1.4 TSI	[CHPA]					02.13-	115818	12 1.1
	[CMBA]					02.13-	115818	12 1.1
	[CPTA]					02.13-	115818	12 1.1
	[CXSA]					02.13-	115818	12 1.1
	[CZCA]					05.14-	115818	12 1.1
						05.14-	115944	12 1.7
	[CZEA]					05.14-	115818	12 1.1
						05.14-	115944	12 1.7
Leon SC 1.6 TDI	[CLHA]				A50	02.13-	115610	12 2.0
					DKG	02.13-	115634	12 1.8
	[CLHB]				A25	02.13-	115336	12 2.2
					A50	02.13-	115610	12 2.0
					DKG	02.13-	115634	12 1.8
	[CRKB]				A25	09.13-	115336	12 2.2
					A50	09.13-	115610	12 2.0
					DKG	09.13-	115634	12 1.8
Leon SC 1.8 TFSI	[CJSA]					02.13-	115561	12 1.7
						02.13-	115944	12 1.7
Leon SC 2.0 Cupra	[CJXA]				A25	10.13-	115561	12 1.7
						10.13-	115900	12 1.1
	[CJXE]				A25	10.13-	115561	12 1.7
						10.13-	115900	12 1.1
	[CJXH]					10.15-	115402	12 1.8
						10.15-	115561	12 1.7
						10.15-	115696	12 1.1
						10.15-	115900	12 1.1
Leon SC 2.0 TDI	[CKFC]				A25	02.13-	115402	12 1.8
						02.13-	115634	12 1.8
						02.13-	116097*	12 2.0
	[CRMB]				A25	02.13-	115402	12 1.8
						02.13-	115634	12 1.8
						02.13-	116097*	12 2.0
	[CRVA]					02.13-	115634	12 1.8
						02.13-	116097*	12 2.0
	[CRVC]					05.13-	115402	12 1.8
						05.13-	116097*	12 2.0
	[CUNA]				A25	03.13-	115402	12 1.8
						03.13-	115634	12 1.8
						03.13-	116097*	12 2.0
	[CUPA]				A25	03.13-	115402	12 1.8
						03.13-	115634	12 1.8
						03.13-	116097*	12 2.0
Leon ST 1.2 TSI	[CJZA]					08.13-	115945*	12 2.0
	[CJZB]					11.13-	115945*	12 2.0
	[CYVA]					11.13-	115945*	12 2.0
	[CYVB]					05.14-	115944	12 1.7
Leon ST 1.4 TGI	[CPWA]					10.13-	115818	12 1.1
						10.13-	115944	12 1.7
Leon ST 1.4 TSI	[CHPA]					10.13-	115818	12 1.1
	[CMBA]					10.13-	115818	12 1.1
	[CPTA]				DKG	10.13-	115818	12 1.1
	[CXSA]					10.13-	115818	12 1.1
	[CZCA]					05.14-	115818	12 1.1
						05.14-	115944	12 1.7
	[CZEA]					05.14-	115818	12 1.1
						05.14-	115944	12 1.7
Leon ST 1.6 TDi	[CLHA]					10.13-	115336	12 2.2
	[CLHB]					11.13-	115336	12 2.2

## STARTERS & ALTERNATORS



	[CRKB]					A25 09.13-	115336	12 2.2	
						A50 09.13-	115610	12 2.0	
						09.13-	115634	12 1.8	
Leon ST 1.6 TDI 4Drive	[CLHA]					A25 04.14-	115402	12 1.8	
						04.14-	115634	12 1.8	
	[CRKB]					11.14-	115634	12 1.8	
Leon ST 1.8 TFSI	[CJSA]					A50 10.13-	115561	12 1.7	
						10.13-	115944	12 1.7	
Leon ST 1.8 TSI 4Drive	[CJSA]					11.14-	115561	12 1.7	
Leon ST 2.0 Cupra	[CJXA]					10.13-	115561	12 1.7	
	[CJXE]					10.13-	115900	12 1.1	
	[CJXH]					10.15-	115402	12 1.8	
						10.15-	115561	12 1.7	
						10.15-	115696	12 1.1	
						10.15-	115900	12 1.1	
Leon ST 2.0 TDi	[CKFC]					10.13-	115402	12 1.8	
						10.13-	115634	12 1.8	
						10.13-	116097*	12 2.0	
	[CRBC]					10.13-	115402	12 1.8	
						10.13-	115634	12 1.8	
						10.13-	116097*	12 2.0	
	[CRLB]					10.13-	115402	12 1.8	
						10.13-	115634	12 1.8	
						10.13-	116097*	12 2.0	
	[CRMB]					10.13-	115402	12 1.8	
						10.13-	115634	12 1.8	
						10.13-	116097*	12 2.0	
	[CRVA]					11.13-	115634	12 1.8	
						11.13-	116097*	12 2.0	
	[CRVC]					10.13-	116097*	12 2.0	
	[CUNA]					A25 08.13-	115402	12 1.8	
						08.13-	115634	12 1.8	
						08.13-	116097*	12 2.0	
	[CUPA]					A25 08.13-	115402	12 1.8	
						08.13-	116097*	12 2.0	
Leon ST 2.0 TDi 4Drive	[CRBC]					04.14-	115402	12 1.8	
						04.14-	115944	12 1.7	
						04.14-	116097*	12 2.0	
	[CRLB]					04.14-	115402	12 1.8	
						04.14-	115634	12 1.8	
						04.14-	115944	12 1.7	
						04.14-	116097*	12 2.0	
	[CRMB]					A25 04.14-	115402	12 1.8	
						04.14-	115634	12 1.8	
						04.14-	115944	12 1.7	
						04.14-	116097*	12 2.0	
	[CUNA]					11.14-	115402	12 1.8	
						11.14-	116097*	12 2.0	
Malaga 1.2	[021A.1000]	05.85- 08.85	110358	14 55		05.85- 12.93	110365	12 0.8	
Malaga 1.2 i	[021C.1000]	05.85- 12.93	111138	14 45		12.89- 12.93	110365	12 0.8	
		09.85- 12.93	110912	14 55					
Malaga 1.5	[021A.2000]	05.85- 08.85	110358	14 55		05.85- 12.93	110365	12 0.8	
Malaga 1.5 i	[021A.2000]					10.86- 12.93	110365	12 0.8	
	[021B.2000]					01.87- 12.93	110365	12 0.8	
	[021C.2000]					10.86- 12.93	110365	12 0.8	
	[021D.2000]	05.85- 12.93	111138	14 45		10.86- 12.93	110365	12 0.8	
		09.85- 12.93	110912	14 55					
Malaga 1.7 Diesel	[022A.5000]	05.85- 12.93	110912	14 55					
		05.85- 12.93	111138	14 45					
Marbella 0.8	[08NCA]	08.86- 12.93	111078	14 45		08.86- 12.93	110365	12 0.8	
Marbella 0.9	[08NCB]	11.96- 10.98	111138	14 45		11.96- 10.98	110365	12 0.8	
	[09NCA]	01.87- 12.93	111078	14 45		01.87- 12.93	110365	12 0.8	
	[09NCB]	01.87- 02.97	111078	14 45		01.87- 02.97	110365	12 0.8	
Mii 1.0	[CHYA]	10.11-	115695*	14 110		10.11-	115696	12 1.1	
	[CHYB]	10.11-	115695*	14 110		10.11-	115696	12 1.1	
Mii 1.0 EcoFuel	[CPGA]	11.12-	115695*	14 110					
Panda 0.9	[100GL.7000]					09.82- 12.86	110365	12 0.8	
Ronda 1.2	[021A.1000]	05.84- 08.85	110358	14 55					
	[124B6.000]	11.82- 12.83	111138	14 45					
		01.84- 04.84	110358	14 55					
Ronda 1.4	[124B7.000]	11.82- 12.83	111138	14 45					
		05.84- 08.85	110358	14 55					
Ronda 1.5	[021A.2000]	05.84- 08.85	110358	14 55					
Ronda 1.7 Diesel	[022A.5000]	06.82- 12.86	110912	14 55					
		09.85- 12.86	111138	14 45					
Terra 0.9	[09NCA]	01.87- 12.96	111078	14 45		01.87- 12.96	110365	12 0.8	
	[09NCB]	01.90- 12.95	111078	14 45		01.90- 12.95	110365	12 0.8	
Terra 1.3 Diesel	[MN]					03.90- 12.94	115540	12 1.4	
Terra 1.4 Diesel	[1W]	10.90- 12.95	112763	14 55		10.90- 12.95	115540	12 1.4	
Toledo 1.2	[CGPC]	07.12-	113253	14 90		07.12-	114034	12 1.0	
Toledo 1.2 TSI	[CBZA]	07.12-	115765	14 140		07.12-	114034	12 1.0	
						A25 07.12-	115401	12 2.2	
	[CBZB]	07.12-	115765	14 140		07.12-	114034	12 1.0	
		07.12-	115767*	14 140		A25 07.12-	115401	12 2.2	
Toledo 1.4 16V	[AHW]	07.99-	111989	14 90		07.99- 05.02	115504	12 1.1	A49
		07.99-	112075	14 70		07.99-	111909	12 1.1	
		07.99- 05.02	115482	14 90	A49				
		AC 07.99-	111989	14 90					
		AC 07.99-	112075	14 70					
	[APE]	07.99- 08.00	111989	14 90		07.99- 08.00	111909	12 1.1	
		07.99- 08.00	112075	14 70		07.99- 08.00	115504	12 1.1	A49
		07.99- 08.00	115482	14 90	A49				
	[AUA]	07.99- 08.00	111989	14 90		07.99- 08.00	111909	12 1.1	
		07.99- 08.00	112075	14 70		07.99- 08.00	115504	12 1.1	A49
		07.99- 08.00	115482	14 90	A49				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



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	[AXP]	06.00- 02.02 115482	14 90 A49	07.99- 111909	12 1.1
		07.99- 08.00 111989	14 90	06.00- 02.02 115504	12 1.1 A49
		07.99- 08.00 112075	14 70		
	[BCA]	07.99- 08.00 111989	14 90	07.99- 08.00 111909	12 1.1
		07.99- 08.00 112075	14 70	07.99- 08.00 115504	12 1.1 A49
		07.99- 08.00 115482	14 90 A49		
	[BXW]	05.06- 05.09 113874	14 110	05.06- 05.09 114034	12 1.0
Toledo 1.4 TSI	[CAXA]	07.12- 113861	14 110	07.12- 115612	12 1.2
		07.12- 114884	14 140		
Toledo 1.6	[AEH]	04.99- 111989	14 90	04.99- 111909	12 1.1
		04.99- 112075	14 70	04.99- 05.02 115504	12 1.1 A49
		04.99- 05.02 115482	14 90 A49		
	[AKL]	04.99- 111989	14 90	04.99- 111909	12 1.1
		04.99- 112075	14 70	04.99- 05.02 115504	12 1.1 A49
		04.99- 05.02 115482	14 90 A49		
	[APF]	04.99- 09.00 111989	14 90	04.99- 09.00 111909	12 1.1
		04.99- 09.00 112075	14 70	04.99- 09.00 115504	12 1.1 A49
		04.99- 09.00 115482	14 90 A49		
	[BGU]	10.04- 113992	14 140	AT 10.04- 113773	12 1.1
	[BSE]	10.04- 111989	14 90	AT 10.04- 113773	12 1.1
		10.04- 113992	14 140		
		10.04- 115482	14 90 A49		
	[BSF]	10.04- 111989	14 90	AT 10.04- 113773	12 1.1
		10.04- 113992	14 140		
		10.04- 115482	14 90 A49		
	[CCSA]	12.07- 113992	14 140		
	[CFNA]	07.13- 114769	14 110	07.13- 114034	12 1.0
Toledo 1.6 16V	[AUS]	09.00- 111989	14 90	09.00- 111909	12 1.1
		09.00- 05.06 115482	14 90 A49	09.00- 05.06 115504	12 1.1 A49
	[AZD]	09.00- 111989	14 90	09.00- 05.06 115504	12 1.1 A49
		09.00- 05.06 115482	14 90 A49	09.00- 111909	12 1.1
	AC 09.00-	111989	14 90		
	[BCB]	09.00- 05.06 111989	14 90	09.00- 05.06 111909	12 1.1
		09.00- 05.06 115482	14 90 A49	09.00- 05.06 115504	12 1.1 A49
Toledo 1.6 i	[1F]	05.91- 12.93 112149	14 65	05.91- 10.98 111748	12 1.1
		10.93- 10.98 111352	14 70	05.91- 10.98 111059	12 0.9
		10.93- 10.98 111479	14 90		
	Chas. -ZD304850	05.91- 12.93 112149	14 65		
	AC 10.93-	10.98 111477	14 90		
	[ABN]	10.93- 07.94 111352	14 70	05.91- 07.94 111748	12 1.1
		10.93- 07.94 111479	14 90	05.91- 07.94 111059	12 0.9
	Chas. -ZD304850	05.91- 10.93 112149	14 65		
	AC 10.93-	07.94 111477	14 90		
	[AFT]	11.96- 10.98 111353	14 70	11.96- 111748	12 1.1
		11.96- 10.98 111477	14 90		
	[EZ]	Chas. -ZD304850 05.91- 09.91 112149	14 65	05.91- 09.91 111059	12 0.9
Toledo 1.6 TDI	[CAYB]	06.13- 113992	14 140	06.13- 115336	12 2.2
		06.13- 115370	14 110	06.13- 115944	12 1.7
		06.13- 115433*	14 140		
	[CAYC]	07.12- 113992	14 140	07.12- 114299	12 1.7
		07.12- 115370	14 110	A25 07.12- 115336	12 2.2
		07.12- 115433*	14 140	07.12- 115944	12 1.7
	[CLNA]	07.12- 113992	14 140	07.12- 114299	12 1.7
		07.12- 115370	14 110	A25 07.12- 115336	12 2.2
		07.12- 115433*	14 140	07.12- 115944	12 1.7
Toledo 1.8 16V	[KR]	05.91- 11.92 112750	14 90	05.91- 11.92 111748	12 1.1
	[PL]	05.91- 03.94 112750	14 90	05.91- 03.94 111748	12 1.1
Toledo 1.8 20V	[AGN]	04.99- 111989	14 90	AT 04.99- 111909	12 1.1
		04.99- 112075	14 70	04.99- 112005	12 1.1
		04.99- 05.06 115482	14 90 A49	04.99- 05.06 115504	12 1.1 A49
	[APG]	04.99- 05.06 111989	14 90	04.99- 05.06 111909	12 1.1
		04.99- 05.06 112002	14 120 A47	05.99- 05.06 115504	12 1.1 A49
		04.99- 05.06 114797	14 120 A46		
		05.99- 05.06 115482	14 90 A49		
		05.99- 05.06 115483	14 120 A49		
Toledo 1.8 i	[ABS]	11.93- 07.94 111352	14 70	11.93- 07.94 111748	12 1.1
		11.93- 07.94 111479	14 90		
		11.93- 07.94 111479	14 90		
	[ADZ]	07.94- 12.96 111352	14 70	07.94- 12.96 111748	12 1.1
		07.94- 12.96 111477	14 90		
		07.94- 12.96 111479	14 90		
	[RP]	Chas. ZD304851- 10.93- 12.96 111352	14 70	05.91- 12.96 111748	12 1.1
		Chas. ZD304851- 10.93- 12.96 111479	14 90		
		Chas. -ZD304850 05.91- 10.93 112149	14 65		
	AC, Chas. ZD304851-	10.93- 12.96 111477	14 90		
Toledo 1.8 TFSi	[BYT]	01.07- 114722	14 140	01.07- 06.07 114163	12 1.1
	[BZB]	01.07- 114722	14 140	01.07- 114163	12 1.1
	[CDAA]	01.07- 114722	14 140	01.07- 114163	12 1.1
Toledo 1.8 Turbo 20V	[APP]	05.01- 05.06 111989	14 90	05.01- 05.06 112429	12 2.0
		05.01- 05.06 112002	14 120 A47	05.01- 05.06 114174	12 1.1
		05.01- 05.06 114797	14 120 A46		
		05.01- 05.06 115482	14 90 A49		
		05.01- 05.06 115483	14 120 A49		
	[AUQ]	05.01- 111989	14 90	Chas. -1M-2-020000 05.01- 112429	12 2.0
		05.01- 112002	14 120 A47	05.01- 05.06 114174	12 1.1
		05.01- 05.06 114797	14 120 A46		
		05.01- 05.06 115482	14 90 A49		
		05.01- 05.06 115483	14 120 A49		
Toledo 1.9 Diesel	[1Y]	05.91- 10.93 111154	14 65	05.91- 10.98 112286	12 1.7
		10.93- 10.98 111352	14 70		
		10.93- 10.98 111479	14 90		
	AC 10.93-	10.98 111477	14 90		

## STARTERS & ALTERNATORS



Toledo 1.9 SDi	[AQM]	11.99- 06.04	112002	14 120 A47	11.99- 06.04	112286	12	1.7	
		11.99- 06.04	112079	14 90 A47					
		11.99- 06.04	113340	14 70					
		11.99- 06.04	114789	14 90 A49					
		11.99- 06.04	114797	14 120					
		11.99- 06.04	115483	14 120 A49					
Toledo 1.9 TD	[AAZ]	05.91- 10.93	111154	14 65	05.91- 04.97	112286	12	1.7	
		10.93- 04.97	111352	14 70					
		10.93- 04.97	111479	14 90					
		AC 10.93- 04.97	111477	14 90					
Toledo 1.9 TDi	[1Z]	08.95-	111828	14 120	08.95- 11.94- 10.98	111900 115503	12	1.8 1.8 A49	
		[AFN]	11.96- 03.99	111828	14 120	11.96- 11.96- 11.96- 03.99	111694 111900 115503	12	1.8 1.8 1.8 A49
	11.96- 06.98		111884	14 90					
	11.96- 03.99		111988	14 120					
		[AGR]	04.99- 05.06	112002	14 120 A47	AT 04.99- 05.06 04.99- 09.02 04.99- 05.06	111900 112286 115503	12	1.8 1.7 1.8 A49
	04.99- 05.06		112079	14 90 A47					
	04.99- 05.06		114789	14 90 A49					
	04.99- 05.06		114797	14 120 A46					
	04.99- 05.06		115483	14 120 A49					
		[AHF]	04.99-	112002	14 120 A47	AT 04.99- 04.99- 04.99- 09.02	111900 112286 115503	12	1.8 1.7 1.8 A49
	04.99-		112079	14 90 A47					
	04.99-		113340	14 70					
	04.99- 05.06		114789	14 90 A49					
	04.99- 05.06		114797	14 120 A46					
			04.99- 09.02	115483	14 120 A49				
		[AHU]	06.96-	111828	14 120	06.96- 08.96- 10.98	111900 115503	12	1.8 1.8 A49
	06.96-		111884	14 90					
	06.96-		111988	14 120					
		[ALH]	04.99- 05.06	112002	14 120 A47	AT 04.99- 05.06 04.99- 07.04 04.99- 05.06	111900 112286 115503	12	1.8 1.7 1.8 A49
	04.99- 05.06		112079	14 90 A47					
	04.99- 05.06		114789	14 90 A49					
	04.99- 05.06		114797	14 120 A46					
	04.99- 05.06		115483	14 120 A49					
		[ARL]	10.00- 05.06	112002	14 120 A47	10.00- 07.04	112429	12	2.0
	10.00- 05.06		112079	14 90 A47					
	10.00- 05.06		114789	14 90					
	10.00- 05.06		114797	14 120 A46					
	10.00- 05.06		115483	14 120 A49					
		[ASV]	04.99- 05.06	112002	14 120	04.99- 05.06 05.99- 12.03	111900 115503	12	1.8 1.8 A49
	04.99- 05.06		112079	14 90					
	04.99- 05.06		113340	14 70					
04.99- 05.06	114789		14 90 A49						
05.99- 12.03	115483		14 120 A49						
	[ASZ]	05.03- 05.06	112002	14 120 A47	05.03- 07.04	112429	12	2.0	
05.03- 05.06		112079	14 90 A47						
05.03- 05.06		114789	14 90 A49						
05.03- 05.06		114797	14 120 A46						
05.03- 05.06		115483	14 120 A49						
	[BJB]	10.04-	113992	14 140	10.04- 10.04-	113842 115508	12	2.0 1.7 A49	
10.04-		115370	14 110						
	[BKC]	10.04-	113992	14 140	10.04- 10.04-	113842 115508	12	2.0 1.7 A49	
10.04-		115370	14 110						
	[BLS]	10.05-	113992	14 140	10.05- 10.05-	113842 115508	12	2.0 1.7 A49	
10.05-		115370	14 110						
	[BXE]	02.06-	113992	14 140	02.06- 02.06-	113842 115508	12	2.0 1.7 A49	
02.06-		115370	14 110						
Toledo 2.0 FSi	[BLR]	10.04-	113992	14 140	AT 10.04- 10.04-	113773 114163	12	1.1 1.1	
	[BLY]	10.04-	113992	14 140	AT 10.04- 10.04-	113773 114163	12	1.1 1.1	
	[BVY]	11.05-	113992	14 140	11.05-	114163	12	1.1	
	[BVZ]	11.05- 05.06	113992	14 140	11.05- 05.06	114163	12	1.1	
Toledo 2.0 i 16V	[ABF]	11.93- 11.93-	111353 111477	14 70 14 90	11.93-	111749	12	1.1	
Toledo 2.0 i	[2E]	05.91- 10.93	112149	14 65	05.91- 06.96	111748	12	1.1	
		10.93- 06.96	111352	14 70					
		10.93- 06.96	111479	14 90					
		AC 10.93- 06.96	111477	14 90					
		[AGG]	03.96- 10.98	111352	14 70	03.96- 03.99	111748	12	1.1
03.96- 10.98	111479		14 90						
		AC 03.96- 10.98	111477	14 90					
Toledo 2.0 TFSi	[BWA]	11.05- 02.06	113992	14 140	11.05- 02.06 11.05- 02.06	113773 115333	12	1.1 1.0	
Toledo 2.0 TDi	[AZV]	09.04-	113992	14 140	AT 10.04- 01.06- 01.06- 01.06- 01.06- 01.06-	113509 113841 113841 113841	12	2.0 1.7 1.7 1.7	
		09.04-	115370	14 110					
	10.04-	113992	14 140						
	10.04-	115370	14 110						
	01.06-	113992	14 140						
	01.06-	115370	14 110						
	01.06-	113992	14 140						
		01.06-	115370	14 110					
	[CEGA]	01.06-	113992	14 140	01.06-	113841	12	1.7	
01.06-		115370	14 110						
Toledo 2.3 V5	[AGZ]	10.98- 11.00	115483	14 120 A49	AT 04.99- 04.99- 05.01	112286 114160	12	1.7 1.8	
		04.99-	112002	14 120 A47					
		04.99-	112079	14 90 A47					
		04.99-	113340	14 70					
		04.99- 05.01	114789	14 90 A49					
		04.99- 05.01	114797	14 120 A46					
		[AQN]	05.01-	112002	14 120 A47	AT 05.01- 05.01- 05.06	112286 114160	12	1.7 1.8
	05.01-		112079	14 90 A47					
	05.01-		113340	14 70					
	05.01- 05.06		114789	14 90 A49					
		05.01- 05.06	114797	14 120 A46					
		05.01- 05.06	115483	14 120 A49					





**SEAT** Continued

Various models					05.72-	110365	12	0.8
					06.82- 12.84	110812	12	2.0
<b>PASSENGER CARS AO</b>								
Ibiza 2.0	[AZL]	04.02- 04.04	115482	14 90	A49	04.02-	113842	12 2.0
		07.02-	111989	14 90				
		07.02-	112075	14 70				
<b>Sennebogen</b>								
<b>INDUSTRY</b>								
Various models						01.63- 12.65	110409	12 3.0
						09.82- 06.90	110536	12 2.7
<b>Setra</b>								
<b>TRUCKS EU</b>								
S 200 16.0		01.73-	111629	28 120				
S 208 5.7		01.79-	111629	28 120				
S 210 11.0		01.83-	111629	28 120				
S 215 HD 12.8	[OM402.925]	01.77-	111629	28 120				
S 313 12.0		09.91- 02.02	111833	28 140	w/ bushing in rear brackethole			
		09.91- 02.02	116063	28 140	w/o bushing in rear brackethole			
S 315 12.0		09.91- 02.02	111833	28 140	w/ bushing in rear brackethole			
		09.91- 02.02	116063	28 140	w/o bushing in rear brackethole			
S 315 14.6	[OM446.930]	09.91- 02.02	111833	28 140	w/ bushing in rear brackethole	09.91- 02.02	110206	24 5.4
		09.91- 02.02	116063	28 140	w/o bushing in rear brackethole			
S 317 14.6	[OM442.980]	09.91- 02.02	111833	28 140	w/ bushing in rear brackethole			
		09.91- 02.02	116063	28 140	w/o bushing in rear brackethole			
S 321 12.0		09.91- 02.02	111833	28 140	w/ bushing in rear brackethole			
		09.91- 02.02	116063	28 140	w/o bushing in rear brackethole			
S 328 14.6		09.91- 02.02	111833	28 140	w/ bushing in rear brackethole			
		09.91- 02.02	116063	28 140	w/o bushing in rear brackethole			
<b>SGMW</b>								
<b>PASSENGER CARS AO</b>								
Spark 0.8	[F8CV]	11.02-	111847	14 65				
<b>Shanghai GM</b>								
<b>PASSENGER CARS AO</b>								
Captiva 3.2	[LU1]	01.09-	114235	14 120				
<b>Sino</b>								
<b>TRUCKS EU</b>								
Various models							114435	24 7.5
<b>Sisu</b>								
<b>AGRICULTURE</b>								
SK 150 6.6	[611 CSBA]					09.81- 12.95	113484	24 4.0
<b>Ski-Doo</b>								
<b>MISCELLANEOUS</b>								
Various models							113681	12 0.6
<b>Skoda</b>								
<b>PASSENGER CARS EU</b>								
105 1.0	[742.1]	08.76- 12.90	110542	14 55				
110 1.1 L		12.69- 03.82	110542	14 55				
110 1.1 LS	[OHV]	07.70- 03.82	110542	14 55				
110 1.1 R	[OHV]	07.70- 03.82	110542	14 55				
120 1.2	[742.12]	10.83- 12.90	110542	14 55				
		08.76- 12.90	110542	14 55				
120 1.2 GLS	[742.12 X]	01.83- 12.90	110542	14 55				
120 1.2 L	[742.12]	08.87- 12.90	110542	14 55				
120 1.2 LS	[742.12 X]	08.76- 12.90	110542	14 55				
130 1.3	[135/8]	05.88- 10.91	110542	14 55				
	[742.13]	02.85- 10.91	110542	14 55				
		08.87- 10.91	110542	14 55				
Citigo 1.0	[CHYA]	10.11-	115695*	14 110		A25 10.11- 10.11-	115560	12 1.7
							115696	12 1.1
	[CHYB]	10.11-	115695*	14 110		A25 10.11- 10.11-	115560	12 1.7
							115696	12 1.1
Fabia 1.0	[AOV]	09.99- 08.02	112419	14 70		12.99-	112388	12 1.0
		09.99- 08.02	115483	14 120	A49			
		12.99- 08.02	112002	14 120	A47			
	[ARV]	12.99-	112002	14 120	▲	12.99-	112388	12 1.0
		12.99-	112274	14 90				
		12.99- 12.04	115483	14 120	A49			
	[ATY]	12.99-	112002	14 120	▲	12.99- 08.02	112388	12 1.0
		12.99-	112274	14 90				
		12.99- 08.02	115483	14 120	A49			
	[CHYA]					08.14-	115560	12 1.7
	[CHYB]					08.14-	115560	12 1.7
Fabia 1.2	[AWY]	08.02- 05.04	113253	14 90		08.02- 05.04	113515	12 0.9
		Chas. 6Y-3-765553- 07.01-	113253	14 90				
		Chas. -6Y-3-765552 07.01-	113253	14 90	▲			
	[AZO]	Chas. 6Y-3-765553- 01.03-	113253	14 90		01.03-	113515	12 0.9
	[BBM]	03.07-	113253	14 90		03.07-	114034	12 1.0
	[BMD]	05.04-	113253	14 90		Chas. -6Y..5..240000 08.02- 10.04	113515	12 0.9
	[BME]					01.03-	113515	12 0.9
	[BZG]	03.07-	113253	14 90		03.07-	114034	12 1.0
	[CEVA]	03.07-	113253	14 90		03.07-	114034	12 1.0
	[CGPA]	03.07-	113253	14 90		03.07-	114034	12 1.0
	[CHFA]	03.07-	113253	14 90		03.07-	114034	12 1.0
	[CHTA]	03.07-	113253	14 90		03.07-	114034	12 1.0
Fabia 1.2 Praktik	[AWY]	08.02- 05.04	113253	14 90		08.02- 05.04	113515	12 0.9
	[BMD]	05.04-	113253	14 90		Chas. -6Y..5..240000 05.04- 10.04	113515	12 0.9
Fabia 1.2 16V	[CGPB]	11.11-	113253	14 90		11.11-	114034	12 1.0
						A25 11.11-	115401	12 2.2
Fabia 1.2 TSi	[CBZA]	03.10-	115765	14 140		A25 03.10-	115401	12 2.2
	[CBZB]	03.10-	115765	14 140		A25 03.10-	115401	12 2.2
						AT 03.10-	115611	12 1.1
	[CJZC]					08.14-	115560	12 1.7
	[CJZD]					08.14-	115560	12 1.7
Fabia 1.2 TDi	[CFWA]					A25 05.10-	115336	12 2.2



Fabia 1.4	[AME]	11.00- 05.03	112419	14 70		09.99- 05.03	112388	12 1.0
		11.00- 05.03	114797	14 120 A46				
		09.99- 05.03	112002	14 120 A47				
		09.99- 05.03	112274	14 90				
		09.99- 05.03	115483	14 120 A49				
	[AOW]	09.00- 05.03	112002	14 120 A47		09.99-	112388	12 1.0
		11.00- 05.03	114797	14 120 A46				
		12.99- 05.03	112274	14 90				
		12.99- 05.03	112419	14 70				
		12.99- 05.03	115483	14 120 A49				
	[ATZ]	11.00- 05.03	114797	14 120 A46		09.00-	112388	12 1.0
		07.01-	112419	14 70				
		09.99- 05.03	112002	14 120 A47				
		09.99- 01.01	112274	14 90				
		09.99- 01.01	115483	14 120 A49				
	[AZE]	04.00-	112002	14 120 A47		09.99- 08.02	112388	12 1.0
		04.00- 03.03	114797	14 120 A46				
		09.99-	112274	14 90				
		09.99-	112419	14 70				
		09.99- 03.03	115483	14 120 A49				
	[AZF]	04.00-	112002	14 120 A47		12.99- 08.02	112388	12 1.0
04.00- 03.03		114797	14 120 A46					
12.99-		112274	14 90					
12.99-		112419	14 70					
12.99- 03.03		115483	14 120 A49					
[BXW]	03.07-	112274	14 90		03.07-	114034	12 1.0	
	06.07-	113874	14 110		03.07-	115612	12 1.2	
[CGGB]	03.07-	112274	14 90		03.07-	114034	12 1.0	
	06.07-	113874	14 110		03.07-	115612	12 1.2	
Fabia 1.4 Praktik	[AME]	04.02- 05.03	112002	14 120 A47		09.99- 05.03	112388	12 1.0
		04.02- 05.03	114797	14 120 A46				
		09.99- 05.03	112274	14 90				
		09.99- 05.03	112419	14 70				
		09.99- 05.03	115483	14 120 A49				
	[AOW]	04.02- 05.03	112002	14 120 A47		12.99- 05.03	112388	12 1.0
		04.02- 05.03	114797	14 120 A46				
		12.99- 05.03	112274	14 90				
		12.99- 05.03	112419	14 70				
		12.99- 05.03	115483	14 120 A49				
	[ATZ]	04.02- 05.03	112002	14 120 A47		09.99- 01.01	112388	12 1.0
		04.02- 05.03	114797	14 120 A46				
09.99- 01.01		112274	14 90					
09.99- 01.01		112419	14 70					
09.99- 05.03		115483	14 120 A49					
Fabia 1.4 16V	[AUA]	10.99-	113874	14 110		09.99- 05.02	112435	12 1.1
		10.99-	115482	14 90 A49		06.02-	113515	12 0.9
		12.99-	113887	14 90		AT 09.99-	111823	12 1.1
		AC 11.00- 10.01	111989	14 90				
		AC 10.01-	112274	14 90				
	[AUB]	12.99-	113874	14 110		09.99- 05.02	112435	12 1.1
		12.99-	115482	14 90 A49		AT 09.99-	111823	12 1.1
		AC 10.01-	112274	14 90		06.02-	112388	12 1.0
		AC 09.99- 09.01	111989	14 90		06.02-	113515	12 0.9
	[BBY]	10.01- 05.04	112274	14 90		AT 12.99-	111823	12 1.1
		10.99-	113874	14 110		12.99- 05.02	112435	12 1.1
		10.99-	115482	14 90 A49		06.02-	113515	12 0.9
		12.99-	113887	14 90				
		AC 11.00- 10.01	111989	14 90				
	[BBZ]	AC 10.01-	112274	14 90				
		12.99-	113874	14 110		09.99- 05.02	112435	12 1.1
		12.99-	115482	14 90 A49		07.01-	113515	12 0.9
		AC 03.00- 09.01	111989	14 90		AT 09.99-	111823	12 1.1
		AC 10.01-	112274	14 90				
	[BKY]	10.01- 05.04	112274	14 90		12.99- 10.04	113515	12 0.9
		10.99-	113874	14 110		05.00- 04.07	114034	12 1.0
		10.99-	115482	14 90 A49		AT 05.00-	115542	12 1.1
		12.99-	113887	14 90		AT 05.00- 10.04	111823	12 1.1
AC 11.00- 10.01		111989	14 90					
Fabia 1.4 TSi	[CAVE]	05.10-	113861	14 110		05.10-	115612	12 1.2
		05.10-	114884	14 140				
Fabia 1.4 TDi	[AMF]	05.03-	113275	14 120		04.03-	111900	12 1.8
						04.03-	113842	12 2.0
Fabia 1.4 TDi Praktik	[BMS]					05.03- 11.04	115503	12 1.8 A49
						11.04-	115508	12 1.7 A49
						03.07-	113842	12 2.0
						03.07-	115508	12 1.7 A49
	[BNM]	10.05-	113275	14 120		10.05-	114062	12 1.7
		10.07-	112079	14 90 A47				
		10.07-	114789	14 90 A49				
	[BNV]	10.05-	113275	14 120		10.05-	113842	12 2.0
						10.05- 04.07	115508	12 1.7 A49
	[CUSA]					05.15-	115610	12 2.0
	[CUSB]					08.14-	115610	12 2.0
[CUTA]					08.14-	115610	12 2.0	
Fabia 1.4 TDi Praktik	[BNM]	10.05-	113275	14 120		10.05-	114062	12 1.7
Fabia 1.6	[BTS]	03.07-	114769	14 110		03.07-	114034	12 1.0
						03.07-	115612	12 1.2
Fabia 1.6 TDi	[CAVA]	03.07-	114769	14 110		03.07-	114034	12 1.0
						03.07-	115612	12 1.2
		04.10-	115370	14 110		04.10-	114299	12 1.7
				A25 04.10-	115336	12 2.2		
				AT 04.10-	115376	12 1.8		
				04.10-	115634	12 1.8		

## STARTERS & ALTERNATORS

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Application list

SKODA Continued

	[CAYB]	03.10-	113992	14 140		03.10-	114299	12 1.7
		03.10-	115370	14 110		A25 03.10-	115336	12 2.2
		03.10-	115433*	14 140		AT 03.10-	115376	12 1.8
						03.10-	115634	12 1.8
	[CAYC]	03.10-	113992	14 140		03.10-	114299	12 1.7
		03.10-	115370	14 110		A25 03.10-	115336	12 2.2
		03.10-	115433*	14 140		AT 03.10-	115376	12 1.8
						03.10-	115634	12 1.8
Fabia 1.9 SDi	[ASY]	09.99- 04.07	115483	14 120 A49	Chas. -6Y-5-240000	12.99-	112438	12 2.0
		11.99-	112002	14 120 A47	Chas. 6Y-5-240001	11.99-	114062	12 1.7
		11.99-	112079	14 90 A47				
		11.99-	114789	14 90 A49				
		11.99-	114797	14 120 A46				
		12.99-	113340	14 70				
Fabia 1.9 TDi	[ATD]	01.00-	112002	14 120 A47	Chas. -6Y-3-765552	09.00-	111900	12 1.8
		01.00-	112079	14 90 A47		09.99- 10.05	115503	12 1.8 A49
		01.00- 10.05	114789	14 90 A49		11.04- 04.07	115508	12 1.7 A49
		01.00- 10.05	114797	14 120 A46		01.00-	113842	12 2.0
		09.99- 04.07	115483	14 120 A49				
		12.99-	113340	14 70				
	[AXR]	08.00- 12.07	115483	14 120 A49		10.05- 12.07	111900	12 1.8
		09.00- 12.07	112002	14 120 A47		09.00-	113842	12 2.0
		09.00- 12.07	112079	14 90 A47		08.00- 12.07	115503	12 1.8 A49
		09.00- 12.07	113340	14 70		10.05- 12.07	115508	12 1.7 A49
		09.00- 12.07	114789	14 90 A49				
	[BLS]	03.07-	112002	14 120 A47		03.07-	113842	12 2.0
		03.07-	115483	14 120 A49		03.07-	115508	12 1.7 A49
		10.07-	112079	14 90 A47				
		10.07-	113340	14 70				
		10.07-	114789	14 90 A49				
	[BSW]	03.07-	112002	14 120 A47		03.07-	113842	12 2.0
		10.07-	112079	14 90 A47		10.07-	115508	12 1.7 A49
		10.07-	113340	14 70				
		10.07-	114789	14 90 A49				
		10.07-	115483	14 120 A49				
Fabia 1.9 TDi RS	[ASZ]	06.03-	112002	14 120 A47		06.03-	112429	12 2.0
		06.03-	112079	14 90 A47		06.03-	113841	12 1.7
		06.03-	113340	14 70				
		06.03- 10.05	114789	14 90 A49				
		06.03- 10.05	114797	14 120 A46				
		06.03- 10.05	115483	14 120 A49				
	[BLT]	10.05- 04.07	112002	14 120 A47		10.05- 04.07	112429	12 2.0
		10.05- 04.07	112079	14 90 A47				
		10.05- 04.07	113340	14 70				
		10.05- 04.07	114789	14 90 A49				
		10.05- 04.07	115483	14 120 A49				
Fabia 2.0	[AOY]	06.99- 03.02	115482	14 90 A49		12.99-	111909	12 1.1
		06.99- 03.02	115483	14 120 A49		06.99- 03.02	115504	12 1.1 A49
		12.99-	111989	14 90				
		12.99-	112002	14 120 A47				
	[AZL]	07.00- 04.07	115482	14 90 A49		07.00-	112005	12 1.1
		11.00-	111989	14 90				
		11.00-	112075	14 70				
Favorit 1.3	[135B]	12.92- 06.97	110622	14 70		12.92- 06.97	111214	12 1.0
	[136B]	12.92- 06.97	110622	14 70		12.92- 06.97	111214	12 1.0
	[136L]	09.88- 09.94	110622	14 70		10.90- 09.94	111214	12 1.0
	[781.135]	09.88- 09.94	110622	14 70		09.88- 09.94	111214	12 1.0
	[781.135E]	09.88- 09.94	110622	14 70		01.90- 09.94	111214	12 1.0
	[OHV]	09.88- 09.94	110622	14 70		09.88- 09.94	111214	12 1.0
Felicia 1.3	[AMJ]	08.95- 03.98	110622	14 70		10.94- 06.01	111214	12 1.0
		ACPS 10.94- 03.98	112387	14 90				
	[135B]	10.94- 12.98	110622	14 70 ▲		10.94-	111214	12 1.0
		PS 10.94-	112387	14 90				
	[135L]	10.94- 03.98	110622	14 70		10.94- 03.98	111214	12 1.0
		ACPS 10.94- 03.98	112387	14 90				
	[136B]	10.94- 12.98	110622	14 70 ▲		10.94-	111214	12 1.0
		PS 10.94-	112387	14 90				
	[AMG]	PS 08.96- 12.98	112387	14 90		08.96- 12.98	111214	12 1.0
		ACPS 03.98- 06.01	112387	14 90				
	[AMH]	08.96- 12.98	110622	14 70		08.96- 12.98	111214	12 1.0
		PS 03.98- 06.01	112387	14 90				
Felicia 1.3 Fun	[135B]	06.97-	110622	14 70		06.97-	111214	12 1.0
		ACPS 06.97-	112387	14 90				
	[135M]	06.97-	110622	14 70		06.97-	111214	12 1.0
		ACPS 06.97-	112387	14 90				
	[136B]	06.97-	110622	14 70		06.97-	111214	12 1.0
		ACPS 06.97-	112387	14 90				
	[136M]	11.94-	110622	14 70		06.97-	111214	12 1.0
		06.97-	112387	14 90				
	[AMG]	06.97-	110622	14 70		06.97-	111214	12 1.0
		06.97-	112387	14 90				
	[AMH]	06.97-	110622	14 70		06.97-	111214	12 1.0
		06.97-	112387	14 90				
Felicia 1.3 LX	[135B]	11.94- 12.98	110622	14 70 ▲		08.95-	111214	12 1.0
		PS 08.95-	112387	14 90				
	[AMG]	08.96- 12.98	110622	14 70 ▲		08.95- 03.98	111214	12 1.0
Felicia 1.3 LXi	[136B]	11.94- 12.98	110622	14 70 ▲		08.95-	111214	12 1.0
		PS 08.95-	112387	14 90				
	[AMH]	ACPS 08.95- 03.98	112387	14 90		08.96- 12.98	111214	12 1.0
Felicia 1.6	[AEE]	05.95- 08.01	111352	14 70		05.95- 08.01	111214	12 1.0
		08.95-	111820	14 90				
		03.98- 06.01	111353	14 70				
		03.98- 06.01	111477	14 90				
		PS 05.95- 08.01	111353	14 70				
		PS 06.97-	111820	14 90				
		AC 05.95- 08.01	111477	14 90				

## STARTERS & ALTERNATORS



Felicia 1.6 GLX	[AEE]	08.95-	111352	14	70	08.95-	111214	12	1.0
		PS 08.95-	111820	14	90				
		AC 08.95-	111477	14	90				
Felicia 1.6 LX	[AEE]	08.95- 03.98	111352	14	70	08.95- 03.98	111214	12	1.0
		PS 08.95- 03.98	111820	14	90				
		AC 08.95- 03.98	111477	14	90				
	[EA111]	08.95-	111352	14	70	08.95-	111214	12	1.0
		PS 08.95-	111820	14	90				
		AC 08.95-	111477	14	90				
Felicia 1.9 Diesel	[AEF]	09.96-	111676	14	90	05.96- 08.01	112236	12	1.8
Forman 1.3	[781.135]	12.91- 12.95	110622	14	70	12.91- 06.95	111214	12	1.0
	[781.135E]	12.92- 12.95	110622	14	70	09.91- 06.95	111214	12	1.0
	[OHC]	08.91- 12.95	110622	14	70	08.91- 06.95	112388	12	1.0
Forman 1.3 4WD	[136B]					01.94- 06.95	111214	12	1.0
Octavia 1.0 TSi	[CHZD]					05.16-	115612	12	1.2
						05.16-	115818	12	1.1
Octavia 1.2 TSi	[CBZB]	02.10-	115765	14	140	02.10-	114175	12	1.1
						02.10-	115612	12	1.2
	[CJZA]					11.12-	115610	12	2.0
						11.12-	115612	12	1.2
	[CJZB]					11.12-	115945*	12	2.0
						11.12-	115610	12	2.0
	[CYVB]					11.12-	115612	12	1.2
						11.12-	115945*	12	2.0
						05.15-	115610	12	2.0
						05.15-	115945*	12	2.0
Octavia 1.4	[AMD]	AC 04.99-	112273	14	70	04.99-	112388	12	1.0
	[AXP]	08.00-	112075	14	70	08.00- 01.02	115504	12	1.1 A49
		08.00- 01.02	115482	14	90 A49	08.00-	111909	12	1.1
	[BCA]	AC 08.00-	111989	14	90				
		06.04-	111989	14	90	05.04- 05.06	114034	12	1.0
		06.04-	112075	14	70	08.00-	111909	12	1.1
		06.04-	115482	14	90 A49	08.00-	115504	12	1.1 A49
	[BUD]	06.04-	113874	14	110	06.04-	114034	12	1.0
	[CCGA]	05.06-	113874	14	110	05.06-	114034	12	1.0
	[CGGA]	06.04-	113874	14	110	06.04-	114034	12	1.0
Octavia 1.4 16V	[AXP]	09.00-	112075	14	70	09.00-	115504	12	1.1 A49
		09.00-	115482	14	90 A49	09.00-	111909	12	1.1
	[BCA]	AC 09.00-	111989	14	90				
		09.00-	112075	14	70	09.00-	111909	12	1.1
		09.00-	113887	14	90	09.00-	115504	12	1.1 A49
Octavia 1.4 TSi	[CAXA]	11.08-	113861	14	110	11.08-	114163	12	1.1
		11.08-	114884	14	140	AT 11.08-	115611	12	1.1
						11.08-	115612	12	1.2
	[CHPA]					11.12-	115612	12	1.2
	[CHPB]					08.14-	115818	12	1.1
	[CZDA]					08.14-	115818	12	1.1
Octavia 1.4 TSi G-TEC	[CPWA]					11.13-	115818	12	1.1
Octavia 1.6	[AEE]	09.96-	111820	14	90	09.96-	111748	12	1.1
		09.96- 09.00	115482	14	90 A49	09.96-	112236	12	1.8
		Chas. 1U-W-113661- 09.96- 09.00	111989	14	90	09.96- 08.02	115504	12	1.1 A49
		Chas. 1U-W-113661- 09.96- 09.00	112075	14	70	09.96- 08.02	111909	12	1.1
		Chas. -1U-W-113660 09.96-	111820	14	90				
	[AEH]	02.97-	112002	14	120 A47	02.97- 05.98	111748	12	1.1
		02.97-	114797	14	120 A46	05.98- 08.02	111909	12	1.1
		02.97- 09.04	115482	14	90 A49	02.97- 08.02	115504	12	1.1 A49
		02.97- 09.04	115483	14	120 A49				
		06.98-	111989	14	90				
	[AKL]	06.98-	112075	14	70				
		02.97-	112002	14	120 A47	04.97- 08.02	115504	12	1.1 A49
		02.97-	114797	14	120 A46	06.98- 09.02	111909	12	1.1
		04.97-	115482	14	90 A49	05.97- 06.98	111748	12	1.1
		04.97-	115483	14	120 A49				
	[AVU]	06.98-	111989	14	90				
		06.98-	112075	14	70				
		09.00-	111989	14	90	AT 08.00- 08.02	111909	12	1.1
		09.00-	112002	14	120	08.00- 04.02	115504	12	1.1 A49
		09.00- 04.02	115482	14	90 A49				
	[BFO]	09.00- 04.02	115483	14	120 A49				
		11.00-	112402	14	120				
		08.00-	115482	14	90 A49	09.00-	111909	12	1.1
		08.00-	115483	14	120 A49	08.00- 08.02	115504	12	1.1 A49
		09.00-	111989	14	90				
	[BGU]	09.00-	112002	14	120 A47				
		06.04-	111989	14	90	AT 06.04-	113773	12	1.1
		06.04-	113992	14	140	06.04-	114176	12	1.0
		06.04-	115482	14	90 A49	06.04-	115612	12	1.2
		06.04-	115621	14	110				
	[BSE]	06.04-	111989	14	90	AT 06.04-	113773	12	1.1
		06.04-	113992	14	140	06.04-	114176	12	1.0
		06.04-	115482	14	90 A49	06.04-	115612	12	1.2
		06.04-	115621	14	110				
	[BSF]	06.04-	111989	14	90	AT 06.04-	113773	12	1.1
		06.04-	113992	14	140	06.04-	114176	12	1.0
		06.04-	115482	14	90 A49	06.04-	115612	12	1.2
		06.04-	115621	14	110				
	[CCSA]	06.04-	111989	14	90	AT 06.04-	113773	12	1.1
		06.04-	113992	14	140	06.04-	114176	12	1.0
06.04-		115482	14	90 A49	06.04-	115612	12	1.2	
06.04-		115621	14	110					
[CMXA]	06.04-	111989	14	90	AT 06.04-	113773	12	1.1	
	06.04-	113992	14	140	06.04-	114176	12	1.0	
	06.04-	115482	14	90 A49	06.04-	115612	12	1.2	
	06.04-	115621	14	110					
[CWVA]					01.14-	115696	12	1.1	

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Octavia 1.6 FSi	[BLF]	06.04-	114769	14 110		06.04-	113773	12 1.1			
						AT 06.04-	111909	12 1.1			
						06.04-	114163	12 1.1			
						06.04-	115504	12 1.1			
Octavia 1.6	[CCSA]	01.08-	113992	14 140		01.08-	114176	12 1.0			
	[CMXA]	01.08-	113992	14 140		01.08-	115612	12 1.2			
Octavia 1.6 LPG	[CHGA]	08.09-	111989	14 90		08.09-	114176	12 1.0			
		08.09-	115482	14 90	A49						
Octavia 1.6 TDi	[CAYC]	06.09-	113992	14 140		06.09-	114299	12 1.7			
						AT 06.09-	115376	12 1.8			
						A25 06.09-	115336	12 2.2			
						06.09-	115634	12 1.8			
	[CLHA]	11.12-					A25 11.12-	115336	12 2.2		
							11.12-	115610	12 2.0		
							AT7S 11.12-	115634	12 1.8		
							11.12-	115336	12 2.2		
	[CLHB]	11.12-					A25 11.12-	115336	12 2.2		
							11.12-	115610	12 2.0		
							AT7S 11.12-	115634	12 1.8		
							11.12-	115336	12 2.2		
[CRKB]	05.13-					05.13-	115336	12 2.2			
Octavia 1.6 TDi 4x4	[CAYC]	06.09-	113992	14 140		06.09-	114299	12 1.7			
						AT 06.09-	115376	12 1.8			
						06.09-	115634	12 1.8			
[CLHA]	11.12-					A25 11.12-	115610	12 2.0			
						09.14-	115402	12 1.8			
						11.12-	115634	12 1.8			
[CXXB]	05.15-		115826	14 140		05.15-	115402	12 1.8			
Octavia 1.8	[AGN]	09.96-	111820	14 90		AT 09.96-	111748	12 1.1			
						09.96-	111989	14 90			
						06.98- 04.99	115482	14 90		A49	
[AT 09.96-]	05.98-					05.98-	112005	12 1.1			
						09.96- 04.99	115504	12 1.1			
Octavia 1.8 20V	[AGN]	07.98-	111820	14 90		05.98- 04.99	115504	12 1.1	A49		
						07.98-	111989	14 90			
						07.98- 04.99	115482	14 90		A49	
[AT 05.98-]	05.98-					05.98-	112005	12 1.1			
Octavia 1.8 TSi	[BZB]	06.07-	114722	14 140		06.07-	114163	12 1.1			
						06.07-	115612	12 1.2			
	[CDAB]	03.09-	114722	14 140			03.09-	114163	12 1.1		
							03.09-	115612	12 1.2		
	[CDAA]	06.07-	114722	14 140			06.07-	114163	12 1.1		
							AT 11.08-	115611	12 1.1		
	[CJSA]	11.12-					11.12-	115818	12 1.1		
							11.12-	115944	12 1.7		
[CJSB]	11.12-					11.12-	115818	12 1.1			
						11.12-	115944	12 1.7			
Octavia 1.8 TSi 4x4	[CDAB]	03.09-	114722	14 140		03.09-	113773	12 1.1			
						09.14-	115818	12 1.1			
						09.14-	115944	12 1.7			
						11.12-	115818	12 1.1			
[CJSA]	11.12-					11.12-	115944	12 1.7			
						11.12-	115944	12 1.7			
Octavia 1.8 Turbo 20V RS	[AUG]	08.00- 09.04	115482	14 90	A49	6SP 08.00-	112005	12 1.1			
						08.00- 09.04	115483	14 120		A49	
						01.01-	111989	14 90			
						05.01-	112002	14 120			
Octavia 1.8 Turbo	[AGU]	08.97-	111989	14 90		AT 08.97-	111909	12 1.1			
						08.97-	112002	14 120		A47	
						08.97-	114797	14 120		A46	
						08.97-	115482	14 90		A49	
						08.97-	115483	14 120		A49	
						03.98-	112075	14 70			
	[ARX]	08.97-	111989	14 90			08.97-	112005	12 1.1		
							08.97-	112002	14 120		A47
							08.97-	114797	14 120		A46
							06.98-	112075	14 70		
							07.98- 01.06	115482	14 90		A49
							07.98- 01.06	115483	14 120		A49
	[ARZ]	01.00- 07.00	111989	14 90			05.98-	112005	12 1.1		
							01.00-	112075	14 70		
							07.98- 07.00	115482	14 90		A49
[AUM]	08.97-	111989	14 90			AT 08.97-	111909	12 1.1			
						08.97-	112002	14 120		A47	
						08.97-	114797	14 120		A46	
						06.98-	112075	14 70			
						07.98-	115482	14 90		A49	
						07.98-	115483	14 120		A49	
Octavia 1.8 Turbo 4x4	[AGU]	08.00- 09.04	111989	14 90		AT 05.01-	111909	12 1.1			
						08.00- 09.04	112075	14 70			
						08.00- 09.04	115482	14 90		A49	
						08.00- 09.04	115483	14 120		A49	
						05.01-	112002	14 120		A47	
						05.01-	114797	14 120		A46	
[ARX]	08.00- 09.04	115482	14 90	A49		05.01-	112005	12 1.1			
						08.00- 09.04	115483	14 120		A49	
						05.01-	111989	14 90			
						05.01-	112002	14 120		A47	
						05.01-	112075	14 70			
						05.01-	114797	14 120		A46	

## STARTERS & ALTERNATORS



	[AUM]	08.00- 09.04	115482	14 90 A49	AT 05.01-	111909	12 1.1
		08.00- 09.04	115483	14 120 A49	05.01-	112005	12 1.1
		05.01-	111989	14 90	08.00- 09.04	115504	12 1.1 A49
		05.01-	112002	14 120 A47			
		05.01-	112075	14 70			
		05.01-	114797	14 120 A46			
Octavia 1.8 Turbo RS	[AUQ]	08.02-	112002	14 120 A47	01.03- 09.04	112005	12 1.1
		08.02-	114797	14 120 A46			
		01.03- 09.04	111989	14 90			
		01.03- 09.04	112075	14 70			
		01.03- 09.04	115482	14 90 A49			
		01.03- 09.04	115483	14 120 A49			
Octavia 1.9 SDI	[AGP]	06.97- 12.03	114789	14 90 A49	06.97-	112286	12 1.7
		06.97-	114797	14 120 A46			
		06.98- 07.00	115483	14 120 A49			
		07.98- 12.03	112002	14 120			
		07.98- 12.03	112079	14 90			
		Chas. 1UW113661-	06.97-	112002			
		Chas. 1UW113661-	06.97-	112079			
		Chas. 1UW113661-	06.98-	113340			
	[AQM]	08.00-	112002	14 120 A47	11.01-	111748	12 1.1
		08.00- 12.03	114797	14 120 A46	06.97- 10.01	112286	12 1.7
		08.00- 12.03	115483	14 120 A49			
		06.97-	112079	14 90 A47			
		06.97- 12.03	114789	14 90 A49			
		06.98-	113340	14 70			
		Chas. 06.97-	112002	14 120 A47			
		Chas. 06.97-	114797	14 120 A46			
Octavia 1.9 TDI	[AGR]	09.96-	112002	14 120 A47	AT 11.01-	111748	12 1.1
		09.96-	112079	14 90 A47	09.96-	111900	12 1.8
		09.96-	114789	14 90 A49	09.96-	115503	12 1.8 A49
		09.96-	114797	14 120 A46	AT 09.96- 10.01	112286	12 1.7
		07.98-	113340	14 70			
		10.99-	115483	14 120 A49			
	[AHF]	08.97-	112002	14 120 A47	AT 11.01-	111748	12 1.1
		08.97-	112079	14 90 A47	08.97-	111900	12 1.8
		08.97-	113340	14 70	AT 08.97- 10.01	112286	12 1.7
		08.97- 09.04	114789	14 90 A49	08.97- 01.06	115503	12 1.8 A49
		08.97- 09.04	114797	14 120 A46			
		08.97- 01.06	115483	14 120 A49			
	[ALH]	08.00-	113340	14 70	AT 09.96- 10.01	112286	12 1.7
		08.00-	115483	14 120 A49	AT 11.01-	111748	12 1.1
		09.96-	112002	14 120 A47	08.00-	111900	12 1.8
		09.96-	112079	14 90 A47	08.00-	115503	12 1.8 A49
		09.96-	114789	14 90 A49			
		09.96-	114797	14 120 A46			
	[ASV]	08.00- 09.04	113340	14 70	AT 07.98- 09.04	112286	12 1.7
		08.00- 01.06	115483	14 120 A49	AT 11.01-	111748	12 1.1
		07.98- 09.04	112002	14 120 A47	07.98- 09.04	111900	12 1.8
		07.98- 09.04	112079	14 90 A47	08.00- 01.06	115503	12 1.8 A49
		07.98- 09.04	114789	14 90 A49			
		07.98-	114797	14 120 A46			
	[ASZ]	01.03-	112002	14 120 A47	01.03-	112429	12 2.0
		01.03-	112079	14 90 A47			
		01.03-	113340	14 70			
		01.03-	114789	14 90 A49			
		01.03-	114797	14 120 A46			
		01.03- 09.04	115483	14 120 A49			
	[ATD]	08.00-	112002	14 120 A47	08.00-	111900	12 1.8
		08.00-	112079	14 90 A47	08.00- 01.06	115503	12 1.8 A49
		08.00-	113340	14 70			
		08.00-	114789	14 90 A49			
		08.00- 01.06	115483	14 120 A49			
	[AXR]	08.00-	112002	14 120 A47	08.00-	111900	12 1.8
		08.00-	112079	14 90 A47	08.00-	115503	12 1.8 A49
		08.00-	113340	14 70			
		08.00-	114789	14 90 A49			
		08.00-	115483	14 120 A49			
	[BJB]	06.04-	113992	14 140	AT, 6 Speed 05.04-	113509	12 2.0
		06.04-	115370	14 110	06.04-	113842	12 2.0
					05.04-	115508	12 1.7 A49
					06.04-	115638	12 1.7
	[BKC]	06.04-	113992	14 140	AT 06.04-	113509	12 2.0
		06.04-	115370	14 110	06.04-	113842	12 2.0
					06.04- 02.06	115508	12 1.7 A49
					06.04-	115638	12 1.7
	[BLS]	06.04-	113992	14 140	06.04-	113842	12 2.0
		06.04-	115370	14 110	06.04-	115508	12 1.7 A49
					06.04-	115638	12 1.7
	[BXE]	03.06-	113992	14 140	03.06-	113842	12 2.0
		03.06-	115370	14 110	03.06-	115508	12 1.7 A49
					03.06-	113509	12 2.0
					03.06-	115638	12 1.7
Octavia 1.9 TDI 4x4	[AGR]	08.00-	113340	14 70	AT 11.99- 10.01	112286	12 1.7
		08.00- 09.00	115483	14 120 A49	AT 11.01-	111748	12 1.1
		11.99-	112002	14 120 A47	11.99-	111900	12 1.8
		11.99-	112079	14 90 A47	08.00- 09.00	115503	12 1.8 A49
		11.99- 09.00	114789	14 90 A49			
		11.99- 09.00	114797	14 120 A46			
	[ATD]	09.00-	112002	14 120 A47	09.00- 01.06	115503	12 1.8 A49
		09.00-	112079	14 90 A47	09.00-	111900	12 1.8
		09.00-	113340	14 70	6SP 09.00-	112005	12 1.1
		09.00-	114789	14 90 A49	09.00-	112429	12 2.0
		09.00-	114797	14 120 A46			
		09.00- 01.06	115483	14 120 A49			

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	[BKC]	11.04-	113992	14 140	AT	11.04-	113509	12 2.0	
		11.04-	115370	14 110		11.04-	113841	12 1.7	
						11.04-	113842	12 2.0	
						11.04-	115508	12 1.7	A49
	[BLS]	05.06-	113992	14 140		05.06-	113842	12 2.0	
		05.06-	115370	14 110		05.06-	115508	12 1.7	A49
	[BXE]	03.06-	113992	14 140					
		03.06-	115370	14 110					
Octavia 2.0	[AEG]	08.00- 01.05	115482	14 90 A49	AT	04.99-	111909	12 1.1	
		08.00- 01.05	115483	14 120 A49		04.99-	112005	12 1.1	
		04.99-	111989	14 90		08.00- 01.05	115504	12 1.1	A49
		04.99-	112002	14 120 A47					
		04.99-	112075	14 70					
		04.99-	114797	14 120 A46					
		AC	04.99-	111989	14 90				
	[APK]	04.99-	111989	14 90	AT	04.99-	111909	12 1.1	
		04.99-	112002	14 120 A47		04.99-	115504	12 1.1	A49
		04.99-	112075	14 70		04.99-	112005	12 1.1	
		04.99-	114797	14 120 A46					
		04.99-	115482	14 90 A49					
04.99-		115483	14 120 A49						
[AOY]	04.99-	111989	14 90	AT	04.99-	111909	12 1.1		
	04.99-	112002	14 120 A47		04.99-	112005	12 1.1		
	04.99-	112075	14 70		04.99- 03.02	115504	12 1.1	A49	
	04.99-	114797	14 120 A46						
	04.99- 03.02	115482	14 90 A49						
	04.99- 03.02	115483	14 120 A49						
[ATF]	01.00-	111989	14 90		01.00-	112005	12 1.1		
	01.00-	112002	14 120 A47						
	01.00-	112075	14 70						
	01.00-	114797	14 120						
	01.00-	115482	14 90 A49						
	01.00-	115483	14 120 A49						
[AZH]	04.99-	111989	14 90		04.99-	112005	12 1.1		
	04.99-	112002	14 120 A47						
	04.99-	112075	14 70						
	04.99-	114797	14 120 A46						
	04.99-	115482	14 90 A49						
	04.99-	115483	14 120 A49						
[AZJ]	04.99-	111989	14 90	AT	04.99-	111909	12 1.1		
	04.99-	112002	14 120 A47		04.99-	115504	12 1.1	A49	
	04.99-	112075	14 70		04.99-	112005	12 1.1		
	04.99-	114797	14 120 A46						
	04.99-	115482	14 90 A49						
	04.99-	115483	14 120 A49						
Octavia 2.0 4x4	[AEG]	08.00- 01.05	111989	14 90	AT	08.00- 01.05	111909	12 1.1	
		08.00- 01.05	112075	14 70		08.00- 01.05	115504	12 1.1	A49
		08.00- 01.05	115482	14 90 A49		08.00- 01.05	112005	12 1.1	
		08.00- 01.05	115483	14 120 A49					
		05.01-	112002	14 120 A47					
		05.01-	114797	14 120 A46					
	[AOY]	08.00- 03.02	111989	14 90	AT	08.00- 03.02	111909	12 1.1	
		08.00- 03.02	112075	14 70		08.00- 03.02	115504	12 1.1	A49
		08.00- 03.02	115482	14 90 A49		08.00- 03.02	112005	12 1.1	
		08.00- 03.02	115483	14 120 A49					
		05.01-	112002	14 120 A47					
		05.01-	114797	14 120 A46					
[AZH]	08.00- 09.04	111989	14 90		08.00- 09.04	112005	12 1.1		
	08.00- 09.04	112075	14 70						
	08.00- 09.04	115482	14 90 A49						
	08.00- 09.04	115483	14 120 A49						
	05.01-	112002	14 120 A47						
	05.01-	114797	14 120 A46						
[AZJ]	05.01-	112002	14 120 A47	AT	03.02- 09.04	112005	12 1.1		
	05.01-	114797	14 120 A46		03.02- 09.04	111909	12 1.1		
	03.02- 09.04	111989	14 90		03.02- 09.04	115504	12 1.1	A49	
	03.02- 09.04	112075	14 70						
	03.02- 09.04	115482	14 90 A49						
	03.02- 09.04	115483	14 120 A49						
Octavia 2.0 RS	[BWA]	01.06-	113992	14 140		01.06-	113773	12 1.1	
						01.06-	115900	12 1.1	
	[CCZA]	01.06-	113992	14 140		01.06-	115900	12 1.1	
Octavia 2.0 FSi	[BLR]	11.04- 11.05	113992	14 140	AT	11.04-	111909	12 1.1	
						11.04-	113773	12 1.1	
						11.04- 11.05	114163	12 1.1	
						11.04- 11.05	115504	12 1.1	A49
	[BLY]	11.04- 11.05	113992	14 140		11.04-	113773	12 1.1	
						11.04- 11.05	114163	12 1.1	
						11.05-	114163	12 1.1	
						11.04-	114163	12 1.1	
Octavia 2.0 FSi 4x4	[BLX]	11.04- 11.05	113992	14 140		11.04- 11.05	114163	12 1.1	
						11.04-	113773	12 1.1	
						11.04- 11.05	114163	12 1.1	
						11.05-	114163	12 1.1	
Octavia 2.0 TSI	[CHHB]				A25	11.12-	115561	12 1.7	
						05.13-	115561	12 1.7	
Octavia 2.0 TSi RS	[CHHA]					11.12-	115900	12 1.1	
						05.15-	115560	12 1.7	
Octavia 2.0 TDi 16V	[AZV]	02.04-	113992	14 140		05.15-	115561	12 1.7	
		02.04-	115370	14 110		05.15-	115900	12 1.1	

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	[BKD]	06.04- 06.04-	113992 115370	14 140 14 110		AT 05.04- 06.04- 08.04- 06.04- 08.04- 08.04-	113509 113841 113842 115311 115508 115638	12 2.0 12 1.7 12 2.0 12 1.7 12 1.7 12 1.7	
	[CFHC]	06.04- 06.04-	113992 115370	14 140 14 110		AT 05.04- 08.04- 08.04- 08.04- 08.04-	115638 113509 113841 113842 115311 115508	12 1.7 12 2.0 12 1.7 12 2.0 12 1.7 12 1.7	A49
	[CLCB]	06.04- 06.04-	113992 115370	14 140 14 110		AT 06.04- 05.04- 08.04- 08.04- 08.04- 08.04-	115638 113509 113841 113842 115311 115508	12 1.7 12 2.0 12 1.7 12 2.0 12 1.7 12 1.7	A49
Octavia 2.0 TDi 16V 4x4	[BMM]	07.06- 07.06-	113992 115370	14 140 14 110		5SP 08.04- 6SP 07.06-	113509 113841	12 2.0 12 1.7	
Octavia 2.0 TDi	[BMM]	11.05- 11.05-	113992 115370	14 140 14 110		04.06-	113841	12 1.7	
	[BMN]	04.06- 05.08 04.06- 05.08	113992 115370	14 140 14 110		04.06- 05.08 04.06- 05.08	115311 115638	12 1.7 12 1.7	
	[CEGA]	04.06-	113992	14 140		04.06-	115311	12 1.7	
	[CFHF]	04.06-	115370	14 110		04.06-	115638	12 1.7	
	[CFHF]	03.10-	113992	14 140		03.10-	115638	12 1.7	
	[CKFB]					A25 11.12- 11.12- 11.12- 11.12-	115402 115634 115638 116097*	12 1.8 12 1.8 12 1.7 12 2.0	
	[CKFC]					A25 11.12- 11.12- 11.12- 11.12- 11.12-	115402 115634 115638 116097* 115638	12 1.8 12 1.8 12 1.7 12 2.0 12 1.7	
	[CLCA]	03.10-	113992	14 140		03.10-	115638	12 1.7	
	[CRVC]					A25 11.12- 11.12- 11.12- 11.12- 11.12-	115402 115402 115634 115638 116097*	12 1.8 12 1.8 12 1.8 12 1.7 12 2.0	
	[CUNA]					A25 05.13-	115402	12 1.8	
	[CUPA]					A25 05.13-	115402	12 1.8	
Octavia 2.0 TDi 4x4	[CFHC]	05.10-	113992	14 140		05.10- 05.10-	113841 115638	12 1.7 12 1.7	
	[CFHF]	05.11-	113992	14 140		05.11-	113841	12 1.7	
	[CKFC]					09.14- 11.12- 11.12- 11.12-	115402 115634 115638 116097*	12 1.8 12 1.8 12 1.7 12 2.0	
	[CUNA, CUPA]					09.14-	115402	12 1.8	
	[CUPA]					09.14-	115402	12 1.8	
	[CUPA, CUNA]					09.14-	115402	12 1.8	
Praktik 1.2 TSi	[CBZA]	03.10-	115765	14 140		A25 03.10- 03.10- 03.10-	114034 115401 115611	12 1.0 12 2.2 12 1.1	
Praktik 1.2 TDi	[CFWA]					A25 03.10- 03.10-	115336 114299	12 2.2 12 1.7	
Rapid 1.2	[CGPC]	10.12-	113253	14 90		10.12-	114034	12 1.0	
Rapid 1.2 TSi	[CBZA]	10.12- 10.12- 10.12- 10.12-	115765 115767* 115765 115767*	14 140 14 140 14 140 14 140		A25 10.12- 10.12- 10.12- A25 10.12-	114034 115401 114034 115401	12 1.0 12 2.2 12 1.0 12 2.2	
Rapid 1.4 TSi	[CAXA]	07.12- 07.12- 10.12-	113861 114844* 114884	14 110 14 145 14 140		07.12-	115612	12 1.2	
Rapid 1.6	[CFNA]	07.13-	114769	14 110		07.13-	114034	12 1.0	
Rapid 1.6 TDi	[CAVB]	08.13- 08.13- 08.13- 08.13-	113992 115370 115433* 113992	14 140 14 110 14 140 14 140		08.13- 08.13- 08.13- 07.12-	114299 115944 115336 115336	12 1.7 12 1.7 12 2.2 12 2.2	
	[CAVC]	07.12- 07.12- 07.12- 10.12-	113992 115370 115433* 114769	14 140 14 110 14 140 14 110		07.12- 07.12- 07.12- 10.12-	115336 115944 114299 114034	12 2.2 12 1.7 12 1.7 12 1.0	
	[CLNA]	07.12- 07.12- 07.12- 10.12-	113992 115370 115433* 114769	14 140 14 110 14 140 14 110		07.12- 07.12- 07.12- 10.12-	114299 115336 115944 114034	12 1.7 12 2.2 12 1.7 12 1.0	
Rapid Spaceback 1.6	[CFNA]	07.12-	114769	14 110		07.12- 07.12-	114034 115401	12 1.0 12 2.2	
Roomster 1.2	[BZG]	01.07-	113253	14 90		01.07-	114034	12 1.0	
	[CGPA]	01.07-	113253	14 90		01.07-	114034	12 1.0	
Roomster 1.2 TSi	[CBZA]	03.10-	115765	14 140		A25 03.10- AT 03.10-	115401 115611	12 2.2 12 1.1	
	[CBZB]	03.10-	115765	14 140		A25 03.10- DKG 03.10- 03.10-	114034 115401 115611	12 1.0 12 2.2 12 1.1	
Roomster 1.2 TDi	[CFWA]	03.10-	115529	14 140		A25 03.10- 03.10-	114299 115336	12 1.7 12 2.2	
Roomster 1.4	[BXW]	09.06- AC 09.06-	113874 112274	14 110 14 90		09.06- 09.06-	115612 114034	12 1.2 12 1.0	
	[CGGB]	09.06- AC 09.06-	113874 112274	14 110 14 90		09.06- 09.06-	115612 114034	12 1.2 12 1.0	
Roomster 1.4 TDi	[BMS]	09.06-	112079	14 90	A47	09.06- 09.06-	113842 115508	12 2.0 12 1.7	A49

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	[BNM]	09.06-	112079	14 90 A47		09.06-	114062	12 1.7
	[BNV]					09.06-	113842	12 2.0
Roomster 1.6	[BTS]	09.06-	114769	14 110		09.06-	115508	12 1.7 A49
						09.06-	113773	12 1.1
						09.06-	113841	12 1.7
						09.06-	114034	12 1.0
						09.06-	115612	12 1.2
	[CFNA]	09.06-	114769	14 110		09.06-	113773	12 1.1
						09.06-	113846	12 2.2
						09.06-	114034	12 1.0
						09.06-	115612	12 1.2
Roomster 1.6 TDi	[CAYB]	03.10-	113992	14 140		03.10-	114299	12 1.7
		03.10-	115370	14 110	A25	03.10-	115336	12 2.2
		03.10-	115433*	14 140		03.10-	115634	12 1.8
	[CAYC]	03.10-	113992	14 140		03.10-	114299	12 1.7
		03.10-	115370	14 110	A25	03.10-	115336	12 2.2
		03.10-	115433*	14 140	AT	03.10-	115376	12 1.8
						03.10-	115634	12 1.8
Roomster 1.9 TDi	[AXR]	03.06- 05.06	112079	14 90 A47		03.06- 05.06	112438	12 2.0
		03.06- 05.06	113340	14 70		03.06- 05.06	113842	12 2.0
		03.06- 05.06	114789	14 90 A49		03.06- 05.06	115508	12 1.7 A49
	[BLS]	09.06-	112002	14 120 A47		09.06-	113842	12 2.0
		09.06-	112079	14 90 A47		09.06-	115508	12 1.7 A49
		09.06-	113340	14 70				
		09.06-	114789	14 90 A49				
		09.06-	114797	14 120 A46				
		09.06-	115483	14 120 A49				
	[BSW]	09.06-	112002	14 120 A47		09.06-	113842	12 2.0
		09.06-	112079	14 90 A47		09.06-	115508	12 1.7 A49
		09.06-	113340	14 70				
		09.06-	114789	14 90 A49				
		09.06-	115483	14 120 A49				
Superb 1.4 TSi	[CAXC]	07.08-	114884	14 140		07.08-	114163	12 1.1
		07.08-	115528	14 140		07.08-	115610	12 2.0
	[CZCA]					03.15-	115612	12 1.2
						03.15-	115818	12 1.1
	[CZDA]					03.15-	115612	12 1.2
						03.15-	115818	12 1.1
	[CZEA]					03.15-	115612	12 1.2
						03.15-	115818	12 1.1
Superb 1.4 TSi 4x4	[CZDA]					03.15-	115818	12 1.1
	[CZEA]					03.15-	115818	12 1.1
Superb 1.6 TDi	[CAYC]	09.10-	114109	14 180	A25	09.10-	115336	12 2.2
		09.10-	115433*	14 140		09.10-	114299	12 1.7
		09.10-	115712	14 180				
		09.10-	115730	14 140				
		A25 09.10-	115713	14 180				
	[DCXA]	03.15-	115826	14 140		03.15-	115336	12 2.2
						03.15-	115610	12 2.0
	[DCZA]	03.15-	115826	14 140		03.15-	115336	12 2.2
						03.15-	115610	12 2.0
Superb 1.8 TSi	[BZB]	07.08-	114722	14 140		07.08-	114163	12 1.1
						07.08-	115612	12 1.2
	[CDAB]	03.09-	114722	14 140		03.09-	114163	12 1.1
						03.09-	115611	12 1.1
						03.09-	115612	12 1.2
	[CDAA]	07.08-	114722	14 140		07.08-	114163	12 1.1
						07.08-	115612	12 1.2
	[CJSA]					03.15-	115560	12 1.7
	[CJSC]					03.15-	115560	12 1.7
Superb 1.8 TSi 4x4	[CDAB]	03.09-	114722	14 140		03.09-	114163	12 1.1
						03.09-	115611	12 1.1
						03.09-	115612	12 1.2
	[CDAA]	11.08-	114722	14 140		11.08-	114163	12 1.1
						11.08-	115612	12 1.2
Superb 1.8 Turbo 20V	[AWT]	02.02-	112399	14 90	Chas. -3U-4-066205	02.02-	112321	12 1.1
		02.02-	113283	14 120	Chas. 3U-4-066206-	02.02-	114179	12 1.2
Superb 1.9 TDi	[AVB]	02.02-	112397	14 120		02.02-	111694	12 1.8
	[AVF]	12.01-	112397	14 120		12.01-	111694	12 1.8
	[AWX]	12.01-	112397	14 120		12.01-	111694	12 1.8
	[BLS]	07.08- 11.10	113992	14 140		07.08- 11.10	113842	12 2.0
		07.08- 11.10	115730	14 140		07.08- 11.10	115508	12 1.7 A49
	[BPZ]					01.07- 03.08	114096	12 2.0
	[BXE]	07.08- 11.10	113992	14 140		07.08- 11.10	113842	12 2.0
		07.08- 11.10	115730	14 140		07.08- 11.10	115508	12 1.7 A49
Superb 2.0	[AZM]	02.02-	112399	14 90	Chas. -3U-4-066205	02.02-	112321	12 1.1
		02.02-	113283	14 120	Chas. 3U-4-066206-	02.02-	114179	12 1.2
	[BWW]					02.06- 04.08	114096	12 2.0
Superb 2.0 TSi	[CCZA]	05.10-	114722	14 140		05.10-	115610	12 2.0
						05.10-	115900	12 1.1
	[CHHB]					03.15-	115561	12 1.7
						03.15-	115900	12 1.1
Superb 2.0 TSi 4x4	[CJXA]					03.15-	115561	12 1.7
						03.15-	115900	12 1.1
Superb 2.0 TDi 16V 4x4	[CFFB]	11.10-	114109	14 180		11.10-	115311	12 1.7
		11.10-	115433*	14 140		11.10-	115402	12 1.8
		11.10-	115730	14 140		11.10-	115638	12 1.7
Superb 2.0 TDi	[BKD]	01.09-	115433*	14 140		09.09-	113509	12 2.0
		01.09-	115730	14 140		01.09-	115311	12 1.7
						01.09-	115638	12 1.7
	[BMP]	07.08-	113992	14 140		07.08-	113509	12 2.0
		07.08-	115730	14 140		07.08-	113841	12 1.7
						10.09-	115611	12 1.1
	[BSS]					10.05-	114096	12 2.0

## STARTERS & ALTERNATORS



	[CBBB]	07.08- 07.08- 07.08-	113992 115433* 115730	14 140 14 140 14 140		07.08- 07.08- 07.08- 07.08-	113509 113841 115311 115638	12 2.0 12 1.7 12 1.7 12 1.7	
	[CFFB]	03.10- 03.10- 03.10-	114109 115433* 115730	14 180 14 140 14 140		03.10- 03.10- 03.10- 03.10-	115311 115638 113509 113841	12 1.7 12 1.7 12 2.0 12 1.7	
	[CFGB]	07.08- 07.08- 07.08- 10.09- 10.09-	113992 115433* 115730 115712 115713	14 140 14 140 14 140 14 180 14 180		07.08- 07.08- 07.08- 07.08-	113509 113841 115311 115638	12 2.0 12 1.7 12 1.7 12 1.7	
	[CLJA]	02.10- 02.10- 02.10-	114109 115433* 115730	14 180 14 140 14 140		02.10- 02.10- 02.10-	115311 115638 113509	12 1.7 12 1.7 12 2.0	
	[CRLB]	03.15-	115826	14 140		03.15- 03.15-	115638 116097*	12 1.7 12 2.0	
	[DDAA]	03.15-	115826	14 140		03.15- 03.15-	115638 116097*	12 1.7 12 2.0	
	[DFCA]	03.15-	115826	14 140		03.15- 03.15-	115638 116097*	12 1.7 12 2.0	
	[DFEA]	03.15-	115826	14 140		03.15- 03.15-	115638 116097*	12 1.7 12 2.0	
Superb 2.0 TDi 4x4	[CBBB]	09.08- 09.08- 09.08-	113992 115433* 115730	14 140 14 140 14 140		09.08- 10.09-	115311 115638	12 1.7 12 1.7	
	[CFGB]	09.08- 09.08- 09.08-	113992 115433* 115730	14 140 14 140 14 140		09.08- 10.09-	115638 115311	12 1.7 12 1.7	
	[CRLB]	03.15-	115826	14 140		03.15- 03.15-	115402 116097*	12 1.8 12 2.0	
	[DDAA]	03.15-	115826	14 140		03.15- 03.15-	115638 116097*	12 1.7 12 2.0	
	[DFCA]	03.15-	115826	14 140		03.15- 03.15-	115638 116097*	12 1.7 12 2.0	
	[DFEA]	03.15-	115826	14 140		03.15- 03.15-	115402 116097*	12 1.8 12 2.0	
Superb 2.5 TDi	[AYM]					12.01- 08.03	111995	12 2.0	
	[BDG]	06.03- 06.03-	113510 113758	14 140 14 120		06.03-	111995	12 2.0	
Superb 2.8 V6	[AMX]	12.01-	112399	14 90		12.01-	111769	12 1.4	
Superb 3.6 4x4	[CDVA]	11.08-	115730	14 140		11.08- 11.08- 11.08- 11.08-	113509 113773 115311 115610	12 2.0 12 1.1 12 1.7 12 2.0	
Superb 3.6 V6 4x4	[CDVA]	10.09- 10.09-	114697 115730	14 180 14 140		10.09- 10.09-	113509 115610	12 2.0 12 2.0	
Yeti 1.2 TSi	[CBZB]	09.09-	115765	14 140		09.09- AT 09.09- 09.09-	114175 115611 115612	12 1.1 12 1.1 12 1.2	
	[CYVB]					05.15-	115818	12 1.1	
Yeti 1.4 TSi	[CAXA]	06.10- 06.10-	114884 115528	14 140 14 140		06.10-	114163	12 1.1	
Yeti 1.6 TDi	[CAYC]	11.10-	115433*	14 140		11.10-	115336	12 2.2	
Yeti 1.8 TSi	[CDAB]	05.09-	114722	14 140		05.09- 05.09-	113773 115900	12 1.1 12 1.1	
Yeti 1.8 TSi 4x4	[CDAB]					11.09-	113773	12 1.1	
	[CDAA]	05.09-	114722	14 140		05.09- 05.09-	113773 115900	12 1.1 12 1.1	
Yeti 2.0 TDi	[CFHA]	11.09- 11.09- 11.09-	113992 114722 115433*	14 140 14 140 14 140		11.09-	113841	12 1.7	
	[CFHC]	11.11- 11.11- 11.11-	113992 115370 115433*	14 140 14 110 14 140		11.11- A25 11.11-	113841 115402	12 1.7 12 1.8	
Yeti 2.0 TDi 4x4	[CBDB]	05.09- 11.09 05.09- 11.09 05.09- 11.09	113992 114722 115433*	14 140 14 140 14 140		05.09- 11.09 05.09- 11.09	113841 115638	12 1.7 12 1.7	
	[CEGA]	11.09- 05.10 11.09- 05.10 11.09- 05.10	113992 114722 115433*	14 140 14 140 14 140		11.09- 05.10	113841	12 1.7	
	[CFHC]	11.09- 11.09- 11.09-	113992 115370 115433*	14 140 14 110 14 140		11.09- 11.09-	113841 115638	12 1.7 12 1.7	
	[CFHF]	11.09-	115433*	14 140		11.09-	113841	12 1.7	
	[CFJA]	05.10- 05.10- 05.10-	113992 115370 115433*	14 140 14 110 14 140		05.10-	113841	12 1.7	
	[CLCA]	11.09- 11.09- 11.09-	113992 114722 115433*	14 140 14 140 14 140		11.09-	113841	12 1.7	
	[CLCB]	05.09- 11.09 05.09- 11.09 05.09- 11.09	113992 114722 115433*	14 140 14 140 14 140		05.09- 11.09 05.09- 11.09	113841 115638	12 1.7 12 1.7	
<b>PASSENGER CARS AO</b>									
Fabia 1.0	[AOV]	11.00- 08.02 11.00- 08.02	112002 115483	14 120 A47 14 120 A49		11.00- 08.02	112388	12 1.0	
	[ARV]	11.00- 08.02 11.00- 08.02	112002 115483	14 120 A47 14 120 A49		11.00- 08.02	112388	12 1.0	
Superb 3.6 FSI 4x4						04.09-	115610	12 2.0	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



## Application list

Smart (MCC)											
PASSENGER CARS EU											
Cabrio 0.6	[M160.920]	06.02- 01.04	112384	14	75	With B+, D+, PHIN connection	06.02- 01.04	112380#	12	0.8	A49
							06.02- 01.04	115951	12	0.8	
Cabrio 0.7	[M160.910]	01.03- 01.04	112384	14	75	With B+, D+, PHIN connection	01.03- 01.04	112380#	12	0.8	A49
							01.03- 01.04	115951	12	0.8	
City 0.6	(MCO1)[M160.920]	06.02- 01.04	112384	14	75	With B+, D+, PHIN connection	06.02- 01.04	112380#	12	0.8	A49
							06.02- 01.04	115951	12	0.8	
City 0.7	[M160.910]	01.03- 01.04	112384	14	75	With B+, D+, PHIN connection	01.03- 01.04	112380#	12	0.8	A49
							01.03- 01.04	115951	12	0.8	
City 0.8 CDI	(450..)[OM660.940]	11.99- 01.04	114040	14	85		11.99- 01.04	114051	12	1.0	
	(450..)[OM660DE8LA]	11.99- 01.04	114040	14	85		11.99- 01.04	114051	12	1.0	
Crossblade 0.6	[M160.920]	10.02-	112384	14	75	With B+, D+, PHIN connection	10.02-	112380#	12	0.8	A49
							06.02-	115951	12	0.8	
Forfour 0.9	(453)[M281.910]	11.14-	116095*	14	90						
Forfour 1.0	(453)[M281.920]	07.14-	116095*	14	90						
Forfour 1.1	[M134.910]						04.04-	114108	12	0.9	
	(454)[M134.911]	01.06-	115441	14	85		01.06-	114108	12	0.9	
Forfour 1.3	[M135.930]						04.04-	114108	12	0.9	
Forfour 1.5	(454)[135.950]						04.04-	114108	12	0.9	
Forfour 1.5 Brabus	(454)[M122.950]						05.05-	114108	12	0.9	
Forfour 1.5 Sportsstyle	(454)[M135.950]	01.04-	115441	14	85		01.04-	114108	12	0.9	
Forfour 1.5 CDI	(454)[OM639.939]	09.04-	114406	14	115		09.04- 06.07	114183	12	1.8	
Fortwo 0.7	(450)[M160.910]	01.04- 01.07	112384	14	75		01.04- 01.07	112380#	12	0.8	A49
							01.04- 01.07	115951	12	0.8	
		01.04-	112384	14	75	With B+, D+, PHIN connection	01.04-	112380#	12	0.8	A49
							01.04-	115951	12	0.8	
Fortwo 0.8 CDI	(450..)[OM660.940]	01.04- 03.07	114040	14	85		01.04- 03.07	114051	12	1.0	
	(451)[OM660.950]	01.07-	115746	14	90						
		01.07-	115952*	14	90		01.07-	114051	12	1.0	
	(451)[OM660.951]	08.09-	115746	14	90		08.09-	114051	12	1.0	
		08.09-	115952*	14	90						
	(450..)[OM660DE8LA]	01.04- 03.07	114040	14	85		01.04- 03.07	114051	12	1.0	
Fortwo 0.9	(453)[M281.910]	09.14-	116095*	14	90						
Fortwo 1.0	(451)[M132.910]	01.07-	114472	14	90						
		A25 01.07-	114045	14	120		01.07-	114487	12	1.0	
	(453)[M281.920]	07.14-	116095*	14	90						
Fortwo 1.0 Brabus	(451)[M132.930]	01.08-	114472	14	90		01.08-	114487	12	1.0	
Fortwo 1.0 Turbo	(451)[M132.930]	01.07-	114472	14	90		01.07-	114487	12	1.0	
Roadster 0.7	(452)[160.921]	04.03-	112384	14	75	With B+, D+, PHIN connection	08.03-	112380#	12	0.8	A49
							04.03-	115951	12	0.8	
	(452, 434)[160.922]	04.03-	112384	14	75	With B+, D+, PHIN connection	04.03-	112380#	12	0.8	A49
							04.03-	115951	12	0.8	
		04.03-	112384	14	75	With B+, D+, PHIN connection	04.03-	112380#	12	0.8	A49
							04.03-	115951	12	0.8	
	(452, 332)[M160.921]	06.03-	112384	14	75	With B+, D+, PHIN connection	06.03-	112380#	12	0.8	A49
							06.03-	115951	12	0.8	
Roadster 0.7 Brabus	[M160.923]	12.03-	112384	14	75	With B+, D+, PHIN connection	12.03-	112380#	12	0.8	A49
							12.03-	115951	12	0.8	
Smart 0.6	(MCO1)[M160.920]	01.01- 01.04	112384	14	75		01.01- 01.04	112380#	12	0.8	A49
		01.01- 01.04	114025	14	75		01.01- 01.04	115951	12	0.8	
		07.98- 01.04	112384	14	75		07.98- 01.04	112380#	12	0.8	A49
		07.98- 01.04	114025	14	75		07.98- 01.04	115951	12	0.8	
	[M160E6ALB03]	Chas. H182875- 07.98-	112384	14	75	With B+, D+, PHIN connection	07.98- 01.04	115951	12	0.8	
		Chas. -H182874 07.98-	114025	14	75	With B+, D+ connection	07.98-	112380#	12	0.8	A49
	[M160E6ALB04]	Chas. H182875- 07.98-	112384	14	75	With B+, D+, PHIN connection	07.98-	112380#	12	0.8	A49
		Chas. -H182874 07.98-	114025	14	75	With B+, D+ connection	07.98- 01.04	115951	12	0.8	
	(MCO1)[M160E6ALB05]	Chas. H182875- 01.01-	112384	14	75	With B+, D+, PHIN connection	01.01- 01.04	115951	12	0.8	
		Chas. -H182874 01.01-	114025	14	75	With B+, D+ connection	01.01-	112380#	12	0.8	A49
		Chas. H182875- 01.01-	112384	14	75	With B+, D+, PHIN connection	01.01- 01.04	115951	12	0.8	
		Chas. -H182874 01.01-	114025	14	75	With B+, D+ connection	01.01-	112380#	12	0.8	A49
	[M160E6ALB03]	Chas. H182875- 03.00-	112384	14	75	With B+, D+, PHIN connection	03.00- 01.04	112380#	12	0.8	A49
		Chas. -H182874 03.00-	114025	14	75	With B+, D+ connection	03.00- 01.04	115951	12	0.8	
Smart 0.8 CDI	(450..)[OM660.940]	03.01- 01.04	114040	14	85		03.01- 01.04	114051	12	1.0	
	(450..)[OM660DE8LA]	03.01- 01.04	114040	14	85		03.01- 01.04	114051	12	1.0	
Solaris											
TRUCKS EU											
Vacanza 12 12.6	[XE250C]	06.02- 12.06	113284	28	80		06.02- 12.06	113934	24	5.5	
		06.02- 12.06	115491	28	80	A49					
		06.02- 12.06	115617	28	100	A49					
		06.02- 12.06	115618	28	100						
Vacanza 12 12.9	[MX300]	10.05-	114089	28	80		10.05-	114073	24	5.5	
		10.05-	114314	28	110		10.05-	115511	24	5.5	A49
		10.05-	115495	28	80	A49					
Vacanza 13 12.9	[MX300]	10.05-	114089	28	80		10.05-	114073	24	5.5	
		10.05-	114314	28	110		10.05-	115511	24	5.5	A49
		10.05-	115495	28	80	A49					
Sole Diesel											
MOTORS											
Mini-33 1.3 Diesel	[Mitsubishi]		112492	14	50						
Mini-44 1.8 Diesel	[Mitsubishi]		112492	14	50						
Ssangyong											
PASSENGER CARS EU											
Actyon 2.0 XDi	[D20DT]						11.05-	112440	12	2.2	
							07.07-	114270	12	2.2	
Actyon 2.0 XDi 4WD	[D20DT]						10.06-	112440	12	2.2	
							07.07-	114270	12	2.2	
Actyon 2.0 XDi Sports pick-up	[D20DT]						04.07-	112440	12	2.2	
Actyon Sports 2.0 XDi	[D20DT]						04.07-	114270	12	2.2	
Korando 2.0 4WD	[M161E20]	07.96- 02.02	112530	14	120		07.96-	111347	12	1.2	
Korando 2.2 Diesel 4WD	[DC23]	12.88- 12.96	112578	14	75						
Korando 2.3	[M161E23]	07.96- 02.02	112530	14	120		07.96-	111347	12	1.2	
		01.99- 02.02	112530	14	120		01.99-	111347	12	1.2	
Korando 2.3 4WD	[M161E23]	07.96- 02.02	112530	14	120		07.96-	111347	12	1.2	
Korando 2.3 Diesel 4WD	[OM601.940]	12.96-	112529	14	90		12.96-	111065	12	2.2	
		12.96-	112578	14	75						

## STARTERS &amp; ALTERNATORS



Korando 2.9 Diesel	[OM662]	11.97- 01.99	112529	14 90	11.97- 01.99	111065	12 2.2
		11.97- 01.99	112578	14 75			
Korando 2.9 Diesel 4WD	[OM662]	12.96-	112529	14 90	12.96-	111065	12 2.2
		12.96-	112578	14 75			
Korando 2.9 TD	[OM662]	04.98-	112578	14 75	04.98-	111065	12 2.2
Korando 3.2	[M104.992]	06.97-	112578	14 75			
	[M104.995]	01.99-	112578	14 75			
Korando 3.2 4WD	[M104.995]	12.96-	112578	14 75			
Kyron 2.0 Xdi 4x4					05.05-	114270	12 2.2
Kyron 2.7 XDi	[D27DT]				03.06-	114270	12 2.2
Musso 2.0 4WD	[E20]	10.96-	112530	14 120	10.96-	111347	12 1.2
Musso 2.3					04.03-	111347	12 1.2
Musso 2.3 4WD	[M111.970]	10.96-	112530	14 120	10.96-	111347	12 1.2
Musso 2.3 Diesel 4WD	[OM601.940]	10.95-	112529	14 90	10.95-	111065	12 2.2
		10.95-	112578	14 75			
		10.95-	113768	14 95			
	[OM661]	10.95-	112529	14 90	10.95-	111065	12 2.2
		10.95-	112578	14 75			
		10.95-	113768	14 95			
Musso 2.9 Diesel 4WD	[OM662]	03.96-	112529	14 90	03.96-	111065	12 2.2
		03.96-	112578	14 75			
Musso 2.9 TD		04.98-	112578	14 75	05.97-	111065	12 2.2
Musso 3.2 4WD	[M104.992]	06.96-	112194	14 120			
Rexton 2.7 XDi Turbo 4x4	[D27DTP]				03.11-	114270	12 2.2
Rexton 2.7 XDi	[D27DT]				08.04-	111065	12 2.2
					08.04- 08.06	114270	12 2.2
Rexton 2.7 XDi 4x4	[D27DT]				03.11-	114270	12 2.2
Rexton 2.9 TD	[OM602.962]				09.02-	111065	12 2.2
					04.02-	112440	12 2.2
					04.02-	114270	12 2.2
Rodius 2.7 Xdi	[D27DT]				05.05-	112440	12 2.2
					05.05-	114270	12 2.2
Rodius 2.7 XDi 4WD	[D27DT]				05.05-	112440	12 2.2
					05.05-	114270	12 2.2
Various models		10.86-	112529	14 90	07.96-	111065	12 2.2
					07.96-	111347	12 1.2
<b>PASSENGER CARS AO</b>							
Istana 2.9 Diesel	[OM602.940]				07.96-	111065	12 2.2
Stavic 270 2.7 SXDi	[D27DT]				02.05-	112440	12 2.2
					02.05-	114270	12 2.2
Stavic 270 2.7 SXDi 4WD	[D27DT]				02.05-	114270	12 2.2
<b>TRUCKS EU</b>							
Cargo 14.6	[OM442.]	01.93-	110895	28 55	01.93-	110210	24 6.6
Mixer 69T 14.6	[OM442.]	01.93-	110895	28 55	01.93-	110210	24 6.6
<b>Steiner</b>							
<b>AGRICULTURE</b>							
230	[Kubota]		113856	14 40			
<b>Sterling</b>							
<b>TRUCKS US</b>							
Various models 11.9 ISX	[Cummins]		114359	14 170			
<b>Steyr</b>							
<b>TRUCKS EU</b>							
590.110 6.0	[WD610.00]	01.75- 12.82	112098	14 65			
	[WD610.01]	01.69- 12.82	112098	14 65			
	[WD610.19]	01.75- 12.82	112098	14 65			
690.110 6.0	[WD610.01]	01.69- 12.82	112098	14 65			
790.132 6.0	[WD610.00]	01.69- 12.79	112098	14 65			
	[WD610.19]	01.69- 12.79	112098	14 65			
790.150 6.0	[WD610.60]	01.71- 12.79	112098	14 65			
	[WD610.69]	01.71- 12.79	112098	14 65			
	[WD610.70]	01.71- 12.79	112098	14 65			
890.132 6.0	[WD610.00]	01.68- 12.79	112098	14 65			
	[WD610.19]	01.68- 12.79	112098	14 65			
890.150 6.0	[WD610.60]	01.68- 12.79	110766	28 27			
	[WD610.69]	01.68- 12.79	110766	28 27			
	[WD610.70]	01.68- 12.79	110766	28 27			
990.180 8.1	[WD614.01]	01.68- 12.78	110766	28 27	01.68- 12.78	110601	24 5.4
		01.68- 12.78	112098	14 65			
	[WD614.20]	01.68- 12.78	110766	28 27	01.68- 12.78	110601	24 5.4
991.200 9.7	[WD615..]				05.78- 12.87	110601	24 5.4
	[WD615.00]					110601	24 5.4
	[WD615.20]					110601	24 5.4
1290.320 12.0	[WD815.60]	01.71- 12.78	110766	28 27	01.71- 12.78	110208	24 5.4
	[WD815.70]	01.71- 12.78	110766	28 27			
1291.260 9.7	[WD615..]				05.78- 12.82	110601	24 5.4
	[WD615.60]					110601	24 5.4
	[WD615.61]					110601	24 5.4
	[WD615.70]					110601	24 5.4
	[WD615.71]					110601	24 5.4
1490.320 12.0	[WD815.60]	01.71- 12.78	110766	28 27	01.71- 12.78	110208	24 5.4
	[WD815.70]	01.71- 12.78	110766	28 27	01.72- 12.78	110208	24 5.4
1491.260 9.7	[WD615..]				05.78- 12.82	110601	24 5.4
	[WD615.61]					110601	24 5.4
	[WD615.70]					110601	24 5.4
	[WD615.71]					110601	24 5.4
1491.280 9.7	[WD615.65]					110533	24 5.4
	[WD615.67]					110533	24 5.4
	[WD615.69]					110533	24 5.4
	[WD615.75]					110533	24 5.4
	[WD615.77]					110533	24 5.4
1890.320 12.0	[WD815.60]	01.75- 12.79	110766	28 27			
10 S 14 6.6	[WD 612..]				04.86-	110527	24 4.0
10 S 18 6.6	[WD 612..]				04.86-	110527	24 4.0
11 S 14 6.6	[WD 612..]				07.89-	110527	24 4.0
11 S 18 6.6	[WD 612..]				07.89-	110527	24 4.0
12 M 18 6.6	[WD 612..]	09.86-	110117	28 35			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**STEYR** *Continued*

12 S 14 6.6	[WD 612..]					04.86-	110527	24	4.0
12 S 18 6.6	[WD 612..]					04.86-	110527	24	4.0
12 S 21 6.6	[WD 612..]					04.86-	110527	24	4.0
1290.230 1290.240 8.1	[WD614.60]	01.68- 12.78	110766	28	27				
	[WD614.69]	01.68- 12.78	110766	28	27				
	[WD614.79]	01.68- 12.78	110766	28	27				
13 S 14 6.6	[WD 612..]	09.88-	112288	28	55	09.88-	110527	24	4.0
13 S 18 6.6	[WD 612..]	09.88-	112288	28	55	09.88-	110527	24	4.0
13 S 21 6.6	[WD 612..]	07.89-	112288	28	55	09.88-	110527	24	4.0
13 S 23 6.6	[WD 612..]	07.89-	112288	28	55				
14 S 14 6.6	[WD 612..]	06.86-	112288	28	55	04.86-	110527	24	4.0
14 S 18 6.6	[WD 612..]	04.86-	112288	28	55	04.86-	110527	24	4.0
14 S 21 6.6	[WD 612..]	04.86-	112288	28	55	04.86-	110527	24	4.0
15 S 14 6.6	[WD 612..]	04.86-	112288	28	55				
15 S 18 6.6	[WD 612..]	04.86-	112288	28	55	04.86-	110527	24	4.0
15 S 21 6.6	[WD 612..]	04.86-	112288	28	55	04.86-	110527	24	4.0
15 S 23 6.6	[WD 612..]	04.86-	112288	28	55	04.86-	110527	24	4.0
16 S 18 6.6	[WD 612..]					04.86-	110527	24	4.0
16 S 21 6.6	[WD 612..]					04.86-	110527	24	4.0
16 S 23 6.6	[WD 612..]	04.86-	112288	28	55				
17 S 18 6.6	[WD 612..]	09.88-	112288	28	55	09.88-	110527	24	4.0
17 S 21 6.6	[WD 612..]	09.88-	112288	28	55	09.88-	110527	24	4.0
17 S 23 6.6	[WD 612..]	09.88-	112288	28	55				
19 S 24 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
19 S 28 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
19 S 31 9.7	[WD 615..]	10.87-	112288	28	55	10.87-	110533	24	5.4
19 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
19 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
19 S 39 12.0	[WD 815..]	05.90- 06.96	112288	28	55	05.90- 06.96	110208	24	5.4
22 S 28 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
22 S 31 9.7	[WD 615..]	10.87-	112288	28	55	10.87-	110533	24	5.4
22 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
22 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
26 S 28 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
26 S 31 9.7	[WD 615..]	10.87-	112288	28	55	10.87-	110533	24	5.4
26 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
26 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
32 S 28 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
32 S 31 9.7	[WD 615..]	10.87-	112288	28	55	10.87-	110533	24	5.4
32 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
32 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
33 S 31 9.7	[WD 615..]	10.87-	112288	28	55	10.87-	110533	24	5.4
33 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55	10.87- 06.96	110208	24	5.4
40 S 31 9.7	[WD 615..]	01.88-	112288	28	55	01.88-	110533	24	5.4
40 S 34 12.0	[WD 815..]	01.88- 06.96	112288	28	55	01.88- 06.96	110208	24	5.4
40 S 37 12.0	[WD 815..]	01.88- 06.96	112288	28	55	01.88- 06.96	110208	24	5.4
Various models							114435	24	7.5
<b>AGRICULTURE</b>									
8050 2.6	[WD 311..]	09.86-	113469	14	33				
8060 2.6	[WD 311..]	09.80- 02.87	113469	14	33				
8065 2.6	[WD 311..]	09.86- 09.94	113469	14	33				
8070 3.5	[WD 411..]	01.80- 09.94	113469	14	33	01.80-	111001	12	3.0
8075 3.5	[WD 411..]	01.84- 09.94	113469	14	33	01.84-	111001	12	3.0
8080 3.5	[WD 411..]	01.80- 09.94	113469	14	33	01.80-	111001	12	3.0
8085 3.5	[WD 411..]					02.90-	111001	12	3.0
8090 3.5	[WD 411..]	01.84- 04.94	113469	14	33	01.84-	111001	12	3.0
8110 5.2	[WD 611..]	07.84- 09.94	113469	14	33	12.78-	111001	12	3.0
8130 5.2	[WD 611..]	07.84- 09.94	113469	14	33	10.84-	111001	12	3.0
8150 6.6	[WD 612..]	12.82- 09.94	113469	14	33				
8300 9.7	[WD615..]					02.82- 04.87	110601	24	5.4
<b>Still</b>									
<b>FORK LIFTS</b>									
Various Forklift							115403	12	2.2
<b>Subaru</b>									
<b>PASSENGER CARS EU</b>									
Forester 2.0	[EJ20]	09.02-	114214	14	80	AT 06.98-	111451	12	1.4
		06.98- 09.02	113634	14	90	06.98-	111552	12	1.0
Forester 2.0 4WD	[EJ20]					AT 08.97-	111451	12	1.4
						08.97-	111552	12	1.0
Forester 2.0 X	[EJ204]	09.05-	115453*	14	110	09.05-	111552	12	1.0
Forester 2.0 Turbo S	[EJ20]	09.02-	114214	14	80	06.98-	111552	12	1.0
		06.98- 04.01	113634	14	90	AT 06.98-	111451	12	1.4
	[EJ205]	04.01- 09.02	113634	14	90	AT 07.98-	111451	12	1.4
						07.98-	111552	12	1.0
Forester 2.5	[EJ25]	12.03-	113634	14	90	12.03-	111451	12	1.4
		12.03-	114214	14	80	12.03-	111552	12	1.0
		12.03-	115453*	14	110				
Forester 2.5 4x4	[EJ25D]	07.97- 05.02	114214	14	80				
Forester 2.5 XT	[EJ255]	09.05-	115453*	14	110	09.05-	111552	12	1.0
Forester 2.5 Turbo 4x4		09.98- 05.02	114214	14	80				
Impreza 1.5	[EL15]	05.06-	114214	14	80				
Impreza 1.5 4x4	[EL15]	02.08-	114214	14	80				
Impreza 1.6	[EJ16]	12.00-	113634	14	90	12.00- 06.01	111552	12	1.0
		06.01- 09.06	114214	14	80	06.01- 09.06	113634		
	[EJ161]	06.01- 09.06	114214	14	80				
	[EJ16E]	12.96- 12.00	113634	14	90	12.96-	111552	12	1.0
Impreza 1.6 4WD	[EJ16E]	12.96- 12.00	113634	14	90	12.96-	111552	12	1.0
Impreza 1.6 i	[EJ16]	06.98- 12.00	113634	14	90	08.92- 12.00	111552	12	1.0
Impreza 1.6 i 4WD	[EJ16]	06.98- 12.00	113634	14	90	08.92- 12.00	111552	12	1.0
Impreza 1.8 i 4WD	[EJ18]	08.92- 12.00	113315	14	85	AT 08.92-	111451	12	1.4
						08.92-	111552	12	1.0
Impreza 2.0	[EJ20]	12.00-	113634	14	90	AT 12.00-	111451	12	1.4
						12.00-	111552	12	1.0
Impreza 2.0 4WD	[EJ20]	12.95- 12.00	113634	14	90	AT 12.95-	111451	12	1.4
						12.95-	111552	12	1.0
Impreza 2.0 R	[EJ20]	09.05-	115453*	14	110	09.05-	111552	12	1.0

## STARTERS & ALTERNATORS



	[EJ204]	09.05-	115453*	14	110		09.05-	111552	12	1.0
							09.05-	111451	12	1.4
Impreza 2.0 16V AWD	[EJ20]	06.98- 12.00	113634	14	90		06.98- 12.00	111552	12	1.0
Impreza 2.0 i Turbo GT 4WD	[EJ20]	03.94- 12.00	113634	14	90	AT	03.94-	111451	12	1.4
							03.94-	111552	12	1.0
Impreza 2.0 i Turbo 4WD	[EJ20]	03.94- 12.00	113634	14	90		03.94-	111552	12	1.0
						AT	03.94-	111451	12	1.4
	[EJ207]	11.01-	113634	14	90		11.01-	111552	12	1.0
Impreza 2.0 i 4WD	[EJ20]	10.95- 12.00	113634	14	90	AT	10.95- 12.00	111451	12	1.4
							10.95- 12.00	111552	12	1.0
Impreza 2.0 Turbo	[EJ205]	12.00-	113634	14	90	AT	07.01-	111451	12	1.4
Impreza 2.0 Turbo 4WD	[EJ20G]						12.93- 07.98	111552	12	1.0
Impreza 2.0 Turbo GT 4WD	[EJ205]	06.98- 12.00	113634	14	90		06.98- 12.00	111552	12	1.0
	[EJ207]	06.98- 12.00	113634	14	90		06.98- 12.00	111552	12	1.0
Impreza 2.0 Turbo WRX	[EJ205]	12.00-	113634	14	90	AT	07.01-	111451	12	1.4
Impreza 2.0 Turbo WRX 4WD	[EJ205]	12.02-	113634	14	90		12.02-	111451	12	1.4
		12.02-	114214	14	80					
Impreza 2.5 AWD	[EJ257]	07.11- 12.12	115453*	14	110					
Impreza 2.5 WRX	[EJ255]	09.05-	115453*	14	110		09.05-	111552	12	1.0
Impreza 2.5 WRX S AWD	[EJ255]	02.09- 12.10	115453*	14	110					
Impreza 2.5 WRX STi	[EJ257]	09.05-	115453*	14	110		09.05-	111552	12	1.0
Impreza 2.5 WRX STi 330S AWD	[EJ257]	05.09- 12.10	115453*	14	110					
Justy 1.3	[M13A]	09.03-	114023	14	70					
Justy 1.5	[M15A]	09.03-	114023	14	70					
Lagacy 2.0	[EJ20]	12.98- 08.03	113634	14	90	AT	12.98-	111451	12	1.4
							12.98-	111552	12	1.0
Lagacy 2.5	[EJ25]	12.98- 08.03	113634	14	90	AT	12.98-	111451	12	1.4
							12.98-	111552	12	1.0
Lagacy 1.8 1800	[EJ18SPI]	01.89- 07.94	111611	14	70	AT	01.89- 01.90	111451	12	1.4
							01.89- 07.94	111552	12	1.0
Lagacy 1.8 1800 4WD	[EJ18]	01.89- 07.94	111611	14	70	AT	01.89- 07.94	111552	12	1.0
							01.89- 01.90	111451	12	1.4
Lagacy 2.0	[EJ20]	09.03-	115453*	14	110	AT	04.99-	111451	12	1.4
		04.99- 08.03	113634	14	90		04.99-	111552	12	1.0
Lagacy 2.0 2000	[EJ20EMPI]	09.91- 12.93	111611	14	70	AT	05.92- 12.93	111451	12	1.4
							05.92- 12.93	111552	12	1.0
Lagacy 2.0 2000 4WD	[EJ20]	05.92-	111611	14	70		05.92-	111552	12	1.0
Lagacy 2.0 i	[EJ20E]	09.94-	113315	14	85		09.94-	111552	12	1.0
	[EJ20EMPI]	09.94-	113315	14	85		09.94-	111552	12	1.0
Lagacy 2.0 i 4WD	[EJ20]	09.94-	113315	14	85	AT	01.94- 08.98	111451	12	1.4
							09.94-	111552	12	1.0
Lagacy 2.0 Turbo 2000 4WD	[EJ20-GN]	05.92-	111611	14	70		05.92- 12.93	111552	12	1.0
Lagacy 2.2 2200 4WD	[EJ22]	01.89-	111611	14	70	AT	01.89- 01.90	111451	12	1.4
							01.89-	111552	12	1.0
Lagacy 2.2 i	[EJ22]	09.94-	113315	14	85	AT	01.94- 05.97	111451	12	1.4
							09.94-	111552	12	1.0
Lagacy 2.2 i 4WD	[EJ22]	06.96-	113315	14	85	AT	01.94- 05.97	111451	12	1.4
							01.94- 05.96	111552	12	1.0
Lagacy 2.5	[EJ25]	09.03-	115453*	14	110		09.03-	111451	12	1.4
		09.03-	115796*	14	110		09.03-	111552	12	1.0
		10.98- 08.03	113634	14	90					
	[EJ25D]	06.96-	113315	14	85		06.96- 08.98	111451	12	1.4
Lagacy 2.5 i 4WD	[EJ25D]	06.96-	113315	14	85		06.96- 11.98	111451	12	1.4
Lagacy 3.0	[EZ30]						09.03-	111451	12	1.4
Lagacy 3.0 H6	[EZ30]						10.00-	111451	12	1.4
Leone 1.3 1300	[EA65]	11.84- 09.91	110703	14	55					
		PS 11.84- 09.91	110267	14	55					
Leone 1.6	[EA71]	01.90-	110703	14	55					
Leone 1.6 1600	[EA71]	11.84- 09.91	110703	14	55					
		PS 11.84- 09.91	110267	14	55					
Leone 1.6 4x4	[EA71]	01.90-	110703	14	55					
Leone 1.8	[EA82]	06.85- 07.86	110267	14	55		06.85- 07.86	111451	12	1.4
Leone 1.8 1800 4WD	[EA81]	09.80- 10.84	110703	14	55					
	[EA82]	11.84- 12.90	110703	14	55	AT	11.84- 07.91	111451	12	1.4
		12.86- 07.91	110267	14	55					
		PS 11.84- 12.90	110267	14	55					
Leone 1.8 1800 Super 4WD	[EA81]	09.80- 10.84	110703	14	55					
Leone 1.8 1800 Turismo 4WD	[EA81]	09.80- 10.84	110703	14	55					
Leone 1.8 Turbo 1800 4WD	[EA82]	11.84- 12.90	110267	14	55	AT	11.84- 12.90	111451	12	1.4
		03.89- 12.90	110703	14	55					
		PS 03.89- 12.90	110267	14	55					
Leone 1.8 Turbo 1800 Super 4WD	[EA82]	11.84- 12.90	110703	14	55	AT	11.84- 12.90	111451	12	1.4
		PS 11.84- 12.90	110267	14	55					
Outback 2.5	[EJ25]	10.00- 08.03	113634	14	90					
	[EJ25D]	11.03-	115453*	14	110		11.03-	111451	12	1.4
		11.03-	115796*	14	110		11.03-	111552	12	1.0
Outback 3.0	[EZ30]						11.03-	111451	12	1.4
Rex 0.5 550	[EK23]	08.81- 06.87	110385	14	40					
Rex 0.5 550 4WD	[EK23]	08.83- 06.87	110385	14	40					
Rex 0.5 Turbo 550		07.84- 06.87	110385	14	40					
Rex 0.7 700	[EK42]	08.82- 06.89	110385	14	40					
SVX 3.3 i 24V	[EG33]						09.92-	111451	12	1.4
Vivio 0.65 660 4WD	[EN07E]						03.92- 10.95	111451	12	1.4
<b>PASSENGER CARS US</b>										
Baja 2.5	[EJ253]	01.03- 01.03	113634	14	90		01.03- 01.03	111552	12	1.0
Baja 2.5 Sport	[EJ253]	01.05-	113634	14	90					
Baja 2.5 Turbo	[EJ255]	01.04-	113634	14	90					
Brat 1.8	[EA81]	01.80-	110267	14	55					
Brat 1.8 DL							01.81- 01.83	111451	12	1.4
Brat 1.8 GL		01.85- 01.87	110267	14	55		01.81- 01.87	111451	12	1.4
Brat 1.8 Turbo GL		01.84-	110267	14	55		01.84-	111451	12	1.4
Deluxe 1.3		01.72- 01.72	110128	14	35					
Deluxe 1.4		01.73- 01.73	110128	14	35					
DL 1.4		01.74- 01.74	110128	14	35					
DL 1.6		01.82- 01.84	110267	14	55					
DL 1.8							01.80- 01.89	111451	12	1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**SUBARU** *Continued*

Forester 2.5	[EJ253]				01.99- 01.99	111451	12	1.4	
					01.99- 01.99	111552	12	1.0	
	[EJ25D]				01.98- 01.98	111451	12	1.4	
					01.98- 01.98	111552	12	1.0	
Forester 2.5 L	[EJ25D]				01.98- 01.98	111451	12	1.4	
					01.98- 01.98	111552	12	1.0	
Forester 2.5 S	[EJ25D]				01.98- 01.98	111451	12	1.4	
					01.98- 01.98	111552	12	1.0	
Forester 2.5 X	[251]	01.03- 01.03	113634	14	90				
	[253]	01.05-	113634	14	90				
Forester 2.5 XS	[251]	01.03- 01.03	113634	14	90				
	[253]	01.05-	113634	14	90				
Forester 2.5 Turbo XT	[255]	01.04-	113634	14	90				
GL 1.3		01.72- 01.72	110128	14	35				
GL 1.4		01.73- 01.74	110128	14	35				
GL 1.6		01.86- 01.87	110267	14	55				
GL 1.8						01.80- 01.89	111451	12	1.4
GL 1.8 Turbo		01.83- 01.84	110267	14	55	01.83- 01.89	111451	12	1.4
GL-10 1.8						01.85- 01.88	111451	12	1.4
GL-10 1.8 Turbo						01.86- 01.89	111451	12	1.4
GLF 1.8						01.80- 01.82	111451	12	1.4
Impreza 1.8		01.93- 01.95	113315	14	85	01.93- 01.95	111451	12	1.4
						01.93- 01.95	111552	12	1.0
Impreza 1.8 4WD		01.93- 01.93	113315	14	85	01.93- 01.93	111451	12	1.4
						01.93- 01.93	111552	12	1.0
Impreza 1.8 Brighton						01.96- 01.97	111552	12	1.0
						01.96- 01.96	111451	12	1.4
Impreza 1.8 L		01.93- 01.96	113315	14	85	01.93- 01.96	111451	12	1.4
						01.93- 01.96	111552	12	1.0
Impreza 1.8 L 4X4		01.95- 01.95	113315	14	85	01.95- 01.95	111552	12	1.0
						01.95- 01.95	111451	12	1.4
Impreza 1.8 LS		01.93- 01.94	113315	14	85	01.93- 01.94	111451	12	1.4
						01.93- 01.94	111552	12	1.0
Impreza 1.8 Outback						01.95- 01.95	111451	12	1.4
						01.95- 01.95	111552	12	1.0
Impreza 2.2	[EJ222]					01.00- 01.01	111451	12	1.4
	[EJ22EZ]					01.00- 01.01	111552	12	1.0
						01.98- 01.99	111451	12	1.4
						01.98- 01.99	111552	12	1.0
Impreza 2.2 Brighton						01.97- 01.97	111552	12	1.0
						01.97- 01.97	111451	12	1.4
Impreza 2.2 L						01.96- 01.97	111552	12	1.0
						01.96- 01.96	111451	12	1.4
Impreza 2.2 LX		01.95- 01.95	113315	14	85	01.96- 01.96	111552	12	1.0
						01.95- 01.96	111451	12	1.4
Impreza 2.2 Outback	[EJ222]					01.00- 01.01	111451	12	1.4
	[EJ22EZ]					01.00- 01.01	111552	12	1.0
						01.98- 01.99	111451	12	1.4
						01.98- 01.99	111552	12	1.0
						01.96- 01.97	111552	12	1.0
						01.96- 01.96	111451	12	1.4
Impreza 2.5 Outback	[251]					01.02- 01.03	111451	12	1.4
						01.02- 01.03	111552	12	1.0
Impreza 2.5 RS	[251]					01.02- 01.03	111451	12	1.4
						01.02- 01.03	111552	12	1.0
	[253]	01.05-	113634	14	90				
Impreza 2.5	[EJ251]					01.00- 01.01	111451	12	1.4
						01.00- 01.00	111552	12	1.0
						01.01- 01.01	113038	12	0.7
	[EJ253]					01.99- 01.99	111451	12	1.4
	[EJ25D]					01.99- 01.99	111552	12	1.0
						01.98- 01.98	111451	12	1.4
						01.98- 01.98	111552	12	1.0
Impreza 2.5 TS	[251]					01.02- 01.03	111451	12	1.4
						01.02- 01.03	111552	12	1.0
Legacy 2.2	[EJ22E]					01.99- 01.99	111552	12	1.0
		01.90- 01.90	111611	14	70	01.90- 01.90	111451	12	1.4
						01.90- 01.95	111552	12	1.0
Legacy 2.2 4WD		01.93- 01.94	111611	14	70	01.93- 01.94	111552	12	1.0
Legacy 2.2 Brighton						01.95- 01.98	111552	12	1.0
Legacy 2.2 GT		01.94- 01.94	111611	14	70	01.94- 01.94	111552	12	1.0
Legacy 2.2 L		01.90- 01.94	111611	14	70	01.90- 01.98	111552	12	1.0
						01.90- 01.94	111451	12	1.4
Legacy 2.2 L 4X4		01.92- 01.93	111611	14	70	01.92- 01.93	111552	12	1.0
Legacy 2.2 L Alpine		01.94- 01.94	111611	14	70	01.94- 01.94	111552	12	1.0
Legacy 2.2 L Outdoor		01.94- 01.94	111611	14	70	01.94- 01.94	111552	12	1.0
Legacy 2.2 L Sunsport		01.94- 01.94	111611	14	70	01.94- 01.94	111552	12	1.0
Legacy 2.2 LS		01.90- 01.94	111611	14	70	01.90- 01.96	111552	12	1.0
						01.90- 01.94	111451	12	1.4
Legacy 2.2 LS 4X4		01.92- 01.93	111611	14	70	01.92- 01.93	111552	12	1.0
Legacy 2.2 LS SP		01.91- 01.93	111611	14	70	01.91- 01.93	111552	12	1.0
Legacy 2.2 LSI		01.91- 01.95	111611	14	70	01.91- 01.95	111552	12	1.0
Legacy 2.2 Outback						01.95- 01.96	111552	12	1.0
Legacy 2.2 Postal						01.95- 01.98	111552	12	1.0
Legacy 2.2 Turbo 4WD		01.92- 01.92	111611	14	70	01.92- 01.92	111552	12	1.0
Legacy 2.2 Turbo Sport		01.91- 01.94	111611	14	70	01.91- 01.94	111552	12	1.0
Legacy 2.5	[EJ251]	01.00- 01.00	113634	14	90	01.00- 01.00	111552	12	1.0
	[EJ252]	01.00- 01.00	113634	14	90	01.00- 01.00	111552	12	1.0
	[EJ253]	01.01- 01.03	113634	14	90	01.01- 01.03	111552	12	1.0
	[EJ25D]					01.99- 01.99	111552	12	1.0
Legacy 2.5 GT						01.96- 01.98	111552	12	1.0
Legacy 2.5 Limited						01.97- 01.98	111552	12	1.0
Legacy 2.5 LSI						01.96- 01.97	111552	12	1.0
Legacy 2.5 OUTBACK	[EJ25D]					01.99- 01.99	111552	12	1.0
						01.96- 01.98	111552	12	1.0
Loyale 1.8						01.90- 01.94	111451	12	1.4

## STARTERS & ALTERNATORS



Loyale 1.8 RS						01.90-01.90	111451	12	1.4
Loyale 1.8 Turbo						01.90-01.90	111451	12	1.4
Loyale 1.8 Turbo RS						01.90-01.90	111451	12	1.4
Outback 2.5	[EJ253]	01.01-01.03	113634	14	90	01.01-01.03	111552	12	1.0
RX 1.8 Turbo						01.86-01.89	111451	12	1.4
Standard 1.6		01.82-01.87	110267	14	55				
Standard 1.8						01.81-01.87	111451	12	1.4
Star 1.3		01.72-01.72	110128	14	35				
SVX 3.3 4WD						01.94-01.94	111451	12	1.4
SVX 3.3 L						01.94-01.97	111451	12	1.4
SVX 3.3 LS						01.92-01.95	111451	12	1.4
SVX 3.3 LSI						01.94-01.97	111451	12	1.4
SVX 3.3 LSL						01.92-01.94	111451	12	1.4
XT 1.8 DL						01.85-01.88	111451	12	1.4
XT 1.8 GL						01.85-01.91	111451	12	1.4
XT 1.8 GL-10						01.87-01.87	111451	12	1.4
XT 1.8 Turbo GL						01.87-01.87	111451	12	1.4
XT 1.8 Turbo GL-10						01.85-01.87	111451	12	1.4
XT 6 2.7						01.89-01.91	111451	12	1.4
<b>PASSENGER CARS AO</b>									
Forester 2.5 RX Nato 4WD						11.02-08.05	111451	12	1.4
Impreza 1.5 4x4	[EL15]	02.08-	114214	14	80				
Impreza 2.0	[EJ201]	09.98-09.00	113634	14	90				
Impreza 2.0 4WD	[EJ205P]	10.05-	114214	14	80				
		09.98-09.00	113634	14	90				
Impreza 2.0 WRX STi 4WD	[EJ208]	10.05-	114214	14	80				
Impreza 2.2 GX 4WD	[EJ22E]	09.98-09.00	113634	14	90				
		11.95-08.98	113634	14	90				
Legacy 1.6	[EJ16]					05.90-	111552	12	1.0
<b>Sumitomo</b>									
<b>FORK LIFTS</b>									
Various models			111495	14	40		111005	12	0.8
<b>Suzuki</b>									
<b>PASSENGER CARS EU</b>									
Alto 0.8	(SB308,CA)[F8B]	01.86-11.93	110385	14	40	01.86-11.93	111561	12	0.6
Alto 1.0	(EF)[G10BB]	09.94-	111279	14	50	09.94-	111310	12	0.8
	(GF)[K10B]	01.09-	115868	14	70	01.09-	114761	12	1.0
Alto 1.1	[F10D]	06.02-	111779	14	70	06.02-	111310	12	0.8
	[F10DN]	09.04-	111779	14	70	09.04-	111310	12	0.8
Baleno 1.3	(EG)[G13BA]	09.96-	111779	14	70	09.96-	111310	12	0.8
Baleno 1.3 16V	[G13BB]	03.97-	111779	14	70	03.97-	111310	12	0.8
Baleno 1.3 i 16V	[G13BB]	04.95-	111779	14	70	07.95-	111310	12	0.8
Baleno 1.6 i 16V	[G16B]	07.95-	111779	14	70	07.95-	111310	12	0.8
		07.95-	111950	14	85				
Baleno 1.6 i 16V 4WD	[G16B]	04.95-	111779	14	70	07.95-	111310	12	0.8
Baleno 1.8 GT	(EG)[J18A]	03.96-	111779	14	70				
		03.96-05.02	115957	14	70				
		03.96-	111779	14	70				
		03.96-05.02	115957	14	70				
Baleno 1.8 i 16V	[J18A]	08.96-	111779	14	70				
		08.96-05.02	115957	14	70				
Baleno 1.9 TD	(EG)[DHW (XUD9BSD)]	04.98-	113485	14	80				
	(EG)[DHW (XUD9SD)]	04.98-05.02	113485	14	80				
Carry 0.8	(ST90V)[F8A]	11.80-10.85	110258	14	35	04.78-11.87	110402	12	0.6
Carry 1.0	(ED)[F10A]	10.85-03.99	110385	14	40	10.85-03.99	110402	12	0.6
						10.85-03.99	111385	12	0.6
	(SK410)	07.85-12.90	110385	14	40	07.85-12.90	110402	12	0.6
		11.96-03.99	110385	14	40	11.96-03.99	110402	12	0.6
Carry 1.3	(FD)[G13BB]					03.99-	114773*	12	0.8
Carry 1.3 16V	(FD)[G13BB]					03.00-	114773*	12	0.8
Grand Vitara 1.6	[G16B]	03.98-	111779	14	70	03.98-	110394	12	0.85
		03.98-	113322	14	60				
	(JT)[M16A]	03.15-	114881	14	80	03.15-	114060	12	1.0
		10.05-	114881	14	80	10.05-	114060	12	1.0
Grand Vitara 1.6 4x4	(GT)[G16B]	03.98-07.03	113322	14	60				
	(JT)[M16A]	03.15-	114881	14	80	03.15-	114060	12	1.0
Grand Vitara 1.9 DDiS	(JT)[F9QB]	10.05-	115305	14	140	10.05-	112474	12	1.8
Grand Vitara 2.0	[J20A]	10.05-	111779	14	70	03.98-	110394	12	0.85
		10.05-	114881	14	80	AT 10.05-	112300	12	1.4
		03.98-	113322	14	60	10.05-	115538	12	1.4
		03.98-07.03	115957	14	70				
Grand Vitara 2.0 4x4	(FT, GT)[J20A]	04.98-08.05	111779	14	70	04.98-08.05	112300	12	1.4
						AT 01.00-08.05	114225	12	1.6
	(GT)	03.98-07.03	114247	14	75				
Grand Vitara 2.0 HDi	[RHW]	07.01-	112461	14	150	11.00-12.05	114061	12	2.0
	(FT, GT)[RHZ]					07.01-07.03	114061	12	2.0
						11.00-12.05	114061	12	2.0
Grand Vitara 2.0 TD Intercooler	[RF]	03.98-	112332	14	70	03.98-	110389	12	2.0
Grand Vitara 2.5 V6 24V	(FT, GT)[H25A]					08.04-	112300	12	1.4
Grand Vitara 2.7 XL-7	(FT, GT)[H27A]					04.03-07.03	112300	12	1.4
Grand Vitara 2.7 V6	[H27A]					09.01-	112300	12	1.4
Ignis 1.3	(FH)[M13A]	10.00-09.03	111779	14	70	10.00-09.03	114060	12	1.0
		09.03-	114023	14	70	09.03-	114060	12	1.0
Ignis 1.3 4WD	(FH)[M13A]	10.00-09.03	111779	14	70	10.00-09.03	114060	12	1.0
Ignis 1.3 4x4	[M13A]	09.03-	114023	14	70	09.03-	114060	12	1.0 ND
						09.03-	115349	12	1.2 MI
Ignis 1.3 DDiS	[Z13DT]	09.03-	113720	14	75	09.03-	113843	12	1.1
		09.03-	113722	14	90				
		09.03-	115963	14	90				
		09.03-	116064	14	75				
Ignis 1.5	(FH)[M15A]	08.03-12.05	114215	14	75	08.03-12.05	114060	12	1.0
		09.03-	114023	14	70	09.03-	114060	12	1.0
		09.03-	114215	14	75	09.03-	115349	12	1.2
Ignis 1.5 4WD	[M15A]	09.03-	114023	14	70	09.03-	114060	12	1.0
		09.03-	114215	14	75	09.03-	115349	12	1.2
Ignis 1.5 Sport	(FH)[M15A]	12.03-	114215	14	75	12.03-	114060	12	1.0

## STARTERS & ALTERNATORS

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**SUZUKI** *Continued*

Jimny 1.3 4x4	(FJ)[M13A]	05.14-	114215	14 75		05.14-	114060	12 1.0
Jimny 1.3 16V	[G13BB]	09.98-	111779	14 70		09.98-	110394	12 0.85
		10.98-	113322	14 60				
	(FJ)[M13A]	02.01-	113322	14 60		02.01-	110394	12 0.85
Jimny 1.3 16V 4WD	[G13BB]	09.98-	111779	14 70		09.98-	110394	12 0.85
		09.98-	113322	14 60				
	(FJ)[M13A]	02.01-	111779	14 70		02.01-	110394	12 0.85
		02.01-	113322	14 60		08.05-	115349	12 1.2
		08.05-	114215	14 75				
Jimny 1.5 DDIS 4WD	(FJ)[K9K266]	12.03- 08.05	114207	14 100		08.05-	113897	12 1.4
	(FJ)[K9K700]					12.03-	115778	12 1.4
Liana 1.3	(ER)[M13A]	07.01-	111779	14 70		07.01-	114060	12 1.0
		07.01-	113322	14 60		07.01-	115349	12 1.2
		07.01-	114215	14 75				
		03.02-	111779	14 70		03.02-	114060	12 1.0
		03.02-	113322	14 60		03.02-	115349	12 1.2
		03.02-	114023	14 70				
Liana 1.4 DDIS	(ER)[8HY]	03.05-	113755	14 150				
Liana 1.6	(ER)[M16A]	07.01-	111779	14 70		07.01-	114060	12 1.0
		07.01-	113322	14 60		07.01-	115349	12 1.2
		07.01-	114215	14 75				
		03.02-	111779	14 70		04.02-	114060	12 1.0
		03.02-	113322	14 60		03.02-	115349	12 1.2
		03.02-	114215	14 75				
Liana 1.6 4WD	(ER)[M16A]	07.01-	111779	14 70		07.01-	115349	12 1.2
		07.01-	113322	14 60				
		07.01-	114215	14 75		07.01-	114060	12 1.0
		03.02-	111779	14 70				
		03.02-	113322	14 60				
		03.02-	114215	14 75				
LJ 80 0.8 4WD	[F8A]	01.80- 01.84	110258	14 35		10.77- 10.82	110421	12 0.8
Samurai 1.0	(SJ410)[F10A]					11.88-	111475	12 0.8
Samurai 1.3	(SJ413)[G13A]	11.88-	110965	14 50		11.88-	110394	12 0.85
	(SJ413)[G13BA]	11.88-	110965	14 50		11.88-	110394	12 0.85
Samurai 1.9 TD	(SJ)[XUD9]	11.98-	112292	14 70		11.98-	113481	12 1.4
	(SJ)	11.98-	112292	14 70		11.98-	111070	12 1.7
SJ 410 1.0 4WD	(SJ410)[F10A]	09.81- 12.88	110137	14 30		01.87- 12.88	111475	12 0.8
		09.87- 12.88	110385	14 40		01.81- 03.87	110421	12 0.8
SJ 413 1.3	(SJ413)[G13A]	09.84- 08.90	110965	14 50		09.84- 08.90	110394	12 0.85
SJ 413 1.3 4x4	[G13B]	09.84- 12.85	110965	14 50		A13 09.84- 12.85	110394	12 0.85
Splash 1.0	[K10B]	01.08-	114247	14 75		01.08-	114871	12 1.1
Splash 1.2	[K12B]	01.08-	114247	14 75				
Splash 1.2 VVT	[K12B]	06.11-	114247	14 75				
Splash 1.3 CDTi	[D13A]	01.08-	113722	14 90 A49		01.08-	113843	12 1.1
		01.08-	115963	14 90				
	[Z13DTJ]	01.08-	113722	14 90 A49		01.08-	113843	12 1.1
		01.08-	115963	14 90				
Swift 1.0	(SA310,AA41,43)[G10]	10.83- 03.89	110965	14 50		10.83- 03.89	111310	12 0.8
	(SA310,AA41,43)[G10A]	10.84- 03.89	110965	14 50		10.84- 03.89	111310	12 0.8
	(SF310,AA44)	03.89-	110967	14 50		03.89-	111310	12 0.8
Swift 1.0 i	(SF310,AA44)[G10A]	03.89- 12.91	110967	14 50				
		09.91- 05.01	114894	14 60		03.89- 12.91	111310	12 0.8
Swift 1.0 Turbo	(SA310)[G10T]	02.85- 12.89	110965	14 50				
Swift 1.3	(SA413,AA51)[G13A]	10.84- 03.89	110965	14 50		10.84- 03.89	111310	12 0.8
	(SA413,AA51,AA53)	10.84- 03.89	110965	14 50		10.84- 03.89	111310	12 0.8
	(SA413,AA53)	08.86- 03.89	110965	14 50		08.86- 03.89	111310	12 0.8
	(SF413)	03.89- 12.91	110967	14 50		03.89- 12.91	111310	12 0.8
	(SF413,AB35)	03.89- 12.91	110967	14 50		03.89- 12.91	111310	12 0.8
	(SF413,AH35)	03.89-	110967	14 50		03.89-	111310	12 0.8
	(SF413,AK35)[G13BA]	09.91-	110967	14 50		09.91-	111310	12 0.8
	(EA,MA)[G13BB]	06.01- 12.03	114894	14 60		06.01- 12.03	111310	12 0.8
	(ME, EZ)[M13A]	02.05-	114247	14 75				
		Chas. 00500001- 02.05-	114245	14 75		02.05-	114060	12 1.0
		Chas. -00500000						
Swift 1.3 4WD	(SF413,AA35)[G13A]	03.89-	110967	14 50		01.90- 12.91	111310	12 0.8
	(SF413,AF35)	10.89- 12.91	110967	14 50		10.89- 12.91	111310	12 0.8
	(ME, EZ)[M13A]	01.06-	114215	14 75		01.06-	114060	12 1.0
		01.06-	114881	14 80				
Swift 1.3 GTi	(SA413,AA33)[G13B]	08.86- 03.89	111279	14 50		08.86- 03.89	111310	12 0.8
	(SF413,AA34)	03.89- 05.01	110967	14 50		03.89-	111310	12 0.8
Swift 1.3 GXi	(SA413,AA33)[G13B]	08.86- 03.89	111279	14 50				
Swift 1.3 DDIS	(AZG)[D13A]	10.10-	116103*	14		10.10-	116102*	12
	(MZ, EZ)	08.05-	113722	14 90 A49		08.05-	113843	12 1.1
	(SG)[Z13DT]	08.05-	113722	14 90 A49		08.05-	113843	12 1.1
		08.05-	115963	14 90				
	(MZ, EZ)[Z13DTJ]	08.05-	113722	14 90 A49				
		08.05-	115963	14 90				
Swift 1.5	(ME, EZ)[M15A]	02.05-	111779	14 70		02.05-	114060	12 1.0
		02.05-	114245	14 75				
Swift 1.6	(SF416,AH14)[G16B]	11.89- 12.91	111279	14 50		11.89- 12.91	111310	12 0.8
	(ME, EZ)[M16A]					05.06-	114060	12 1.0
Swift 1.6 4WD	[G16B]	09.91- 09.95	111279	14 50		11.89- 12.91	111310	12 0.8
Swift 1.6 i	(SF416,AH14)[G16B]	01.91- 09.95	111279	14 50		09.91- 09.95	111310	12 0.8
Swift 1.6 i 4WD	(SF416,AJ14)[G16B]	01.91- 09.95	111279	14 50		09.91- 09.95	111310	12 0.8
SX4 1.5	[M15A]	06.06-	114247	14 75		06.06-	114060	12 1.0
SX4 1.5 VVT 4x4	(EY, GY)[M15A]					07.10-	114060	12 1.0
SX4 1.6	[M16A]	10.07-	114881	14 80		10.07-	114060	12 1.0
SX4 1.6 AWD	(GY)[M16A]					10.07-	114060	12 1.0
SX4 1.6 WT	[M16A]	06.06-	114247	14 75		06.06-	114060	12 1.0
SX4 1.6 WT 4WD	[M16A]	06.06-	114247	14 75		06.06-	114060	12 1.0
SX4 1.6 VVT	(RW416)[M16A]	07.09-	114247	14 75		07.09-	114060	12 1.0
SX4 1.6 VVT 4x4	(RW416)[M16A]	07.09-	114247	14 75		07.09-	114060	12 1.0
SX4 1.6 DDIS	[D16AA]					08.13-	115444	12 1.4
SX4 1.6 DDIS 4x4	[D16AA]					08.13-	115444	12 1.4
SX4 1.9 DDIS	(RW419)[D19AA]	06.06-	113996	14 140		06.06-	113430	12 1.8
SX4 1.9 DDIS 4WD	[D19AA]	06.06-	113996	14 140		06.06-	113430	12 1.8
SX4 2.0 DDIS	(RW420D)[D20AA]					07.09-	115444	12 1.4

## STARTERS & ALTERNATORS



SX4 2.0 DDIS 4x4	(RW420D)[D20AA]					07.09-	115444	12 1.4	
Vitara 1.6	(ET)[G16A]	11.88- 12.91	111279	14 50		11.88- 12.91	110394	12 0.85	
	(TA)	09.91- 01.95	111279	14 50		09.91- 01.95	110394	12 0.85	
	(ET, TA)[G16B]	02.91- 03.98	111279	14 50	A13	02.91- 03.98	110394	12 0.85	
Vitara 1.6 4X4	(ET, TA)[G16A(BV)]	10.88- 12.98	111279	14 50		10.88- 12.98	110394	12 0.85	
Vitara 1.6 16V	(ET)[G16B]	09.91- 12.94	111279	14 50		09.91- 12.94	110394	12 0.85	
Vitara 1.6 i 4WD	(ET)[G16B]	09.91- 12.94	111279	14 50		09.91- 12.94	110394	12 0.85	
		07.95- 03.99	111779	14 70					
Vitara 1.9 Diesel	(ET)[XUD9A]	01.95- 03.98	112292	14 70		01.95- 03.98	111070	12 1.7	
						08.96- 03.99	111070	12 1.7	
Vitara 1.9 Diesel 4WD	[XUD9A]	01.95- 03.98	112292	14 70		01.95- 03.98	111070	12 1.7	
Vitara 2.0 16V	[J20A]	12.96- 03.98	111779	14 70					
		12.96- 03.98	113322	14 60					
Vitara 2.0 16V 4WD	[J20A]	12.96- 03.99	111779	14 70					
		12.96- 03.99	113322	14 60					
Vitara 2.0 i Lang	[H20A]	12.94- 03.98	111779	14 70		AT 03.95-	112300	12 1.4	
		03.95- 03.98	111950	14 85					
Vitara 2.0 Diesel 4WD	[RF]	03.95- 03.98	112332	14 70		12.94- 03.98	110389	12 2.0	
Vitara 2.0 TD Intercooler 4WD	[RF]	12.95-	112332	14 70		12.95- 03.98	110389	12 2.0	
Vitara 2.5 i 24V	(ET)[H25A]	03.95- 03.98	111950	14 85		03.95- 03.98	112300	12 1.4	
Vitara 2.5 V6 24V	[H25A]					04.98-	112300	12 1.4	
Wagon R 1.0	[G10A]	07.03- 08.05	114894	14 60		07.03- 08.05	111310	12 0.8	
	[K10A]	09.97- 05.00	113322	14 60		02.98-	111849	12 0.8	
Wagon R+ 1.2 4WD	[K12A]	02.98-	111779	14 70		02.98-	111849	12 0.8	
Wagon R+ 1.2 i	[K12A]	02.98-	111779	14 70		02.98-	111849	12 0.8	
Wagon R+ 1.25 DDIS	(MM)[Z13DT]	09.03-	113720	14 75	A49	09.03-	113843	12 1.1	
		09.03-	113722	14 90	A49				
		09.03-	115963	14 90					
		09.03-	116064	14 75					
Wagon R+ 1.3	(MM)[G13BB]	05.00-	111950	14 85					
		AC 05.00-	111779	14 70		05.00-	111310	12 0.8	
		(MM)[M13A]	09.03-	111950	14 85		09.03-	114060	12 1.0
		09.03-	114245	14 75					
Wagon R+ 1.3 4WD	(MM)[G13BB]	10.01-	111950	14 85					
		AC 10.01-	111779	14 70		10.01-	111310	12 0.8	
Wagon R+ 1.3 VVT 4WD	(MM)[M13A]	09.03-	114245	14 75					
		03.04-	111279	14 50		09.03-	114060	12 1.0	
X-90 1.6 i 16V	[G16B]	09.96-	111279	14 50		09.96-	110394	12 0.85	
X-90 1.6 i 16V 4WD	[G16B]	09.95-	111279	14 50		09.95-	110394	12 0.85	
<b>PASSENGER CARS US</b>									
Esteem 1.6	[G16S]	01.99- 01.99	111779	14 70					
		01.00- 01.00	111779	14 70					
Esteem 1.6 GL		01.95- 01.98	111779	14 70					
Esteem 1.6 GLX		01.95- 01.98	111779	14 70					
Forsa 1.0		01.87-	110965	14 50					
Forsa 1.0 V		01.87-	110965	14 50					
Forsa 1.0 Turbo		01.87-	110965	14 50					
Grand Vitara 2.0	(JT)[J20A]					10.05-	115538	12 1.4	
Grand Vitara 2.5						01.99- 01.03	112300	12 1.4	
Grand Vitara 2.7 XL-7						01.01- 01.02	112300	12 1.4	
LJ 81 1.0		01.81-	110137	14 30					
Samurai 1.3		01.85- 01.90	110965	14 50		01.86- 01.90	110394	12 0.85	
Samurai 1.3 JA		01.91- 01.93	110965	14 50		01.91- 01.93	110394	12 0.85	
Samurai 1.3 JL		01.91- 01.95	110965	14 50		01.91- 01.95	110394	12 0.85	
Samurai 1.3 JS		01.91- 01.91	110965	14 50		01.91- 01.91	110394	12 0.85	
Sidekick 1.3		01.89- 01.89	110965	14 50		01.89- 01.89	110394	12 0.85	
Sidekick 1.6		01.89- 01.93	111279	14 50		01.89- 01.93	111586	12 1.4	
						01.89- 01.93	110394	12 0.85	
Sidekick 1.6 JA		01.96- 01.98	111279	14 50		01.96- 01.98	110394	12 0.85	
Sidekick 1.6 JL		01.91- 01.91	111279	14 50		01.91- 01.91	111586	12 1.4	
Sidekick 1.6 JLX		01.90- 01.95	111279	14 50		01.90- 01.95	110394	12 0.85	
						01.90- 01.93	111586	12 1.4	
Sidekick 1.6 JS		01.90- 01.98	111279	14 50		01.90- 01.98	110394	12 0.85	
						01.90- 01.93	111586	12 1.4	
Sidekick 1.6 JX		01.90- 01.98	111279	14 50		01.90- 01.98	110394	12 0.85	
						01.90- 01.93	111586	12 1.4	
Sidekick 1.8 Sport						01.96- 01.98	110394	12 0.85	
SJ 410 1.0		01.80-	110137	14 30					
SJ 413 1.3		01.85-	110965	14 50					
Swift 1.0 GA		01.92-	110967	14 50					
		01.92-	111279	14 50					
Swift 1.3		01.89- 01.01	111279	14 50		01.89- 01.01	111310	12 0.8	
		01.89- 01.91	110967	14 50					
Swift 1.3 DLX		01.95- 01.98	111279	14 50		01.95- 01.98	111310	12 0.8	
Swift 1.3 GA		01.90- 01.94	110967	14 50		01.90- 01.98	111310	12 0.8	
		01.90- 01.98	111279	14 50					
Swift 1.3 GL		01.90- 01.91	110967	14 50		01.90- 01.91	111310	12 0.8	
		01.90- 01.91	111279	14 50					
Swift 1.3 GLX		01.91- 01.91	111279	14 50		01.91- 01.91	111310	12 0.8	
		01.91- 01.91	110967	14 50					
Swift 1.3 GS		01.92- 01.94	110967	14 50		01.92- 01.94	111310	12 0.8	
		01.92- 01.94	111279	14 50					
Swift 1.3 GT		01.89- 01.94	110967	14 50		01.89- 01.94	111310	12 0.8	
		01.89- 01.94	111279	14 50					
Swift 1.3 L		01.90- 01.94	110967	14 50		01.90- 01.94	111310	12 0.8	
		01.90- 01.94	111279	14 50					
Swift 1.3 S		01.90- 01.90	110967	14 50		01.90- 01.90	111310	12 0.8	
		01.90- 01.90	111279	14 50					
Swift 1.6 GL		01.92-	110967	14 50					
Swift 1.6 GLX		01.92-	110967	14 50					
Vitara 1.6						01.99- 01.01	110394	12 0.85	
						01.99- 01.01	112300	12 1.4	
Vitara 2.0						01.99- 01.00	110394	12 0.85	
						01.99- 01.00	112300	12 1.4	
X-90 1.6 JLX		01.96- 01.98	111279	14 50		01.96- 01.98	110394	12 0.85	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**SUZUKI** Continued

**MOTOR BIKES**

AN400 0.4					01.03-	114182	12	0.7
GN250						114103	12	
KFX80 0.8					01.03- 01.06	111922	12	
LT80 0.8					01.87- 01.06	111922	12	
LT-Z50/LT-Z50Z						116073*	12	
Quadrunner ATV						114103	12	
<b>MARINE</b>								
DF Series						114867	12	0.9
DT20					01.86- 01.88	112008	12	0.6
DT25					01.80- 01.88	112008	12	0.6
DT30					01.83- 01.97	112008	12	0.6
DT35					01.87- 01.89	112008	12	0.6
DT40					01.80- 01.98	112008	12	0.6
PU40					01.92- 01.95	112008	12	0.6
PU55					01.89- 01.90	112008	12	0.6

**Saab**  
**PASSENGER CARS EU**

900 2.0	[B20T]	09.78- 08.80	110911	14	55			
	[BT20]	09.78- 08.80	110911	14	55			
900 2.0 EMS	[Bi20]	01.79- 08.80	110911	14	55			
900 2.0 i	[B204I]					07.93- 08.98	110847	12 1.4
	[B206I]					07.93- 07.94	110847	12 1.4
900 2.0 Turbo	[B204L]					07.93- 08.98	110847	12 1.4
900 2.3	[B234I]					07.93- 08.98	110847	12 1.4
900 2.5 i V6	[B258I]	07.93- 10.98	111514	14	100			
9000 2.0	[B202I]					09.93- 12.98	110847	12 1.4
	[B202S]					09.93- 12.98	110847	12 1.4
	[B204E]					09.94- 12.98	110847	12 1.4
	[B204I]					09.93- 12.98	110847	12 1.4
	[B204S]					09.93- 12.98	110847	12 1.4
9000 2.0 Turbo	[B202S]	09.92- 12.98	111514	14	100			
	[B204E]	09.92- 12.98	111514	14	100			
9000 2.0 Turbo ND	[B202S]	09.93- 12.98	111514	14	100	09.93- 12.98	110847	12 1.4
	[B204E]	09.93- 12.98	111514	14	100	09.93- 12.98	110847	12 1.4
	[B204S]	09.93- 12.98	111514	14	100	09.93- 12.98	110847	12 1.4
9000 2.3	[B234I]					09.93- 12.98	110847	12 1.4
9000 2.3 Aero CS	[B234R]					09.93-	110847	12 1.4
9000 2.3 CS	[B234I]					09.93-	110847	12 1.4
9000 2.3 CSE	[B234I]					09.93-	110847	12 1.4
9000 2.3 Ecopower	[B234E]					09.93- 12.98	110847	12 1.4
9000 2.3 Turbo	[B234L]					09.93- 12.98	110847	12 1.4
9000 2.3 Turbo CS	[B234L]					09.93-	110847	12 1.4
9000 2.3 Turbo CSE	[B234L]					09.93-	110847	12 1.4
9-3X 1.9 TTiD	[A19DTR]	02.09-	114088	14	140	02.09-	113931	12 1.7
		02.09-	114284	14	130	02.09-	114058	12 1.7
		02.09-	115487	14	140 A49			
	[Z19DTR]	02.09-	114088	14	140	02.09-	113931	12 1.7
		02.09-	114284	14	130	02.09-	114058	12 1.7
		02.09-	115487	14	140 A49			
9-3X 2.0	[B207R]	02.09-	113352	14	120	02.09-	115773	12 1.3
9-3X 2.0 Biopower BioPower	[B207R]	02.09-	113352	14	120	02.09-	115773	12 1.3
9-3 1.8 i	[Z18XE]	09.04-	115619	14	120	09.04-	113276	12 1.1
9-3 1.8 Turbo	[B207E]	09.02-	114257	14	140			
9-3 1.9 TiD	[Z19DT]	09.04-	113904	14	130	03.05-	113931	12 1.7
		09.04-	114284	14	130	09.04-	114058	12 1.7
		09.04-	115487	14	140 A49			
	[Z19DTH]	09.04-	113904	14	130	AT 09.04-	113931	12 1.7
		09.04-	114284	14	130	09.04-	114058	12 1.7
		09.04-	115487	14	140 A49			
9-3 1.9 TTiD	[A19DTR]	12.07-	114284	14	130	12.07-	113931	12 1.7
						12.07-	114058	12 1.7
	[Z19DTR]	12.07-	114284	14	130	12.07-	113931	12 1.7
9-3 2.0	[A20NFT]					01.11-	115575	12 1.4
	[B207M]	02.09-	113352	14	120	02.09-	115773	12 1.3
	[B207R]	09.02-	114257	14	140	06.08-	114341	12 1.2
		05.09-	113352	14	120	05.09-	115773	12 1.3
						04.06- 09.07	114341	12 1.2
9-3 2.0 Biopower	[B207L]					01.07-	114341	12 1.2
9-3 2.0 XWD	[A20NFT]					01.11-	115575	12 1.4
	[B207G]	01.07-	113352	14	120	01.07-	115773	12 1.3
9-3 2.0 i	[B204I]	02.98- 08.00	113273	14	140	02.98- 12.99	110847	12 1.4
9-3 2.0 Turbo	[A20NFT]					01.11-	115575	12 1.4
	[B204E]	10.98- 08.00	113273	14	140	10.98- 12.99	110847	12 1.4
	[B204L]					02.98- 12.99	110847	12 1.4
	[B205E]	09.99- 08.03	113273	14	140	01.01- 09.02	110847	12 1.4
	[B205L]					02.98- 12.99	110847	12 1.4
	[B205R]	03.98- 08.00	113273	14	140	10.99- 09.02	110847	12 1.4
	[B207E]	03.05-	113352	14	120	03.05-	114341	12 1.2
						03.05-	115773	12 1.3
	[B207G]	01.07-	113352	14	120	01.07-	115773	12 1.3
	[B207L]	09.02-	114257	14	140			
	[B207R]	09.02-	114257	14	140			
		05.09-	113352	14	120	05.09-	115773	12 1.3
9-3 2.0 Turbo SE	[B204R]	09.98- 08.00	113273	14	140	02.98- 12.99	110847	12 1.4
9-3 2.0 Turbo XWD	[A20NFT]					01.11-	115575	12 1.4
	[B207R]	05.09-	113352	14	120	05.09-	115773	12 1.3
9-3 2.0 Biopower	[A20NFT]					01.11-	115575	12 1.4
9-3 2.0 Biopower XWD	[A20NFT]					01.11-	115575	12 1.4
9-3 2.0 Biopower BioPower	[B207L]	01.07-	114257	14	140	05.09-	115773	12 1.3
		05.09-	113352	14	120			
	[B207M]	06.07-	113352	14	120	06.07-	115773	12 1.3
9-3 2.0 Turbo Biopower	[A20NFT]					01.11-	115575	12 1.4
	[B207M]	02.09-	113352	14	120	02.09-	115773	12 1.3
9-3 2.0 Biopower	[A20NFT]					01.11-	115575	12 1.4
9-3 2.0 Biopower						06.07-	114341	12 1.2

**STARTERS & ALTERNATORS**



9-3 2.2 TD	[D223L]	09.02- 02.98- 11.00	114468 114381	14 140 14 120		09.02-	113674	12 2.0	
	[X22DTH]	02.98- 11.00	114381	14 120					
9-3 2.2 TiD	[D223L]	11.00- 09.02	114381	14 120		11.00- 09.02	113674	12 2.0	
9-3 2.3 i	[B234I]					02.98- 12.99	110847	12 1.4	
9-3 2.3 Turbo	[B235R]	09.99- 08.03	113273	14 140		10.99- 08.03	110847	12 1.4	
9-3 2.8	[B284L]					04.08-	115597	12 1.4	
	[B284R]					05.08-	115597	12 1.4	
9-3 2.8 Turbo 16V	[LP9]					03.05-	115597	12 1.4	
9-3 2.8 Turbo V6	[B284L]					12.07-	115597	12 1.4	
	[LP9]					03.05-	115597	12 1.4	
9-3 2.8 Turbo	[B284R]					05.08-	115597	12 1.4	
9-5 1.6 Turbo	[A16LET]	05.10-	114067	14 140		05.10-	114298	12 1.1	
9-5 1.9 TiD	[Z19DTH]	01.06-	114284	14 130		01.06-	113931	12 1.7	
	[Z19DTR]	01.07-	114284	14 130		01.07-	113931	12 1.7	
9-5 2.0 Turbo	[A20NHT]					05.10-	115575	12 1.4	
	[B204R]	Chas. 13054632- 09.99- 08.00	113273	14 140		05.10-	115773	12 1.3	
	[B205E]	Chas. 13054632- 09.97- 09.00	113273	14 140		10.98-	110847	12 1.4	
9-5 2.0 Turbo Biopower	[A20NHT]					09.97-	110847	12 1.4	
						05.10-	115575	12 1.4	
						05.10-	115773	12 1.3	
9-5 2.0 TiD	[A20DTH]					05.10-	113931	12 1.7	
9-5 2.0 TTiD	[A20DTR]	05.10-	114202	14 100		05.10-	114058	12 1.7	
		05.10-	114847*	14 140					
9-5 2.2 TiD	[D223L]	03.02-	114656	14 140		03.02-	113674	12 2.0	
9-5 2.3 Turbo 16V	[B235E]	Chas. 13054632- 09.97- 08.00	113273	14 140		09.97-	110847	12 1.4	
9-5 2.3 Turbo	[B235E]	Chas. 13054632- 06.99- 08.00	113273	14 140		10.98-	110847	12 1.4	
	[B235L]	07.03-	113273	14 140					
	[B235R]	05.99- 09.01	113273	14 140	Chas. W3084484-, X3003578-	10.99-	110847	12 1.4	
		Chas. 13054632- 05.99- 09.01	113273	14 140					
9-5 2.8 V6 XWD	[A28NER]					05.10-	115597	12 1.4	
						05.10-	115745	12 2.2	
9-5 3.0 TiD	[D308L]	07.01-	115907	14 140		07.01-	114526	12 2.0	
<b>PASSENGER CARS US</b>									
900 2.0 Turbo	[B202L]					01.94- 01.94	110847	12 1.4	
900 2.0 Turbo Commemorative	[B202R]					01.94- 01.94	110847	12 1.4	
900 2.0 Turbo S	[B204L]					01.98- 01.98	110847	12 1.4	
900 2.0 Turbo SE	[B204L]					01.94- 01.98	110847	12 1.4	
900 2.3 S	[B234I]					01.94- 01.98	110847	12 1.4	
9000 2.3 Turbo AERO	[B234L]					01.96- 01.97	110847	12 1.4	
	[B234R]					01.96- 01.97	110847	12 1.4	
9000 2.3 Turbo CS	[B234E]					01.95- 01.97	110847	12 1.4	
9000 2.3 Turbo CSE	[B234L]					01.95- 01.98	110847	12 1.4	
	[B234R]					01.98- 01.98	110847	12 1.4	
9-2X 2.5	[EJ253]	01.06-	114214	14 80					
9-2X 2.5 Linear	[251]	01.05-	113634	14 90					
	[253]	01.05-	113634	14 90					
9-2X 2.5 Turbo Aero	[EJ255]	01.06-	114214	14 80					
9-3 2.0 Turbo	[B204L]					01.99- 01.99	110847	12 1.4	
	[B205L]					01.00- 01.01	110847	12 1.4	
	[B205R]					01.02- 01.02	110847	12 1.4	
9-3 2.0 Turbo SE	[B204R]					01.99- 01.99	110847	12 1.4	
	[B205R]					01.00- 01.01	110847	12 1.4	
9-3 2.3 Turbo Viggen	[B235R]					01.99- 01.02	110847	12 1.4	
9-5 2.3 Turbo	[B235E]					01.99- 01.01	110847	12 1.4	
9-5 2.3 Turbo Aero	[B235R]					01.00- 01.01	110847	12 1.4	
<b>PASSENGER CARS AO</b>									
9-5 2.0 Turbo SE	[B205E]					10.98- 07.00	110847	12 1.4	
<b>Takeuchi</b>									
<b>INDUSTRY</b>									
TL140 Terrain Loader	[Isuzu]		115432	14 50					
<b>Talbot</b>									
<b>PASSENGER CARS EU</b>									
Express 1.8	[XM7T]					09.81- 12.93	111066	12 1.05	
Express 1.9 Diesel	[XUD9A]	07.87- 12.93	111076	14 50		11.87- 12.93	111070	12 1.7	
Express 2.0	[XN1TA]					09.81- 12.93	111066	12 1.05	
Express 2.5 Diesel	[CRD93]					09.81- 12.93	111115	12 2.2	
Express 2.5 Diesel 4x4	[CRD93]					09.81- 12.93	111115	12 2.2	
Express 2.5 TD	[CRD93LS]					09.81- 12.93	111066	12 1.05	
						06.87- 12.93	111115	12 2.2	
Express 2.5 TD 4x4	[CRD93LS]					09.81- 12.93	111066	12 1.05	
						11.88- 12.93	111115	12 2.2	
Horizon 1.9 Diesel	[XUD9]	07.82- 06.86	111076	14 50		07.82- 06.86	111070	12 1.7	
Samba 1.0	[5C1 (XV5)]	01.81- 12.85	111075	14 55		01.81- 12.85	111068	12 0.85	
	[5C1 (XV8)]	06.83- 12.87	111075	14 55		06.83- 12.87	111068	12 0.85	
Samba 1.1	[XW7]	01.81- 06.86	111075	14 55		01.81- 06.86	111068	12 0.85	
Samba 1.2 Rallye	[129D]	06.83- 12.87	111075	14 55		06.82- 12.87	111068	12 0.85	
Samba 1.4	[150D]	06.83- 10.86	111075	14 55		06.83- 10.86	111068	12 0.85	
	[XY7]	06.83- 12.87	111075	14 55		06.83- 12.87	111068	12 0.85	
	[XY8]	01.81- 12.87	111075	14 55		01.81- 12.87	111068	12 0.85	
Samba 1.4 Rallye	[XY8]	01.83- 10.86	111075	14 55		01.83- 10.86	111068	12 0.85	
Solara 1.6	[J1B]					11.84- 07.86	111070	12 1.7	
Sunbeam 1.3 Simca	[JB]	07.77- 04.81	110178	14 36					
Sunbeam 1.6 Simca	[TB]	10.78- 04.81	110178	14 36					
Tagora 2.3 TD	[XD2S]					08.81- 12.87	111125	12 2.2	
<b>Tata</b>									
<b>PASSENGER CARS EU</b>									
Safari 1.9 Diesel	[483DL]	04.00-	112650	14 65					
Various models							112164	12 1.4	
<b>Tatra</b>									
<b>TRUCKS EU</b>									
Various models			111009	28 35					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

TCM									
FORK LIFTS									
FC 3024								111683	12 2.0
								111709	12 2.2
								111573	12 2.8
FG 15	[A15]		110128	14 35				110256	12 0.8
								110155	12 1.0
								111452	12 0.8
FG 20			110128	14 35				110155	12 1.0
			112068	14 35				111452	12 0.8
								110256	12 0.8
FHG 35								110144	12 1.0
FHG 40								110144	12 1.0
FT 25								110412	12 2.2
Various models	[Kubota V3300]							114167	12 3.0
Various models	[15-20T]							114346	24 5.5
Tecumseh									
MOTORS									
HM70 - HM100								112312	12 0.48
OH50								112566	12 0.5
OHH50								112566	12 0.5
OHV110								112566	12 0.5
OHV120								112566	12 0.5
OHV130								112566	12 0.5
OHV135								112565	12 0.5
								112566	12 0.5
OHV14								112565	12 0.5
OHV145								112565	12 0.5
OHV15								112565	12 0.5
OHV150								112565	12 0.5
OHV155								112565	12 0.5
OHV16								112565	12 0.5
OHV160								112565	12 0.5
OHV165								112565	12 0.5
OHV17								112565	12 0.5
OHV170								112565	12 0.5
OHV175								112565	12 0.5
OVMI20								112312	12 0.48
OVXL120								112312	12 0.48
TVM170 - TVM220								112312	12 0.48
TVXL170 - TVXL220								112312	12 0.48
MISCELLANEOUS									
Various models								112313	12 0.5
								112570#	120
								114521	12
Teksan									
MOTORS									
TJ145PE5A	[1006-TAG]							115389	12 4.2
Temsa									
TRUCKS EU									
14 10.5	[D2066LOH04]	01.06-	114528*	28 120					
		01.06-	115496	28 120 A49					
Terex									
AGRICULTURE									
TX750 TX860B TX860SB TS960 TS965		01.99-	115848	14 95					
INDUSTRY									
873			114714	28 80					
Thermo King									
MISCELLANEOUS									
30 DI TC		01.79-	110177	14 51					
		01.89-	110488	14 65					
		01.89-	110487	14 37					
30 MAX		01.89-	110488	14 65		01.79-	110820	12 2.0	
		01.89-	110487	14 37					
		01.79-	110177	14 51					
HK 100	[TK2.44]	01.89-	110487	14 37					
		01.89-	110488	14 65					
HK 30	[TK2.44]	01.89-	110487	14 37					
		01.89-	110488	14 65					
HK 60	[TK2.44]	01.89-	110487	14 37					
		01.89-	110488	14 65					
KD 30	[TK3.66]	01.89-	110487	14 37					
		01.89-	110488	14 65					
KD 50	[TK3.66]	01.89-	110487	14 37					
		01.89-	110488	14 65					
SB II 30 DI TC		01.79-	110177	14 51					
		01.89-	110487	14 37					
		01.89-	110488	14 65					
SB III		01.90-	111216	14 37					
Super		01.93-	111216	14 37		01.93-	110820	12 2.0	
TD II 30	[TK3.88]	01.89-	110487	14 37					
		01.89-	110488	14 65					
TD II 50 MAX	[TK3.88]	01.89-	110487	14 37					
		01.89-	110488	14 65					
Various models						01.70- 01.88	110485	12 1.4 ND	
							112232	12 2.4	
			113716	14 120			114213	12 2.0	
			116079*	14 90			114253	12 2.0 HI	
			114348	28 150			110820	12 2.0 HI	
			110422	14 30			112371	12 2.2 HI	
Thomas									
INDUSTRY									
225	[V3300]		114807	14 60					
245	[V3300]		114807	14 60					

**STARTERS & ALTERNATORS**



Thwaites										
INDUSTRY										
Various models									113269	12 3.0
Timberjack										
INDUSTRY										
608		01.95-	111647#	28	60					
		01.95-	112160	28	75					
618		01.95-	111647#	28	60					
		01.95-	112160	28	75					
628		01.95-	111647#	28	60					
		01.95-	112160	28	75					
850		01.98-	111647#	28	60					
		01.98-	112160	28	75					
950		01.98-	111647#	28	60					
		01.98-	112160	28	75					
1010	[1004-4T]	01.97- 01.98	112038	28	100					
2618		01.95-	111647#	28	60					
		01.95-	112160	28	75					
2628		01.95-	111647#	28	60					
		01.95-	112160	28	75					
810C	[1004-40T]	01.99-	112038	28	100					
Toro										
INDUSTRY										
52	[Briggs & Stratton]					01.79- 01.86	111804	12	0.6	
62	[Onan]					01.86- 01.86	113015	12		
224	[Mitsubishi]					01.89- 01.96	112178	12	1.6	
220D	[Mitsubishi]					01.88- 01.91	112178	12	1.6	
223D	[Mitsubishi]					01.01	112178	12	1.6	
5100D	[Mitsubishi]						112178	12	1.6	
Precision Z320	[Honda]						115406	12	0.8	
Precision Z340	[Honda]						114375	12	0.6	
Precision Z350	[Honda]						114375	12	0.6	
Timecutter Z530	[Honda]						114375	12	0.6	
Toyota										
PASSENGER CARS EU										
4 Runner 2.4	(_N130_) [22REC]	08.87- 03.96	113077	14	70	01.94- 01.95	113109	12	1.0	
4 Runner 3.0 TD	[1KZ-T]					11.95-	113757	12	2.2	
4 Runner 3.0 TD 4WD	(N130) [1KZ-T]					10.93- 03.96	113757	12	2.2	
4 Runner 3.4	[5VZ-FE]	11.95- 07.02	114362	14	80					
4 Runner 3.4 i	[5VZ-FE]	11.95- 03.96	114362	14	80					
4 Runner 4.7	[2UZ-FE]					08.02-	114440	12	1.4	
Auris 1.2	(NZE18_ ZRE18_) [8NR-FTS]					03.15-	114886	12	1.2	
Auris 1.3 Dual-VVTi	(NRE15_ ZZE15_ ADE15_ ZRE15) A25	01.10-	114682	14	100					
	[1NR-FE]									
	(NRE150)	A25	05.09-	114900	14	100				
		A25	05.09-	114682	14	100				
Auris 1.4 D-4D	(NDE150) [1ND-TV]	03.07-	113972	14	100	03.07-	114068	12	1.1	
		03.07-	115657	14	100	A13 03.07-	114071	12	2.0	
						03.07-	115644	12	2.0	
						03.07-	115723	12	1.4	
	(NZE18_ ZRE18_)					10.12-	115723	12	1.4	
	(ZRE18_ NZE18_)					03.13-	115723	12	1.4	
Auris 1.6	(NZE18_ ZRE18_) [1ZR-FAE]					10.12-	114886	12	1.2	
	(ZRE151)	05.09-	114694	14	100	05.09-	114886	12	1.2	
Auris 1.6 VVTi	(ZRE51) [1ZR-FE]	03.07-	114455	14	90	03.07-	114886	12	1.2	
		03.07-	115863	14	100					
Auris 1.8	(ZRE152) [2ZR-FAE]	02.09-	114694	14	100	02.09-	114886	12	1.2	
		02.09-	114694	14	100					
Auris 2.0 D-4D	(ADE150) [1AD-FTV]	03.07-	114490	14	100	03.07-	114216	12	2.0	
	(NZE18_ ZRE18_)					10.12-	116091*	12	1.9	
Auris 2.2 Diesel	(ADE157) [2AD-FHV]	03.07-	114490	14	100	03.07-	114216	12	2.0	
Auris Touring Sports 1.2	(ADE18_ ZWE18_ ZRE18_) [8NR-FTS]					03.15-	114886	12	1.2	
Auris Touring Sports 1.4 D-4D	[1ND-TV]					07.13-	115723	12	1.4	
Auris Touring Sports 1.6	[1ZR-FAE]					07.13-	114886	12	1.2	
Auris Touring Sports 2.0 D-4D	[1AD-FTV]					07.13-	116091*	12	1.9	
Avensis 1.6	(T27) [1ZR-FAE]	02.09-	114694	14	100	02.09-	114886	12	1.2	
	[4A-FE]	09.97-	112860#	14	80	09.97-	111984	12	1.1	
Avensis 1.6 i 16V	(T22) [3ZZ-FE]	10.00-	113296	14	80	10.00-	113271	12	1.1	
		10.00-	113296	14	80	10.00-	113271	12	1.1	
Avensis 1.6 VVTi	(T25) [3ZZ-FE]	01.03- 02.04	113296	14	80	04.03-	114056	12	1.3	
		04.03-	114709	14	90					
Avensis 1.8	(T25) [1ZZ-FE]	04.03-	113296	14	80	04.03-	114056	12	1.3	
		04.03-	114709	14	90					
	(T27) [2ZR-FAE]	02.09-	114694	14	100	02.09-	114886	12	1.2	
	[7A-FE]	09.97-	112860#	14	80	09.97-	111984	12	1.1	
Avensis 1.8 i 16V	(_T22_) [1ZZ-FE]	10.00-	113296	14	80	10.00-	113271	12	1.1	
	(ST220)	10.00-	113296	14	80	10.00-	113271	12	1.1	
Avensis 2.0	(T27) [1AZ-FE]	02.09-	114694	14	100					
	(T25) [1AZ-FSE]	04.03-	115416	14	100	04.03-	114037	12	1.6	
						04.03-	114817	12	1.3	
	[3S-FE]					09.97-	111463	12	1.0	
	(T27) [3ZR-FAE]	02.09-	114694	14	100	02.09-	114886	12	1.2	
	(T27) [3ZR-FE]	02.09-	114694	14	100	02.09-	114886	12	1.2	
Avensis 2.0 i 16V	(ST220) [1AZ-FSE]	10.00- 02.03	113902	14	100	10.00-	112367	12	1.4	
Avensis 2.0 VVTi	(T25) [1AZ-FE]	03.03-	115416	14	100	03.03-	114817	12	1.3	
Avensis 2.0 VVTi Verso	(AC_) [1AZ-FE]	08.01-	114273	14	100	08.01-	112367	12	1.4	
						08.01-	114255	12	1.3	
Avensis 2.0 D-4D	(T25) [1AD-FTV]	03.06-	114390	14	100	03.06-	114216	12	2.0	
	(T27)	11.11-	114390	14	100	11.11-	114216	12	2.0	
		11.11-	114410	14	130	11.11-	115839	12	2.0	
	(T22) [1CD-FTV]	10.99- 02.03	114227	14	120	10.99-	112006	12	2.0	
	(T25)	04.03-	114010	14	100	04.03-	112006	12	2.0	
Avensis 2.0 D-4D Verso	(AC_) [1CD-FTV]	08.01-	114115	14	130	08.01-	111874	12	2.2	
						08.01-	114240	12	1.4	
Avensis 2.0 Diesel	(T27) [1AD-FTV]	02.09-	114390	14	100	02.09-	115839	12	2.0	
		02.09-	114410	14	130					

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O.E.M. names and numbers are used for reference purposes only.



**TOYOTA** *Continued*

	(_T22_) [1CD-FTV]	09.02- 02.03	114227	14	120				
Avensis 2.0 TD	[2C-TE]					09.97-	112006	12	2.0
Avensis 2.2 D-4D	(T25) [2AD-FTV]	10.05-	114390	14	100	10.05-	114216	12	2.0
Avensis 2.2 D-4D CAT	(T25) [2AD-FHV]	07.05-	114390	14	100	07.05-	114216	12	2.0
Avensis 2.2 Diesel	(T27) [2AD-FHV]	02.09-	114390	14	100	02.09-	115839	12	2.0
		02.09-	114410	14	130				
	(T27) [2AD-FTV]	02.09-	114390	14	100	02.09-	115839	12	2.0
		02.09-	114410	14	130				
Avensis 2.4	(T25) [2AZ-FSE]	09.03-	115416	14	100	09.03-	114037	12	1.6
Aygo 1.0 i	[1KR-FE]	07.05-	114090	14	70	07.05-	113963	12	1.1
		07.05-	114099	14	80				
Aygo 1.0	(KGB10) [1KR-FE]	07.05-	114090	14	70	07.05-	113963	12	1.1
		07.05-	114099	14	80				
Aygo 1.4 HDi	[2WZTV]	07.05-	112469	14	90	07.05-	113254	12	1.4
		07.05- 08.10	113755	14	150	07.05-	113933	12	1.5
Camry 1.8	[1S]	10.86- 08.88	111705	14	70				
		11.86- 08.88	110496	14	60				
		11.86- 08.88	111435	14	70				
	(SV10) [1S-L]	10.82- 10.86	111705	14	70				
		02.83- 10.86	110496	14	60				
		02.83- 10.86	111435	14	70				
Camry 1.8 i	[1S-L]	10.86- 08.88	110496	14	60	10.86- 08.88	111544	12	1.4
		10.86- 08.88	111435	14	70				
		10.86- 08.88	111705	14	70				
Camry 2.0	[2S-E]	03.83- 05.91	111705	14	70				
		04.86- 01.88	110496	14	60	10.86- 05.91	111544	12	1.4
		04.86- 01.88	111435	14	70				
	(SV11) [2S-EL]	03.83- 10.86	110496	14	60				
		03.83- 10.86	111435	14	70				
		03.83- 10.86	111705	14	70				
	[2S-ELC]	03.83- 05.91	111705	14	70				
		04.86- 01.88	110496	14	60	10.86- 05.91	111544	12	1.4
		04.86- 01.88	111435	14	70				
	(SV21) [3S-FE]	10.86- 05.91	111435	14	70	11.86- 05.91	111544	12	1.4
		11.86- 05.91	111705	14	70				
Camry 2.0 16V GLi	(SV21) [3S-FE]	11.86- 05.91	111435	14	70	11.86- 05.91	111544	12	1.4
		11.86- 05.91	111705	14	70				
Camry 2.0 TD	(CV20) [2C-T]					A13 08.88- 05.91	111564	12	2.2
	(CV21)					A13 08.88- 05.91	111564	12	2.2
						A13 08.88- 05.91	111564	12	2.2
Camry 2.2	(_V20_) [5S-FE]	08.96- 09.01	111517	14	70				
		08.99- 09.01	111468	14	80	08.99- 09.01	112367	12	1.4
	(SVX10)	06.91- 08.96	111435	14	70	08.94-	111463	12	1.0
		06.91- 07.92	111705	14	70				
		01.92-	111517	14	70	A13 08.94-	111550	12	1.4
		08.92-	111468	14	80	06.91- 07.94	111544	12	1.4
	(SVX20)	08.96- 08.99	111517	14	70				
		08.99- 11.01	111468	14	80	08.96- 11.01	112367	12	1.4
Camry 2.5	(VZV21) [2VZ-FE]	08.88- 05.91	111480	14	70	02.88- 05.91	111544	12	1.4
Camry 2.5 V6 GXi	(VZV21) [2VZ-FE]	08.88- 05.91	111480	14	70	02.88- 05.91	111544	12	1.4
Camry 3.0	(VCV10) [3VZ-FE]	06.92-	111965	14	80	06.91- 07.94	111544	12	1.4
						08.94-	111463	12	1.0
						08.94-	111550	12	1.4
Camry 3.0 24V	(MCV20) [1MZ-FE]					08.96- 11.01	112367	12	1.4
Camry 3.0 V6	(_V20_) [1MZ-FE]					04.00-	112367	12	1.4
	(V3)					11.01-	114037	12	1.6
Carina 1.6	(ST150) [1S-EL]	10.83- 11.87	110496	14	60				
		10.83- 11.87	111435	14	70				
		10.83- 11.87	111705	14	70				
	(TA1) [2T]	02.76- 03.78	110138	14	40				
		02.76- 03.78	110258	14	35				
	(TA12)	05.73- 03.78	110138	14	40				
		05.73- 03.78	110258	14	35				
	(TA4K)	03.81- 01.82	110138	14	40				
		03.81- 01.82	110258	14	35				
	(TA4K, TA60LG)	04.78- 02.82	110138	14	40				
		04.78- 09.83	110258	14	35				
	(TA4L, TA60L)	01.78- 01.82	110138	14	40				
		01.78- 09.83	110258	14	35				
	[2TB]	10.75- 03.78	110138	14	40				
		10.75- 03.78	110258	14	35				
	(AT171) [4A-F]	12.87- 08.90	110682	14	70	12.87- 08.90	110713	12	1.0
						12.87- 08.90	111455	12	0.8
	(AT171) [4A-FE]	12.87- 02.92	110682	14	70	12.87- 03.92	110713	12	1.0
						12.87- 03.92	111455	12	0.8
	(AT151) [4A-L]	10.83- 11.87	110250	14	50				
	(AT151) [4A-LC]	10.83- 11.87	110250	14	50				
		10.83- 11.87	110496	14	60				
Carina 1.8	(ST150) [1S-L]	10.83- 11.87	111435	14	70				
		10.83- 11.87	111705	14	70				
	[3T]	01.82- 09.83	110138	14	40				
		01.82- 02.87	110258	14	35				
Carina 2.0	(ST171) [3S-FE]	12.87- 11.89	111705	14	70				
		11.89- 02.92	111435	14	70	12.87- 03.92	111544	12	1.4
		12.87- 11.89	111705	14	70				
		11.89- 02.92	111435	14	70	12.87- 04.92	111544	12	1.4
Carina 2.0 Diesel	(T17) [2C]					A13 12.87- 11.92	111564	12	2.2
	(T17) [2C-L]					A13 12.87- 11.92	111564	12	2.2
						A13 12.87- 11.92	111564	12	2.2
Carina E 1.6	(AT190) [4A-FE]	02.92-	111579	14	70	02.92- 01.96	111455	12	0.8
		02.92-	112860#	14	80	02.92- 01.96	111984	12	1.1
Carina E 1.6 GLi	(AT190) [4A-FE]	02.92-	111579	14	70	02.92- 01.96	111455	12	0.8
		02.92-	112860#	14	80	02.92- 01.96	111984	12	1.1
	(ST191)	01.93-	111579	14	70	01.93- 01.96	111455	12	0.8
		01.93-	112860#	14	80	01.93- 01.96	111984	12	1.1



Carina E 1.6 16V	(AT190)[4A-FE]	12.94-	111579	14 70	12.94- 01.96	111455	12 0.8
		12.94-	112860#	14 80	12.94- 01.96	111984	12 1.1
	(CT190)	10.95-	111579	14 70	10.95- 01.96	111455	12 0.8
		10.95-	112860#	14 80	10.95- 01.96	111984	12 1.1
Carina E 1.6 i	(AT190)[4A-FE]	02.95-	111579	14 70	02.95- 01.96	111455	12 0.8
		02.95-	112860#	14 80	02.95- 01.96	111984	12 1.1
Carina E 1.8	(AT191)[7A-FE]	01.95-	111579	14 70	01.95- 01.96	111455	12 0.8
		01.95-	112860#	14 80	01.95- 01.96	111984	12 1.1
Carina E 1.8 i	(AT191)[7A-FE]	02.95-	111579	14 70	02.95- 01.96	111455	12 0.8
		02.95-	112860#	14 80	02.95- 01.96	111984	12 1.1
Carina E 2.0	(ST191)[3S-FE]	02.92-	111468	14 80	02.92-	111463	12 1.0
		02.92-	111517	14 70	A13 02.92-	111550	12 1.4
Carina E 2.0 GLi	(ST191)[3S-FE]	02.92-	111468	14 80	02.92-	111463	12 1.0
		02.92-	111517	14 70	A13 02.92-	111550	12 1.4
Carina E 2.0 GTi	(ST191)[3S-GE]	02.92- 02.94	111468	14 80	A13 02.92- 01.96	111550	12 1.4
		02.92- 02.94	111517	14 70			
Carina E 2.0 i 16V	(ST191)[3S-FE]	02.92-	111468	14 80	02.92-	111463	12 1.0
		02.92-	111517	14 70	A13 02.92-	111550	12 1.4
	(ST191)[3S-GE]	02.92- 02.94	111517	14 70	A13 03.94-	111550	12 1.4
					03.94-	111463	12 1.0
Carina E 2.0 i	(ST191)[3S-FE]	02.92-	111468	14 80	02.92-	111463	12 1.0
		02.92-	111517	14 70	A13 02.92-	111550	12 1.4
	(ST191)[3S-GE]	04.92- 02.94	111517	14 70	04.92- 02.94	111463	12 1.0
					04.92- 02.94	111550	12 1.4
Carina E 2.0 Diesel	(CT190)[2C]	12.92- 01.96	111598	14 80	02.94- 01.96	111874	12 2.2
Carina E 2.0 TD	(CT190)[2C-T]				01.96-	111874	12 2.2
Celica 1.6	(TA2)[2T]	02.76- 03.78	110138	14 40			
		02.76- 03.78	110258	14 35			
	(TA60)	02.79- 08.83	110138	14 40			
		02.79- 08.83	110258	14 35			
	(TA22)[2TB]	05.73- 03.78	110138	14 40			
		05.73- 03.78	110258	14 35			
	(TA4C)	02.79- 07.83	110138	14 40			
		02.79- 07.83	110258	14 35			
	(TA4C,TA60)	08.77- 01.82	110138	14 40			
		08.77- 08.85	110258	14 35			
	(TA60)	08.77- 08.85	110138	14 40			
		08.77- 08.85	110258	14 35			
	(TA22)[2TJ]	05.73- 03.78	110138	14 40			
		05.73- 03.78	110258	14 35			
Celica 1.6 GT	(TA4C)[2TG]	04.80- 02.82	110138	14 40			
		04.80- 02.82	110258	14 35			
	(TA22)[2T-G]	12.74- 03.78	110138	14 40			
		12.74- 03.78	110258	14 35			
	(TA4C)	04.78- 02.82	110138	14 40			
		04.78- 02.82	110258	14 35			
	(RA6)[4A-GE]	08.83- 07.85	110496	14 60			
		12.83- 10.86	111435	14 70			
	(AT160)[4A-GELC]	08.87- 08.89	110496	14 60			
		08.87- 08.89	111435	14 70			
Celica 1.6 16V GT	(AT160)[4A-GEL]	09.85- 08.89	110496	14 60			
		09.85- 08.89	111435	14 70			
		04.86- 08.89	110496	14 60			
Celica 1.8 16V TS	(ZZT231)[2ZZ-GE]				11.99-	113271	12 1.1
Celica 1.8 i 16V	[7A-FE]	11.93-	111579	14 70	11.93-	111455	12 0.8
		11.93-	112860#	14 80			
Celica 1.8 VVTi 16V	(ZZT230)[1ZZ-FE]	11.99-	114361	14 80	08.99-	113271	12 1.1
Celica 2.0	(RA40)[18R]	02.79- 07.85	110138	14 40	02.79- 07.81	110152	12 0.9
		02.79- 07.85	110258	14 35	08.81- 08.83	110260	12 1.0
	(TA2)				10.75- 07.77	110152	12 0.9
	(RA6)[18R-G]	01.82- 08.85	110138	14 40	01.82- 07.85	110260	12 1.0
		01.82- 10.86	110258	14 35			
	(RA63)	02.78- 08.83	110138	14 40	08.77- 07.81	110152	12 0.9
		02.78- 08.83	110258	14 35	08.81- 08.83	110260	12 1.0
	(RA61)[21R-C]	02.82- 08.85	110138	14 40	02.82- 07.85	110260	12 1.0
		02.82- 08.85	110258	14 35			
	(RA6)[21R-U]	01.82- 08.85	110138	14 40	01.82- 08.83	110260	12 1.0
Celica 2.0 GT	(ST162)[3S-GEL]	01.82- 08.85	110258	14 35			
	[3S-GEL]	01.87- 08.90	110496	14 60			
		01.87- 08.90	111435	14 70			
		08.87- 08.90	111705	14 70			
		10.86- 08.90	110496	14 60			
		10.86- 08.90	111435	14 70			
		08.87- 08.90	111705	14 70			
		08.85- 08.89	111435	14 70			
		08.86- 08.89	110496	14 60			
		08.87- 08.89	111705	14 70			
Celica 2.0 GT	(ST162)[3S-GELC]	10.86- 08.90	110496	14 60			
		10.86- 08.90	111435	14 70			
		08.87- 08.90	111705	14 70			
		08.85- 08.89	111435	14 70			
		08.86- 08.89	110496	14 60			
		08.87- 08.89	111705	14 70			
Celica 2.0 GT	(ST162)[3S-GELC]	10.86- 08.90	110496	14 60			
		10.86- 08.90	111435	14 70			
		08.87- 08.90	111705	14 70			
		09.85- 08.89	110496	14 60			
		09.85- 08.89	111435	14 70			
		08.87- 08.89	111705	14 70			
Celica 2.0 16V	(T20)[3S-GE]				08.96- 05.99	111550	12 1.4
					11.93- 08.99	111550	12 1.4
Celica 2.0 GTi	(ST182)[3S-GE]	03.90- 11.92	111435	14 70	10.89- 10.93	111544	12 1.4
Celica 2.0 i 16V	(ST202)[3S-GE]				11.93-	111550	12 1.4
Celica 2.0 Turbo 4WD	(ST185)[3S-GTE]	10.89- 01.94	111435	14 70	10.89- 01.94	111544	12 1.4
		10.89- 01.94	111705	14 70			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**TOYOTA** *Continued*

Celica 2.0 Turbo GT 4WD	(T16F)[3S-GTE]	03.88- 08.90	111435	14 70	03.88- 08.90	111544	12	1.4
		03.88- 08.90	111705	14 70				
Coaster 4.1 LPG	(ZB4_, ZB5_, HZ_)	11.03-	116029	28 60				
Coaster 4.2 TD		02.93- 10.03	116029	28 60				
Corolla 1.2	(KE36)[3K]	07.75- 11.78	110138	14 40				
		07.75- 01.80	110258	14 35				
	(KE/TE)[3K-B]	09.76- 11.78	110138	14 40				
		09.76- 01.80	110258	14 35				
	(KE20)	10.72- 10.75	110137	14 30				
		10.72- 06.77	110138	14 40				
	(KE20,25,30)	08.74- 10.75	110137	14 30				
		08.74- 11.78	110138	14 40				
	(KE35)	08.74- 12.80	110258	14 35				
		07.75- 11.78	110138	14 40				
	(KE/TE)[3K-C]	07.75- 01.80	110258	14 35				
		09.76- 11.78	110138	14 40				
	(KE20)	09.76- 01.80	110258	14 35				
		10.72- 10.75	110137	14 30				
	(KE20,25,30)	10.72- 06.77	110138	14 40				
		08.74- 10.75	110137	14 30				
	(KE35)	08.74- 11.78	110138	14 40				
		08.74- 12.80	110258	14 35				
	(KE/TE)[3K-H]	07.75- 11.78	110138	14 40				
		07.75- 01.80	110258	14 35				
	(KE20)	09.76- 11.78	110138	14 40				
		09.76- 01.80	110258	14 35				
	(KE20,25,30)	10.72- 10.75	110137	14 30				
		10.72- 06.77	110138	14 40				
(KE20,25,30)	08.74- 10.75	110137	14 30					
	08.74- 11.78	110138	14 40					
(KE35)	08.74- 10.75	110258	14 35					
	07.75- 11.78	110138	14 40					
(KE36)	07.75- 11.78	110138	14 40					
	07.75- 01.80	110258	14 35					
Corolla 1.3	(NRE150)[1NR-FE]				10.08-	115613	12	1.0
	(AE80)[2A-L]	06.83- 10.84	110250	14 50				
		08.87- 04.92	110628	14 45	08.87- 06.92	110323	12	0.8
	(EE90)[2E]				08.87- 06.92	110709	12	1.0
					10.84- 08.87	110323	12	0.8
	(AE,EE80)[2E-L]	10.84- 08.87	110250	14 50	10.84- 08.87	110323	12	0.8
		10.84- 08.87	110628	14 45	03.85- 08.87	110709	12	1.0
	(EE80)	10.84- 08.87	110628	14 45	10.84- 08.87	110323	12	0.8
		01.85- 08.87	110250	14 50	03.85- 08.87	110709	12	1.0
	(AE,EE80)[2E-LC]	10.84- 08.87	110628	14 45	03.85- 08.87	110709	12	1.0
		05.85- 08.87	110250	14 50	10.84- 08.87	110323	12	0.8
(EE80)	10.84- 08.87	110250	14 50	05.85- 08.87	110323	12	0.8	
	05.85- 08.87	110628	14 45	05.85- 08.87	110709	12	1.0	
(EE80)	01.85- 08.87	110250	14 50	05.85- 08.87	110323	12	0.8	
	05.85- 08.87	110628	14 45	05.85- 08.87	110709	12	1.0	
Corolla 1.3 XLi	(E10)[4E-FE]	05.92- 04.97	111518	14 70	09.95- 04.97	113649	12	1.2
		05.92-	111678	14 60	09.95- 04.97	113665	12	1.2
	(EE101)	05.92- 04.97	111518	14 70	05.95- 04.97	110847	12	1.4
		05.92-	111678	14 60	07.92- 04.97	113649	12	1.2
					07.92- 05.95	110323	12	0.8
					07.92- 05.95	110709	12	1.0
				07.92- 04.97	113665	12	1.2	
Corolla 1.3 12V	(EE100)[2E]	05.92- 04.97	111678	14 60	05.92- 05.95	110323	12	0.8
		07.92- 04.97	111538	14 80				
Corolla 1.3 16V XLi	(EE101)[4E-FE]	07.92-	111518	14 70	07.92- 05.95	110323	12	0.8
					07.92- 05.95	110709	12	1.0
					07.92- 09.95	113649	12	1.2
					07.92- 09.95	113665	12	1.2
Corolla 1.3 i	(EE90)[2E]	08.87- 04.92	110628	14 45	08.87- 05.92	110323	12	0.8
		08.87- 12.92	111538	14 80	08.87- 05.92	110709	12	1.0
	(EE90)[2E-E]	08.87- 12.92	111538	14 80	06.89- 04.92	110323	12	0.8
		06.89- 04.92	110628	14 45	06.89- 04.92	110709	12	1.0
Corolla 1.4	[4E-FE]	04.97-	111518	14 70	04.97- 02.00	113649	12	1.2
					04.97- 02.00	113665	12	1.2
		[4ZZ-FE]	02.00- 01.02	113296	14 80	02.00- 01.02	113271	12
		02.00- 01.02	114158	14 70				
Corolla 1.4 16V	[4ZZ-FE]	02.00- 01.02	113296	14 80	02.00- 01.02	113271	12	1.1
		02.00- 11.01	114158	14 70				
Corolla 1.4 16V GLi	(EE101)[4E-FE]	07.92-	111518	14 70	07.92- 05.95	110323	12	0.8
					07.92- 05.95	110709	12	1.0
					07.92- 09.95	113649	12	1.2
					07.92- 09.95	113665	12	1.2
Corolla 1.4 16V XLi	(EE101)[4E-FE]	07.92-	111518	14 70	07.92- 05.95	110323	12	0.8
					07.92- 05.95	110709	12	1.0
					07.92- 09.95	113649	12	1.2
					07.92- 09.95	113665	12	1.2
Corolla 1.4 VVTi	(E12)[4ZZ-FE]	01.02-	113296	14 80	01.02-	113271	12	1.1
		01.02- 05.04	114361	14 80				
	(E12_, 12J_)	01.02-	113296	14 80	01.02-	113271	12	1.1
		01.02-	114158	14 70				
		01.02-	114361	14 80				
(ZZE150)	01.07-	114709	14 90					
Corolla 1.4 D-4D	(NRE18_, ZRE18_, NDE18_) [1ND-TV]				06.13-	115723	12	1.4
Corolla 1.4 Diesel	(E12_) [1ND-TV]	07.04-	113972	14 100	07.04-	114071	12	2.0
	(E12U_, E12J_)	07.04-	113972	14 100	07.04-	114071	12	2.0
Corolla 1.6	(NRE18_, ZRE18_, NDE18_) [1ZR-FAE]				06.13-	114886	12	1.2
					01.09-	114886	12	1.2
	(ZRE151)							
		(KE/TE)[2T]	09.76- 01.80	110138	14 40			
			09.76- 01.80	110258	14 35			
(TE71)	09.79- 05.83	110138	14 40					
		09.79- 09.83	110258	14 35				

## STARTERS & ALTERNATORS



	(KE/TE)[2TB]	09.76- 01.80	110138	14	40				
	(TE71)	09.79- 05.83	110138	14	40				
		09.79- 05.83	110258	14	35				
	[3ZZ-FE]	02.00- 01.02	113296	14	80	02.00- 01.02	113271	12	1.1
		02.00- 01.02	114158	14	70				
	(_E9_) [4A-F]	02.88- 05.92	110682	14	70	02.88- 05.92	110713	12	1.0
	(AE92)	08.87- 04.92	110250	14	50	08.87- 04.92	110713	12	1.0
		08.87- 04.92	110682	14	70	08.87- 04.92	111455	12	0.8
						12.87- 04.92	111984	12	1.1
		08.87- 04.92	110250	14	50	08.87- 04.92	110713	12	1.0
		08.87- 04.92	110682	14	70				
	(AE9_) [4A-FE]	11.89- 04.92	110682	14	70	11.89- 04.92	110713	12	1.0
						11.89- 04.92	111455	12	0.8
	(AE92)	05.87- 04.92	110682	14	70	08.89- 04.92	110713	12	1.0
						08.89- 04.92	111455	12	0.8
	(AE95)	08.88- 04.92	110682	14	70	08.88- 04.92	110713	12	1.0
						08.88- 04.92	111455	12	0.8
		04.97- 10.99	111579	14	70	04.97-	111455	12	0.8
		04.97- 10.99	112860#	14	80	04.97- 02.00	110713	12	1.0
	(AE92) [4A-GE]	08.87- 08.89	110496	14	60				
		08.87- 04.92	111435	14	70				
	(AE82) [4A-L]	06.83- 04.87	110250	14	50				
		06.83- 04.87	110250	14	50				
	(AE82) [4A-LC]	08.85- 04.87	110250	14	50				
		08.85- 04.87	110250	14	50				
Corolla 1.6 FX	(E8B) [4A-LC]	05.83- 04.87	110250	14	50				
Corolla 1.6 GLi	(AE101) [4A-FE]	05.92-	111579	14	70	05.92- 04.95	110713	12	1.0
		05.92-	112860#	14	80	05.92- 04.97	111455	12	0.8
Corolla 1.6 GT	(TE71) [2T-G]	05.80- 05.83	110138	14	40				
		05.80- 09.83	110258	14	35				
Corolla 1.6 Verso	(ZER_, ZZE_) [3ZZ-FE]	04.04-	113296	14	80	04.04-	114056	12	1.3
		04.04-	114709	14	90				
Corolla 1.6 XLi	[4A-FE]	11.89- 04.92	110682	14	70	11.89- 04.92	110713	12	1.0
						11.89- 04.92	111455	12	0.8
Corolla 1.6 16V	[3ZZ-FE]	02.00- 01.02	113296	14	80	02.00- 01.02	113271	12	1.1
		02.00- 11.01	114158	14	70				
	(AE86) [4A-GE]	08.83- 08.87	110496	14	60				
		08.83- 07.88	111435	14	70				
	[4A-GEC]	12.85- 10.87	110496	14	60				
		12.85- 04.87	111435	14	70				
	[4A-GEL]	08.85- 08.87	110496	14	60				
		08.85- 08.87	111435	14	70				
Corolla 1.6 Dual VVTi	(ZRE151R) [1ZR-FE]	01.07-	114455	14	90	01.07-	114886	12	1.2
		01.07-	115863	14	100				
Corolla 1.6 GTi	(_E9_) [4A-GE]	07.87- 08.89	110496	14	60				
		07.87- 06.93	111435	14	70				
Corolla 1.6 i	(AE92) [4A-FE]	08.89- 04.92	110682	14	70	08.89- 04.92	110713	12	1.0
						08.89- 04.92	111455	12	0.8
Corolla 1.6 i 4WD	(_E9_) [4A-FE]	10.87- 08.90	110682	14	70	10.87- 08.90	110713	12	1.0
						10.87- 08.90	111445	12	2.0
Corolla 1.6 Si	(AE101) [4A-FE]	05.92-	111579	14	70	05.92- 04.97	110713	12	1.0
		05.92-	112860#	14	80	05.92- 04.97	111455	12	0.8
		AT 09.95- 04.97	111579	14	70				
	(E10)	AT 07.92- 04.97	111579	14	70	07.92- 04.97	110713	12	1.0
Corolla 1.6 VVTi	(_E12U_, _E12J_) [1ZR-FE]	10.06-	114361	14	80				
	(E12_, 12J_) [3ZZ-FE]	01.02-	113296	14	80	01.02-	113271	12	1.1
		01.02-	114158	14	70				
		01.02-	114361	14	80				
Corolla 1.6 VVTi Verso	(E12) [3ZZ-FE]	01.02-	113296	14	80	01.02- 05.04	113271	12	1.1
		01.02- 05.04	114158	14	70				
		01.02- 05.04	114361	14	80				
Corolla 1.8 4WD	[7A-FE]	04.97- 07.01	111579	14	70	04.97- 10.01	110713	12	1.0
Corolla 1.8 Verso	(ZER_, ZZE_) [1ZZ-FE]	04.04-	113296	14	80	04.04-	114056	12	1.3
		04.04-	114709	14	90				
Corolla 1.8 VVTi-i TS	(_E12U_, _E12J_) [2ZZ-GE]					10.05-	113271	12	1.1
						10.05-	114419	12	1.2
Corolla 1.8 16V 4WD	(E10) [7A-FE]	09.95- 04.97	111518	14	70	09.95- 04.97	111984	12	1.1
Corolla 1.8 GTi 4x4	(_E10_) [7A-FE]	05.92- 07.95	111579	14	70				
Corolla 1.8 i 16V Verso	(E12) [1ZZ-FE]	09.01- 05.04	114158	14	70	01.02-	113271	12	1.1
		09.01- 05.04	114361	14	80				
Corolla 1.8 i WTL-i TS	(E12_, 12J_) [2ZZ-GE]					09.01-	113271	12	1.1
Corolla 1.8 VVTi	(NRE18_, ZRE18_, NDE18_) [2ZR-FE]	06.13-	113296	14	80	06.13-	114886	12	1.2
Corolla 1.8 Diesel	(_E9_) [1C]					A13 07.87- 06.92	111564	12	2.2
	(AE9_)					A13 11.89- 06.92	111564	12	2.2
	(CE90)					A13 05.87- 04.92	111564	12	2.2
						A13 05.87- 05.88	111564	12	2.2
	[1C-L]					A13 05.87- 05.88	111564	12	2.2
Corolla 2.0 D-4D	(ADE150R) [1AD-FTV]	01.07-	114490	14	100	01.07-	114216	12	2.0
	(_E11_) [1CD-FTV]	09.00- 05.04	114227	14	120	09.00-	111874	12	2.2
						09.00- 01.02	114240	12	1.4
	(_E12_, _E12T_)	08.02-	114010	14	100	08.02-	112006	12	2.0
	(_E12J_, _E12T_)	04.04-	114010	14	100	04.04-	112006	12	2.0
						04.04-	114240	12	1.4
	(_E12U_, _E12J_)	05.03-	114010	14	100	10.01-	111874	12	2.2
		05.03-	114115	14	130	10.01-	112006	12	2.0
						05.03-	114240	12	1.4
	(E12_, 12J_)	01.02-	114010	14	100	01.02-	111874	12	2.2
		01.02-	114115	14	130	01.02-	112006	12	2.0
						01.02-	114240	12	1.4
Corolla 2.0 D-4D Verso	(E12) [1CD-FTV]	01.02- 05.04	114010	14	100	01.02-	111874	12	2.2
		01.02- 05.04	114115	14	130	01.02-	112006	12	2.0
						01.02- 05.04	114240	12	1.4
	(ZER_, ZZE_)	04.04-	114010	14	100	04.04-	112006	12	2.0
Corolla 2.0 Diesel	(CE100) [2C]	05.92-	111507	14	80				
		05.92-	111507	14	80				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

TOYOTA *Continued*

	[2C-E]	04.97-	111507	14 80				
Corolla 2.0 Diesel XL	(CE100)[2C]	05.92-	111507	14 80				
Corolla 2.2 D-4D Verso	(ZER_, ZZE_)[2AD-FHV]	10.05-	114390	14 100	10.05-	114216	12 2.0	
		10.05-	114410	14 130				
	(ZER_, ZZE_)[2AD-FTV]	10.05-	114390	14 100	10.05-	114216	12 2.0	
Corona 1.8	(T11)[3T]	06.79- 01.81	110138	14 40				
		06.79- 01.81	110258	14 35				
		06.79- 12.81	110138	14 40				
		06.79- 07.81	110258	14 35				
Corona 2.0	(RT104)[18R]	01.76- 05.79	110138	14 40	01.76- 01.77	110152	12 0.9	
		01.76- 05.79	110258	14 35				
		09.75- 05.79	110138	14 40	09.75- 01.77	110152	12 0.9	
		09.75- 05.79	110258	14 35				
Corona MK 2.0	(RX12)[18R]	12.75- 10.77	110138	14 40	12.75- 01.77	110152	12 0.9	
		12.75- 10.77	110258	14 35				
Cressida 2.0	(RX3_)[18R]	07.77- 07.81	110138	14 40	07.77- 07.81	110152	12 0.9	
		07.77- 07.81	110258	14 35				
	(RX35)	12.77- 03.81	110138	14 40	12.77- 03.81	110152	12 0.9	
		12.77- 03.81	110258	14 35				
	(_X6_)[21R]	05.81- 07.82	110138	14 40	05.81- 03.85	110152	12 0.9	
		05.81- 03.85	110258	14 35				
		02.81- 07.82	110138	14 40	02.81- 07.82	110152	12 0.9	
		02.81- 03.85	110258	14 35				
	(_X6_)[21R-C]	05.81- 07.82	110138	14 40	05.81- 08.83	110152	12 0.9	
		05.81- 03.85	110258	14 35				
Cressida 2.2 Diesel	(_X6_)[L]				01.83- 12.84	111387	12 2.0	
					06.81- 12.84	111387	12 2.0	
Cressida 2.4 TD	(GX7_, MX73)[2L-T]				01.85- 10.88	110708	12 2.7	
Crown 2.2 Diesel	(_S1_)[L]				04.80- 07.83	110708	12 2.7	
					04.80- 07.83	111387	12 2.0	
Crown 2.8	(_S1_)[5M-E]				06.79- 07.83	110396	12 1.4	
Crown 2.8 i	(_S1_)[5M-GE]				08.83- 09.85	110396	12 1.4	
Dyna 2.0	[3Y]	09.84- 08.87	110248	14 40	09.84- 08.87	110397	12 1.0	
	[5R]	01.77-	110137	14 30				
		01.77-	110138	14 40				
Dyna 2.4 Diesel	[2J]				09.84- 08.87	110397	12 1.0	
	(LH8_)[2L]	08.87- 04.95	112054	14 45	08.87- 04.95	110708	12 2.7	
					08.87- 04.95	111387	12 2.0	
					08.87- 07.01	113936	12 2.7	
	(LY1_, H8_)	08.87- 07.01	112054	14 45				
Dyna 2.5 D-4D	(KD_, LY_)[2KD-FTV]	08.01-	114024	14 80	08.01-	113938	12 2.7	
Dyna 3.4 Diesel	[13B]	08.77- 08.87	111613	28 50	09.84- 08.87	110397	12 1.0	
Dyna 100 1.8	(YH_)[2Y]				08.87- 04.95	110397	12 1.0	
	(YH81)				08.85- 01.95	110397	12 1.0	
Dyna 100 2.4 Diesel	(LH80)[2L]	01.84- 05.95	114288	14 50				
		08.88- 01.91	111483	14 55	09.93- 05.95	112336	12 2.0	
	(LY100)	01.96- 01.01	112054	14 45	05.95- 08.01	112336	12 2.0	
					05.95- 08.01	113936	12 2.7	
Dyna 150 2.0	[3Y]				08.85- 09.87	110397	12 1.0	
Dyna 150 2.4 Diesel	(LY_)[2L]	05.95- 07.01	112054	14 45	05.95- 07.01	113936	12 2.7	
Dyna 150 2.8 Diesel	(LY61)[3L]	08.85- 05.95	114288	14 50	09.93- 05.95	112336	12 2.0	
		08.87- 01.92	111483	14 55	08.89- 09.93	111387	12 2.0	
					08.85- 05.95	113936	12 2.7	
					09.88- 06.95	110708	12 2.7	
					09.88- 06.95	111387	12 2.0	
Dyna 200 3.0 Diesel	(BU_)[B]	09.84- 08.88	111613	28 50				
Dyna 300 3.4 Diesel	(BU85)[13B]	09.84- 08.87	111613	28 50				
Hiace 1.6	(RH11, 16, 20, 30, 40)[12R]	01.79- 04.83	110138	14 40	10.81- 07.83	110260	12 1.0	
		01.79- 12.84	110258	14 35	01.79- 04.83	110154	12 0.8	
		02.77- 03.83	110138	14 40	02.77- 03.83	110154	12 0.8	
		02.77- 03.83	110258	14 35				
Hiace 1.8	(H5G)[2Y]	03.83- 08.89	110248	14 40	03.83- 08.89	110397	12 1.0	
		03.83- 08.89	110248	14 40	03.83- 08.89	110397	12 1.0	
Hiace 2.0	[18R]	07.77- 03.83	110138	14 40	07.77- 03.83	110152	12 0.9	
		07.77- 03.83	110258	14 35				
	(_H10_)[1RZ]	02.90- 08.95	111428	14 60	02.90- 08.93	111785	12 1.0	
	(RZH102)	08.89- 08.93	111428	14 60	08.89- 08.93	111785	12 1.0	
	(H5G)[3Y]	06.84- 08.89	110248	14 40	06.84- 08.89	110397	12 1.0	
		06.84- 08.89	110248	14 40	06.84- 08.89	110397	12 1.0	
Hiace 2.2 Diesel	(H5G)[L]	03.83- 11.89	111483	14 55	07.79- 05.84	110708	12 2.7	
		03.83- 11.89	114288	14 50	03.83- 01.84	111387	12 2.0	
		01.79- 11.89	111483	14 55	01.79- 05.84	110708	12 2.7	
		01.79- 11.89	114288	14 50	01.79- 01.84	111387	12 2.0	
Hiace 2.4	(RZH103)[2RZ-E]	08.89- 08.95	111428	14 60	08.89- 08.93	111785	12 1.0	
		08.89- 08.95	111428	14 60				
		08.95-	112357	14 70	08.89- 08.93	111785	12 1.0	
		08.95-	112358	14 55	08.95-	112336	12 2.0	
Hiace 2.4 4WD	(H12, 22)[2RZ-E]	08.95- 04.98	112357	14 70				
		08.95- 04.98	112358	14 55				
	(H18, 22)	08.95- 04.98	112357	14 70	08.95-	112336	12 2.0	
		08.95- 04.98	112358	14 55				
		08.89- 08.95	111428	14 60	08.89- 08.93	111785	12 1.0	
Hiace 2.4 Diesel	(_H10_)[2L]	08.89- 08.93	111605	14 70	08.89- 08.93	111387	12 2.0	
		08.93- 08.95	111601	14 70	A13 08.89- 08.93	110708	12 2.7	
					A13 02.90- 08.95	113936	12 2.7	
					08.93- 08.95	112336	12 2.0	
	(H12G)				07.99-	110708	12 2.7	
					07.99-	113936	12 2.7	
	(H5G)	08.84- 08.89	111483	14 55	06.84- 08.89	110708	12 2.7	
		08.84- 08.89	114288	14 50	06.84- 08.89	111387	12 2.0	
	(LH102)	08.89-	111483	14 55 VP	A13 08.89- 08.93	110708	12 2.7	
		08.89- 08.93	111605	14 70	08.93- 08.95	112336	12 2.0	
		08.93- 08.95	111601	14 70	08.89- 08.93	111387	12 2.0	
		08.93- 08.95	111960	14 80	A13 08.89- 08.95	113936	12 2.7	



	(LXH1_, RCH1_, KLH1_)	08.95- 08.06	112357	14 70		08.95- 08.06	112336	12 2.0
		05.84- 11.89	111483	14 55		08.95- 08.06	113936	12 2.7
		05.84- 11.89	114288	14 50		05.84- 11.89	110708	12 2.7
		08.93- 08.95	111601	14 70 VP		05.84- 11.89	111387	12 2.0
		08.95-	111963	14 70		08.93- 03.98	112336	12 2.0
		08.95-	112357	14 70				
Hiace 2.4 Diesel 4WD	(_H10_)[2L]	08.89- 08.95	111601	14 70		A13 10.93- 08.95	113936	12 2.7
						08.89- 08.95	110708	12 2.7
						08.89- 08.95	110152	12 0.9
						08.89- 08.95	111387	12 2.0
	(H5F)	01.87- 01.88	111483	14 55		01.87- 01.88	110708	12 2.7
		01.87- 01.88	114288	14 50		01.87- 01.88	111387	12 2.0
Hiace 2.4 TD	(H18, 22)[2L-T]					A13 08.95-	113936	12 2.7
						08.95-	110708	12 2.7
						08.95-	111387	12 2.0
			111963	14 70 VP		08.95-	112336	12 2.0
						08.95-	113936	12 2.7
Hiace 2.4 TD 4WD	(H18, 22)[2L-T]	08.95-	111963	14 70		A13 08.95-	112336	12 2.0
						08.95-	113936	12 2.7
Hiace 2.5 D-4D	(_H1_ , _H2_)[2KD-FTV]	08.06-	114024	14 80		08.06-	113938	12 2.7
	(_H1_ , _H2_)	08.06-	114024	14 80		08.06-	113938	12 2.7
		11.01- 08.06	113969	14 100		11.01-	113938	12 2.7
		11.01- 08.06	114024	14 80				
		11.01- 08.06	114025	14 75		09.06-	113757	12 2.2
Hiace 2.5 D-4D 4WD	(_H1_ , _H2_)[2KD-FTV]	11.01-	114024	14 80		11.01- 08.06	113757	12 2.2
						11.01-	113938	12 2.7
		11.01-	114024	14 80		11.01-	113757	12 2.2
						11.01-	113938	12 2.7
Hiace 2.7	(H12)[3RZ-FE]	04.98-	112357	14 70				
	(H12G)	04.98-	112357	14 70				
Hiace 2.7 4WD	(H19, 29)[3RZ-FE]	04.98-	112357	14 70				
		11.01-	112357	14 70				
Hiace 2.8 Diesel	(_H10_)[3L]	08.89- 08.95	114369	14 100				
		08.89-	111960	14 80				
Hilux 1.8	(YN51R)[2Y]	06.89- 07.94	110248	14 40		06.89- 07.94	110397	12 1.0
Hilux 2.0	[3Y]	01.84-	110248	14 40		10.79- 07.83	110152	12 0.9
						10.81- 07.83	110260	12 1.0
						06.84- 11.86	110397	12 1.0
Hilux 2.2 4WD	[4Y]	08.88- 08.94	110248	14 40		01.87- 12.89	110397	12 1.0
Hilux 2.4	[22RE]	08.89- 07.92	113077	14 70		08.89- 08.97	110260	12 1.0
						08.89- 07.93	110411	12 1.4
						08.89- 05.92	111785	12 1.0
						08.93- 08.97	113108	12 1.4
Hilux 2.4 4WD	[22R]	08.88- 07.92	113077	14 70		08.88- 08.97	110260	12 1.0
						08.88- 07.93	110411	12 1.4
						08.93- 08.97	113108	12 1.4
Hilux 2.4 Diesel	(IN108)[2L]	01.92-	114203	14 60		08.91- 07.93	110708	12 2.7
						08.91- 07.93	111387	12 2.0
						08.93- 08.97	112336	12 2.0
						01.92-	113936	12 2.7
		03.89-	111483	14 55		03.89- 01.02	111387	12 2.0
		03.89-	112054	14 45		03.89-	110708	12 2.7
						A13 03.95-	113936	12 2.7
						03.95-	112336	12 2.0
Hilux 2.4 Diesel 4WD	(_N_)[2L]	01.84- 08.88	114372	14 50		08.83- 04.89	111387	12 2.0
		03.89-	111483	14 55		03.89-	110708	12 2.7
		03.89-	112054	14 45				
		01.94-	114372	14 50		03.89-	111387	12 2.0
Hilux 2.4 TD 4WD	[2L-T]	08.98- 01.02	111963	14 70		05.98-	112336	12 2.0
						08.98- 01.02	113936	12 2.7
Hilux 2.5 D-4D	[2KD-FTV]	11.01-	114024	14 80		11.01-	113938	12 2.7
						07.05-	114853	12 2.7
						06.06-	115594	12 2.2
Hilux 2.5 D-4D 4WD	[2KD-FTV]	11.01-	114024	14 80		11.01-	113938	12 2.7
						07.05-	114853	12 2.7
Hilux 2.5 D-4D 4x4	(N25)[2KD-FTV]	12.07-	114024	14 80		12.07-	114853	12 2.7
						12.07-	115594	12 2.2
Hilux 2.5 Diesel	(TGN1_, GGN2_, GGN1_, KUN2_, KU)[2KD-FTV]	01.10-	114024	14 80		01.10-	114853	12 2.7
		12.07-	114024	14 80		12.07-	114853	12 2.7
						12.07-	115594	12 2.2
Hilux 2.5 Diesel 4x4	[2KD-FTV]	12.07-	114024	14 80		12.07-	114853	12 2.7
Hilux 2.8 Diesel	(GUN1_)[1GD-FTV]					05.15-	114853	12 2.7
Hilux 2.8 Diesel 4x4	(_N_)[3L]	08.94- 07.01	114369	14 100				
Hilux 3.0 4x4	[1KD-FTV]					AT 08.05- 09.06	114731	12 2.2
						08.05- 09.06	115594	12 2.2
Hilux 3.0 Diesel	[1KD-FTV]					AT 10.06-	114731	12 2.2
						10.06-	115594	12 2.2
Hilux 3.0 Diesel 4x4	[1KD-FTV]	12.07-	114024	14 80		12.07-	114731	12 2.2
Hilux 3.4 4x4	(_N_)[5VZ-FE]	08.94- 07.00	114362	14 80				
Land Cruiser 2.4	(RJ70, 73)[22R]	11.84- 12.89	110138	14 40		11.84- 12.89	110260	12 1.0
		11.84- 12.89	110258	14 35		11.84- 12.89	110411	12 1.4
						11.84- 05.93	113239	12 2.5
	[22RE]	01.90- 11.90	110250	14 50 ▲		01.90- 05.93	110260	12 1.0
						01.90- 05.93	110411	12 1.4
						12.88- 12.96	113239	12 2.5
Land Cruiser 2.4 Diesel	(LJ70)[2L]	11.84- 10.85	114288	14 50		11.84- 10.85	110708	12 2.7
						11.84- 10.85	111387	12 2.0
						11.84- 10.85	113239	12 2.5
Land Cruiser 2.4 TD	(LJ70)[2L-T]					01.90- 08.93	110708	12 2.7
						01.90- 08.93	111387	12 2.0
						08.93- 01.95	112336	12 2.0
						01.90- 05.93	113239	12 2.5
						09.92- 01.95	113936	12 2.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





**TOYOTA** *Continued*

	(LJ70,73)	10.85- 05.90	111483	14 55	10.85- 12.89	110708	12 2.7
		10.85- 05.90	114288	14 50	10.85- 12.89	111387	12 2.0
					10.85- 05.90	113239	12 2.5
	(LJ77)				01.90- 08.93	110708	12 2.7
					01.90- 08.93	111387	12 2.0
					08.93- 01.95	112336	12 2.0
					07.90- 05.96	113239	12 2.5
					07.90- 05.96	113936	12 2.7
Land Cruiser 2.6 Diesel	(HJ45_P)[H]				11.84- 12.89	110708	12 2.7
					01.75- 07.80	113239	12 2.5
Land Cruiser 2.8 Diesel	(KDJ15_, GRJ15_)[1GD-FTV]				06.15-	113938	12 2.7
Land Cruiser 2.8 TD 4x4	(_J7_) [3L]	01.90- 08.01	114369	14 100	01.90- 08.01	113239	12 2.5
Land Cruiser 3.0 D-4D	(_J9_) [1KD-FTV]	10.00-	114024	14 80	10.00-	113239	12 2.5
					10.00-	113757	12 2.2
					10.00-	113938	12 2.7
	(J12)	08.04-	114024	14 80	01.05-	113757	12 2.2
		01.05-	113969	14 100	01.05-	113239	12 2.5
					08.04-	113938	12 2.7
	(J15)				03.10-	113938	12 2.7
		01.03-	113969	14 100	01.03-	113239	12 2.5
		01.03-	114024	14 80	01.03-	113938	12 2.5
Land Cruiser 3.0 D-4D 150	(J15)[1KD-FTV]	01.10-	113969	14 100	01.10-	113757	12 2.2
					01.10-	113938	12 2.7
Land Cruiser 3.0 Diesel	(BJ40_V, BJ43_)[B]	02.74- 10.84	110563	28 15	02.74- 10.84	113239	12 2.5
		04.82- 10.84	111484	28 50			
Land Cruiser 3.0 TD	(KZJ70)[1KZ-T]				05.93- 05.96	113239	12 2.5
					05.93- 05.96	113757	12 2.2
					05.93- 05.96	113239	12 2.5
					05.93- 05.96	113757	12 2.2
Land Cruiser 3.0 TD 4WD	[1KZ-TE]	04.96-	112063	14 70	04.96-	113239	12 2.5
					A13 04.96-	113938	12 2.7
					04.96-	113757	12 2.2
Land Cruiser 3.4 i 24V 4WD	[5VZ-FE]	04.96- 12.98	112063	14 70	01.96-	113239	12 2.5
		04.96-	114362	14 80			
Land Cruiser 3.4 Diesel	(BJ42_V, BJ45_V, BJ46)[3B]	08.80- 10.84	110563	28 15	08.80- 10.84	113239	12 2.5
		04.82- 08.88	111484	28 50			
	(BJ45_P)	08.80- 10.84	110563	28 15	08.80- 10.84	113239	12 2.5
		04.82- 10.84	111484	28 50			
	(BJ60_V)	10.81- 08.87	111613	28 50			
		04.82- 08.88	111484	28 50	10.81- 08.87	113239	12 2.5
		PS 05.82- 08.88	111484	28 50			
	(BJ70LV-MRW)	PS 11.84- 12.96	111484	28 50	11.84- 12.96	113239	12 2.5
Land Cruiser 3.4 TD	(BJ71_V)[13BT]				10.85- 08.86	113239	12 2.5
Land Cruiser 3.6 Diesel	(HJ45_V)[H]				04.79- 07.80	113239	12 2.5
Land Cruiser 3.9	(FJ40, FJ43, FJ45, FJ)[F]				03.69- 01.75	113239	12 2.5
					03.69- 01.75	113239	12 2.5
Land Cruiser 4.0	[1GR-FE]				01.03-	113239	12 2.5
	(FJ62_V)[3F]				11.84- 08.87	113239	12 2.5
	[3F-E]				08.87- 08.92	113239	12 2.5
Land Cruiser 4.0 Diesel	(HJ47_P)[2H]				08.80- 10.84	113239	12 2.5
	(HJ47_V)	10.82- 10.84	111596	28 50	08.80- 10.84	110581	24 4.5
					08.80- 10.84	113239	12 2.5
	(HJ60)	01.82- 08.87	111596	28 50	08.80- 07.87	110581	24 4.5
					10.81- 01.88	113239	12 2.5
		01.85- 08.87	111596	28 50	01.85- 07.87	110581	24 4.5
					01.85- 12.87	113239	12 2.5
Land Cruiser 4.0 TD	(HJ61)[12HT]				10.85- 12.89	110581	24 4.5
					10.85- 12.89	113239	12 2.5
Land Cruiser 4.2	(FJ40_V, FJ43_ FJ45_V)[2F]				01.75- 04.86	113239	12 2.5
	(FJ60)	10.81- 01.88	110563	28 15	10.81- 01.88	113239	12 2.5
					01.75- 04.86	113239	12 2.5
Land Cruiser 4.2 Diesel	(_J7_) [1H-Z]	01.90- 05.96	112356	14 80	01.90- 05.96	111679	24 4.5
	(HZJ80_)	01.90- 08.92	111781	14 80	01.90- 12.95	111679	24 4.5
		08.92-	112356	14 80	01.90- 12.97	113239	12 2.5
		08.92-	112360	14 60			
Land Cruiser 4.2 TD	(HDJ80)[1HD-FT]	01.95- 01.98	112356	14 80	01.95- 05.96	111679	24 4.5
					03.95- 12.97	113239	12 2.5
	(HJD80)[1HD-T]	01.90- 08.92	111781	14 80	01.90- 12.95	111679	24 4.5
		01.90- 08.92	111782	28 30	01.90- 12.97	113239	12 2.5
		08.92-	112356	14 80			
		08.92-	112360	14 60			
	(HZJ7_V)[1H-Z]	01.90-	111782	28 30	01.90- 12.95	111679	24 4.5
					01.90-	113239	12 2.5
Land Cruiser 4.2 TD 100	(J10)[1HD-FTE]	01.98-	112356	14 80	01.98-	113239	12 2.5
		01.98-	115415	14 120	01.98-	114286*	12 3.0
Land Cruiser 4.5 24V	(FZJ80)[1FZ-FE]				08.92- 12.97	113239	12 2.5
Land Cruiser 4.7	[2UZ-FE]	02.02-	114433	14 80	02.02-	113239	12 2.5
Land Cruiser 4.7 V8 32V	[2UZ-FE]	01.98-	114433	14 80	01.98-	113239	12 2.5
					01.98-	114440	12 1.4
Liteace 1.3	(KM2)[4K]	10.79- 08.85	110138	14 40			
		10.79- 10.86	110258	14 35			
	(M2_G)	10.79- 09.85	110138	14 40			
		10.79- 09.85	110258	14 35			
	(KM2)[4K-C]	10.79- 08.85	110138	14 40			
		10.79- 08.85	110258	14 35			
Liteace 1.5	(KR21LG)[5K]	01.92- 01.95	110138	14 40			
		01.92- 01.95	110258	14 35			
	(KR27_V)	01.92- 01.95	110138	14 40			
		01.92- 01.95	110258	14 35			
	(M3)	05.86- 12.91	110138	14 40			
		05.86- 09.91	110258	14 35			
		10.85- 12.91	110138	14 40			
		10.85- 12.91	110258	14 35			
Liteace 1.8 Diesel	(M2_G)[1C]	11.83- 08.85	110248	14 40	11.83- 08.85	110397	12 1.0
Liteace 2.0 Diesel	(CM30LG)[2C]				08.88- 01.92	111564	12 2.2
	(CM36)				08.88- 01.92	111564	12 2.2

## STARTERS & ALTERNATORS



Liteace 2.2	(YR22LG)[4Y-EC]	08.88- 01.90	110675	14	75				
Model F 1.8	(YR20)[2Y]	11.82- 08.84	110248	14	40	11.82- 08.84	110397	12	1.0
	(YR20)[2Y-C]	11.82- 08.84	110248	14	40	11.82- 08.84	110397	12	1.0
Model F 2.0	(YR20)[3Y]	08.88- 01.90	111428	14	60	08.88- 01.90	110397	12	1.0
	(YR21)	11.82- 08.85	110248	14	40	08.84- 08.88	110397	12	1.0
		09.85- 08.88	111428	14	60				
	(YR21)[3Y-C]	11.82- 08.85	110248	14	40	08.84- 08.88	110397	12	1.0
		09.85- 08.88	111428	14	60				
MR2 1.6 16V	(AW11)[4A-GEL]	11.84- 12.89	110496	14	60				
		11.84- 06.90	111435	14	70				
	(AW11)[4A-GELC]	11.84- 12.89	110496	14	60				
		11.84- 06.90	111435	14	70				
MR2 1.8 VVTi 16V	(ZZW30)[1ZZ-FE]	04.00-	114361	14	80	12.99-	111785	12	1.0
MR2 2.0 16V	(SV20)[3S-GE]	12.89- 05.00	111435	14	70	12.89-	111544	12	1.4
		12.89- 11.92	111538	14	80				
		12.89- 11.92	112102	14	90				
		11.92-	112101	14	80				
	(SW20)	12.89- 05.00	111435	14	70	12.89-	111544	12	1.4
		12.89- 11.92	111538	14	80				
		12.89- 11.92	112102	14	90				
		11.92-	112101	14	80				
		12.89- 05.00	111435	14	70	12.89-	111544	12	1.4
		12.89- 11.92	111538	14	80				
	12.89- 11.92	112102	14	90					
	11.92-	112101	14	80					
	12.89- 05.00	111435	14	70	12.89-	111544	12	1.4	
	12.89- 11.92	111538	14	80					
	12.89- 11.92	112102	14	90					
	11.92-	112101	14	80					
MR2 2.0 Turbo	(SW2_) [3S-GTE]					12.89- 09.99	111544	12	1.4
Paseo 1.5 16V	(EL54)[5E-FE]	08.95-	111518	14	70	08.95- 07.99	113649	12	1.2
			111678	14	60				
		AT 08.95-	111518	14	70	08.95- 07.99	113665	12	1.2
Picnic 2.0	(_XM10_) [3S-FE]	09.96- 05.01	111468	14	80	09.96- 05.01	111463	12	1.0
		09.96- 05.01	111517	14	70	09.96- 05.01	111550	12	1.4
Picnic 2.0 16V	(XM1) [3S-FE]	05.96-	111517	14	70	05.96-	111550	12	1.4
			111468	14	80	05.96-	111463	12	1.0
		AT 05.96-	111468	14	80	05.96-	111463	12	1.0
Picnic 2.2 Diesel	[3C-TE]	08.97-	112363	14	80	09.97-	111874	12	2.2
						08.97- 12.01	114240	12	1.4
Previa 2.0 D-4D	(ACR3_) [1CD-FTV]	03.01-	114115	14	130	03.01-	111874	12	2.2
Previa 2.4	[2TZ-FE]	08.93-	111537	14	70				
Previa 2.4 4WD	[2TZ-FE]	08.93-	111537	14	70				
Previa 2.4 16V	(ACR3)[2AZ-FE]	A 08.00-	114273	14	100	08.00-	112367	12	1.4
RAV 4 1.8 i 16V	(XA2)[1ZZ-FE]	02.01-	114361	14	80	05.00-	113271	12	1.1
RAV 4 2.0	(ACA_, ACE_) [3ZR-FAE]					12.08-	114886	12	1.2
RAV 4 2.0 16V	(4WD)[3S-FE]	04.94- 09.97	111468	14	80	04.94-	111463	12	1.0
		04.94-	111517	14	70	A13 04.94-	111550	12	1.4
		04.94- 09.97	111468	14	80	04.94-	111463	12	1.0
		04.94-	111517	14	70	A13 04.94-	111550	12	1.4
RAV 4 2.0 i 16V 4WD	(XA2)[1AZ-FE]	06.00-	113902	14	100	06.00-	112367	12	1.4
		06.00-	114186	14	90				
		07.03-	114273	14	100				
RAV 4 2.0 VVTi	(ACA_, ACE_) [1AZ-FE]					03.06-	114255	12	1.3
RAV 4 2.0 VVTi 4WD	(ZSA4_, ALA4_) [3ZR-FAE]					04.15-	114886	12	1.2
RAV 4 2.0 VVT-i 4WD	(ZSA4_, ALA4_) [3ZR-FAE]					12.12-	114886	12	1.2
RAV 4 2.0 D-4D	(ZSA4_, ALA4_) [1AD-FTV]					A25 12.12-	116091*	12	1.9
RAV 4 2.0 D-4D 4WD	(ZSA4_, ALA4_) [1AD-FTV]					A25 11.13-	116091*	12	1.9
		(XA2)[1CD-FTV]	09.01-	114115	14	130	09.01-	111874	12
						09.01-	114240	12	1.4
RAV 4 2.2 D-4D	(ACA_, ACE_) [2AD-FHV]	12.08-	115669	14	150	12.08-	114216	12	2.0
		12.08-	114410	14	130	12.08-	114216	12	2.0
		12.08-	115669	14	150				
	(ACA_, ACE_) [2AD-FTV]	12.08-	115669	14	150	12.08-	114216	12	2.0
		12.08-	114410	14	130	12.08-	114216	12	2.0
		12.08-	115669	14	150				
	(ALA30)	03.06-	114410	14	130	03.06-	114216	12	2.0
	03.06-	115669	14	150					
RAV 4 2.2 D-4D CAT	(ALA30)[2AD-FHV]	03.06-	114410	14	130	03.06-	114216	12	2.0
		03.06-	115669	14	150				
Starlet 1.0	(EP80_) [1E]	12.89- 01.92	110496	14	60				
		12.89- 12.92	111435	14	70				
	(EP70L) [1E-L]	10.84- 12.89	110628	14	45	10.84- 12.89	110323	12	0.8
		04.88- 12.89	110496	14	60				
	(2K) [2K]	02.78- 07.82	110137	14	30				
		02.78- 09.84	110138	14	40				
		02.78- 09.84	110258	14	35				
		02.78- 07.82	110137	14	30				
(KP60)	02.78- 02.86	110138	14	40					
	02.78- 09.84	110258	14	35					
	02.78- 07.82	110137	14	30					
Starlet 1.0 1000	(KP) [2K]	05.76- 08.78	110258	14	35				
		02.78- 08.78	110137	14	30				
		02.78- 08.78	110138	14	40				
Starlet 1.2	(KP6_) [3K-H]	02.78- 09.82	110258	14	35				
		10.78- 08.82	110138	14	40				
Starlet 1.2 S	(KP62) [3K-H]	02.78- 08.82	110137	14	30				
		02.78- 08.82	110138	14	40				
		10.78- 08.82	110258	14	35				
Starlet 1.3	(EP71L) [2E-LC]	10.84- 12.89	110628	14	45	10.84- 12.89	110323	12	0.8
		04.88- 12.89	110496	14	60				
						04.96- 03.99	113649	12	1.2
		AT 01.96-	111518	14	70	04.96- 03.99	113665	12	1.2
Starlet 1.3 S	(KP61) [4K]	12.81- 02.85	110138	14	40				
		08.82- 09.84	110258	14	35				
Starlet 1.3 12V	(EP81_) [2E]	12.89- 12.92	110496	14	60				
		12.89- 12.92	111435	14	70				
	(EP81) [2E-E]	12.89- 06.91	110628	14	45	12.89- 05.94	110323	12	0.8
		01.92-	111518	14	70	A13 12.89- 05.94	110709	12	1.0
	(EP81_)	12.89- 06.91	110496	14	60	12.89- 12.92	110323	12	0.8
		12.89- 12.92	111435	14	70				
Starlet 1.5 Diesel	(_P8_) [1N]	01.92- 01.96	111518	14	70				

# STARTERS & ALTERNATORS

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Application list

TOYOTA Continued

	(NP70L)		12.86- 01.92	110496	14 60	▲				
			12.86- 12.89	111435	14 70					
Supra 2.8 i	(MA61)[5M-GE]		08.83- 07.86	111428	14 60		08.84- 08.87	110396	12 1.4	
Supra 3.0 24V	(MA70)[7M-GE]		01.86- 08.88	111435	14 70		01.86- 08.88	110396	12 1.4	
			01.86- 08.88	111705	14 70					
Supra 3.0 Turbo	(MA70)[7M-GTE]						09.87- 04.90	110396	12 1.4	
Toyopace 2.5 Diesel	(JY30)[2J]							114336	24 4.5	
Urban Cruiser 1.3	(NSP110)[1NR-FE]						04.09-	115613	12 1.0	
Urban Cruiser 1.3 VVTi	(NSP110)[1NR-FE]						04.10-	115613	12 1.0	
Verso 1.6	(ZGR20)[1ZR-FAE]		04.09-	114694	14 100		04.09-	114886	12 1.2	
Verso 1.8 VVTi	(ZGR21)[2ZR-FAE]		04.09-	114694	14 100		04.09-	114886	12 1.2	
Verso 2.0 D-4D	(AUR2_ _ZGR2_)[1AD-FTV]		11.12-	114390	14 100		11.12-	114216	12 2.0	
			11.12-	114410	14 130		11.12-	115839	12 2.0	
	(AUR20)		04.09-	114390	14 100		04.09-	114216	12 2.0	
			04.09-	114410	14 130		04.09-	115839	12 2.0	
Verso 2.2 D-4D	(AUR21)[2AD-FHV]		04.09-	114390	14 100		04.09-	114216	12 2.0	
			04.09-	114410	14 130		04.09-	115839	12 2.0	
Verso 2.2 D-CAT	(AUR21)[2AD-FHV]		04.09-	114390	14 100		04.09-	114216	12 2.0	
			04.09-	114410	14 130		04.09-	115839	12 2.0	
Yaris 1.0	(P13_)[1KR-FE]						12.10-	114661	12 1.3	
							12.10-	115524	12 0.85	
Yaris 1.0 16V	(CP10_)[1SZ-FE]	Produced in France	03.03-	114005	14 70		01.01-	113313	12 0.7	
		Produced in France	03.03-	114006	14 90					
Yaris 1.0 i	(SCP10)[1SZ-FE]		04.99- 12.02	114231	14 90					
		Produced in France	01.01-	114005	14 70		04.99-	113313	12 0.7	
		Produced in France	01.01-	114006	14 90		04.99-	114889	12 1.0	
Yaris 1.0 VVTi	(1KR-FE)		08.05-	114290	14 80		01.06-	114661	12 1.3	
			01.06- 10.08	114311	14 90		01.06-	115524	12 0.85	
Yaris 1.0	(P9_)[1KR-FE]		01.06-	114290	14 80		01.06-	115524	12 0.85	
			01.06- 10.08	114311	14 90					
Yaris 1.3	(2SZ-FE)	Produced in France	04.02-	114005	14 70		04.02-	113313	12 0.7	
		Produced in France	04.02-	114006	14 90					
Yaris 1.3 16V	(NCP10)[2NZ-FE]		11.99-	115660	14 70		11.99-	113314	12 1.0	
			11.99-	115791	14 90		AT 11.99-	114239	12 1.6	
Yaris 1.3 VVTi	(P9_)[1NR-FE]		07.10-	114904	14 100					
		A25	07.10-	114682	14 100		07.10-	115613	12 1.0	
		A25	07.10-	114897	14 80 A49					
	(NSP90)		A25 03.09-	114900	14 100					
			A25 03.09-	114904	14 100					
			A25 03.09-	114682	14 100		03.09-	115613	12 1.0	
			A25 03.09-	114897	14 80 A49					
	(2SZ-FE)		08.05-	115863	14 100	Produced in Japan	08.05-	114886	12 1.2	
			01.06-	114667*	14 90	Produced in France	01.06-	114125	12 1.2	
Yaris 1.4 D-4D	(P13_)[1ND-TV]						09.11-	115644	12 2.0	
							09.11-	115723	12 1.4	
	(NLP10)		12.01- 08.05	114012	14 90		12.01- 08.05	114071	12 2.0	
			12.01- 08.05	114041	14 70		12.01- 08.05	115643	12 1.4	
			12.01- 08.05	114206	14 90					
	(NLP90)		01.06-	114291	14 90		01.06-	114068	12 1.1	
			01.06-	115657	14 100		A13 01.06-	114071	12 2.0	
							01.06-	115644	12 2.0	
							08.05-	115723	12 1.4	
	(SCP1_ _NLP1_ _NCP1_)		05.05- 09.05	114291	14 90		05.05- 09.05	114068	12 1.1	
			05.05- 09.05	115657	14 100		05.05- 09.05	114071	12 2.0	
							05.05- 09.05	115644	12 2.0	
							05.05- 09.05	115723	12 1.4	
Yaris 1.5	(1NZ-FE)		11.05-	115791	14 90		03.06-	113314	12 1.0	
Yaris 1.5 i 16V	(NCP13)[1NZ-FE]		04.01-	115660	14 70		04.01-	113314	12 1.0	
			04.01-	115791	14 90					
Yaris 1.5 TS	(CP10_)[1NZ-FE]		01.03-	115660	14 70		01.01-	113314	12 1.0	
			01.03-	115791	14 90					
Yaris 1.5 VVTi TS	(CP10)[1NZ-FE]		03.03- 07.05	115660	14 70		03.03- 07.05	113314	12 1.0	
			03.03- 07.05	115791	14 90					
Yaris 1.8 VVTi	(2ZR-FE)		01.07-	115863	14 100		01.07-	114886	12 1.2	
Yaris Verso 1.3	(NCP2_)[2NZ-FE]		08.99-	115791	14 90		AT 11.99-	114239	12 1.6	
			11.99-	115660	14 70		08.99-	113314	12 1.0	
Yaris Verso 1.4 D-4D	(NLP22)[1ND-TV]		12.01- 09.05	114012	14 90		12.01- 09.05	114071	12 2.0	
			12.01- 09.05	114041	14 70		12.01- 09.05	115643	12 1.4	
			12.01- 09.05	114206	14 90					
Yaris Verso 1.5 4WD	(NLP2_ _NCP2_)[1NZ-FE]		03.00- 09.05	115791	14 90		03.00- 09.05	113314	12 1.0	
Yaris Verso 1.5 16V	(NCP21)[1NZ-FE]		03.00-	115660	14 70		03.00-	113314	12 1.0	
			03.00-	115791	14 90					
Yaris Verso 1.5 TS	(NCP2_)[1NZ-FE]		05.03-	115660	14 70		05.03-	113314	12 1.0	
			05.03-	115791	14 90					
<b>PASSENGER CARS US</b>										
4 Runner 2.4	[22R]						01.84- 01.84	110260	12 1.0	
							01.84- 01.84	110411	12 1.4	
	[22REC]		01.85- 01.85	113077	14 70		01.85- 01.85	110260	12 1.0	
							01.85- 01.85	110411	12 1.4	
4 Runner 2.4 DLX	[22REC]		01.86- 01.89	113077	14 70		01.86- 01.89	110260	12 1.0	
							01.86- 01.89	110411	12 1.4	
4 Runner 2.4 SR5	[22RE]		01.90- 01.93	113077	14 70		01.94- 01.95	113109	12 1.0	
							01.90- 01.93	110260	12 1.0	
							01.90- 01.93	110411	12 1.4	
	[22REC]		01.86- 01.89	113077	14 70		01.86- 01.89	110260	12 1.0	
							01.86- 01.89	110411	12 1.4	
							01.94- 01.95	113109	12 1.0	
4 Runner 2.4 Turbo SR5	[22RTEC]		01.85- 01.88	113077	14 70		01.85- 01.88	110260	12 1.0	
							01.85- 01.88	110411	12 1.4	
4 Runner 3.0 DLX	[3VZ-E]		01.89- 01.89	111435	14 70					
4 Runner 3.4	[5VZ-FE]						01.98- 01.02	113119	12 1.4	
4 Runner 3.4 Limited	[5VZ-FE]						01.96- 01.97	113119	12 1.4	
4 Runner 3.4 SR5	[5VZ-FE]						01.96- 01.97	113119	12 1.4	
Avalon 3.0	[1MZ-FE]						01.98- 01.01	112367	12 1.4	
Avalon 3.0 XL	[1MZ-FE]						01.02- 01.03	112367	12 1.4	



Avalon 3.0 XLS	[1MZ-FE]					01.02- 01.03	112367	12	1.4
						01.97- 01.97	113244#	12	1.4
Camry 2.0	[3S-FE]	01.88- 01.91	111705	14	70	01.88- 01.91	111544	12	1.4
Camry 2.0 All Trac	[3S-FE]	01.89- 01.91	111705	14	70	01.89- 01.91	111544	12	1.4
Camry 2.0 DLX	[2S-ELC]	01.83- 01.86	111705	14	70				
	[3S-FE]	01.87- 01.91	111705	14	70	01.87- 01.91	111544	12	1.4
Camry 2.0 DLX All Trac	[3S-FE]	01.88- 01.91	111705	14	70	01.88- 01.91	111544	12	1.4
Camry 2.0 LE	[2S-ELC]	01.83- 01.86	111705	14	70				
	[3S-FE]	01.87- 01.91	111705	14	70	01.87- 01.91	111544	12	1.4
Camry 2.0 LE All Trac	[3S-FE]	01.88- 01.91	111705	14	70	01.88- 01.91	111544	12	1.4
Camry 2.2	[5S-FE]	01.98- 01.01	111468	14	80	01.98- 01.01	112367	12	1.4
						01.98- 01.01	113244#	12	1.4
		01.93- 01.93	111517	14	70	01.93- 01.93	111544	12	1.4
Camry 2.2 CE	[5S-FE]	01.97- 01.97	111468	14	80	01.97- 01.97	113244#	12	1.4
Camry 2.2 DLX	[5S-FE]	01.92- 01.92	111705	14	70	01.92- 01.92	111544	12	1.4
Camry 2.2 DX	[5S-FE]	01.93- 01.96	111517	14	70	01.93- 01.94	111544	12	1.4
		01.95- 01.96	111468	14	80				
Camry 2.2 LE	[5S-FE]	01.92- 01.94	111705	14	70				
		01.95- 01.97	111468	14	80	01.97- 01.97	113244#	12	1.4
		01.95- 01.96	111517	14	70	01.92- 01.94	111544	12	1.4
Camry 2.2 XLE	[5S-FE]	01.92- 01.94	111705	14	70				
		01.95- 01.97	111468	14	80	01.97- 01.97	113244#	12	1.4
		01.95- 01.96	111517	14	70	01.92- 01.94	111544	12	1.4
Camry 2.2	[5SN-FE]	01.00- 01.01	111468	14	80	01.00- 01.01	112367	12	1.4
						01.00- 01.01	113244#	12	1.4
Camry 2.4	[2AZ-FE]					01.03- 01.03	112367	12	1.4
Camry 2.5 DLX	[2VZ-FE]	01.88- 01.91	111480	14	70	01.88- 01.91	111544	12	1.4
Camry 2.5 LE	[2VZ-FE]	01.88- 01.91	111480	14	70	01.88- 01.91	111544	12	1.4
Camry 3.0	[1MZ-FE]					01.98- 01.03	112367	12	1.4
		01.93- 01.93	111965	14	80	01.93- 01.93	111544	12	1.4
Camry 3.0 CE	[1MZ-FE]					01.97- 01.97	113244#	12	1.4
Camry 3.0 DLX	[3UZ-FE]					01.92- 01.92	111544	12	1.4
Camry 3.0 DX	[3VZ-FE]	01.93- 01.93	111965	14	80	01.93- 01.93	111544	12	1.4
Camry 3.0 LE	[1MZ-FE]					01.94- 01.94	111544	12	1.4
						01.97- 01.97	113244#	12	1.4
						01.06-	114342	12	1.2
	[3VZ-FE]					01.92- 01.93	111544	12	1.4
Camry 3.0 SE	[1MZ-FE]					01.94- 01.94	111544	12	1.4
	[3VZ-FE]					01.92- 01.93	111544	12	1.4
Camry 3.0 XLE	[1MZ-FE]					01.94- 01.94	111544	12	1.4
						01.97- 01.97	113244#	12	1.4
						01.06-	114342	12	1.2
	[3VZ-FE]					01.92- 01.93	111544	12	1.4
Camry 3.3	[3MZ-FE]					01.04-	114342	12	1.2
Camry 3.3 SE	[3MZ-FE]					01.06-	114342	12	1.2
Celica 1.6 ST	[4A-FE]	01.90- 01.93	110682	14	70	01.90- 01.93	110713	12	1.0
Celica 1.8		01.94- 01.95	111579	14	70				
Celica 1.8 ST	[7A-FE]	01.94- 01.97	111579	14	70				
Celica 1.9	[8R-C]					01.71- 01.71	110152	12	0.9
Celica 2.0	[18RC]					01.72- 01.74	110152	12	0.9
Celica 2.0 GT	[2S-ELC]	01.86- 01.86	111705	14	70				
	[3S-FE]	01.87- 01.89	111705	14	70	01.87- 01.89	111544	12	1.4
Celica 2.0 GTS Sport	[3S-GELC]	01.86- 01.89	111705	14	70				
Celica 2.0 ST	[3S-FE]	01.87- 01.89	111705	14	70	01.87- 01.89	111544	12	1.4
Celica 2.0 ST Sport	[2S-ELC]	01.86- 01.86	111705	14	70				
Celica 2.0 Turbo All Trac	[3S-GTE]	01.88- 01.92	111705	14	70	01.88- 01.92	111544	12	1.4
Celica 2.0 Turbo GTS All Trac	[3S-GTE]					01.93- 01.93	111544	12	1.4
Celica 2.2	[20R]					01.75- 01.80	110152	12	0.9
						01.75- 01.80	110411	12	1.4
	[5S-FE]	01.99- 01.99	111517	14	70				
Celica 2.2 GT	[5S-FE]	01.90- 01.93	111435	14	70				
		01.94- 01.98	111517	14	70	01.90- 01.93	111544	12	1.4
Celica 2.2 GTS		01.90- 01.92	111435	14	70	01.90- 01.92	111544	12	1.4
Celica 2.2 GTS Sport	[5S-FE]	01.90- 01.93	111435	14	70	01.90- 01.93	111544	12	1.4
Celica 2.4 GT	[22R]					01.81- 01.82	110260	12	1.0
						01.81- 01.82	110411	12	1.4
	[22REC]					01.83- 01.85	110260	12	1.0
						01.83- 01.85	110411	12	1.4
Celica 2.4 GTS	[22REC]					01.83- 01.85	110260	12	1.0
						01.83- 01.85	110411	12	1.4
Celica 2.4 ST	[22R]					01.81- 01.83	110260	12	1.0
						01.81- 01.83	110411	12	1.4
	[22REC]					01.84- 01.85	110260	12	1.0
						01.84- 01.85	110411	12	1.4
Corolla 1.1	[KC]	01.68- 01.69	110137	14	30				
Corolla 1.2	[3K-C]	01.70- 01.74	110137	14	30	04.69- 03.74	110421	12	0.8
Corolla 1.6	[4A-FE]	01.90- 01.92	110682	14	70	01.90- 01.94	110713	12	1.0
		01.93- 01.97	111579	14	70				
		01.93- 01.94	112860#	14	80				
		01.89- 01.89	110682	14	70	01.89- 01.89	110713	12	1.0
Corolla 1.6 DLX	[4A-F]	01.88- 01.89	110682	14	70	01.88- 01.89	110713	12	1.0
	[4A-FE]	01.90- 01.92	110682	14	70	01.90- 01.92	110713	12	1.0
Corolla 1.6 DLX All Trac	[4A-FE]	01.88- 01.92	110682	14	70				
Corolla 1.6 DX	[4A-FE]	01.96- 01.96	111579	14	70				
Corolla 1.6 FX	[4A-LC]	01.88-	110682	14	70				
Corolla 1.6 FX16	[4A-GELC]	01.87- 01.88	110496	14	60				
Corolla 1.6 FX16 GTS	[4A-GELC]	01.87- 01.88	110496	14	60				
Corolla 1.6 GTS	[4A-GE]	01.88- 01.91	110496	14	60				
Corolla 1.6 GTS Sport	[4A-GEC]	01.85- 01.87	110496	14	60				
Corolla 1.6 LE	[4A-F]	01.88- 01.89	110682	14	70	01.88- 01.89	110713	12	1.0
	[4A-FE]	01.90- 01.92	110682	14	70	01.90- 01.92	110713	12	1.0
Corolla 1.6 LSX		01.92- 01.92	110682	14	70	01.92- 01.92	110713	12	1.0
Corolla 1.6 SR5	[4A-F]	01.88- 01.89	110682	14	70	01.88- 01.89	110713	12	1.0
	[4A-FE]	01.90- 01.91	110682	14	70	01.90- 01.91	110713	12	1.0
		01.92- 01.92	110682	14	70	01.92- 01.92	110713	12	1.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**TOYOTA** *Continued*

Corolla 1.6 SR5 ALL TRAC	[4A-FE]	01.88- 01.91	110682	14	70				
		01.92- 01.92	110682	14	70				
Corolla 1.8	[7A-FE]	01.97- 01.97	111579	14	70				
		01.93- 01.93	112860#	14	80		01.93- 01.93	110713	12 1.0
		01.93- 01.93	111579	14	70				
Corolla 1.8 All Trac		01.93- 01.93	111579	14	70		01.93- 01.93	110713	12 1.0
		01.93- 01.93	112860#	14	80				
Corolla 1.8 DX	[7A-FE]	01.93- 01.97	111579	14	70		01.93- 01.94	110713	12 1.0
		01.93- 01.94	112860#	14	80				
Corolla 1.8 LE	[7A-FE]	01.93- 01.95	111579	14	70		01.93- 01.94	110713	12 1.0
		01.93- 01.94	112860#	14	80				
Corolla 1.8 XRS	[2ZZ-GE]						01.06-	114419	12 1.2
Corona 1.9	[3R-C]						01.67- 01.70	110152	12 0.9
Corona 2.0	[18RC]						01.72- 01.74	110152	12 0.9
							01.72- 01.74	110411	12 1.4
	[3S-FE]	01.96- 12.97	111468	14	80		01.96- 12.97	111550	12 1.4
Corona 2.2	[20R]						01.79- 01.80	110152	12 0.9
							01.79- 01.80	110411	12 1.4
Corona 2.2 Custom	[20R]						01.77- 01.78	110152	12 0.9
							01.77- 01.78	110411	12 1.4
Corona 2.2 DLX	[20R]						01.75- 01.78	110152	12 0.9
							01.75- 01.78	110411	12 1.4
Corona 2.2 SR5	[20R]						01.75- 01.76	110152	12 0.9
							01.75- 01.76	110411	12 1.4
Corona 2.4 DLX	[22R]						01.81- 01.82	110260	12 1.0
							01.81- 01.82	110411	12 1.4
Corona 2.4 Luxury Edition	[22R]						01.81- 01.82	110260	12 1.0
							01.81- 01.82	110411	12 1.4
Corona MK 1.9	[3R-C]						01.69- 01.70	110152	12 0.9
Corona MK 2.0	[18RC]						01.72- 01.72	110152	12 0.9
							01.72- 01.72	110411	12 1.4
Cressida 2.6	[4M]						01.78- 01.79	110396	12 1.4
	[4ME]						01.80- 01.80	110396	12 1.4
Cressida 3.0 Luxury	[7M-GE]	01.89- 01.92	111705	14	70				
Crown 2.3	[2M]	01.68- 01.71	110248	14	40		01.68- 01.71	110396	12 1.4
Echo 1.5	[1NZ-FE]					AT	01.04-	114239	12 1.6
Highlander 2.4	[2AZ-FE]	01.01- 01.03	113902	14	100		01.01- 01.03	112367	12 1.4
Highlander 3.0	[1MZ-FE]						01.01- 01.03	112367	12 1.4
Land Cruiser 2.4	(HJ60)						01.87-	113239	12 2.5
Land Cruiser 3.4	(BJ60LG-MK)[3B]						01.84-	113239	12 2.5
	(BJ60LV-KK)						01.81-	113239	12 2.5
Land Cruiser 3.9	[F]	01.73- 01.74	110248	14	40		01.73- 01.74	113239	12 2.5
	[FJ]	01.69- 01.72	110248	14	40		01.69- 01.72	113239	12 2.5
							01.65-	113239	12 2.5
Land Cruiser 4.0	[3F-E]						01.88- 01.92	113239	12 2.5
Land Cruiser 4.2	[2F]	01.75- 01.77	110248	14	40		01.75- 01.87	113239	12 2.5
Land Cruiser 4.2	(BJ70)						01.85-	113239	12 2.5
	(HJ60)						01.86-	113239	12 2.5
	(BJ60)						01.81-	113239	12 2.5
	(BJ42)						01.81-	113239	12 2.5
Land Cruiser 4.5	[1FZ-FE]						01.93- 01.97	113169	12 2.2
							01.93- 01.97	113239	12 2.5
Land Cruiser 4.7	[2LJZ-FE]						01.98- 01.02	113239	12 2.5
Land Cruiser 5.7	[3UR-FE]						01.08-	113239	12 2.5
Mark II 2.3	[2M]	01.72- 01.72	110248	14	40		01.72- 01.72	110396	12 1.4
Mark II 2.6	[4M]	01.73- 01.76	110248	14	40		01.73- 01.76	110396	12 1.4
Matrix 1.8 XRS	[2ZZ-GE]						01.03-	114419	12 1.2
MR2 1.6	[4A-GELC]	01.85- 01.89	110496	14	60				
MR2 1.6 Super	[4A-GZE]						12.89-	111455	12 0.8
MR2 2.0 Turbo	[3S-GTE]	01.91- 01.95	112102	14	90		01.91- 01.95	111544	12 1.4
MR2 2.2	[5S-FE]	01.91- 01.95	112102	14	90		01.91- 01.95	111544	12 1.4
Paseo 1.5	[5E-FE]	01.92- 01.95	110496	14	60		01.92- 01.97	110323	12 0.8
		01.96- 01.99	111678	14	60		01.96- 01.99	113665	12 1.2
							01.92- 01.95	110709	12 1.0
Paseo 1.5 Convertible	[5E-FE]	01.97- 01.97	111678	14	60		01.97- 01.97	113665	12 1.2
Pick Up 1.9	[3R-C]	01.69-	110137	14	30				
	[8R-C]	01.70- 01.71	110137	14	30		01.70- 01.71	110152	12 0.9
Pick Up 2.0	[18RC]						01.72- 01.74	110152	12 0.9
Pick Up 2.2	[20R]						01.75- 01.80	110152	12 0.9
							01.75- 01.80	110411	12 1.4
Pick Up 2.2	[L]						01.81- 01.81	110708	12 2.7
Pick Up 2.2 DLX	[L]						01.82- 01.83	110708	12 2.7
Pick Up 2.2 SR5	[L]						01.83- 01.83	110708	12 2.7
Pick Up 2.4	[22R]						01.81- 01.90	110260	12 1.0
							01.81- 01.90	110411	12 1.4
	[22RE]	01.89- 01.93	113077	14	70		01.89- 01.93	110260	12 1.0
	[22REC]						01.89- 01.93	110411	12 1.4
							01.84- 01.88	110260	12 1.0
							01.84- 01.88	110411	12 1.4
Pick Up 2.4 DLX	[22R]						01.82- 01.90	110260	12 1.0
							01.82- 01.90	110411	12 1.4
	[22RE]	01.89- 01.93	113077	14	70		01.89- 01.93	110411	12 1.4
							01.89- 01.93	110260	12 1.0
	[22REC]	01.87- 01.88	113077	14	70		01.87- 01.88	110411	12 1.4
							01.87- 01.88	110260	12 1.0
Pick Up 2.4 RN01		01.91- 01.91	113077	14	70		01.91- 01.91	110260	12 1.0
							01.91- 01.91	110411	12 1.4
Pick Up 2.4 RN02							01.93- 01.93	110411	12 1.4
							01.93- 01.93	110260	12 1.0
Pick Up 2.4 RN60		01.85- 01.85	113077	14	70		01.85- 01.85	110260	12 1.0
							01.85- 01.85	110411	12 1.4
Pick Up 2.4 RN63		01.86- 01.87	113077	14	70		01.86- 01.87	110411	12 1.4
							01.86- 01.87	110260	12 1.0
Pick Up 2.4 SR5	[22R]						01.82- 01.83	110260	12 1.0
							01.82- 01.83	110411	12 1.4

## STARTERS & ALTERNATORS



	[22RE]	01.89- 01.90	113077	14	70	01.89- 01.90	110260	12	1.0	
	[22REC]					01.89- 01.90	110411	12	1.4	
Pick Up 2.4 Turbo	[22RTEC]	01.86- 01.87	113077	14	70	01.84- 01.88	110260	12	1.0	
Pick Up 2.4 Turbo SR5	[22RTEC]	01.85- 01.88	113077	14	70	01.84- 01.88	110411	12	1.4	
Pick Up 2.4 DLX	[2L]					01.86- 01.87	110260	12	1.0	
Pick Up 2.4 LN56	[2L]					01.86- 01.87	110411	12	1.4	
Pick Up 2.4 S/B X/C DX	[2L]					01.85- 01.88	110260	12	1.0	
Pick Up 2.4 Turbo DLX	[2LT]					01.85- 01.88	110411	12	1.4	
Pick Up 2.4 Turbo S/B X/C DX	[2LT]					01.85- 01.85	110708	12	2.7	
Pick Up 3.0 SHT BD DLX EXC	[3VZ-E]	01.91-	111435	14	70	01.85- 01.85	110708	12	2.7	
Previa 2.4 DLX	[2TZ-FE]	01.94- 01.95	111537	14	70					
RAV 4 2.0	[1AZFE]					01.03- 01.03	112367	12	1.4	
	[1AZ-FE]					01.03- 01.03	113244#	12	1.4	
	[3S-FE]	01.96- 01.00	111468	14	80	01.01- 01.02	112367	12	1.4	
Sienna 3.0	[1MZ-FE]					01.96- 01.00	111550	12	1.4	
Sienna 3.3 CE	[3MZ-FE]					01.98- 01.02	112367	12	1.4	
Sienna 3.3 LE	[3MZ-FE]					01.03-	114342	12	1.2	
Solara 2.2	[5S-FE]	01.99- 01.01	111468	14	80	01.06-	114342	12	1.2	
Solara 2.4	[2AZ-FE]					01.06-	114342	12	1.2	
Solara 2.4 SE	[2AZ-FE]					01.99- 01.01	112367	12	1.4	
Solara 3.0	[1MZ-FE]					01.03- 01.03	112367	12	1.4	
Starlet 1.3	[_PT_] [2E-LC]	10.84- 11.89	110628	14	45					
		04.88- 12.89	110496	14	60					
Supra 2.6	[4ME]					01.79- 01.80	110396	12	1.4	
Supra 3.0	[2JZ-GE]	01.96- 01.98	113089	14	80					
	[7M-GE]	01.86- 01.92	111705	14	70					
Supra 3.0 Turbo	[7M-GTE]	01.87- 01.92	111705	14	70					
T100 2.7	[3RZ-FE]	01.94- 01.97	113091	14	60					
T100 3.4	[5VZ-FE]					01.95- 01.98	113119	12	1.4	
T100 3.4 DLX	[5VZ-FE]					01.95- 01.95	113119	12	1.4	
T100 3.4 DLX EXC	[5VZ-FE]					01.95- 01.95	113119	12	1.4	
T100 3.4 DLX One-Ton	[5VZ-FE]					01.95- 01.95	113119	12	1.4	
T100 3.4 SR5	[5VZ-FE]					01.95- 01.97	113119	12	1.4	
Tacoma 2.4	[2RZ-FE]	01.95- 01.96	113091	14	60					
Tacoma 2.4 Regular Cab	[2RZ-FE]	01.95- 01.96	113091	14	60					
Tacoma 2.7	[3RZ-FE]	01.95- 01.97	113091	14	60					
Tacoma 2.7 Regular Cab	[3RZ-FE]	01.95- 01.97	113091	14	60					
Tacoma 3.4	[5VZ-FE]					01.95- 01.03	113119	12	1.4	
Tacoma 3.4 Regular Cab	[5VZ-FE]					01.95- 01.97	113119	12	1.4	
Tacoma 3.4 SR5	[5VZ-FE]					01.95- 01.97	113119	12	1.4	
Tercel 1.5	[1AC]					01.80- 01.80	110323	12	0.8	
	[3E]	01.87- 01.90	110496	14	60	01.87- 01.90	110709	12	1.0	
		01.87- 01.90	110628	14	45	01.87- 01.90	110323	12	0.8	
	[3EE]	01.91- 01.94	110496	14	60	01.91- 01.94	110709	12	1.0	
						01.91- 01.94	110323	12	0.8	
	[5E-FE]	01.95- 01.96	111678	14	60	01.95- 01.96	110323	12	0.8	
Tercel 1.5 CE	[5E-FE]	01.97- 01.98	111678	14	60	01.97- 01.98	113665	12	1.2	
Tercel 1.5 DLX	[3E]	01.87- 01.88	110496	14	60	01.87- 01.88	110709	12	1.0	
		01.87- 01.88	110628	14	45	01.87- 01.88	110323	12	0.8	
	[3EE]	01.90- 01.94	110496	14	60	01.90- 01.94	110709	12	1.0	
		01.93- 01.95	111678	14	60	01.90- 01.94	110323	12	0.8	
Tercel 1.5 DX	[5E-FE]	01.95- 01.96	111678	14	60	01.95- 01.96	110323	12	0.8	
Tercel 1.5 EZ	[3E]	01.88- 01.88	110496	14	60	01.88- 01.88	110709	12	1.0	
		01.88- 01.88	110628	14	45	01.88- 01.88	110323	12	0.8	
	[3EE]	01.90- 01.90	110496	14	60	01.90- 01.90	110323	12	0.8	
						01.90- 01.90	110709	12	1.0	
Tercel 1.5 LE	[3EE]	01.91- 01.93	110496	14	60	01.91- 01.93	110709	12	1.0	
						01.91- 01.93	110323	12	0.8	
Tercel 1.5 S		01.90- 01.94	110496	14	60	01.90- 01.94	110323	12	0.8	
		01.90- 01.90	110628	14	45	01.90- 01.94	110709	12	1.0	
Tundra 3.4	[5VZ-FE]					01.00- 01.02	113119	12	1.4	
Tundra 4.7	[2UZ-FE]	01.00- 01.00	114433	14	80					
		01.01- 01.01	114434	14	100					
Van 2.0 CRG	[3YEC]	01.84- 01.85	111428	14	60	01.84- 01.85	110397	12	1.0	
Van 2.0 DX	[3YEC]	01.84- 01.85	111428	14	60	01.84- 01.85	110397	12	1.0	
Van 2.0 LE	[3YEC]	01.84- 01.85	111428	14	60	01.84- 01.85	110397	12	1.0	
Van 2.2 CRG	[4Y-EC]	01.86- 01.89	111428	14	60					
Van 2.2 DX	[4Y-EC]	01.86- 01.89	111428	14	60					
Van 2.2 LE	[4Y-EC]	01.86- 01.89	111428	14	60					
<b>PASSENGER CARS AO</b>										
4 Runner 2.4 TD RS5 4WD	[_N130_] [2L-T]					08.89- 11.95	110708	12	2.7	
4 Runner 3.0 TDi 4x4						08.89- 11.95	111387	12	2.0	
Allion 2.0 4x4						09.00- 07.02	113757	12	2.2	
Altzza 2.0 VVTi	[1G-FE]					06.01- 06.07	114255	12	1.3	
Avalon 3.5 VVTi	[2GR-FE]					07.01-	114223	12	1.0	
Avensis 2.0 VVTi	(T25) [1AZ-FE]					10.04-	114342	12	1.2	
Avensis 2.4 VVTi Verso GLS	(AC_) [2AZ-FE]	10.03-	114273	14	100	03.03-	114255	12	1.3	
Camry 2.0 4WD	[_V2_] [3S-FE]	08.88- 05.91	111705	14	70	03.03-	114817	12	1.3	
Camry 2.4 VVTi	[_V40] [2AZ-FE]					10.03-	114255	12	1.3	
Camry 3.3 VVTi	[_V30] [3MZ-FE]					01.06-	114342	12	1.2	
Camry 3.5 VVTi XLE	[_V30] [2GR-FE]					08.02- 12.05	114342	12	1.2	
Coaster 2.4	[22R]					01.06-	114342	12	1.2	
Coaster 4.0	(HZ_) [N04C-UP]	11.03-	116029	28	60	05.80-	110260	12	1.0	
	(HZ_) [N04C-VF]	11.03-	116029	28	60					
Coaster 4.1 Diesel	(HZ_)	11.03-	116029	28	60					
Corolla 1.5 Levin S	(AE10) [5A-FE]	06.91- 08.97	111579	14	70	06.91- 08.97	111455	12	0.8	
						06.91- 08.97	110713	12	1.0	
Corolla 1.5 RC	(E12_) [E12T_] [1NZ-FE]					06.04-	113314	12	1.0	

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**TOYOTA** *Continued*

Corolla 1.8	(_E12_) [1ZZ-FE]	06.04-	113296	14 80			
		06.04-	114158	14 70			
Corolla 1.8 Verso	(_E12J_)	09.01- 05.04	114709	14 90	09.01- 05.04	114056	12 1.3
	(_E12J_)	09.01- 05.04	113296	14 80			
	(ZER_, ZZE_)	03.04-	113296	14 80	03.04-	114056	12 1.3
	(ZER_, ZZE_)	03.04-	114709	14 90			
Corolla 2.0 D-4D GS	(_E11_) [1CD-FTV]	08.00- 10.01	114227	14 120	08.00- 10.01	114240	12 1.4
Corolla 2.2 D-4D	(_E12J_, _E12T_) [2AD-FHV]	11.06-	114390	14 100	11.06-	114216	12 2.0
		11.06-	114410	14 130			
Crown 2.0	[1GZ-EE]				09.99- 07.02	114223	12 1.0
Crown 2.4 Diesel	[2L-TE]	08.94- 08.99	114203	14 60			
Dyna 2.4 Diesel	[2L]				08.77- 04.79	114417	12 2.5
Dyna 100 1.8	(YH_) [2Y]				01.86- 08.91	110708	12 2.7
					09.91- 09.93	111387	12 2.0
Dyna 150 2.8 Diesel	(LY_) [3L]				08.89- 09.93	111387	12 2.0
Dyna 200 3.0 Diesel					08.89- 09.93	111387	12 2.0
Dyna 200 3.7 Diesel	[14B]				08.88- 05.95	114417	12 2.5
Echo 1.5 VVTi	[1NZ-FE]				04.99- 08.05	113314	12 1.0
FJ CRUISER 4.0 VVTi	(GSJ_) [1GR-FE]	01.06-	116090*	14 100			
Fortuner 3.0 Diesel	(N2_) [1KD-FTV]				06.04-	115594	12 2.2
Hiace 2.2	(H5_) [4Y]				01.87-	110397	12 1.0
Hiace 2.2 4x4	(H5_) [4Y]				01.87-	110397	12 1.0
Hiace 2.5 D-4D	(_H1_, _H2_) [2KD-FTV]	09.06-	114024	14 80			
Hiace 2.5 D-4D 4x4	(_H1_, _H2_) [2KD-FTV]	09.06-	114024	14 80			
Hiace 3.0 Diesel	(_H1_, _H2_) [5L]				08.98-	113936	12 2.7
Hilux 1.6	(_N_) [12R]				05.72- 03.82	110154	12 0.8
Hilux 1.8	(_N_) [2Y]				08.83- 03.89	110397	12 1.0
Hilux 2.0 4x4	(_N_) [18R]				01.79- 12.83	110152	12 0.9
Hilux 2.2 Diesel	(_N_) [L]				09.79- 01.84	110396	12 1.4
					01.83-	111387	12 2.0
Hilux 2.4 TD 4x4	[2L-TE]				08.95-	112336	12 2.0
Hilux 2.5 Diesel 4x4	[2KD-FTV]				08.05-	114853	12 2.7
					08.05-	115594	12 2.2
Hilux 3.4	(_N_)	08.01- 07.05	114362	14 80			
Land Cruiser 2.4 80 4x4	(_J8_) [22R]				01.90- 05.93	113239	12 2.5
Land Cruiser 2.5 TD 4WD	(_J6_)				11.84- 12.89	113239	12 2.5
Land Cruiser 2.5 TD 4x4	(_J7_)				11.84- 12.89	113239	12 2.5
Land Cruiser 2.7	(J12) [2TR-FE]				11.03-	113239	12 2.5
Land Cruiser 2.7 90	(_J9_)				04.95- 07.02	113239	12 2.5
Land Cruiser 3.0 TD 90	(_J9_) [1KZ-TE]				04.95- 07.00	113239	12 2.5
Land Cruiser 3.0 TD GX 90 Custom 4WD	(_J8_) [1KZ-T]				01.90- 09.91	113239	12 2.5
					01.90- 09.91	113757	12 2.2
Land Cruiser 3.4	(J12)				09.02- 08.04	113239	12 2.5
Land Cruiser 3.4 Diesel 80 4x4	(_J8_)				01.90- 12.96	113239	12 2.5
Land Cruiser 3.5 80 FRT-Top 4WD	(_J8_) [1PZ]				01.90- 08.92	113239	12 2.5
Land Cruiser 3.5 FRT-Top 4WD	(_J7_) [1PZ]				01.90- 08.92	113239	12 2.5
Land Cruiser 4.0	(J12)				09.02- 08.04	113239	12 2.5
Land Cruiser 4.0 Diesel 4x4	(_J7_) [2H]				08.87- 12.89	113239	12 2.5
Land Cruiser 4.0 TD 4x4	(_J7_)				01.97- 08.01	113239	12 2.5
Land Cruiser 4.2 TD 90 4WD	(_J9_)				08.99- 08.01	113239	12 2.5
Land Cruiser 4.2 TDi 24V 100	(_J10_) [1HD-FTE]				01.98- 07.03	113239	12 2.5
Land Cruiser 4.7 90	(_J9_)				08.02-	113239	12 2.5
MR 2 2.0	(_W2_) [3S-FE]	12.89- 08.92	111705	14 70			
Picnic 2.4 VVTi 4x4	[2AZ-FE]				11.03- 08.06	114255	12 1.3
PZJ75					01.90- 01.95	113239	12 2.5
RAV 4 2.0 4x4	(SXA1_)	04.94- 09.97	111517	14 70	04.94-	111463	12 1.0
	(SXA1_)	04.94- 09.97	111468	14 80			
Sequoia 4.7	[2UZ-FE]	05.00-	114433	14 80	05.00-	114440	12 1.4
Sequoia 4.7 4x4		05.00-	114433	14 80	05.00-	114440	12 1.4
Starlet 1.3 XL	(_P8_) [2E]	12.89- 06.91	110496	14 60			
		12.89- 01.92	110628	14 45			
Stout 2.2	[4Y]				01.68-	110152	12 0.9
Wish 2.0 Zi					04.03-	114255	12 1.3
<b>TRUCKS EU</b>							
Dyna 400	[BU222LT-8.0]		114363	28 60			
<b>FORK LIFTS</b>							
2FD100	[2D]				01.84- 01.93	110507	24 4.5
2FD115	[2D]				01.84- 01.93	110507	24 4.5
2FD135	[2D]				01.84- 01.93	110507	24 4.5
2FG-7			110629	14 35			
2FG-9			110629	14 35			
2FGL-7			110629	14 35			
2FGL-9			110629	14 35			
3FD	[2D]				01.80- 01.90	110507	24 4.5
4SG-10			110629	14 35			
4SG-12			110629	14 35			
4SG-15			110629	14 35			
5FD-10		01.89- 01.94	110629	14 35			
5FD-14		01.89- 01.94	110629	14 35			
5FD-15		01.89- 01.94	110629	14 35			
5FD-18		01.89- 01.94	110629	14 35			
5FD-20		01.89- 01.94	110629	14 35			
5FD-23		01.89- 01.94	110629	14 35			
5FD-25		01.89- 01.94	110629	14 35			
5FD40		01.89- 01.94	112252	28 25	01.88- 01.93	110490	24 4.5
		01.88- 01.93	111018	14 50			
5FD45		01.89- 01.94	112252	28 25	01.88- 01.94	110490	24 4.5
5FD50		01.90- 01.94	112252	28 25	01.90-	110490	24 4.5
5FD60		01.90- 01.94	112252	28 25	01.90-	110490	24 4.5
5FD70		01.90- 01.94	112252	28 25	01.90-	110490	24 4.5
5FDL-10		01.89- 01.94	110629	14 35			
5FDL-14		01.89- 01.94	110629	14 35			
5FDL-15		01.89- 01.94	110629	14 35			
5FDL-18		01.89- 01.94	110629	14 35			
5FDL-20		01.89- 01.94	110629	14 35			

## STARTERS & ALTERNATORS



5FDL-23		01.89- 01.94	110629	14	35					
5FDL-25		01.89- 01.94	110629	14	35					
5FG10		01.89- 01.94	110629	14	35					
						01.89-	111189	12	0.8	
						01.86- 01.94	110411	12	1.4	
5FG14		01.89- 01.94	110629	14	35					
						01.89-	111189	12	0.8	
						01.86- 01.94	110411	12	1.4	
5FG15		01.89- 01.94	110629	14	35					
						01.89-	111189	12	0.8	
5FG18		01.89- 01.94	110629	14	35					
						01.89-	111189	12	0.8	
5FG20		01.86- 01.88	111017	14	50					
		01.89- 01.94	110629	14	35					
		01.89-	111018	14	50					
5FG23		01.86- 01.88	111017	14	50					
		01.89- 01.94	110629	14	35					
		01.89- 01.93	111018	14	50					
5FG25		01.86- 01.88	111017	14	50					
		01.89- 01.94	110629	14	35					
		01.89- 01.93	111018	14	50					
5FG-28		01.89- 01.94	110629	14	35					
5FG-30		01.89- 01.94	110629	14	35					
5FG35		01.89-	111018	14	50					
5FG38		01.89-	111018	14	50					
5FG40		01.89-	111018	14	50					
5FG45		01.90-	111018	14	50					
5FG50						01.94-	110411	12	1.4	
5FG60		01.90-	111018	14	50					
5FGL10		01.89- 01.94	110629	14	35					
						01.89-	111189	12	0.8	
						01.86-	110411	12	1.4	
5FGL14		01.89- 01.94	110629	14	35					
						01.89-	111189	12	0.8	
						01.86-	110411	12	1.4	
5FGL15		01.89- 01.94	110629	14	35					
						01.89-	111189	12	0.8	
						01.86-	110411	12	1.4	
5FGL18		01.89- 01.94	110629	14	35					
						01.89-	111189	12	0.8	
						01.86-	110411	12	1.4	
5FGL20		01.86- 01.88	111017	14	50					
		01.89-	111018	14	50					
		01.89- 01.94	110629	14	35					
5FGL23		01.89- 01.94	110629	14	35					
		01.86- 01.88	111017	14	50					
		01.89-	111018	14	50					
5FGL-25		01.89- 01.94	110629	14	35					
6FDL-10			110629	14	35					
6FDL-14			110629	14	35					
6FDL-15			110629	14	35					
6FDL-18			110629	14	35					
6FDL-20			110629	14	35					
6FDL-23			110629	14	35					
6FDL-25			110629	14	35					
6FG-10			110629	14	35					
6FG-14			110629	14	35					
6FG-15			110629	14	35					
6FG-18			110629	14	35					
6FG-20			110629	14	35					
6FG-23			110629	14	35					
6FG-25			110629	14	35					
6FG-28			110629	14	35					
6FG-30			110629	14	35					
6FGL-10			110629	14	35					
6FGL-14			110629	14	35					
6FGL-15			110629	14	35					
6FGL-18			110629	14	35					
6FGL-20			110629	14	35					
6FGL-23			110629	14	35					
6FGL-25			110629	14	35					
7FD10		01.98-	112358	14	55					
7FD14		01.98-	112358	14	55					
7FD15		01.98-	112358	14	55					
7FD18		01.98-	112358	14	55					
7FD20		01.98-	112358	14	55					
						01.98-	113238	12	2.7	
						01.98-	112036	12	2.5	
7FD23		01.98-	112358	14	55					
						01.98-	113238	12	2.7	
						01.98-	112036	12	2.5	
FD100	[2D]					01.82- 01.84	110507	24	4.5	
FG20	[2R]		110137	14	30					
			110138	14	40					
							110411	12	1.4	
FG25	[5R]		110137	14	30					
			110138	14	40					
							110411	12	1.4	
Various models			113989	14	50					
			114725	14	50					
<b>Trackless</b>										
<b>INDUSTRY</b>										
Various models			115680	14	95					
<b>Triumph</b>										
<b>PASSENGER CARS EU</b>										
Spitfire 1.5 1500	[FM11]	01.75- 12.80	110178	14	36		01.75- 12.80	111103	12	0.8
Spitfire MK 1.3	[FM3]	01.71- 01.72	110178	14	36		01.71- 12.72	111103	12	0.8
TR 6 2.5	[CF1]	01.69- 12.76	110179	14	36					
		01.72- 12.76	110178	14	36					
TR 7 2.0	[CG2]	01.73- 12.81	110179	14	36					
<b>PASSENGER CARS US</b>										
GT6 2.0							01.68- 01.73	111102	12	0.8
Spitfire 1.2							01.63- 01.67	111102	12	0.8
Spitfire 1.3							01.68- 01.72	111102	12	0.8
Spitfire 1.5	[FP]	01.75- 01.79	110178	14	36		01.75- 01.79	111102	12	0.8
	[W]	01.80- 01.80	110178	14	36		01.80- 01.80	111102	12	0.8
		01.73- 01.74	110178	14	36		01.73- 01.74	111102	12	0.8
Spitfire 3.0							01.71- 01.73	110336	12	0.75

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





**TRIUMPH Continued**

TR 250 2.5		01.68- 01.68	110178	14 36		01.68- 01.68	111102	12 0.8
TR 6 2.5	[CF]	01.75- 01.76	111184	14 43				
		01.69- 01.73	110178	14 36		01.69- 01.70	111102	12 0.8
TR 7 2.0	[1]	01.81- 01.81	110179	14 36				
	[CL]	01.75- 01.79	110179	14 36				
	[CV]	01.77-	110179	14 36				
		01.80- 01.80	110179	14 36				
TR 8 3.5		01.80- 01.81	111185	14 43	A47			
<b>TVR</b>								
<b>PASSENGER CARS EU</b>								
Tasmin Cabriolet 3.5		01.83- 12.84	111204	14 70				
<b>Universal</b>								
<b>MISCELLANEOUS</b>								
Universal unit			111355	14 65				
			110977	28 35				
<b>Ursus</b>								
<b>AGRICULTURE</b>								
912							110551	12 3.0
914							110551	12 3.0
933							110551	12 3.0
935							110551	12 3.0
1014							110551	12 3.0
1033							110551	12 3.0
1035							110551	12 3.0
1133							110551	12 3.0
1614							110551	12 3.0
C360							114254	12 2.7 GR
							110545	12 3.0
C385							114254	12 2.7 GR
							110545	12 3.0
							110551	12 3.0
<b>Valpadana</b>								
<b>AGRICULTURE</b>								
2020 0.7	[7LD665]					03.88- 12.90	113268	12 1.6
Various models							110844	12 2.2
							113268	12 1.6
							112171	12 1.1
VMC 130						01.89-	112171	12 1.1
VMC 150						04.84-	112171	12 1.1
<b>Valtra</b>								
<b>AGRICULTURE</b>								
305		01.83-	113574	14 65				
355		01.89- 01.94	111362	14 55				
405		01.83-	113574	14 65				
411	[411C]					01.81- 01.85	113484	24 4.0
455		01.89- 01.94	111362	14 55				
505 3.3		08.82-	113574	14 65		08.82-	114254	12 2.7 GR
						01.69- 01.75	110545	12 3.0
605 3.3		08.82-	113574	14 65		08.82-	114254	12 2.7 GR
						08.82- 06.94	110545	12 3.0
611 6.6	[611C]					01.75- 12.85	113484	24 4.0
705 4.4		08.82-	113574	14 65		08.82-	116134*	12 3.0 A49
						08.82-	114254	12 2.7 GR
						01.71- 01.72	110545	12 3.0
805 4.4		08.82-	113574	14 65		08.82-	114254	12 2.7 GR
						08.82- 06.94	110545	12 3.0
905		01.83-	113574	14 65				
2005		01.85-	112742	14 90				
2105		01.85-	112742	14 90				
6000		01.90-	113574	14 65				
6100		01.90-	113574	14 65				
6300		01.91-	110968	14 70				
		01.91-	111355	14 65				
6400		01.91-	111355	14 65				
		01.91-	110968	14 70				
6600		01.91-	111355	14 65				
		01.91-	110968	14 70				
8000		09.90-	111355	14 65				
		01.90-	110968	14 70				
8050	[620DS]	01.96-	112556	14 95		01.96-	110545	12 3.0
						01.96-	114254	12 2.7 GR
8100		09.90-	111355	14 65				
		01.90-	110968	14 70				
8150	[620DS]	01.96-	112556	14 95		01.96-	110545	12 3.0
						01.96-	114254	12 2.7 GR
8300	[612D]	01.90- 01.93	111355	14 65				
8400	[620DS]	01.93- 01.95	111355	14 65				
8450	[620DW]	01.96-	112556	14 95		01.96-	110545	12 3.0
						01.96-	114254	12 2.7 GR
8550	[634DS]	01.98-	112556	14 95		01.96-	110545	12 3.0
						01.98-	114254	12 2.7 GR
8600	[612DS]	01.90- 01.93	111355	14 65				
8750	[634DA]	01.98-	112556	14 95		01.96- 01.98	110545	12 3.0
						01.96-	114254	12 2.7 GR
	[634DS]	01.98-	112556	14 95		01.96- 01.98	110545	12 3.0
						01.96-	114254	12 2.7 GR
8950	[634DS]	01.98-	112556	14 95		01.98-	110545	12 3.0
						01.98-	114254	12 2.7 GR
A72 3.3	[33DTA]		114808	14 120				
A75N 3.3 Turbo	[33DT]						113901	12 3.0
A85N 4.4 Turbo	[44DT]						113901	12 3.0
A95N 4.4 Turbo	[44DT]						113901	12 3.0
S230 8.4		01.02-	112556	14 95				
		01.02-	113610	14 120				
S260 8.4	[645D..]	01.02-	112556	14 95				
		01.02-	113610	14 120				



T120	01.02-	112556	14 95		04.00-	113570	12 4.0
	01.02-	113610	14 120				
T130	01.02-	113610	14 120		04.00-	113570	12 4.0
T140	01.02-	113610	14 120		04.00-	113570	12 4.0
T160	01.02-	113610	14 120		04.00-	113570	12 4.0
T170	01.02-	113610	14 120		04.00-	113570	12 4.0
T180	01.02-	113610	14 120		04.00-	113570	12 4.0
T190	01.02-	113610	14 120		04.00-	113570	12 4.0
Various models						113570	12 4.0
X 100	01.02-	113610	14 120				
	01.99-	112556	14 95				
X 110	01.02-	113610	14 120				
	01.99-	112556	14 95				
X 120	01.99-	113610	14 120				
	01.99-	112556	14 95				
<b>Various</b>							
<b>TRUCKS US</b>							
Various models		115812	14 130	Military Equipment, GM 6.2L		113435	24 4.5
		114534	14 160		01.79- 01.80	110436	12
		113739	14 130				
<b>MARINE</b>							
Various models		111761	14 105			111049	12
		113633	14 55			110999	24
		112237	14 70			114729	24 7.0
		114767	28 100				
		113152	14 90				
		110577	28 55				
		110976	14 65				
<b>MISCELLANEOUS</b>							
Universal Alternator		114355	28 55				
<b>Various Agriculture Vehicles</b>							
<b>AGRICULTURE</b>							
	[Cummins A 2300]					115968	12 2.0
		114256	14 90			110182	12 0.9
		110505	14 75			112041	12 2.2
		110620	14 35			111911	12 1.4
		111833	28 140 w/ bushing in rear brackethole			111855	12 2.2
		111620	14 65			111804	12 0.6
		111369	14 90			111701	12 0.8
		111356	14 55			111622	12 1.2
		110975	14 65			111574	12 2.8
		110972	14 65			111573	12 2.8
		110969	14 65			114677	12 2.0
		116063	28 140 w/o bushing in rear brackethole			112249	12 2.7
		115387	28 140			112242	12 0.6
		115386	28 140			111284	12 2.5
		114767	28 100			111197	12 2.0
		114813	28 65			111103	12 0.8
		114004	14 150			111049	12
		112194	14 120			111021	12 1.4
		112183	14 60			111015	12 1.1
		110591	28 75			110949	12 0.6
		110497	14 70			110940	12 1.4
		110117	28 35			116044	24 6.0
		110448	28 20			114852	12 4.2
						115355	24 5.4
						115392	12 4.0
						115391	12 4.0
						114730	12 2.1
						115469	12 0.7
						115428	12 1.8
						115447*	24 8.0
						115590	24 9.0
						115393	12 4.0
						110817	12 2.1
						110635	12 0.5
						110534	24 5.4
						110512	24 5.4
						110469	12
						110468	12
						110464	12 2.1
						110461	12 2.8
						110245	12 1.7
						110246	12 1.4
						110356	12 1.4
						110447	12 1.0
						110421	12 0.8

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

Various Industrial applications

INDUSTRY										
			114256	14	90			114744	24	5.4
			111575	14	90			111701	12	0.8
			112657	28	60					
			113457	28	60			114677	12	2.0
			113458	28	60			114170	24	4.0
			113497	28	35			113827	24	7.0
			113544	14	95			113681	12	0.6
			115780	28	40			113671	12	
			115386	28	140			114852	12	4.2
			115387	28	140			115355	24	5.4
			114868	14	75			114824	24	4.0
			112559	14	50			115674	24	5.0
			114767	28	100			115590	24	9.0
			114770	14	80			114729	24	7.0
			114302	28	75			115393	12	4.0
			114813	28	65			113592	12	
			114657	14	14			113591	12	
			115381	28	80			113527	12	0.6
			113589	28	180			113526	12	0.5
			113650	28	80			113208	12	0.8
			113651	14	160			112827	12	
			113707	14	200			114730	12	2.1
			113738	28	55	A49		115469	12	0.7
			113743	14	20			115447*	24	8.0
			113763	14	85			112570#	120	
			113765	14	90					
			113777	14	145					
			113886	28	50					
			113895	28	80					

Various models

TRUCKS EU

			115812	14	130					
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Vauxhall

PASSENGER CARS EU

Adam 1.2	[A12XEL]	10.12-	114727*	14	130			10.12-	115395	12	1.1
								10.12-	115646	12	1.1
Adam 1.4	[A14XEL]	10.12-	114727*	14	130			10.12-	115395	12	1.1
	[A14XER]	10.12-	114727*	14	130			10.12-	115646	12	1.1
								10.12-	115646	12	1.1
Adam 1.4 LPG	[A14XEL]	07.13-	114727*	14	130			07.13-	115646	12	1.1
Agila 1.0	[K10B]	01.08-	114247	14	75			01.08-	114871	12	1.1
Agila 1.0 12V	[Z10XE]	09.00-	111824	14	70		Chas. -19P00893	09.00-	111123	12	0.9
			111824	14	70		Chas. 19P00894-	09.00-	113276	12	1.1
	[Z10XEP]	08.03- 08.07	111824	14	70			08.03-	113276	12	1.1
Agila 1.0 LPG	[K10B]	01.08-	114247	14	75						
Agila 1.2	[K12B]	01.08-	114247	14	75			01.08-	114871	12	1.1
Agila 1.2 16V	[K12B]	01.08-	114247	14	75						
	[Z12XE]	09.00-	111824	14	70			09.00-	111684	12	1.4
			111824	14	70			09.00-	113276	12	1.1
		Chas. 1G021260-									
Agila 1.2 16V Twinport	[Z12XEP]	07.04- 08.07	111824	14	70			07.04-	111123	12	0.9
Agila 1.2 LPG	[K12B]	04.08-	114247	14	75						
Agila Mk II 1.0 i	[K10B]	08.11-	114247	14	75			08.11-	114871	12	1.1
Antara 2.2 CDTi	[A22DM]	12.10-	115761	14	140			12.10-	115571	12	2.2
	[A22DMH]	12.10-	115761	14	140			12.10-	115571	12	2.2
Antara 2.4	[A24XE]							11.10-	115773	12	1.3
Antara 3.2 V6	[Z32SEE]	05.06-	114235	14	120						
Arena 1.9 Diesel	[F8Q600]							03.98- 08.01	113481	12	1.4
	[F8Q606]							03.98- 08.01	113481	12	1.4
Arena 2.5 Diesel	[S8U758]	03.98- 08.01	111937	14	75			03.98- 08.01	113134	12	2.2
		03.98- 08.01	112057	14	110						
	[S8U780]	03.98- 08.01	111937	14	75			03.98- 08.01	113134	12	2.2
		03.98- 08.01	112057	14	110						
	[S8U782]	03.98- 08.01	111937	14	75			03.98- 08.01	113134	12	2.2
		03.98- 08.01	112057	14	110						
Astra 1.6	[Z16LET]	10.06- 11.10	115843	14	120			10.06-	114298	12	1.1
	[Z16XEP]	09.05-	114431	14	120			09.05-	113276	12	1.1
			115306	14	120		Chas. 72094719-	10.06-	114298	12	1.1
			114431	14	120		Chas. -72094718, -75086479, -78048187	10.06-			
Astra 1.8	[Z18XER]	05.08- 11.10	115306	14	120		Chas. 71052537-	05.08-	114298	12	1.1
		05.08- 11.10	114431	14	120		Chas. -71052536				
Astra 1.9 CDTi	[Z19DTH]	01.06-	113904	14	130						
		01.06-	113955	14	105						
		01.06-	114088	14	140						
		01.06- 11.10	114801	14	105	A46					
		01.06- 11.10	115487	14	140	A49					
Astra 1.9 CDTi LE	[Z19DTL]	08.05-	113904	14	130			08.05-	113931	12	1.7
		08.05-	113955	14	105						
		08.05-	114088	14	140						
		08.05-	114204	14	120						
		08.05- 11.10	114801	14	105	A46					
		08.05- 11.10	115487	14	140	A49					
Astra 2.0 16V Turbo	[Z20LER]	01.06- 11.10	115846	14	120			01.06- 11.10	111848	12	1.0
Astra 2.0 i	[Z20LEL]	02.06- 11.10	115846	14	120			02.06- 11.10	111848	12	1.0
Astra 2.0 Turbo	[Z20LET]	03.02-	112416	14	100			03.02-	111848	12	1.0
Astra 2.0 Turbo SRI	[Z20LET]	07.02-	112416	14	100			07.02-	111848	12	1.0
			115619	14	120		Chas. 32242323-, 35216265-, 38100965-				
Astra D 1.2 S	[12S]	02.82- 08.84	110077	14	50			02.82- 08.84	110364	12	0.65
		08.82- 08.84	113376	14	55						
Astra D 1.3 S	[13S]	09.79- 08.84	110077	14	50			09.79- 08.84	111055	12	0.7
		09.79- 08.84	111656	14	45						
		09.79- 08.84	113376	14	55						
Astra D 1.6 Diesel	[16D]	02.82- 08.86	110972	14	65			01.85- 01.89	110839	12	1.7

STARTERS & ALTERNATORS



Astra D 1.8 GTE	[18E]	03.83- 08.86	110972	14 65				
		03.83- 08.86	111168	14 55				
Astra E 1.2	[12S]	09.84- 08.91	110077	14 50		09.84- 12.88	110364	12 0.65
		09.84- 08.91	113376	14 55		09.84- 08.91	111055	12 0.7
Astra E 1.3	[13S]	09.84- 08.91	110077	14 50		09.84- 08.87	111055	12 0.7
		09.84- 08.91	113376	14 55		09.84- 08.91	111123	12 0.9
Astra E 1.4 i	[C14NZ]	01.90- 08.91	111166	14 70		01.90- 08.91	111123	12 0.9
		01.90- 08.91	113376	14 55		01.90- 08.91	111127	12 1.4
		PS 01.90- 08.91	111170	14 65				
Astra E 1.4 S	[14NV]					01.90- 08.91	111055	12 0.7
Astra E 1.6	[16SV]					09.84- 12.91	111055	12 0.7
Astra E 1.6 Diesel	[16DA]	03.82- 08.88	110972	14 65		09.84- 12.89	110839	12 1.7
		09.88- 01.89	111168	14 55	W			
		09.88- 12.89	112056	14 70				
Astra E 1.7 Diesel	[17DR]	02.89-	111168	14 55	W			
Astra E 1.8 GTE	[18E]	09.84- 08.86	111168	14 55		01.88- 01.91	111122	12 1.0
	[18SE]	09.86- 08.91	111168	14 55				
Astra E 2.0 GTE	[20SEH]	01.88- 08.91	111169	14 70		03.87- 08.91	110847	12 1.4
						03.87- 08.91	111122	12 1.0
Astra E 2.0 16V GTE	[20XE]					05.88- 08.91	110847	12 1.4
						05.88- 08.91	111122	12 1.0
Astra F 1.4 i 16V	[X14XE]	02.96- 09.98	112229	14 70		02.96- 09.98	111123	12 0.9
Astra F 1.4 i	[C14NZ]	09.91- 08.95	111166	14 70		09.91- 09.98	111123	12 0.9
		09.91-	112229	14 70		09.91- 09.93	111055	12 0.7
		09.91- 09.98	113376	14 55		09.91- 09.98	111127	12 1.4
		09.95- 09.98	112689#	14 55				
		PS 09.91- 08.92	111170	14 65				
		PS 09.92- 09.98	112229	14 70				
	[C14SE]	03.91- 08.95	112775	14 70		03.91- 09.98	111127	12 1.4
		05.93-	112229	14 70		03.91- 09.98	111123	12 0.9
		PS 03.91- 08.92	111170	14 65		03.92- 06.94	111055	12 0.7
		PS 09.92- 09.98	112229	14 70				
	[X14XE]	01.96-	111990	14 70		01.96-	111123	12 0.9
		01.96-	112229	14 70		01.96-	111127	12 1.4
						09.97-	111684	12 1.4
Astra F 1.4 S	[14NV]	09.91- 09.93	111166	14 70		09.91- 02.95	111055	12 0.7
		09.91- 02.98	111732	14 120		09.91-	111123	12 0.9
		09.91- 09.93	113376	14 55		09.91-	111127	12 1.4
		09.95- 09.98	112689#	14 55				
		Chas. S2500016- 09.91- 02.98	112689#	14 55				
		Chas. -S2500015 09.91- 09.93	113376	14 55				
Astra F 1.6 i 16V	[X16XEL]	01.94- 02.98	111732	14 120		01.94- 02.98	111123	12 0.9
		01.94- 09.98	112229	14 70		01.94- 02.98	111055	12 0.7
Astra F 1.6 i	[C16NZ]	09.91- 08.95	111166	14 70		03.92- 09.98	111127	12 1.4
		09.91- 08.92	111170	14 65		09.91- 02.98	111123	12 0.9
		PS 09.91- 08.95	111166	14 70		09.91- 04.94	111055	12 0.7
		PS 09.91- 08.92	111170	14 65				
		PS 09.92- 02.98	112229	14 70				
	[C16SE]	03.92- 08.95	111166	14 70		03.92- 02.98	111055	12 0.7
		03.92- 02.98	111426	14 100		03.92- 02.98	111123	12 0.9
		03.92- 02.98	111732	14 120		03.92- 02.98	111127	12 1.4
		09.92-	112229	14 70				
		PS 03.92- 08.92	111170	14 65				
		PS 09.92- 12.94	112229	14 70				
	[E16NZ]	09.91- 08.95	111166	14 70		09.91- 04.94	111055	12 0.7
		09.91- 08.92	111170	14 65		09.91- 02.98	111123	12 0.9
		PS 09.91- 08.95	111166	14 70				
		PS 09.91- 08.92	111170	14 65				
		PS 09.92- 02.98	112229	14 70				
	[X16SZ]	03.93- 08.95	112775	14 70		07.94- 02.98	111055	12 0.7
		07.94- 02.98	111426	14 100		07.94- 02.98	111123	12 0.9
		07.94- 02.98	111732	14 120				
		PS 03.93- 08.96	112229	14 70				
	[X16SZR]	09.95- 08.97	111426	14 100		03.92- 09.98	111127	12 1.4
		09.95- 08.97	111732	14 120		09.97-	111684	12 1.4
		PS 09.95- 08.97	111170	14 65		03.92- 09.98	111123	12 0.9
		PS 09.95- 08.97	112229	14 70				
Astra F 1.6 i Eco	[X16SZ]	08.94- 08.95	112775	14 70		07.94- 02.98	111055	12 0.7
		PS 08.94- 07.96	112229	14 70				
Astra F 1.7 Diesel	[17D]	12.91- 02.98	111515	14 70		12.91- 09.92	110839	12 1.7
		12.91- 09.92	112056	14 70				
	[17DR]	07.92- 09.98	112056	14 70		07.92- 09.98	110839	12 1.7
		09.92- 09.98	111515	14 70				
Astra F 1.7 TD	[17DT (TC4EE1)]	12.91- 02.98	111515	14 70		Chas. 997453- 12.91- 02.98	111690	12 1.1
		12.91-	112056	14 70		Chas. -750406 12.91- 02.98	111274	12 1.2
		Chas. -S2...,S5..., S6..., S8999999 12.91- 02.98	111186	14 70				
	[X17DTL]	11.94- 09.98	111515	14 70		11.94- 09.98	110839	12 1.7
		11.94- 09.98	112056	14 70				
Astra F 1.8 16V	[C18XEL]	11.94-	111426	14 100		11.94-	111848	12 1.0
		11.94-	112229	14 70				
	[X18XE]	03.96-	111426	14 100		03.96-	111848	12 1.0
		03.96-	112229	14 70				
Astra F 1.8 i 16V	[C18XE]	09.94- 10.94	111426	14 100		09.94- 10.94	111848	12 1.0
		09.94- 02.98	111732	14 120				
		09.94- 10.94	112229	14 70				
	[C18XEL]	09.94-	111426	14 100		09.94-	111848	12 1.0
		09.94- 02.98	111732	14 120				
		09.94-	112229	14 70				
Astra F 1.8 i	[C18NZ]	09.91- 08.92	111169	14 70				
		09.91- 09.98	111426	14 100				
		09.91- 09.98	112229	14 70				
		03.92- 09.98	111514	14 100				
Astra F 2.0 i 16V	[C20XE]	09.91-	111426	14 100		09.91-	110847	12 1.4
		09.91-	111732	14 120				
		09.91- 02.98	112056	14 70				
		09.91- 02.98	112229	14 70				

## STARTERS & ALTERNATORS

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	[X20XE]	02.95-09.98	111426	14 100	02.95-09.98	111848	12 1.0
		02.95-09.98	112229	14 70			
Astra F 2.0 i	[C20NE]	09.91-08.92	111169	14 70	09.91-12.94	110847	12 1.4
		09.91-02.98	111732	14 120			
		03.92-09.98	111426	14 100			
		03.92-09.98	112229	14 70			
Astra G 1.2 16V	[X12XE]	02.98-	111824	14 70	09.97-09.00	111123	12 0.9
					02.98-09.00	113276	12 1.1
Astra G 1.4 16V	[X14XE]	02.98-	111990	14 70	09.97-08.00	111123	12 0.9
		02.98-	112416	14 100			
	Chas. -12257452, -15257663, -18131574	09.97-08.00	115619	14 120			
	[Z14XE]	02.98-	111990	14 70	09.00-	111123	12 0.9
		02.98-	112416	14 100			
	Chas. -12257452, -15257663, -18131574	09.00-08.05	115619	14 120			
Astra G 1.6	[X16SZR]	02.98-	111990	14 70	09.97-09.00	111123	12 0.9
		02.98-09.00	112416	14 100	02.98-09.00	113276	12 1.1
	Chas. -12257452, -15257663, -18131574	09.97-08.05	115619	14 120			
Astra G 1.6 16V	[C16SEL]	03.98-08.00	112416	14 100	09.97-08.00	111123	12 0.9
		09.98-	111990	14 70			
	Chas. -12257452, -15257663, -18131574	09.97-08.00	115619	14 120			
	[X16XEL]	02.98-	111990	14 70	09.97-08.00	111123	12 0.9
		02.98-08.00	112416	14 100			
	Chas. -12257452, -15257663, -18131574	09.97-08.00	115619	14 120			
	[Z16XE]	02.98-	111990	14 70	09.00-	111123	12 0.9
		02.98-	112416	14 100			
	Chas. -12257452, -15257663, -18131574	09.00-08.05	115619	14 120			
	[Z16XEP]	03.98-08.00	112416	14 100	09.97-08.00	111123	12 0.9
		09.98-	111990	14 70			
	Chas. -12257452, -15257663, -18131574	09.97-08.00	115619	14 120			
Astra G 1.7 TD	[X17DTL]	02.98-	112720	14 100	02.98-08.00	110839	12 1.7
Astra G 1.8 16V	[X18XE1]	02.98-	111990	14 70	09.97-09.00	112431	12 1.1
		02.98-	112416	14 100	02.98-09.00	113276	12 1.1
	Chas. -12257452, -15257663, -18131574	09.97-09.00	115619	14 120			
Astra G 2.0 16V	[X20XE]	09.97-08.05	115619	14 120	09.97-	111848	12 1.0
		02.98-	111990	14 70			
		02.98-	112416	14 100			
Astra G 2.0 Diesel	[X20DTL]	02.98-	111514	14 100	02.98-	113674	12 2.0
		02.98-	113879	14 100			
	[Y20DTL]	09.00-	112415	14 120	09.98-	113674	12 2.0
		02.98-	111514	14 100			
		02.98-	113879	14 100			
Astra J GTC 2.0 BiTurbo CDTi BiTurbo	[A20DTR]	12.12-	114202	14 100	12.12-	113931	12 1.7
		12.12-	114847*	14 140	12.12-	114058	12 1.7
		12.12-	115526	14 100			
		12.12-	115583	14 120			
Astra MK II 1.3	[C13N]	09.85-08.91	111166	14 70	09.85-08.91	111055	12 0.7
		09.85-08.91	111656	14 45			
		09.85-08.91	113376	14 55			
Astra MK II 1.6 i	[16SV]	01.87-12.91	113376	14 55	09.84-12.91	111055	12 0.7
Astra MK II 2.0 i	[20NE]				01.87-12.91	110847	12 1.4
	[C20NE]	01.91-08.92	111169	14 70	01.91-08.93	110847	12 1.4
		09.92-08.93	111426	14 100			
		09.92-08.93	112229	14 70			
Astra MK III 1.4	[14NV]	09.91-09.93	111426	14 100			
		09.91-09.93	111732	14 120			
		09.91-09.93	112689#	14 55			
		09.91-09.93	113376	14 55			
	[C14NZ]	09.91-02.98	111166	14 70	09.91-02.98	111055	12 0.7
		09.91-02.98	111170	14 65			
		09.91-02.98	111426	14 100			
		09.91-02.98	111732	14 120			
		09.91-02.98	112229	14 70			
		09.91-02.98	112689#	14 55			
		09.91-02.98	113376	14 55			
Astra MK III 1.4 i 16V	[X14XE]	02.96-02.98	112229	14 70	02.96-02.98	111123	12 0.9
Astra MK III 1.6 i 16V	[X16XEL]	01.94-02.98	112229	14 70	01.94-02.98	111123	12 0.9
Astra MK III 1.6 Si	[C16SE]	03.91-08.95	112775	14 70	03.92-02.98	111127	12 1.4
		PS 03.91-08.92	111170	14 65	03.92-02.98	111055	12 0.7
		PS 09.92-12.94	112229	14 70			
Astra MK III 1.7 Diesel	[17DR]	03.91-12.94	111515	14 70	03.91-12.94	110839	12 1.7
		03.91-12.94	112056	14 70			
Astra MK III 1.7 TD	[17DT (TC4EE1)]	09.88-11.95	111186	14 70	09.88-09.98	111274	12 1.2
		12.91-09.98	111515	14 70			
	[X17DTL]	01.94-02.98	111515	14 70	01.94-02.98	110839	12 1.7
		01.94-02.98	112056	14 70			
Astra MK III 1.8	[C18NZ]	09.91-02.98	111169	14 70			
		09.91-02.98	111426	14 100			
		09.91-02.98	111732	14 120			
		09.91-02.98	112229	14 70			
Astra MK III 1.8 16V	[18SE]	09.95-02.98	111426	14 100	09.95-02.98	111848	12 1.0
		09.95-02.98	111732	14 120			
		09.95-02.98	112229	14 70			
Astra MK III 1.8 i 16V	[C18XEL]	09.94-12.96	111426	14 100	09.94-12.96	111848	12 1.0
		09.94-12.96	112229	14 70			
Astra MK III 2.0 16V	[X20XE]	01.94-02.98	111426	14 100	01.94-02.98	111848	12 1.0
		01.94-02.98	111732	14 120			
		01.94-02.98	112229	14 70			
Astra MK III 2.0 i 16V	[X20XE]	01.94-02.98	111426	14 100	01.94-02.98	111848	12 1.0
		01.94-02.98	112229	14 70			
Astra MK III 2.0 DTi 16V	[X20DTH]	08.99-	111514	14 100	08.99-	113674	12 2.0
Astra MK IV 1.2 16V	[Z12XE]	09.00-	111824	14 70	09.00-	111123	12 0.9
					09.00-09.03	113276	12 1.1



Astra MK IV 1.6	[Z16SE]	09.00-	111990	14 70	09.00-	111123	12 0.9	
		09.00-	112416	14 100	09.00- 01.04	113276	12 1.1	
		09.00- 08.05	115619	14 120				
		Chas. -12257452, -15257663, -18131574	09.00- 08.05	115619	14 120			
Astra MK IV 1.6 16V	[Z16XEP]	12.02- 07.09	114431	14 120	12.02- 05.05	113276	12 1.1	
		12.02- 05.05	115306	14 120	12.02- 07.09	111123	12 0.9	
		03.01-	111990	14 70	09.00-	111123	12 0.9	
		03.01-	112416	14 100	09.97-	111684	12 1.4	
Astra MK IV 1.6 Dualfuel	[Z16XE]	09.00-	115619	14 120				
		Chas. -12257452, -15257663, -18131574	09.00- 10.05	115619	14 120			
		[Z16XEP]	03.00- 10.05	114431	14 120	03.00- 10.05	111123	12 0.9
						03.00- 10.05	113276	12 1.1
Astra MK IV 1.7 CDTi 16V	[Z17DTL]	09.02-	111990	14 70	09.02-	113276	12 1.1	
Astra MK IV 1.7 DTi 16V	[Y17DT]	07.00- 07.09	111990	14 70	07.00- 07.09	111123	12 0.9	
		07.00- 07.09	112416	14 100				
		07.00- 07.09	115619	14 120				
Astra MK IV 1.8 16V	[Z18XE]	04.03-	112271	14 100	04.03- 08.05	112320	12 1.4	
Astra MK IV 1.8 Dualfuel 16V	[Z18XE]	02.00-	112271	14 100	02.00-	112320	12 1.4	
		02.00-	112272	14 70				
		AC 02.00-	112271	14 100				
Astra MK IV 2.0 16V	[X20XER]	09.00-	111990	14 70	09.00-	112431	12 1.1	
		09.00-	112416	14 100	09.00- 01.04	113276	12 1.1	
		Chas. -12257452, -15257663, -18131574	09.00- 10.05	115619	14 120			
Astra MK IV 2.0 Turbo 16V	[Z20LET]	09.02- 08.05	111990	14 70	09.02-	113276	12 1.1	
Astra MK IV 2.0 DTi 16V	[X20DTH]	09.02- 08.05	115619	14 120				
		Chas. -12257452, -15257663, -18131574	09.02- 08.05	115619	14 120			
		[X20XER]	10.99- 05.05	111990	14 70	10.99- 05.05	111848	12 1.0
			10.99- 05.05	112416	14 100			
			10.99- 05.05	115619	14 120			
Astra MK V 1.3 CDTi	[Z13DTH]	03.00-	112416	14 100	03.00-	111848	12 1.0	
		08.99-	111514	14 100	08.99-	113674	12 2.0	
		08.99-	113879	14 100				
		[Y20DTH]	09.00-	112415	14 120	09.00-	113674	12 2.0
			08.89-	111514	14 100			
			08.99-	113879	14 100			
Astra MK V 1.4	[Z14XEL]	03.00-	113352	14 120	03.00-	114341	12 1.2	
		03.01-	113352	14 120	03.01-	114341	12 1.2	
					03.01-	112083	12 2.8	
Astra MK V 1.4 16V	[Z14XEP]	09.02- 05.05	112415	14 120	09.02- 05.05	113674	12 2.0	
Astra MK V 1.4 Turbo	[A14NEL]	08.05-	111824	14 70	08.05-	111123	12 0.9	
		08.05-	113720	14 75 A49	08.05-	113719	12 1.3	
		08.05-	113722	14 90 A49	08.05-	113843	12 1.1	
		08.05-	114451	14 105	08.05-	115869	12 1.3 A49	
		08.05-	115308	14 120	10.05-	114029	12 1.8	
		08.05-	115963	14 90				
		08.05-	116064	14 75				
Astra MK V 1.6	[A16XER]	04.05-	113722	14 90 A49				
		04.05-	114451	14 105				
		04.05- 11.10	115308	14 120				
		04.05- 11.10	115963	14 90				
Astra MK V 1.6 CC	[Z16XER]	04.04- 12.05	111824	14 70	04.04- 12.05	111123	12 0.9	
		02.05-	114451	14 105				
		[Z14XEP]	03.04-	111824	14 70	08.04-	111123	12 0.9
Astra MK V 1.6 16V	[Z16XER]	03.05-	114451	14 105				
		08.11-	114727*	14 130	08.11-	115646	12 1.1	
		08.11-	114728	14 100	08.11-	115719	12 1.1	
Astra MK V 1.6 Turbo	[A16XER]	10.06-	114431	14 120	10.06-	114298	12 1.1	
		10.06-	115306	14 120				
		[Z16XEP]	03.04-	114431	14 120	03.04-	113276	12 1.1
		[Z16XER]	10.06-	114431	14 120	10.06-	114298	12 1.1
			10.06-	115306	14 120			
Astra MK V 1.6 CC	[Z16XER]	10.06-	114431	14 120	10.06-	114298	12 1.1	
		10.06-	115306	14 120				
Astra MK V 1.6 16V	[Z16XER]	12.06- 11.10	114431	14 120	12.06-	114298	12 1.1	
		12.06- 11.10	114668	14 100				
		12.06- 11.10	115306	14 120				
Astra MK V 1.6 Turbo	[Z16LET]	09.06-	115843	14 120	09.06-	114298	12 1.1	
Astra MK V 1.7 CDTi 16V Sport Hatch	[A17DTR]	02.07- 11.10	115396*	14 140	02.07-	112320	12 1.4	
Astra MK V 1.7 CDTi	[A17DTF]	06.11-	114726	14 100	06.11-	112320	12 1.4	
		06.11-	115396*	14 140	06.11-	115830	12 2.0	
		[A17DTJ]	02.07-	114665	14 100	02.07-	112320	12 1.4
		[A17DTR]	02.07-	114512	14 140	02.07-	112320	12 1.4
			02.07-	114665	14 100			
		[A17DTS]	06.11-	114726	14 100	06.11-	112320	12 1.4
			06.11-	115396*	14 140	A25 06.11-	115830	12 2.0
		[Z17DTH]	03.04- 11.10	113956	14 100	03.04-	112320	12 1.4
			03.04- 03.07	114121	14 110			
		AC 08.04- 03.07	114121	14 110				
		[Z17DTJ]	02.07-	114512	14 140	02.07-	112320	12 1.4
			02.07-	114665	14 100			
		[Z17DTL]	03.04- 05.09	113956	14 100	03.04- 05.09	112320	12 1.4
			03.04- 05.09	114121	14 110			
		[Z17DTR]	02.07-	114512	14 140	02.07-	112320	12 1.4
			02.07-	114665	14 100			
Astra MK V 1.7 CDTi Sports Tourer	[A17DTF]	06.11-	114726	14 100	06.11-	112320	12 1.4	
		06.11-	115396*	14 140				
		[A17DTS]	06.11-	114726	14 100	06.11-	112320	12 1.4
			06.11-	115396*	14 140			
Astra MK V 1.8	[A18XER]	03.07-	114431	14 120	03.07-	114298	12 1.1	
		03.04-	111990	14 70	03.04-	113276	12 1.1	
		08.04- 11.10	115619	14 120				
		02.05- 11.10	112416	14 100				
		[Z18XER]	03.07-	114431	14 120	03.07-	114298	12 1.1
Astra MK V 1.8 CC	[A18XER]	04.06-	114431	14 120	04.06-	114298	12 1.1	
		04.06-	115306	14 120				

## STARTERS & ALTERNATORS

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	[Z18XER]	04.06-	114431	14 120		04.06-	114298	12 1.1
		04.06-	115306	14 120				
Astra MK V 1.9 CDTi 16V	[Z19DTJ]	04.04-	113904	14 130		04.04-	114058	12 1.7
		04.04-	113955	14 105				
		04.04-	114088	14 140				
		04.04-	114204	14 120				
		04.04-	114801	14 105 A46				
		04.04-	115487	14 140 A49				
Astra MK V 1.9 CDTi	[Z19DT]	02.05-	113904	14 130		02.05-	113931	12 1.7
		02.05-	113955	14 105				
		02.05-	114088	14 140				
		02.05-	114204	14 120				
		02.05- 11.10	114801	14 105 A46				
		02.05- 11.10	115487	14 140 A49				
	[Z19DTH]	06.04-	113904	14 130		08.04-	114058	12 1.7
		06.04-	113955	14 105		06.04-	113931	12 1.7
		06.04-	114088	14 140				
		06.04-	114204	14 120				
		06.04- 11.10	114801	14 105 A46				
		06.04- 11.10	115487	14 140 A49				
	[Z19DTL]	08.05-	113904	14 130		08.05-	113931	12 1.7
		08.05-	113955	14 105				
		08.05-	114088	14 140				
		08.05-	114204	14 120				
		08.05-	114801	14 105 A46				
		08.05-	115487	14 140 A49				
Astra MK V 2.0 VXRacing Edition	[Z20LEH]	02.09- 11.10	115846	14 120		02.09- 11.10	111848	12 1.0
Astra MK V 2.0 Turbo	[Z20LEH]	03.05-	115846	14 120		03.05-	111848	12 1.0
	[Z20LEL]	03.04- 11.10	115846	14 120		03.04-	111848	12 1.0
	[Z20LER]	03.04- 10.10	115846	14 120		03.04- 10.10	111848	12 1.0
Astra MK V 2.0 CDTi	[A20DTH]	08.11-	114202	14 100		08.11-	113931	12 1.7
		08.11-	114847*	14 140				
		08.11-	115526	14 100				
		08.11-	115583	14 120				
Astra MK V 2.0 CDTi Sports Tourer	[A20DTH]	08.11-	114202	14 100		08.11-	113931	12 1.7
		08.11-	114847*	14 140				
		08.11-	115526	14 100				
		08.11-	115583	14 120				
Astra MK VI 1.3 CDTi 16V	[A13DTE]	12.09-	115862	14 120		12.09-	114029	12 1.8
						12.09-	115570	12 1.4
Astra MK VI 1.4	[A14NEL]					10.11-	115395	12 1.1
						10.11-	115646	12 1.1
	[A14NET]					10.11-	115395	12 1.1
						10.11-	115646	12 1.1
Astra MK VI 1.4 16V VVT	[A14NET]	12.09-	114728	14 100		12.09-	115646	12 1.1
						12.09-	115719	12 1.1
	[A14XEL]	12.09-	114728	14 100		12.09-	115646	12 1.1
						12.09-	115719	12 1.1
	[A14XER]	12.09-	114728	14 100		12.09-	115646	12 1.1
						12.09-	115719	12 1.1
Astra MK VI 1.4 16V	[A14NET]	10.10-	114728	14 100		10.10-	115646	12 1.1
						10.10-	115719	12 1.1
	[A14XER]	10.10-	114727*	14 130		10.10-	115646	12 1.1
		10.10-	114728	14 100		10.10-	115719	12 1.1
						10.10-	115395	12 1.1
Astra MK VI 1.6	[A16LET]	10.11-	114067	14 140		10.11-	114298	12 1.1
		10.11-	114779	14 100				
Astra MK VI 1.6 16V Turbo	[A16LET]	12.09-	114779	14 100		12.09-	114298	12 1.1
Astra MK VI 1.6 16V VVT	[A16XER]	12.09-	114779	14 100		12.09-	114298	12 1.1
		12.09-	115410	14 100				
Astra MK VI 1.6 16V	[A16XER]	10.10-	114779	14 100		10.10-	114298	12 1.1
Astra MK VI 1.7 CDTi 16V	[A17DTC]	10.10-	114726	14 100				
	[A17DTE]	10.10-	114726	14 100				
	[A17DTJ]	10.10-	114726	14 100		10.10-	112320	12 1.4
		10.10-	115396*	14 140				
	[A17DTR]	10.10-	114726	14 100		10.10-	112320	12 1.4
		10.10-	115396*	14 140				
Astra MK VI 1.7 CDTi	[A17DTC]	12.09-	114726	14 100				
	[A17DTE]	12.09-	114726	14 100				
	[A17DTJ]	12.09-	114726	14 100		12.09-	112320	12 1.4
		12.09-	115396*	14 140				
	[A17DTR]	12.09-	114726	14 100		12.09-	112320	12 1.4
		12.09-	115396*	14 140				
	[A17DTS]	06.12-	115396*	14 140		06.12-	115830	12 2.0
Astra MK VI 1.7 CDTi GTC	[A17DTC]	10.11-	114726	14 100				
	[A17DTE]	10.11-	114726	14 100		10.11-	115830	12 2.0
		10.11-	115396*	14 140				
	[A17DF]	10.11-	114726	14 100		10.11-	115830	12 2.0
		10.11-	115396*	14 140				
	[A17DTJ]	10.11-	114726	14 100				
	[A17DTS]	10.11-	114726	14 100		10.11-	115830	12 2.0
		10.11-	115396*	14 140				
Astra MK VI 2.0 BiTurbo CDTi	[A20DTR]	12.12-	114202	14 100		12.12-	113931	12 1.7
		12.12-	114847*	14 140				
		12.12-	115526	14 100				
		12.12-	115583	14 120				
Astra MK VI 2.0 CDTi 16V	[A20DTH]	10.10-	114202	14 100		10.10-	113931	12 1.7
		10.10-	114847*	14 140		10.10-	114058	12 1.7
		10.10-	115526	14 100				
		10.10-	115583	14 120				
Astra MK VI 2.0 CDTi	[A20DTH]	12.09-	114202	14 100		12.09-	113931	12 1.7
		12.09-	114847*	14 140		12.09-	114058	12 1.7
		12.09-	115526	14 100				
		12.09-	115583	14 120				
Astramax 1.6	[C16NZ]	08.91- 10.94	111166	14 70		08.91- 10.94	111123	12 0.9
		08.91- 10.94	111170	14 65				

STARTERS & ALTERNATORS



Astravan 1.3 CDTi	[Z13DTH]	08.05-	113722	14 90	A49			
		08.05-	114451	14 105				
		08.05-	115308	14 120				
		08.05-	115963	14 90				
Astravan 1.9 CDTi	[Z19DTH]	03.05-	113904	14 130				
		03.05-	113955	14 105				
		03.05-	114088	14 140				
		03.05- 11.11	114801	14 105	A46			
		03.05- 11.11	115487	14 140	A49			
	[Z19DTJ]	03.05-	113904	14 130				
		03.05-	113955	14 105				
		03.05-	114088	14 140				
		03.05- 11.11	114801	14 105	A46			
		03.05- 11.11	115487	14 140	A49			
Astravan III 1.4 i	[C14NZ]	01.91- 10.94	111166	14 70		09.90- 02.98	111055	12 0.7
		01.91- 10.94	113376	14 55		09.91- 02.98	111127	12 1.4
		PS 01.91- 08.92	111170	14 65				
		PS 01.91- 10.94	112229	14 70				
Astravan III 1.6 i	[C16NZ]	01.91- 08.95	111166	14 70		09.91- 02.98	111055	12 0.7
		PS 01.91- 08.92	111170	14 65		09.91- 02.98	111127	12 1.4
		PS 09.95- 08.98	112229	14 70				
	[X16SZ]	02.94- 08.95	112775	14 70		07.94- 02.98	111055	12 0.7
		PS 02.94- 10.96	112229	14 70				
Astravan III 1.7 Diesel	[17DR]	01.91- 08.94	111515	14 70		01.91- 08.94	110839	12 1.7
		01.91- 08.94	112056	14 70				
Astravan III 1.7 TD	[X17DTL]	01.94- 08.98	111515	14 70		01.94- 08.98	110839	12 1.7
		01.94- 08.98	112056	14 70				
Astravan MK IV 1.6 i	[X16SZR]	08.98-	111990	14 70		08.98- 09.00	111123	12 0.9
		08.98-	112416	14 100				
		Chas. -12257452, -15257663, -18131574	08.98- 09.00	115619	14 120			
	[Z16SE]	09.00-	111990	14 70		09.00-	111123	12 0.9
		09.00-	112416	14 100				
Astravan MK IV 1.6 Dualfuel Dualfuel	[Z16XE]	09.00- 08.06	115619	14 120				
		07.00- 08.05	111990	14 70		07.00- 08.05	113276	12 1.1
		07.00- 08.05	112416	14 100				
Astravan MK IV 1.7 CDTi	[Z17DTL]	07.00- 08.05	115619	14 120				
		04.04-	112271	14 100		04.04-	112320	12 1.4
		04.04-	113956	14 100				
		AC 04.04-	114121	14 110				
Astravan MK IV 2.0 Diesel Di	[X20DTL]	08.98-	111514	14 100		08.98-	113674	12 2.0
Astravan MK IV 2.0 DTi	[Y20DTH]	04.04-	111514	14 100	Eng. 17883781-	04.04-	113674	12 2.0
Astravan Mk V 1.6	[Z16XEP]	03.05-	114431	14 120				
		03.05-	115306	14 120				
Astravan Mk V 1.7 CDTi 16V	[Z17DTH]	03.05-	113956	14 100		03.05-	112320	12 1.4
		03.05-	114121	14 110				
Astravan Mk V 1.7 CDTi	[A17DTJ]	11.11-	114512	14 140		11.11-	112320	12 1.4
		11.11-	114665	14 100				
	[A17DTR]	11.11-	114512	14 140		11.11-	112320	12 1.4
		11.11-	114665	14 100				
	[Z17DTJ]	11.11-	114512	14 140		11.11-	112320	12 1.4
		11.11-	114665	14 100				
	[Z17DTL]	03.05- 07.06	113956	14 100				
		AC 03.05- 07.06	114121	14 110				
[Z17DTR]	11.11-	114512	14 140		11.11-	112320	12 1.4	
		11.11-	114665	14 100				
Belmont 1.3	[13S]	09.85- 08.88	111656	14 45		09.85- 08.91	111055	12 0.7
		09.85- 12.88	113376	14 55				
		09.88- 08.91	111166	14 70				
		01.90- 12.91	113376	14 55		09.90- 12.91	111055	12 0.7
Belmont 1.4 i	[C14NZ]							
Belmont 1.5 DT	[15DT]				01.87- 08.89	111136	12 1.4	
Belmont 1.6	[16SH]	09.85- 08.91	111168	14 55		01.88- 09.93	111123	12 0.9
		09.85- 08.91	113376	14 55		01.88- 09.93	111127	12 1.4
Belmont 1.6 S	[16SH]					01.89- 12.91	111055	12 0.7
		09.85- 08.91	110972	14 65		09.85-	110839	12 1.7
Belmont 1.7 Diesel	[17D]				01.89- 01.91	110839	12 1.7	
Belmont 1.8 i	[18E]	09.85- 08.86	111168	14 55				
		09.86- 08.91	111168	14 55		01.88- 08.91	111122	12 1.0
Brava 2.5 Diesel	[4JA1]	08.91- 06.94	111267	14 50		08.91- 06.94	112083	12 2.8
Brava 2.5 Diesel 4x4	[4JA1T]	06.90- 12.96	111267	14 50		06.90- 12.96	112083	12 2.8
		06.90- 12.96	111767	14 80				
Brava 2.5 TD	[4JA1T]	07.94- 03.98	111267	14 50		07.94- 08.02	112083	12 2.8
		03.97- 08.02	111767	14 80				
Brava 2.5 TD 4x4	[4JA1T]	12.96- 03.98	111267	14 50		07.94- 08.02	112083	12 2.8
		03.97- 08.02	111767	14 80				
Calibra A 2.0 i 16V	[C20XE]				06.90- 12.94	110847	12 1.4	
Calibra A 2.0 i 16V 4x4	[C20XE]				06.90- 02.94	110847	12 1.4	
Calibra A 2.0 i Turbo 4x4	[C20LET]	03.92- 07.97	111514	14 100				
Calibra A 2.0 i	[C20NE]	03.90- 03.97	111169	14 70	Eng. -14608700	10.95- 03.97	111122	12 1.0 DR
Calibra A 2.0 i 4x4	[C20NE]	06.90- 03.97	111169	14 70		06.90- 12.94	110847	12 1.4
Calibra A 2.5 i V6	[C25XE]	02.93- 11.95	111514	14 100				
		[X25XE]	04.93- 07.97	111514	14 100			
Carlton 1.8	[18NV]	09.86- 12.89	111168	14 55	Chas. -K1000098	09.86- 12.89	111122	12 1.0 DR
		09.86- 12.89	111169	14 70				
	[E18NVR]	09.88- 08.95	111169	14 70				
Carlton 1.8 i	[18SEH]				01.86-	110847	12 1.4	
Carlton 1.8 S	[18S]	12.82- 08.86	110972	14 65				
		12.82- 08.86	111168	14 55				
	[18SV]	09.86- 10.94	111168	14 55	Chas. -K1000098	09.86- 10.94	111122	12 1.0 DR
		09.86- 08.95	111169	14 70				
Carlton 2.0	[C20NE]	09.86- 10.94	111168	14 55		09.86- 10.94	111122	12 1.0 DR
		09.86- 10.94	111169	14 70				
	[C20NEF]	06.89- 03.94	111168	14 55	Chas. -K1000098	06.89- 03.94	111122	12 1.0 DR
		06.89- 03.94	111169	14 70				
	[C20NEJ]	09.88- 03.94	111169	14 70	Chas. -K1000098	06.89- 03.94	111122	12 1.0 DR
		06.89- 03.94	111168	14 55				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**VAUXHALL** *Continued*

Carlton 2.0 i	[20E]	01.83- 12.84	111168	14	55					
	[20SE]					09.86- 10.94	110847	12	1.4	
						09.86- 03.94	111122	12	1.0 DR	
Carlton 2.0 i	[C20NEJ]	06.89- 03.94	111168	14	55	Chas. -K1000098	06.89- 03.94	111122	12 1.0 DR	
		06.89- 03.94	111169	14	70					
Carlton 2.2 i	[22E]	11.84- 08.86	113376	14	55					
Carlton 2.3 Diesel	[23D]	01.82- 08.86	113376	14	55					
	[23YD]	09.86- 03.94	111164	14	70	09.86- 03.94	110844	12	2.2	
		09.86- 03.94	113376	14	55					
Carlton 2.3 TD	[23YDT]	09.86- 08.88	111164	14	70	09.86- 08.88	110844	12	2.2	
Carlton 2.3 TD Intercooler	[23DTR]					09.88- 10.94	110844	12	2.2	
Carlton MK 1.8 S	[18S]	11.82- 08.86	110972	14	65					
		11.82- 08.86	111168	14	55					
Cascada 1.4	[A14NEL]					02.13-	115395	12	1.1	
						02.13-	115646	12	1.1	
	[A14NET]					02.13-	115395	12	1.1	
Cascada 2.0 CDTI	[A20DTH]					02.13-	113931	12	1.7	
	[A20DTR]					02.13-	113931	12	1.7	
Cavalier 1.3	[13N]	09.81- 08.88	111656	14	45	09.81- 08.88	111055	12	0.7	
		09.81- 08.88	113376	14	55					
		11.88- 08.95	111169	14	70					
Cavalier 1.3 S	[13S]	09.81- 08.88	111656	14	45	09.81- 08.88	111055	12	0.7	
		09.81- 08.88	113376	14	55					
Cavalier 1.4 S	[14NV]	09.88- 08.95	111166	14	70	09.88- 12.93	111055	12	0.7	
		09.88- 11.95	113376	14	55	09.88- 11.95	111123	12	0.9	
						09.88- 11.95	111684	12	1.4	
Cavalier 1.6	[16SH]	10.83- 08.88	111168	14	55					
	[16SV]	09.88- 08.95	111166	14	70	09.88- 05.93	111123	12	0.9	
		09.88- 05.93	113376	14	55	09.88- 11.95	111684	12	1.4	
		PS 09.88- 05.93	111170	14	65	09.88- 05.93	111127	12	1.4	
Cavalier 1.6 i	[C16LZ]	08.86- 08.88	111168	14	55					
	[C16NZ]	08.86- 08.88	111168	14	55					
	[E16NZ]	09.88- 11.95	111166	14	70	09.87- 12.91	111055	12	0.7	
		09.88- 11.95	112229	14	70	Eng. 082382-, 085881	09.87- 12.91	111127	12	1.4
		09.88- 11.95	113376	14	55					
		PS 09.88- 11.95	111170	14	65					
		PS 09.88- 11.95	112229	14	70					
		[X16SZ]	09.93- 11.95	113376	14	55	09.94- 11.95	111123	12	0.9
Cavalier 1.6 S		09.94- 11.95	111166	14	70					
		PS 09.94- 11.95	112229	14	70					
		Chas. -R7999999	09.94- 11.95	112775	14	70				
Cavalier 1.6 S	[16SH]	09.81- 08.88	111168	14	55					
Cavalier 1.6 Diesel	[16D]	03.82- 08.88	110972	14	65	03.82- 08.88	110839	12	1.7	
	[16DA]	03.82- 08.88	110972	14	65	03.82- 08.88	110839	12	1.7	
Cavalier 1.6 Diesel 1600	[16D]	03.82- 08.88	110972	14	65	03.82- 08.88	110839	12	1.7	
	[16DA]	03.82- 08.88	110972	14	65	03.82- 08.88	110839	12	1.7	
Cavalier 1.7 Diesel	[17D]	09.88- 09.92	112056	14	70	09.88- 09.92	110839	12	1.7	
		11.88- 08.95	111168	14	55					
	[17DR]	07.92- 11.95	112056	14	70	07.92- 11.95	110839	12	1.7	
Cavalier 1.7 TD	[17DT (TC4EE1)]	09.88- 11.95	111186	14	70	09.88- 11.95	111274	12	1.2	
Cavalier 1.8	[18SV]	09.88- 08.95	111169	14	70	09.88- 12.94	110847	12	1.4 BO	
						09.88- 12.94	111122	12	1.0 DR	
	[C18NZ]	09.88- 08.95	111169	14	70	09.88- 12.94	110847	12	1.4 BO	
						09.88- 12.94	111122	12	1.0 DR	
		[E18NV]	08.86- 08.88	111168	14	55				
Cavalier 1.8 i	[E18NVR]	09.89- 08.92	111169	14	70					
		09.89- 08.92	112056	14	70					
	[18E]	09.81- 08.88	111168	14	55					
Cavalier 1.8 i	[18SE]	09.81- 08.88	111168	14	55					
	[C18NZ]	03.90- 11.95	111169	14	70	03.90- 12.94	110847	12	1.4	
		03.90- 11.95	111514	14	100					
Cavalier 2.0	[20S]	11.88- 08.95	111169	14	70					
Cavalier 2.0 i 16V	[C20XE]	09.88- 11.95	112056	14	70	09.88- 11.95	110847	12	1.4	
						09.88- 11.95	111122	12	1.0	
	[X20XE]	09.93- 11.95	111426	14	100	09.93- 11.95	111848	12	1.0	
		09.93- 11.95	111732	14	120					
Cavalier 2.0 i 16V 4x4		PS 09.93- 11.95	112229	14	70					
	[C20XE]					09.88- 11.95	110847	12	1.4	
Cavalier 2.0 i						09.88- 11.95	111122	12	1.0	
	[20NE]	09.86- 08.88	112056	14	70	09.88- 10.92	110847	12	1.4	
		09.88- 08.95	111169	14	70					
		09.88- 10.90	111514	14	100					
	[20SEH]	03.87- 08.88	112056	14	70	03.87- 09.92	110847	12	1.4	
		09.88- 09.92	111169	14	70					
	[C20NE]	09.86- 08.88	112056	14	70	09.86- 12.94	110847	12	1.4	
Cavalier 2.0 i 2000		09.88- 11.95	111169	14	70					
		09.90- 11.95	111514	14	100					
	[20SE]	09.86- 08.88	112056	14	70	09.86- 08.88	110847	12	1.4	
Cavalier 2.0 i 4x4	[20NE]	09.88- 08.95	111426	14	100	Eng. -14608700	09.88- 08.95	111122	12 1.0 DR	
		09.88- 08.95	111732	14	120					
		PS 09.88- 08.95	112229	14	70					
		Chas. -MV206209, -M1175514, -M5247753	08.88- 08.95	111169	14	70				
	[20SEH]	09.88- 09.92	111169	14	70	09.88- 09.92	110847	12	1.4	
Cavalier 2.5 V6						09.88- 09.92	111122	12	1.0	
	[C25XE]	02.93- 11.95	111514	14	100					
Cavalier MK 2.0 i 16V 4x4	[C20XE]					01.92- 11.93	110847	12	1.4	
						01.92- 11.93	111122	12	1.0	
Cavalier MK 2.0 i Turbo 4x4	[C20LET]	09.92- 08.95	111426	14	100	Eng. -14005933	09.92- 08.95	111122	12 1.0 DR	
		09.92- 08.95	111732	14	120					
		PS 09.92- 08.95	112229	14	70					
Cavalier MK II 2.0		11.88- 08.95	111169	14	70					
Chevette 1.3	[13N]	01.75- 01.80	110178	14	36	03.75- 12.85	111102	12	0.8	
		03.75- 12.85	110077	14	50					
		03.75- 12.85	111185	14	43	A47				



	[13S]	03.75- 12.85	110077	14 50		03.75- 12.85	111102	12 0.8
		03.75- 01.80	110178	14 36				
		03.75- 12.85	111185	14 43	A47			
Combo 1.2	[C12NZ]	07.94-	111166	14 70		07.94- 08.97	111123	12 0.9
		07.94- 10.01	112689#	14 55		07.94- 10.01	111684	12 1.4
		07.94- 10.01	113376	14 55				
		ACPS 07.94-	112229	14 70				
	[X12S2]	07.84- 10.01	113376	14 55		07.94- 08.97	111123	12 0.9
		07.94-	111166	14 70		07.94- 10.01	111684	12 1.4
		07.94-	112689#	14 55				
		ACPS 07.94-	112229	14 70				
Combo 1.3 CDTi 16V	[Z13DT]	09.04-	113720	14 75	A49	09.04-	113843	12 1.1
		09.04-	113722	14 90	A49			
		09.04-	115963	14 90				
		09.04-	116064	14 75				
	[Z13DTJ]	10.05-	113722	14 90	A49	10.05-	114029	12 1.8
		10.05-	114451	14 105				
		10.05- 11.11	115963	14 90				
Combo 1.3 CDTi	[A13FD]	11.11-	115346	14 120				
Combo 1.4	[C14NZ]	07.94- 03.96	112689#	14 55		07.94- 08.97	111123	12 0.9
		07.94- 03.96	113376	14 55				
		AT 07.94- 03.96	111166	14 70				
		ACPS 07.94- 03.96	111426	14 100				
		ACPS 07.94- 03.96	112229	14 70				
	[C14SE]	07.94- 10.01	111426	14 100		07.94- 08.97	111123	12 0.9
		07.94-	112689#	14 55		07.94- 10.01	111684	12 1.4
		07.94- 10.01	113376	14 55				
		PS 07.94-	112229	14 70				
		AC 07.94-	111732	14 120				
		AC 07.94-	112229	14 70				
	[Z14XEP]					01.04-	111123	12 0.9
Combo 1.6	[Z16SE]	10.01-	111990	14 70		10.01-	111123	12 0.9
		10.01-	112416	14 100		10.01-	111684	12 1.4
Combo 1.6 16V CNG	[Z16YNG]	04.05-	112416	14 100		04.05-	113276	12 1.1
		04.05-	115619	14 120		04.05-	111123	12 0.9
Combo 1.7 CDTi 16V	[Z17DTH]	12.04-	113941	14 100				
		AC 12.04-	114121	14 110				
Combo 1.7 Diesel 16V	[Y17DTL]					09.01-	112320	12 1.4
Combo 1.7 Diesel	[17D (4EE1)]	07.94-	111186	14 70	Mot.nr. -00877695	07.94-	111136	12 1.4
		04.96-	111515	14 70	Mot.nr. 877696-	07.94-	111534	12 1.4
	[X17D (4EE1)]	04.96-	111186	14 70	Mot.nr. -00877695	04.96-	111136	12 1.4
		04.96-	111515	14 70	Mot.nr. 877696-	04.96-	111534	12 1.4
Combo 1.7 DTi	[Y17DT]	10.01-	112272	14 70		10.01-	112320	12 1.4
		AC 10.01-	112271	14 100				
Combo Mk II 1.4 16V	[Z14XE]	10.01- 05.07	111824	14 70		10.01- 05.07	113276	12 1.1
		10.01- 05.07	114451	14 105		10.01- 05.07	114298	12 1.1
		10.01- 05.07	115304*	14 120				
Combo Tour Mk II 1.3 CDTi 16V	[Z13DT,Y13DT]	09.04- 09.06	113720	14 75	A49	09.04- 09.06	113843	12 1.1
		09.04- 09.06	114451	14 105		09.04- 09.06	114029	12 1.8
		09.04- 09.06	115308	14 120				
		09.04- 09.06	116064	14 75				
	[Z13DTJ]	10.05- 09.10	113720	14 75	A49	10.05- 09.10	114029	12 1.8
		10.05- 09.10	114451	14 105				
		07.06- 02.12	113722	14 90	A49			
		07.06- 02.12	115308	14 120				
		07.06- 02.12	115963	14 90				
		07.06- 02.12	116064	14 75				
Combo Tour Mk II 1.4	[Z14XEP]	10.04- 09.10	111824	14 70		10.04- 09.10	111123	12 0.9
Combo Tour Mk II 1.6	[Z16SE]	10.01- 06.04	111990	14 70		10.01- 06.04	111123	12 0.9
		10.01- 06.04	112416	14 100				
Combo Tour Mk II 1.6 CNG	[Z16YNG]	04.05- 02.12	112416	14 100		04.05- 02.12	113276	12 1.1
		04.05- 02.12	115619	14 120				
Combo Tour Mk II 1.6 CNG	[Z16YNG]	06.06- 09.10	112416	14 100		06.06- 09.10	113276	12 1.1
		06.06- 09.10	115619	14 120				
Combo Tour Mk II 1.7 16V	[Y17DT]					10.01- 02.12	112320	12 1.4
Combo Tour Mk II 1.7 CDTi 16V	[Z17DTH]	12.04- 09.10	113941	14 100		12.04- 09.10	112320	12 1.4
		12.04- 09.10	114121	14 110				
Combo Tour Mk II 1.7 DI 16V	[Y17DTL]	09.01- 06.04	112272	14 70		09.01- 06.04	112320	12 1.4
Corsa Mk III 1.0	[Z10XEP]	07.06-	114249	14 70				
Corsa Mk III 1.2	[Z12XEP]	07.06-	114249	14 70				
Corsa Mk III 1.4	[Z14XEP]	07.06-	114249	14 70				
Corsa B 1.0 i 12V	[X10XE]	11.96-	111824	14 70		11.96- 09.00	111123	12 0.9
Corsa B 1.2 i 16V	[X12XE]	03.98- 09.00	111824	14 70		03.98- 09.00	111123	12 0.9
Corsa B 1.2 i	[C12NZ]	03.93-	111166	14 70		03.93- 08.97	111123	12 0.9
		03.93-	112689#	14 55		09.94- 08.00	111684	12 1.4
		03.93- 09.00	113376	14 55		09.94- 08.00	113276	12 1.1
		ACPS 03.93-	112229	14 70				
	[X12S2]	03.93-	111166	14 70		03.93- 08.97	111123	12 0.9
		03.93-	112689#	14 55		04.94- 08.00	113276	12 1.1
		03.93- 09.00	113376	14 55				
		ACPS 03.93-	112229	14 70				
Corsa B 1.4 i 16V	[X14XE]	09.94-	111426	14 100		09.94- 09.00	111123	12 0.9
		09.94-	112229	14 70				
Corsa B 1.4 i	[C14NZ]	03.93-	111426	14 100		03.93- 09.00	111123	12 0.9
		03.93-	112229	14 70		09.94- 08.00	111684	12 1.4
		03.93-	112689#	14 55				
		09.93- 09.00	113376	14 55				
		PS 03.93-	112229	14 70				
		AC 03.93-	111426	14 100				
	[C14SE]	03.93- 09.00	113376	14 55		03.93- 09.00	111123	12 0.9
		04.94- 08.00	111426	14 100				
	[X14S2]	03.93- 09.00	113376	14 55		03.93- 09.00	111123	12 0.9
						09.94- 08.00	111684	12 1.4
Corsa B 1.5 Diesel	[15D]	03.93-	111186	14 70	Mot.nr. -00877695	03.93-	111136	12 1.4
		03.93- 09.00	111515	14 70	Mot.nr. 877696-	03.93-	111534	12 1.4

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O.E.M. names and numbers are used for reference purposes only.



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Corsa B 1.5 TD	[15DT (T4EC1)]	03.93-	111186	14 70		03.93-	111136	12 1.4
		09.96-	111515	14 70		03.93-	111534	12 1.4
	[X15DT (T4EC1)]	04.96-	111186	14 70		04.96-	111136	12 1.4
		04.96-	111515	14 70		04.96-	111534	12 1.4
Corsa B 1.6 GSi 16V	[C16XE]	03.93-	111426	14 100		03.93-	111123	12 0.9
		03.93-	112229	14 70		09.94- 08.00	111684	12 1.4
Corsa B 1.6 i 16V	[X16XE]	09.94-	111426	14 100		09.94- 09.00	111123	12 0.9
		09.94-	112229	14 70				
Corsa B 1.7 Diesel	[17D]	03.93-	111186	14 70	Mot.nr. -00877695	03.93-	111136	12 1.4
		02.96-	111515	14 70	Mot.nr. 877696-	03.93-	111534	12 1.4
	[X17D]	04.96-	111186	14 70	Mot.nr. -00877695	04.96-	111136	12 1.4
		04.96-	111515	14 70	Mot.nr. 877696-	04.96-	111534	12 1.4
Corsa MK II 1.4 16V	[C14SEL]	08.97- 09.00	111426	14 100		08.97- 09.00	111123	12 0.9
		08.97- 09.00	112229	14 70				
Corsa MK II 1.6 16V	[C16SEL]	08.97- 09.00	111426	14 100		08.97- 09.00	111123	12 0.9
		08.97- 09.00	112229	14 70				
CORSA Mk III 1.0 12V	[A10XEP]	06.10-	114249	14 70				
	[Z10XE]	09.00- 02.01	111824	14 70	Chas. -19P00893	09.00- 08.03	111123	12 0.9
					Chas. 19P00894-	09.00- 08.03	113276	12 1.1
Corsa Mk III 1.2	[A12XEL]	06.10-	114249	14 70		06.10-	115395	12 1.1
		06.10-	114492	14 100		06.10-	115646	12 1.1
					06.10-	115719	12 1.1	
Corsa MK III 1.2 Twinport	[Z12XEP]					07.04-	111123	12 0.9
CORSA Mk III 1.2 16V	[A12XER]	06.10-	114249	14 70		06.10-	111123	12 0.9
		06.10-	114492	14 100		06.10-	115646	12 1.1
						06.10-	115719	12 1.1
	[Z12XE]	09.00- 02.01	111824	14 70		09.00-	111123	12 0.9
						09.00-	113276	12 1.1
		Chas. -16999999	09.00- 02.01	111824	14 70	09.00-	111684	12 1.4
Corsa Mk III 1.2 BiFuel LPG	[A12XER]	06.11-	114249	14 70		06.11-	115395	12 1.1
		06.11-	114492	14 100		06.11-	115646	12 1.1
						06.11-	115719	12 1.1
Corsa Mk III 1.2 BiFuel LPG	[Z12XEP]	09.09-	114249	14 70		09.09-	111123	12 0.9
		09.09-	114492	14 100				
Corsa MK III 1.2 Dualfuel 16V	[Z12XE]					08.01- 08.04	113276	12 1.1
		Chas. -16999999	08.01- 08.04	111824	14 70	08.01- 08.04	111123	12 0.9
Corsa Mk III 1.3 CDTi 16V	[A13DTE]	07.10-	113722	14 90 A49		07.10-	115570	12 1.4
		07.10-	114409	14 100				
		07.10-	114754	14 120				
		07.10-	114895	14 70				
		07.10-	115963	14 90				
	[A13DTR]	07.10-	113722	14 90 A49		07.10-	115570	12 1.4
		07.10-	114409	14 100				
		07.10-	114754	14 120				
		07.10-	114895	14 70				
		07.10-	115963	14 90				
	[Z13DT]	08.03-	113722	14 90 A49		08.03-	115869	12 1.3 A49
		08.03-	114451	14 105		04.04-	113719	12 1.3
		08.03-	115308	14 120		04.04-	113843	12 1.1
		08.03-	115963	14 90				
		08.03-	116064	14 75				
		04.04-	112416	14 100				
		04.04-	113720	14 75 A49				
	[Z13DTE]	07.10-	113722	14 90 A49		07.10-	115570	12 1.4
		07.10-	114409	14 100				
		07.10-	114754	14 120				
		07.10-	114895	14 70				
		07.10-	115963	14 90				
	[Z13DTJ]	09.05- 09.06	113720	14 75 A49		09.05- 09.06	113843	12 1.1
		09.05- 09.06	113722	14 90 A49		09.05- 09.06	114029	12 1.8
		09.05- 09.06	115308	14 120				
		09.05- 09.06	115963	14 90				
		09.05- 09.06	116064	14 75				
Corsa Mk III 1.3 CDTi	[Z13DTH]	07.06-	114409	14 100		07.06-	114029	12 1.8
		07.06-	114754	14 120				
		07.06-	114895	14 70				
	[Z13DTJ]	07.06-	114409	14 100		07.06-	113843	12 1.1
		07.06-	114754	14 120		07.06-	114029	12 1.8
		07.06-	114895	14 70				
Corsa Mk III 1.4	[A14NEL]	07.12-	114727*	14 130		07.12-	115395	12 1.1
						07.12-	115646	12 1.1
Corsa MK III 1.4 Twinport	[Z14XEP]	06.03-	111824	14 70				
Corsa Mk III 1.4 16V	[A14XER]	07.10-	114249	14 70		07.10-	115646	12 1.1
		07.10-	114492	14 100		07.10-	115719	12 1.1
	[Z14XE]	09.00- 08.03	111990	14 70		09.00-	111123	12 0.9
						09.00-	111684	12 1.4
						09.00-	113276	12 1.1
Corsa Mk III 1.4 BiFuel LPG	[Z14XEP]	07.06-	114249	14 70		07.06-	111123	12 0.9
		07.06-	114492	14 100				
Corsa MK III 1.6	[Z16LEL]	05.07-	115843	14 120		05.07-	114298	12 1.1
	[Z16SE]	08.01- 10.04	111990	14 70		08.01- 10.04	111123	12 0.9
		08.01- 10.04	112416	14 100				
		08.01- 10.04	115619	14 120				
Corsa MK III 1.6 Turbo	[Z16LER]	02.07-	115843	14 120		02.07-	114298	12 1.1
Corsa MK III 1.7 CDTi 16V	[A17DTS]	07.10-	114665	14 100		07.10-	112320	12 1.4
	[Z17DTH]	04.04-	112272	14 70		04.04-	112320	12 1.4
		04.04-	113941	14 100				
Corsa MK III 1.7 CDTi	[Z17DTR]	07.06-	114665	14 100				
Corsa MK III 1.7 DT 16V	[Y17DTL]	09.00-	112272	14 70		09.00-	112320	12 1.4
		AC 09.00-	112271	14 100				
Corsa MK III 1.7 DTi 16V	[Y17DT]	09.00-	112271	14 100		09.00- 08.03	112320	12 1.4
		09.00-	112272	14 70				
Corsa MK III 1.8 16V	[Z18XE]	09.00-	111990	14 70		09.01-	113276	12 1.1
Corsa MK IV 1.4	[A14XEL]					09.09-	115646	12 1.1
						09.09-	115719	12 1.1
	[B14XEJ]					09.14-	115395	12 1.1

## STARTERS & ALTERNATORS



Corsa MK IV 1.4 LPG	[A14XEL]					09.09-	115646	12 1.1
						09.09-	115719	12 1.1
Corsa MK IV 1.6 VXR	[A16LES]					06.11-	114298	12 1.1
Corsavan 1.4 i	[C14NZ]	01.94-	111426	14 100		01.94- 09.00	113276	12 1.1
		01.94-	112229	14 70				
		01.94-	112689#	14 55				
		01.94- 09.00	113376	14 55				
		PS 01.94-	112229	14 70				
		AC 01.94-	111426	14 100				
Corsavan 1.7 Diesel	[17D (4EE1)]	Eng. 00975025- 03.93-	111515	14 70		Mot.nr. 877696- 03.93-	111534	12 1.4
		Eng. -00975024 03.93-	111186	14 70		Mot.nr. -00877695 01.94-	111136	12 1.4
	[X17D (4EE1)]	Eng. 00975025- 04.96-	111515	14 70		Mot.nr. 877696- 04.96-	111534	12 1.4
		Eng. -00975024 04.96-	111186	14 70		Mot.nr. -00877695 01.94-	111136	12 1.4
Corsavan E 1.4	[B14XEJ]					10.14-	115395	12 1.1
Corsavan Mk III 1.2 16V	[A12XEL]	07.06-	114249	14 70		07.06-	113276	12 1.1
		07.06-	114492	14 100		07.06-	115646	12 1.1
						07.06-	115719	12 1.1
	[Z12XE]	09.00-	111824	14 70		09.00- 08.04	113276	12 1.1
Corsavan MK III 1.2 Dualfuel 16V	[Z12XE]					08.01-	111123	12 0.9
						08.01-	113276	12 1.1
Corsavan MK III 1.3 CDTi 16V	[Z13DT]	04.04-	112416	14 100		04.04-	113719	12 1.3
		04.04-	113722	14 90 A49		04.04-	113843	12 1.1
		04.04- 06.06	115963	14 90		04.04-	114029	12 1.8
						04.04- 06.06	115869	12 1.3 A49
	[Z13DTH]	07.06-	114409	14 100		07.06-	113843	12 1.1
		07.06-	114754	14 120		07.06-	114029	12 1.8
		07.06-	114895	14 70				
	[Z13DTJ]	07.06-	114409	14 100		07.06-	113843	12 1.1
		07.06-	114754	14 120		07.06-	114029	12 1.8
		07.06-	114895	14 70				
Corsavan MK III 1.7 Diesel	[Y17DTL]	09.00-	112272	14 70		09.00- 08.03	112320	12 1.4
		AC 09.00-	112271	14 100				
Corsavan MK III 1.7 DTi 16V	[Y17DT]	09.00-	112272	14 70		09.00- 08.03	112320	12 1.4
		AC 09.00-	112271	14 100				
Corsavan MK IV 1.2	[Z12XEP]	07.09-	114249	14 70		07.09-	111123	12 0.9
Corsavan MK IV 1.3 CDTi	[Z13DTE]	07.06-	114409	14 100		07.06-	114029	12 1.8
		07.06-	114754	14 120		07.06-	115570	12 1.4
		07.06-	114895	14 70				
Firenza 1.3 1300		01.71- 10.73	110178	14 36				
Frontera A 2.0 i 4x4 Sport	[C20NE]	01.92-	111169	14 70		03.92-	111122	12 1.0
		03.92- 10.98	111075	14 55		03.92-	110847	12 1.4
		02.95- 10.98	111426	14 100				
		02.95- 10.98	111732	14 120				
	[X20SE]	03.92- 10.98	111075	14 55		02.95-	110847	12 1.4
		02.95- 08.98	111426	14 100		02.95-	111122	12 1.0
		AC 02.95- 08.98	111732	14 120				
Frontera A 2.2 i 4x4 Long	[X22XE]	03.95-	111426	14 100		03.95-	111848	12 1.0
		03.95-	111732	14 120				
Frontera A 2.3 TD 4x4 Long	[Z3DTR]	01.92-	111164	14 70		03.92-	110844	12 2.2
Frontera A 2.5 TD 4x4 Long	[Z5TDS]					06.96- 08.98	111724	12 2.0
Frontera A 2.5 TD 4x4 Sport	[Z5TDS]					06.96- 08.98	111724	12 2.0
Frontera A 2.8 TD 4x4 Long	[Z8TDI (4JB1T)]	03.95-	111767	14 80		03.95-	111559	12 2.0
Frontera A 2.8 TD 4x4 Sport	[Z8TDI (4JB1T)]	03.95- 08.96	111767	14 80		03.95- 08.96	111559	12 2.0
Frontera B 2.2 i	[X22SE]	02.95-	111426	14 100		02.95-	111848	12 1.0
		02.95-	111732	14 120				
		10.98-	111514	14 100				
	[Y22SE]	10.98-	111514	14 100				
Frontera B 2.2 DTi	[X22DTH]					09.98-	113674	12 2.0
	[Y22DTH]					09.98-	113674	12 2.0
Insignia 1.4	[A14NET]	04.11-	114727*	14 130		04.11-	115395	12 1.1
						04.11-	115646	12 1.1
Insignia 1.4 LPG	[A14NET]	07.12-	114727*	14 130		07.12-	115395	12 1.1
						07.12-	115646	12 1.1
Insignia 1.4 Sports Tourer	[A14NET]	04.11-	114727*	14 130		04.11-	115395	12 1.1
						04.11-	115646	12 1.1
Insignia 1.4 Sportstourer	[A14NET]	07.12-	114727*	14 130		07.12-	115395	12 1.1
						07.12-	115646	12 1.1
Insignia 1.6	[A16LET]	07.08-	114779	14 100		07.08-	114298	12 1.1
	[A16XER]	07.08-	114067	14 140		07.08-	114298	12 1.1
		07.08-	114779	14 100				
Insignia 1.6 Sports Tourer	[A16XER]	07.08-	114067	14 140		07.08-	114298	12 1.1
		07.08-	114779	14 100				
Insignia 1.6 Turbo	[A16LET]	01.09-	114779	14 100		01.09-	114298	12 1.1
Insignia 1.8	[A18XER]	07.08-	114779	14 100		07.08-	114298	12 1.1
Insignia 1.8 Estate	[A18XER]	07.08-	114779	14 100		07.08-	114298	12 1.1
Insignia 2.0 Turbo	[A20NFT]	04.14-	116008*	14 100		04.14-	115575	12 1.4
	[A20NHT]	07.08-	116008*	14 100		07.08-	115575	12 1.4
Insignia 2.0 Turbo 4x4	[A20NFT]	09.11-	116008*	14 100		09.11-	115575	12 1.4
	[A20NHT]	07.08-	116008*	14 100		07.08-	115575	12 1.4
						07.08-	115773	12 1.3
						07.08-	115575	12 1.4
Insignia 2.0 Turbo Estate	[A20NHT]					07.08-	115575	12 1.4
Insignia 2.0 BiTurbo CDTi	[A20DTR]	03.12-	114202	14 100		03.12-	113931	12 1.7
		03.12-	114847*	14 140		03.12-	114058	12 1.7
		03.12-	115526	14 100				
		03.12-	115583	14 120				
Insignia 2.0 BiTurbo CDTi 4x4	[A20DTR]	03.12-	114202	14 100		03.12-	113931	12 1.7
		03.12-	114847*	14 140		03.12-	114058	12 1.7
		03.12-	115526	14 100				
		03.12-	115583	14 120				
Insignia 2.0 CDTi 16V 4x4	[A20DTH]	07.08-	114202	14 100		07.08-	113931	12 1.7
		07.08-	114847*	14 140		07.08-	114058	12 1.7
		07.08-	115526	14 100				
		07.08-	115583	14 120				

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Insignia 2.0 CDTi	[A20DTC]	07.08-	114202	14 100		07.08-	113931	12 1.7
		07.08-	114847*	14 140		07.08-	114058	12 1.7
		07.08-	115526	14 100				
		07.08-	115583	14 120				
	[A20DTE]	03.12-	115583	14 120		07.13-	115768	12 2.2
		07.13-	113931			03.12-	113931	12 1.7
		07.13-	114847*	14 140				
	[A20DTH]	07.08-	114202	14 100		07.08-	113931	12 1.7
		07.08-	114847*	14 140		07.08-	114058	12 1.7
		07.08-	115526	14 100				
		07.08-	115583	14 120				
	[A20DTJ]	07.08-	114202	14 100		07.08-	113931	12 1.7
		07.08-	114847*	14 140		07.08-	114058	12 1.7
		07.08-	115526	14 100				
		07.08-	115583	14 120				
	[A20DTR]	10.08-	114202	14 100		10.08-	113931	12 1.7
10.08-		114847*	14 140		10.08-	114058	12 1.7	
10.08-		115526	14 100					
10.08-		115583	14 120					
Insignia 2.0 CDTi 4x4	[A20DTH]	07.13-	114847*	14 140		07.13-	113931	12 1.7
	[A20DTR]	07.13-	115526	14 100				
Insignia 2.0 CDTi 4x4 Sports Tourer	[A20DTH]	05.09-	114202	14 100		05.09-	113931	12 1.7
		05.09-	114847*	14 140		05.09-	114058	12 1.7
		05.09-	115526	14 100				
		05.09-	115583	14 120				
Insignia 2.0 CDTi Estate	[A20DTH]	07.08-	114202	14 100		07.08-	113931	12 1.7
		07.08-	114847*	14 140		07.08-	114058	12 1.7
		07.08-	115526	14 100				
		07.08-	115583	14 120				
[A20DTJ]	07.08-	114202	14 100		07.08-	113931	12 1.7	
	07.08-	114847*	14 140		07.08-	114058	12 1.7	
	07.08-	115526	14 100					
	07.08-	115583	14 120					
Insignia 2.0 CDTi Sports Tourer	[A20DTC]	07.08-	114202	14 100	AT	07.08-	113931	12 1.7
		07.08-	114847*	14 140		07.08-	114058	12 1.7
		07.08-	115526	14 100				
		07.08-	115583	14 120				
[A20DTE]					07.13-	113931	12 1.7	
					07.13-	115768	12 2.2	
[A20DTH]	07.13-	114847*	14 140		07.13-	113931	12 1.7	
	07.13-	115526	14 100					
Insignia 2.8 Turbo V6 4x4	[A28NET]				07.08-	115597	12 1.4	
Insignia 2.8 Turbo V6 Estate 4x4	[A28NET]				07.08-	115597	12 1.4	
Insignia 2.8 Turbo V6 Sedan 4x4	[A28NET]				07.08-	115597	12 1.4	
Insignia 2.8 V6 24V	[A28NER]				07.09-	115597	12 1.4	
Insignia 2.8 V6 24V Sports Tourer	[A28NER]				07.09-	115597	12 1.4	
Insignia Sports Tourer 2.0 Turbo	[A20NFT]	04.14-	116008*	14 100		04.14-	115575	12 1.4
Magnum 1.8 1800		01.74- 10.77	110179	14 36		01.76- 10.77	111103	12 0.8
Meriva A 1.3 CDTi	[Z13DTJ]	09.03-	113720	14 75 A49		09.03-	112320	12 1.4
		09.03-	114451	14 105				
		09.03-	115308	14 120				
		09.03-	116064	14 75				
Meriva A 1.4 16V Twinport	[Z14XEP]	07.04-	114249	14 70	07.04-	111123	12 0.9	
Meriva A 1.6 i 16V	[Z16XE]	03.03-	111990	14 70		03.03-	111684	12 1.4
						03.03-	113276	12 1.1
Meriva A 1.6 i 16V Twinport	[Z16XEP]	01.06-	114431	14 120				
Meriva A 1.6 i	[Z16SE]	05.03-	112416	14 100		03.03-	111684	12 1.4
						03.03-	113276	12 1.1
Meriva A 1.6 Turbo	[Z16LET]	05.06-	114431	14 120		05.06-	114298	12 1.1
		05.06-	115843	14 120				
Meriva A 1.7 CDTi 16V	[Z17DTH]	04.04-	112271	14 100		04.04-	112320	12 1.4
		04.04-	113941	14 100				
Meriva A 1.7 CDTi	[Z17DTR]	08.06-	114665	14 100				
Meriva A 1.8 i 16V	[Z18XE]	03.03-	111990	14 70		05.03-	113276	12 1.1
Meriva Mk I 1.3 CDTi	[Z13DT,Y13DT]	04.05- 06.10	113720	14 75 A49		04.05- 06.10	113843	12 1.1
		04.05- 06.10	114451	14 105				
		04.05- 06.10	115308	14 120				
		04.05- 06.10	116064	14 75				
Meriva MK I 1.7 CDTi	[Y17DT]	06.03-	112271	14 100	06.03-	112320	12 1.4	
Meriva MK II 1.3 CDTi 16V	[A13DTC]	06.10-	114409	14 100		06.10-	114029	12 1.8
		06.10-	114754	14 120				
		06.10-	114895	14 70				
Meriva MK II 1.3 CDTi 16V Ecoflex	[A13DTE]	10.10-	114409	14 100		10.10-	114029	12 1.8
		10.10-	114754	14 120				
		10.10-	114895	14 70				
Meriva MK II 1.4 16V Turbo	[A14NEL]				06.10-	115646	12 1.1	
	[A14NET]				06.10-	115719	12 1.1	
Meriva MK II 1.4 16V	[A14XER]				06.10-	115646	12 1.1	
					06.10-	115719	12 1.1	
Meriva Mk II 1.4 BiFuel LPG	[A14NEL]	06.11-	114727*	14 130		06.11-	115395	12 1.1
						06.11-	115646	12 1.1
						06.11-	115719	12 1.1
Meriva MK II 1.7 CDTi 16V	[A17DT]	06.10-	114665	14 100	06.10-	112320	12 1.4	
Meriva MK II 1.7 CDTi 16V Ecotec	[A17DTS]	10.10-	114665	14 100		10.10-	112320	12 1.4
						A25 10.10-	115830	12 2.0
Meriva MK II 1.7 CDTi	[A17DTC]	06.10-	114665	14 100		06.10-	112320	12 1.4
		A25 06.10-	115396*	14 140		A25 06.10-	115830	12 2.0
Mokka 1.4	[A14NET]	04.13-	114727*	14 130		04.13-	113276	12 1.1
						04.13-	115395	12 1.1
						04.13-	115646	12 1.1
Mokka 1.4 4x4	[A14NET]	06.12-	114727*	14 130		06.12-	115395	12 1.1
						06.12-	115646	12 1.1
Mokka 1.6	[A16XER]	06.12-	115861	14 140				

## STARTERS & ALTERNATORS



Mokka 1.7 CDTi 4x4	[A17DTS]	06.12-	115396*	14 140	06.12-	115830	12 2.0
Monterey A 3.1 TD 4x4	[4JG2TC]	09.91-	111267	14 50	01.95-	111559	12 2.0
		09.91-	112228	14 60			
		03.92-	111767	14 80			
Monterey B 3.0 DTi	[4JX1]				04.98- 12.99	112083	12 2.8
Movano 1.9 DTi	[F9Q774]	10.01-	113248	14 120	10.01-	112474	12 1.8
		AC 10.01-	112471	14 125			
Movano 2.0 DTi	[G9T720]	09.00-	112471	14 125	09.00-	112475	12 2.1
		09.00-	113248	14 120			
Movano 2.2 DTi	[G9T720]	09.00-	112471	14 125	09.00-	112475	12 2.1
		09.00-	113248	14 120			
Movano 2.3 CDTi FWD	[M9T670]	05.10-	114826	14 185	05.10-	114074	12 2.2
		05.10-	115356	14 150			
	[M9T672]	05.10-	114826	14 185	05.10-	114074	12 2.2
		05.10-	115356	14 150			
	[M9T676]	05.10-	114826	14 185	05.10-	114074	12 2.2
		05.10-	115356	14 150			
	[M9T678]	05.10-	114826	14 185	05.10-	114074	12 2.2
		05.10-	115356	14 150			
	[M9T680]	05.10-	114826	14 185	05.10-	114074	12 2.2
		05.10-	115356	14 150			
	[M9T690]	05.10-	114826	14 185	05.10-	114074	12 2.2
		05.10-	115356	14 150			
	[M9T692]	05.10-	114826	14 185	05.10-	114074	12 2.2
		05.10-	115356	14 150			
[M9T694]	05.10-	114826	14 185	05.10-	114074	12 2.2	
	05.10-	115356	14 150				
[M9T698]	05.10-	114826	14 185	05.10-	114074	12 2.2	
	05.10-	115356	14 150				
Movano 2.3 CDTi RWD	[M9T672]	07.10-	114826	14 185	07.10-	114074	12 2.2
		07.10-	115356	14 150			
	[M9T690]	07.10-	114826	14 185	07.10-	114074	12 2.2
		07.10-	115356	14 150			
Movano 2.5 CDTi	[G9U632]	08.06-	113837	14 150	08.06-	112475	12 2.1
	[G9U650]	04.04-	113837	14 150	04.04-	112475	12 2.1
	[G9U754]	04.04-	113837	14 150	04.04-	112475	12 2.1
Movano 2.5 Diesel	[S8U]	10.98-	111937	14 75			
Movano 2.5 DTi	[G9U720]	10.01-	113245	14 125	10.01-	112475	12 2.1
		10.01-	113248	14 120			
		10.01-	113837	14 150			
	[G9U724]	10.01-	113248	14 120			
		10.01-	113837	14 150			
	[G9U750]	10.01-	113248	14 120			
		10.01-	113837	14 150			
	[G9U754]	10.01-	113248	14 120			
		10.01-	113837	14 150			
Movano 2.8 DTi	[S9W702]	06.98- 10.01	111937	14 75			
Movano 2.8 TDi	[S9W702]	10.98- 10.01	111937	14 75	10.98- 10.01	112103	12 2.2
Movano 3.0 DTi	[ZD3200]	10.03-	113993	14 135	10.03-	114032	12 2.5
		10.03-	115317	14 120			
	[ZD3202]	10.03-	113993	14 135	10.03-	114032	12 2.5
		10.03-	115317	14 120			
Movano MK II 2.3 CDTi 16V FWD	[M9T670]				05.10-	114074	12 2.2
	[M9T672]				05.10-	114074	12 2.2
	[M9T676]				05.10-	114074	12 2.2
	[M9T678]				05.10-	114074	12 2.2
	[M9T680]				05.10-	114074	12 2.2
Movano MK II 2.3 CDTi 16V RWD	[M9T686]				05.10-	114074	12 2.2
	[M9T690]				05.10-	114074	12 2.2
	[M9T692]				05.10-	114074	12 2.2
	[M9T694]				05.10-	114074	12 2.2
	[M9T696]				05.10-	114074	12 2.2
					05.10-	114074	12 2.2
Movano MK II 2.3 CDTi		01.13-	115356	14 150	01.13-	114074	12 2.2
		01.13-	114826	14 185			
Nova 1.4 S	[14NV]	01.90- 02.93	111166	14 70	01.90- 02.93	111123	12 0.9
		01.90- 02.93	113376	14 55			
Nova 1.5 TD	[15DT (T4EC1)]	01.90- 02.93	111187	14 70	01.90- 02.93	111274	12 1.2
Nova A 1.0	[10S]	09.82- 08.88	111656	14 45	09.82- 03.93	110364	12 0.65
		09.82- 08.88	113376	14 55			
		09.88- 03.93	111166	14 70			
Nova A 1.2	[12ST]	05.83- 02.90	111656	14 45	05.83- 02.90	111055	12 0.7
		05.83- 02.90	113376	14 55			
Nova A 1.2 i	[12NC]	05.83- 03.93	111166	14 70	05.83- 03.93	111055	12 0.7
		05.83- 08.88	111656	14 45			
		05.83- 08.88	113376	14 55			
	[C12NZ]	09.89- 03.93	111166	14 70	09.90- 03.93	111123	12 0.9
					09.90- 03.93	111127	12 1.4
	[E12GV]	01.85- 03.93	111166	14 70	05.83- 03.93	111055	12 0.7
		01.85- 08.88	111656	14 45			
		01.85- 08.88	113376	14 55			
Nova A 1.2 N	[12NC]	01.85- 10.87	111656	14 45	01.85- 10.87	111055	12 0.7
		01.85- 10.87	113376	14 55			
	[12NV]	01.90- 03.93	111166	14 70	01.90- 03.93	111123	12 0.9
		01.90- 03.93	113376	14 55			
	[E12GV]	05.83- 08.94	111166	14 70	05.83- 03.93	111055	12 0.7
		05.83- 08.94	111656	14 45			
		05.83- 08.94	113376	14 55			
Nova A 1.2 S	[12ST]	09.82- 02.90	111656	14 45	09.82- 02.90	111055	12 0.7
		09.82- 02.90	113376	14 55			
Nova A 1.3 i	[13NB]	09.85- 10.89	111656	14 45	09.85- 10.89	111055	12 0.7
		09.85- 10.89	113376	14 55			
	[C13N]	09.89- 03.93	111166	14 70	09.90- 03.93	111123	12 0.9
					09.90- 03.93	111127	12 1.4
Nova A 1.3 S	[13SB]	09.82- 10.89	111656	14 45	09.82- 10.89	111055	12 0.7
		09.82- 10.89	113376	14 55			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VAUXHALL Continued

Nova A 1.4 i	[C14NZ]	01.89- 03.93	113376	14 55	01.90- 03.93	111127	12 1.4	
		01.90- 03.93	111166	14 70	01.90- 03.93	111123	12 0.9	
Nova A 1.4 S	[14NV]	01.90- 03.93	111166	14 70	09.89-	111055	12 0.7	
					01.90- 03.93	111123	12 0.9	
					01.90- 03.93	111127	12 1.4	
					09.87- 03.93	111136	12 1.4	
Nova A 1.5 Diesel	[15D]	08.89- 03.93	111187	14 70	01.90- 03.93	111274	12 1.2	
Nova A 1.5 TD	[15DT (T4EC1)]	08.89- 03.93	111187	14 70				
Nova A 1.6 GSi	[C16SE]	02.92- 03.93	111166	14 70				
		02.92- 03.93	113376	14 55				
	[C16SEI]	09.89- 03.93	111166	14 70	09.89- 03.93	111123	12 0.9	
	[E16SE]	05.88- 08.88	113376	14 55	09.89- 03.93	111127	12 1.4	
		09.88- 03.92	111166	14 70	05.88- 03.92	111123	12 0.9	
					05.88- 03.92	111127	12 1.4	
Novavan 1.2	[12NV]	01.90- 10.94	111166	14 70	01.90- 10.94	111123	12 0.9	
					01.90- 10.94	111127	12 1.4	
Novavan 1.5 Diesel	[15D (4EC1)]	01.91- 10.94	111187	14 70	01.91- 10.94	111136	12 1.4	
Omega 2.0	[X20SE]	03.94- 09.99	111514	14 100				
		04.94- 12.00	112229	14 70				
		Chas. -Y1999999	04.94- 12.00	111426	14 100			
		Chas. -Y1999999	04.94- 12.00	111732	14 120			
Omega 2.0 16V	[X20XE]	09.93- 08.99	112229	14 70	09.93- 08.99	111848	12 1.0	
		03.94- 09.99	111514	14 100				
		Chas. -Y1999999	09.93- 08.99	111426	14 100			
		Chas. -Y1999999	09.93- 08.99	111732	14 120			
Omega 2.0 i	[20SE]	03.94- 12.00	111426	14 100				
		03.94- 12.00	111514	14 100				
		03.94- 12.00	111732	14 120				
		03.94- 12.00	112229	14 70				
	[X20SE]	03.94- 09.99	111514	14 100	04.94-	111848	12 1.0	
		03.94- 12.00	112229	14 70				
		Chas. -Y1999999	03.94- 12.00	111426	14 100			
		Chas. -Y1999999	03.94- 12.00	111732	14 120			
Omega 2.0 DTi 16V	[X20DTH]				10.98- 09.00	113674	12 2.0	
Omega 2.2 i 16V	[Y22XE]	09.99-	111426	14 100	Chas. W1000001-	09.99-	111848	12 1.0
		09.99-	111514	14 100				
		09.99-	111732	14 120				
		09.99-	112229	14 70				
	[Z22XE]	09.99-	111514	14 100	Chas. W1000001-	09.00-	111848	12 1.0
		09.99-	112229	14 70				
Omega 2.2 DTi 16V	[Y22DTH]	09.00-	112415	14 120	09.00- 09.03	113674	12 2.0	
		09.00- 07.03	114656	14 140				
Omega 2.5 V6	[X25XE]	04.94-	111514	14 100	03.94-	112459	12 1.4	
Omega 2.5 DTi 24V	[Y25DT]	09.01-	112468	14 150	09.01-	113446	12 2.2	
Omega 2.5 TD	[25DT]	04.94- 02.01	111788	14 105	04.96-	113446	12 2.2	
					04.94- 02.01	112533	12 2.2	
				04.94-	113446	12 2.2		
				04.94- 02.01	112533	12 2.2		
Omega 3.0 V6	[X30XE]	04.94- 02.01	111514	14 100	04.94- 02.01	112459	12 1.4	
Rascal 1.0	[F10A]				01.88-	111127	12 1.4	
Signum 1.8	[Z18XE]	06.03- 07.05	115619	14 120				
		Chas. 71052537-	08.05- 05.08	115306	14 120	08.05-	114298	12 1.1
	[Z18XER]	Chas. -71052536	08.05-	114431	14 120			
Signum 1.9 CDTi 16V	[Z19DTH]	04.04-	113904	14 130	04.04-	113931	12 1.7	
		04.04-	113955	14 105				
		04.04-	114088	14 140				
		04.04-	114204	14 120				
		04.04-	114801	14 105 A46				
		04.04-	115487	14 140 A49				
Signum 1.9 CDTi	[Z19DT]	04.04-	113904	14 130	04.04-	113931	12 1.7	
		04.04-	113955	14 105				
		04.04-	114088	14 140				
		04.04-	114204	14 120				
		04.04-	114801	14 105 A46				
		04.04-	115487	14 140 A49				
Signum 1.9 Turbo	[Z19DTL]	01.05- 05.08	113904	14 130	01.05- 05.08	113931	12 1.7	
		01.05- 05.08	113955	14 105				
		01.05- 05.08	114088	14 140				
		01.05- 05.08	114510	14 120				
		01.05- 05.08	114801	14 105 A46				
		01.05- 05.08	115487	14 140 A49				
Signum 2.0 i Turbo	[Z20NET]	05.03-	113352	14 120	05.03-	114341	12 1.2	
Signum 2.0 DTi	[Y20DTH]	05.03-	112415	14 120	05.03-	113674	12 2.0	
		05.03- 05.08	114656	14 140				
		05.03-	113352	14 120	05.03-	114341	12 1.2	
Signum 2.2 i	[Z22YH]	05.03-	113352	14 120	05.03-	114341	12 1.2	
Signum 2.2 DTi	[Y22DTR]	05.03-	112415	14 120	05.03-	113674	12 2.0	
		05.03- 05.08	114656	14 140				
Signum 2.8 Turbo V6	[Z28NEL]				08.05-	115597	12 1.4	
Signum 2.8 V6 Turbo	[Z28NET]				05.07- 10.08	115597	12 1.4	
Signum 3.0 CDTi V6	[Z30DT]				09.05-	114482	12 2.2	
Sintra 2.2 i 16V	[X22XE]				09.96- 09.99	111848	12 1.0	
Sintra 2.2 DTi	[X22DTH]				09.97- 09.99	113674	12 2.0	
Speedster 2.2 i	[Z22SE]	09.00-	113352	14 120	09.00-	114341	12 1.2	
Tigra 1.3 CDTi TwinTop	[Z13DT]	06.04-	113720	14 75 A49	06.04-	113719	12 1.3	
		06.04-	113722	14 90 A49	06.04-	113843	12 1.1	
		06.04-	114451	14 105	06.04- 08.09	115869	12 1.3 A49	
		06.04- 08.09	115308	14 120				
		06.04- 08.09	115963	14 90				
		06.04- 08.09	116064	14 75				
Tigra 1.4	[Z14XEP]				09.04-	111123	12 0.9	
Tigra 1.4 16V	[X14XE]	07.94-	112229	14 70	07.94-	111123	12 0.9	
					09.94- 08.99	111684	12 1.4	
Tigra 1.6 16V	[X16XE]	09.94- 08.99	111426	14 100	09.94- 08.99	111684	12 1.4	
		09.94- 08.99	112229	14 70				
Tigra 1.8	[Z18XE]	06.04-	112416	14 100	11.94-	111123	12 0.9	
		09.04- 08.09	115619	14 120	09.04-	113276	12 1.1	

## STARTERS & ALTERNATORS



Various models						01.75- 01.78	111102	12	0.8	
						01.89- 01.91	111123	12	0.9	
						01.89- 01.91	111127	12	1.4	
Vectra 1.6	[Z16XEP]		01.06-	114668	14	100				
		Chas. 71052537-	01.06-	115306	14	120				
		Chas. -71052536	01.06-	114431	14	120				
Vectra 1.6 GTS	[Z16XEP]		01.06-	114668	14	100				
		Chas. 71052537-	01.06-	115306	14	120				
		Chas. -71052536	01.06-	114431	14	120				
Vectra 1.6 16V	[Z16XE]		06.04-	115619	14	120				
Vectra 1.6 16V GTS	[Z16XE]		06.04-	115619	14	120				
Vectra 1.6 i 16V	[X16XEL]		10.95-	111426	14	100	10.95-	111123	12	0.9
			10.95-	111514	14	100				
			10.95-	111732	14	120				
		10.95-	112229	14	70					
	[Y16XE]		10.95-	111514	14	100	10.95-	111123	12	0.9
							09.95- 08.01	111684	12	1.4
	[Z16XE]		10.95-	111514	14	100	10.95-	111123	12	0.9
						09.95- 08.01	111684	12	1.4	
Vectra 1.6 i	[X16SZR]		10.95-	111426	14	100	10.95-	111123	12	0.9
			10.95-	111514	14	100	10.95-	111127	12	1.4
			10.95-	111732	14	120				
			10.95-	112229	14	70				
Vectra 1.7 TD	[X17DT (TC4EE1)]		10.95- 12.97	111515	14	70	10.95- 12.97	111690	12	1.1
Vectra 1.8	[Z18XEL]		04.02-	112416	14	100	04.02-	113276	12	1.1
			04.02-	115619	14	120				
	[Z18XER]		01.06-	114668	14	100	01.06-	114298	12	1.1
		Chas. 71052537-	01.06-	115306	14	120				
		Chas. -71052536	01.06-	114431	14	120				
Vectra 1.8 GTS	[Z18XER]	Chas. 71052537-	01.06-	115306	14	120	01.06-	114298	12	1.1
		Chas. -71052536	01.06-	114431	14	120				
Vectra 1.8 16V	[Z18XE]		10.03- 08.05	112416	14	100				
Vectra 1.8 Dualfuel 16V	[Z18XE]		04.02-	112416	14	100	04.02-	113276	12	1.1
			04.02-	115619	14	120				
Vectra 1.8 Dualfuel 16V GTS	[Z18XE]		04.02-	112416	14	100	04.02-	113276	12	1.1
			04.02-	115619	14	120				
Vectra 1.8 i 16V	[X18XE]		10.95-	111426	14	100	11.96- 09.00	111123	12	0.9
			10.95- 09.00	111514	14	100	10.95-	111848	12	1.0
			10.95-	111732	14	120	06.98-	112431	12	1.1
		10.95-	112229	14	70					
	[X18XE1]		10.95- 09.00	111514	14	100	09.98- 08.99	112431	12	1.1
	[Z18XE]		09.00-	111514	14	100	09.00- 08.01	112431	12	1.1
		09.00- 08.01	111732	14	120	04.02-	113276	12	1.1	
		09.00- 08.01	112229	14	70					
		04.02-	112416	14	100					
Vectra 1.8 i 16V GTS	[Z18XE]		08.02-	112416	14	100	08.02- 08.05	113276	12	1.1
Vectra 1.9 CDTi 16V	[Z19DTH]		04.04-	113904	14	130	04.04-	113931	12	1.7
			04.04-	113955	14	105				
			04.04-	114088	14	140				
			04.04-	114204	14	120				
			04.04-	114801	14	105 A46				
			04.04-	115487	14	140 A49				
Vectra 1.9 CDTi 16V GTS	[Z19DTH]		04.04-	113904	14	130	04.04-	113931	12	1.7
			04.04-	113955	14	105				
			04.04-	114088	14	140				
			04.04-	114204	14	120				
			04.04-	114801	14	105 A46				
			04.04-	115487	14	140 A49				
Vectra 1.9 CDTi	[Z19DT]		04.04-	113904	14	130	04.04-	113931	12	1.7
			04.04-	113955	14	105				
			04.04-	114088	14	140				
			04.04-	114204	14	120				
			04.04-	114801	14	105 A46				
			04.04-	115487	14	140 A49				
	[Z19DTL]		10.05-	113904	14	130	10.05-	113931	12	1.7
			10.05-	113955	14	105				
			10.05-	114801	14	105 A46				
Vectra 1.9 CDTi GTS	[Z19DT]		04.04-	113904	14	130	04.04-	113931	12	1.7
			04.04-	113955	14	105				
			04.04-	114088	14	140				
			04.04-	114204	14	120				
			04.04-	114801	14	105 A46				
			04.04-	115487	14	140 A49				
	[Z19DTL]		10.05-	113955	14	105	10.05-	113931	12	1.7
			10.05-	114088	14	140				
			10.05-	114801	14	105 A46				
			10.05-	115487	14	140 A49				
Vectra 2.0 i 16V	[X20XE]		10.95-	111426	14	100	10.95-	111848	12	1.0
			10.95- 09.00	111514	14	100				
			10.95-	111732	14	120				
			10.95-	112229	14	70				
Vectra 2.0 i	[Z20NEJ]		10.95- 03.02	111426	14	100				
			10.95- 03.02	111732	14	120				
			10.95- 03.02	112229	14	70				
Vectra 2.0 Turbo 16V	[Z20NET]		03.03-	113352	14	120				
Vectra 2.0 Turbo 16V GTS	[Z20NET]		03.03-	113352	14	120				
Vectra 2.0 Diesel 16V	[X20DTL]						11.96-	113674	12	2.0
Vectra 2.0 Diesel Di 16V	[X20DTH]						11.96-	113674	12	2.0
Vectra 2.0 DTi 16V	[X20DTH]		06.97-	111514	14	100	06.97-	113674	12	2.0
			04.02-	114656	14	140	06.97- 09.05	113674	12	2.0
			06.97-	111514	14	100				
		06.97-	112415	14	120					
Vectra 2.0 DTi	[Y20DTH]		04.02-	112415	14	120	04.02-	113674	12	2.0
			04.02- 10.08	114656	14	140				
Vectra 2.2 Direct	[Z22YH]		10.03-	113352	14	120	10.03-	114341	12	1.2
Vectra 2.2 Direct GTS	[Z22YH]		10.03-	113352	14	120	10.03-	114341	12	1.2

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O.E.M. names and numbers are used for reference purposes only.





**VAUXHALL** *Continued*

Vectra 2.2 i 16V	[Z22SE]	09.00- 08.01	113352	14 120	09.00-	114341	12 1.2
Vectra 2.2 i	[C22SEL]	10.99- 08.01	111732	14 120			
Vectra 2.2 DTi 16V	[Y22DTR]	09.00- 08.01	112415	14 120	09.00- 08.01	113674	12 2.0
		10.03-	114656	14 140			
Vectra 2.2 DTi 16V GTS	[Y22DTR]	04.02-	112415	14 120	04.02-	113674	12 2.0
		04.02-	114656	14 140			
Vectra 2.2 DTi	[Y22DTR]	04.02-	112415	14 120	04.02-	113674	12 2.0
		04.02- 10.08	114656	14 140			
Vectra 2.5 i V6	[X25XE]	05.95- 08.01	112806	14 120	05.98- 09.99	112103	12 2.2
		10.95-	111514	14 100			
Vectra 2.8 V6 Turbo	[Z28NEL]				08.05-	115597	12 1.4
	[Z28NET]				08.06-	115597	12 1.4
Vectra 2.8 V6 Turbo GTS	[Z28NEL]				08.05-	115597	12 1.4
	[Z28NET]				08.05-	115597	12 1.4
Vectra 3.0 CDTi V6 GTS	[Y30DT]				06.03-	114482	12 2.2
Vectra B 1.8 Dualfuel	[Z18XE]	09.00- 07.03	111426	14 100	09.00- 07.03	112431	12 1.1
		09.00- 07.03	111732	14 120			
		09.00- 07.03	112229	14 70			
Vectra MK II 1.8	[Z18XEL]	04.02- 07.08	112416	14 100	04.02- 07.08	113276	12 1.1
		04.02- 07.08	115619	14 120			
Vectra Mk II 2.8 V6 Turbo	[Z28NET]				08.06- 07.08	115597	12 1.4
Ventora 3.3 3300		03.69- 10.76	110179	14 36			
Victor 1.6 1600		01.70- 09.72	110179	14 36	01.70- 09.72	111103	12 0.8
Victor 1.8 1800		01.70- 10.76	110179	14 36	01.70- 10.76	111103	12 0.8
Victor 2.0 2000		01.70- 09.72	110179	14 36	01.70- 09.72	111103	12 0.8
Victor 2.3 2300		10.72- 10.76	110179	14 36	10.72- 10.76	111103	12 0.8
Viva 1.1 1100	[11N]				01.63- 10.70	111102	12 0.8
					01.66- 09.71	111102	12 0.8
Viva 1.3	[E]	10.71- 10.75	110178	14 36	10.71- 10.75	111102	12 0.8
		10.71- 10.75	110178	14 36	10.71- 10.75	111102	12 0.8
Viva 1.3 1300		10.75- 10.79	110178	14 36	10.75- 10.79	111102	12 0.8
Viva 1.6 1600		01.68- 01.78	110179	14 36	01.68- 10.72	111103	12 0.8
		01.68- 01.78	111184	14 43			
Viva 1.8 1800		01.73- 10.79	110179	14 36	01.73- 10.79	111103	12 0.8
		01.73- 10.79	111184	14 43			
Vivaro 1.6 CDTi	[R9M408]				05.14-	115829	12 1.8
	[R9M450]				05.14-	115829	12 1.8
Vivaro 1.9 Di	[F9Q762]	08.01-	113245	14 125	08.01-	112474	12 1.8
Vivaro 1.9 Diesel Di	[F9Q762]	08.01-	113248	14 120	08.01-	112474	12 1.8
		AC 08.01-	112471	14 125			
Vivaro 1.9 DTi	[F9Q760]	08.01-	112471	14 125	08.01-	112474	12 1.8
		08.01-	113248	14 120			
		AC 08.01-	112471	14 125			
Vivaro 2.0 16V	[F4R720]	08.01-	113248	14 120	08.01- 12.06	114814	12 0.9
		08.01-	114122	14 150			
		04.03-	113245	14 125			
		AC 08.01-	112471	14 125			
		A22 08.01-	113245	14 125			
Vivaro 2.0 CDTi	[M9R630]	01.06- 07.14	114509	14 150	01.06- 07.14	114074	12 2.2
	[M9R780]	01.06- 07.14	114509	14 150	01.06- 07.14	114074	12 2.2
	[M9R782]	01.06- 07.14	114509	14 150	01.06- 07.14	114074	12 2.2
	[M9R784]	08.06- 07.14	114509	14 150	08.06- 07.14	114074	12 2.2
	[M9R786]	01.06- 07.14	114509	14 150	01.06- 07.14	114074	12 2.2
	[M9R788]	08.06- 07.14	114509	14 150	08.06- 07.14	114074	12 2.2
Vivaro 2.5 CDTi 16V	[G9U630]	01.06-	113837	14 150	01.06-	112475	12 2.1
		01.06-	114700	14 150			
Vivaro 2.5 DTi	[G9U630]	04.04-	112471	14 125	04.04-	112475	12 2.1
		04.04-	113245	14 125			
		AC 04.04-	113245	14 125			
VX 1.8 1800					01.76- 10.78	111103	12 0.8
VX 2.0 i Turbo 220	[Z20LET]	04.03-	113352	14 120	04.03-	111848	12 1.0
Zafira 1.6 16V	[X16XEL]	04.99-	111990	14 70	09.98- 08.99	111123	12 0.9
		04.99-	112416	14 100			
		Chas. -12257452, -15257663, -18131574	04.99-	115619	14 120		
Zafira 1.8 16V	[X18XE1]	04.99-	111990	14 70	03.99- 09.00	112431	12 1.1
		04.99-	112416	14 100			
		Chas. -12257452, -15257663, -18131574	04.99- 09.00	115619	14 120		
	[Z18XE]	09.00-	111990	14 70	09.00-	113276	12 1.1
		09.00-	112416	14 100			
		09.00- 06.05	115619	14 120			
Zafira 2.0	[Z20LER]	06.02- 06.05	115846	14 120	06.02- 06.05	111848	12 1.0
Zafira 2.0 Turbo 16V	[Z20LET]	09.01- 06.05	112416	14 100	09.01-	111848	12 1.0
		Chas. 32240132-	09.01-	115619	14 120		
Zafira 2.0 Diesel Di 16V	[X20DTL]	10.99-	111514	14 100	10.99-	113674	12 2.0
Zafira 2.0 DTi 16V	[Y20DTH]	04.99-	111514	14 100	04.99-	113674	12 2.0
Zafira 2.2 16V	[Z22SE]	09.00-	113352	14 120	09.00-	114341	12 1.2
Zafira 2.2 Diesel	[Y22DTR]	06.01- 06.05	112415	14 120			
		06.01- 06.05	114656	14 140			
		A19 06.01- 06.05	114658	14 140			
Zafira MK I 1.8 Dualfuel Dualfuel	[Z18XE]	09.00- 08.05	111990	14 70	09.00- 08.05	112431	12 1.1
		09.00- 08.05	112416	14 100			
		09.00- 08.05	115619	14 120			
Zafira MK II 1.6	[Z16XEP]	07.05-	114431	14 120	07.05-	113276	12 1.1
	[Z16XER]	12.07-	114668	14 100			
		Chas. 72095157-	12.07-	115306	14 120		
		Chas. -72095156	12.07-	114431	14 120		
Zafira MK II 1.6 CNG	[Z16YNG]	07.05-	111990	14 70	07.05-	111123	12 0.9
		07.05-	112416	14 100			
		07.05-	115619	14 120			
Zafira MK II 1.6 Turbo CNG	[A16XNT]	02.09-	115843	14 120	02.09-	114298	12 1.1
	[Z16XNT]	02.09-	115843	14 120	02.09-	114298	12 1.1
Zafira MK II 1.7 CDTi	[A17DTR]	01.08-	114665	14 100	01.08-	112320	12 1.4
Zafira MK II 1.7 TD	[A17DTJ]	04.09-	114665	14 100			
Zafira MK II 1.8	[A18XEL]	04.13-	115306	14 120	04.13-	114298	12 1.1
	[Z18XEP]	07.05-	114431	14 120	07.05-	114298	12 1.1

## STARTERS & ALTERNATORS



	[Z18XER]	07.05-	114431	14 120		07.05-	114298	12 1.1
Zafira Mk II 1.9 CDTi	[Z19DT]	07.05-	113904	14 130		07.05-	113931	12 1.7
		07.05-	113955	14 105				
		07.05-	114088	14 140				
		07.05-	114204	14 120				
		07.05-	114801	14 105 A46				
		07.05-	115487	14 140 A49				
	[Z19DTH]	07.05-	113904	14 130		AT 07.05-	113931	12 1.7
		07.05-	113955	14 105		07.05-	114058	12 1.7
		07.05-	114088	14 140				
		07.05-	114204	14 120				
		07.05-	114801	14 105 A46				
		07.05-	115487	14 140 A49				
	[Z19DTL]	07.05-	113904	14 130		07.05-	113931	12 1.7
		07.05-	113955	14 105				
		07.05-	114088	14 140				
		07.05-	114510	14 120				
		07.05-	114801	14 105 A46				
		07.05-	115487	14 140 A49				
Zafira Mk II 2.0	[Z20LEH]	01.06-	115846	14 120		01.06-	111848	12 1.0
	[Z20LER]	07.05-	115846	14 120		07.05-	111848	12 1.0
Zafira Mk II 2.2	[Z22YH]	07.05-	114076	14 120		07.05-	114341	12 1.2
Zafira MK III 1.4	[A14NEL]					10.11-	115395	12 1.1
						10.11-	115646	12 1.1
	[A14NET]					10.11-	115395	12 1.1
						10.11-	115646	12 1.1
Zafira MK III 1.4 LPG	[A14NET]					10.11-	115395	12 1.1
						10.11-	115646	12 1.1
Zafira MK III 1.6 CNG	[A16XNT]	10.11-	115410	14 100		10.11-	114298	12 1.1
Zafira MK III 1.8	[A18XEL]	10.11-	115410	14 100		10.11-	114298	12 1.1
	[A18XER]					10.11-	114298	12 1.1
Zafira Mk III 2.0 BiTurbo CDTi	[A20DTR]	01.13-	114847*	14 140		01.13-	113931	12 1.7
		01.13-	115526	14 100				
		01.13-	115583	14 120				
Zafira MK III 2.0 CDTi	[A20DT]	10.11-	114202	14 100		10.11-	113931	12 1.7
		10.11-	114847*	14 140		10.11-	114058	12 1.7
		10.11-	115583	14 120				
	[A20DTH]	10.11-	114202	14 100		10.11-	113931	12 1.7
		10.11-	114847*	14 140		10.11-	114058	12 1.7
		10.11-	115526	14 100				
		10.11-	115583	14 120				
	[A20DTJ]	10.11-	114202	14 100		10.11-	113931	12 1.7
		10.11-	114847*	14 140		10.11-	114058	12 1.7
		10.11-	115583	14 120				
	[A20DTL]	10.11-	114202	14 100		10.11-	113931	12 1.7
		10.11-	114847*	14 140		10.11-	114058	12 1.7
		10.11-	115526	14 100				
		10.11-	115583	14 120				
	[Z20DTJ]	10.11-	114202	14 100		10.11-	113931	12 1.7
		10.11-	114847*	14 140		10.11-	114058	12 1.7
		10.11-	115526	14 100				
		10.11-	115583	14 120				
Zafira Mki 1.6 Dualfuel	[X16XEL,Z16XE]	11.98- 08.05	111990	14 70		11.98- 08.05	111123	12 0.9
		11.98- 08.05	112416	14 100				
		11.98- 08.05	115619	14 120				
<b>Vermeer</b>								
<b>INDUSTRY</b>								
Various models							115968	12 2.0
<b>Vetus</b>								
<b>MARINE</b>								
M2.06	[Mitsubishi]						112178	12 1.6
							112185	12 1.2
M2.C5	[Mitsubishi]		114079	14 40			112178	12 1.6
							112185	12 1.2
M2.D5	[Mitsubishi]		114079	14 40			112178	12 1.6
							112185	12 1.2
M3.09	[Mitsubishi]		114079	14 40			112178	12 1.6
							112185	12 1.2
M4.15			112492	14 50				
M4.17			112492	14 50				
<b>VM (Stabilimenti Mec)</b>								
<b>MOTORS</b>								
D702							115537	24 2.8
D703							115537	24 2.8
Stationnaires 2.1 235	[HR494..]					04.85-	112173	12 2.7
Stationnaires 2.8 279	[HR494..]					01.86-	112173	12 2.7
Stationnaires 2.8 282	[HR494..]					09.89-	112173	12 2.7
Stationnaires 3.5	[HR594..]					01.84- 12.90	112173	12 2.7
Various models			115724	14 45			115535	12 3.0
			114383	14 105			114313	24 2.5
			114466	14 55			114265	12 2.7
							114402	12 2.3
							115537	24 2.8
<b>Volvo</b>								
<b>PASSENGER CARS EU</b>								
66 1.1	[B11]	08.75- 08.78	110899	14 33				
66 1.3	[B130]	08.75- 08.78	110899	14 33				
164 3.0	[B30E]					09.67- 07.74	111054	12 1.1
164 3.0 E	[B30A]					08.68- 07.73	111054	12 1.1
240 2.0	[B19A]	08.76- 07.84	111085	14 55		08.76- 07.84	111054	12 1.1
	[B19ET]	10.82- 08.84	111085	14 55		10.82- 08.84	111489	12 1.4
	[B200K]	08.84- 07.85	111085	14 55		08.84- 07.85	111054	12 1.1
	[B20A]					08.74- 07.76	111054	12 1.1
240 2.1	[B21A]	08.74- 07.84	111085	14 55		08.74- 07.84	111054	12 1.1
	[B21E]	08.74- 07.80	111085	14 55		08.74- 07.80	111054	12 1.1
	[B21F]	08.81- 07.84	111085	14 55		08.80- 07.83	111054	12 1.1

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



**VOLVO** *Continued*

240 2.1 Turbo	[B21ET]	08.81- 07.85	111085	14 55	08.80- 07.83	111054	12 1.1
240 2.3	[B230A]	08.84- 07.86	111085	14 55	08.84- 07.86	111489	12 1.4
	[B230E]				08.83- 07.84	111054	12 1.1
	[B230F]	08.86- 07.93	112746	14 80	08.86- 07.93	111489	12 1.4
		08.91- 07.93	112810	14 65			
	[B230K]	08.86- 07.90	112746	14 80	08.84- 07.90	111489	12 1.4
		AC 08.86- 07.90	112746	14 80			
	[B23A]	08.81- 07.84	111085	14 55	08.80- 07.84	111054	12 1.1
	[B23E]	08.81- 07.84	111085	14 55	08.78- 07.83	111054	12 1.1
		07.86- 12.88	112746	14 80	03.87- 12.89	111489	12 1.4
		AC 08.86- 12.89	112746	14 80			
240 2.4 Diesel	[D24]	08.81- 08.93	110881	14 55	06.84- 08.93	111120	12 2.2
					08.78- 05.84	111112	12 2.0
260 2.7	[B27F]				08.81- 07.82	111054	12 1.1
340 1.4	[B14.4S]				02.76- 09.78	110367	12 1.0
340 1.6 Diesel	[D16]				08.84- 07.91	112295	12 1.7
340 1.7	[B172K]	08.85- 07.91	112744	14 60	08.85- 07.91	110585	12 1.2
340 2.0	[B19A]	08.80- 07.84	111085	14 55	08.80- 07.84	111054	12 1.1
	[B200K]	08.84- 07.88	111085	14 55	08.84- 07.88	110160	12 1.2
		08.84- 07.88	112746	14 80	08.84- 07.88	111054	12 1.1
343 1.4	[B14.4S]				01.76- 01.78	110367	12 1.0
360 2.0	[B19A]	08.82- 07.84	111085	14 55	08.82- 07.84	110160	12 1.2
					08.82- 07.84	111054	12 1.1
	[B19E]	08.82- 07.84	111085	14 55	08.82- 07.84	111054	12 1.1
					08.82- 07.84	110160	12 1.2
	[B200E]	08.86- 07.89	112746	14 80	08.84- 07.89	111489	12 1.4
	[B200EA]	08.86- 07.88	112746	14 80	08.86- 07.88	111489	12 1.4
	[B200F]	08.86- 07.90	112746	14 80	08.87- 07.90	111489	12 1.4
					08.88- 07.89	110160	12 1.2
	[B200K]	08.84- 07.90	111085	14 55	08.84- 07.90	111489	12 1.4
		08.86- 07.90	112746	14 80			
440 1.6	[B16F]	09.88-	111321	14 70	09.88-	110585	12 1.2
440 1.7	[B18EP]	09.88- 08.94	111321	14 70	09.88- 08.94	110585	12 1.2
	[B18F]	08.88- 08.91	111321	14 70	08.88- 08.91	110585	12 1.2
	[B18FP]	08.89- 07.92	111321	14 70	08.89- 07.92	110585	12 1.2
	[B18KP]	09.88- 08.93	111321	14 70	09.88- 08.93	110585	12 1.2
440 1.7 Turbo	[B18FT]	08.88- 07.96	111321	14 70	08.88- 07.96	110585	12 1.2
					01.91- 12.96	111251	12 1.1
440 1.8	[B18U]	08.91- 07.96	111321	14 70	08.91- 07.97	111251	12 1.1
					09.95- 12.96	110585	12 1.2
440 1.9 TD	[D19T]	AC 07.94- 12.96	111321	14 70	07.94-	112295	12 1.7
440 2.0	[B20F]	08.92- 07.96	111321	14 70	08.92- 07.96	111251	12 1.1
460 1.6	[B16F]	07.92-	111321	14 70	07.92- 07.96	110585	12 1.2
					09.93- 07.97	111251	12 1.1
460 1.7	[B18EP]	08.89- 07.92	111321	14 70	08.89- 07.92	110585	12 1.2
					08.89- 07.92	111251	12 1.1
	[B18KD]				09.89- 08.91	111251	12 1.1
460 1.7 Turbo	[B18FT]	06.88- 07.96	111321	14 70	08.89- 07.96	110585	12 1.2
					08.89- 07.96	111251	12 1.1
460 1.8	[B18U]	03.90- 07.96	111321	14 70	08.91- 07.96	110585	12 1.2
					08.91- 07.96	111251	12 1.1
460 1.9 TD	[D19T]				07.94-	112295	12 1.7
460 2.0	[B20F]	08.92- 12.96	111321	14 70	08.92- 07.96	111251	12 1.1
480 1.7	[B18E]	04.86- 07.89	111321	14 70	04.86- 07.89	110585	12 1.2
					08.85- 07.89	111489	12 1.4
	[B18EP]	08.89- 07.90	111321	14 70	08.89- 07.90	110585	12 1.2
	[B18F]	08.87- 07.89	111321	14 70	08.87- 07.89	110585	12 1.2
480 1.7 Turbo	[B18FT]	08.87- 07.96	111321	14 70	08.87- 07.96	110585	12 1.2
					08.87- 07.96	111251	12 1.1
480 2.0	[B20F]	08.92- 09.95	111321	14 70	08.92- 09.95	110585	12 1.2
					08.92- 09.95	111251	12 1.1
740 2.0	[B19ET]				12.83- 07.84	111489	12 1.4
	[B200E]				08.85- 07.91	111489	12 1.4
	[B200ET]	08.86- 08.90	112746	14 80	01.85- 07.89	111489	12 1.4
	[B200F]	08.89- 07.91	112746	14 80	08.89- 07.91	111489	12 1.4
	[B200K]	08.86- 07.89	112746	14 80	08.85- 07.89	111489	12 1.4
740 2.3	[B230A]				08.85- 07.87	111489	12 1.4
	[B230E]	08.86- 07.88	112746	14 80	08.84- 07.88	110160	12 1.2
					08.85- 07.88	111489	12 1.4
	[B230F]	06.86- 07.90	112746	14 80	08.87- 07.92	110160	12 1.2
		AC 09.85- 07.91	112746	14 80	08.85- 07.92	111489	12 1.4
	[B230FB]				08.88- 07.90	111054	12 1.1
	[B230K]	06.86- 07.90	112746	14 80	09.85- 07.90	111489	12 1.4
	[B234F]				08.87- 07.89	110160	12 1.2
					08.87- 08.92	111489	12 1.4
	[B23A]	08.86- 07.90	112746	14 80	08.85- 07.90	111489	12 1.4
	[B23E]				08.83- 07.84	111054	12 1.1
740 2.3 16V	[B234F]				08.88- 07.91	110160	12 1.2
					08.88- 07.91	111489	12 1.4
740 2.3 i	[B234F]				07.89- 08.92	111489	12 1.4
740 2.3 Turbo	[B230ET]				08.85- 07.89	111489	12 1.4
	[B230FT]				08.86- 07.91	111489	12 1.4
	[B230GT]				08.89- 07.90	111489	12 1.4
740 2.4 Diesel	[D24]	04.84- 07.84	110881	14 55	08.82- 04.84	111112	12 2.0
					08.84- 07.92	111120	12 2.2
740 2.4 TD	[D24T]	09.85- 07.92	110881	14 55	02.82- 04.84	111112	12 2.0
					04.85- 07.92	111120	12 2.2
	[D24TIC]	08.86- 10.88	112746	14 80	08.86- 10.88	111120	12 2.2
740 2.4 TD Intercooler	[D24TIC]	08.86- 07.88	110881	14 55	08.86- 07.92	111120	12 2.2
760 2.3	[B230FT]				08.85- 07.92	111489	12 1.4
760 2.3 Turbo	[B230ET]				08.84- 07.92	111489	12 1.4
	[B23ET]				08.82- 07.83	111054	12 1.1
760 2.4 Diesel	[D24]	01.82- 07.92	110881	14 55	01.82- 07.92	111120	12 2.2
760 2.4 TD	[D24T]	08.82- 07.92	110881	14 55	08.82- 07.92	111120	12 2.2
760 2.4 TD Intercooler	[D24TIC]	08.87- 07.92	110881	14 55	08.87- 07.92	111120	12 2.2
		08.87- 07.92	112746	14 80			

## STARTERS & ALTERNATORS



780 2.4 Diesel	[D24TIC]					04.86- 07.90	111120	12 2.2	
850 2.0	[B5202S]					08.94- 12.96	112818	12 1.4	
	[B5204F]					06.91- 12.96	112818	12 1.4	
850 2.0 Turbo	[B5204FT]	01.94- 08.96	112557	14 120		02.93- 01.98	112818	12 1.4	
	[B5204T]					02.93- 12.96	112818	12 1.4	
850 2.3 T5	[B5234FT]	02.93- 12.96	112557	14 120		02.93- 12.96	112818	12 1.4	
850 2.3 T5R	[B5234T4]	09.94- 08.97	112557	14 120		08.95- 12.96	112818	12 1.4	
850 2.5	[B5252]	08.92- 07.94	112557	14 120		08.92- 07.94	112818	12 1.4	
	[B5252FS]	08.94- 12.96	112557	14 120		08.94- 12.96	112818	12 1.4	
850 2.5 AWD	[B5254T]	04.96- 12.96	112557	14 120		04.96- 12.96	112818	12 1.4	
850 2.5 10V	[B5252]	06.91- 07.94	112557	14 120		06.91- 07.94	112818	12 1.4	
	[B5252S]	08.94- 12.96	112557	14 120		08.94- 12.96	112818	12 1.4	
850 2.5 20V	[B5254S]	08.91- 12.96	112557	14 120		08.91- 12.96	112818	12 1.4	
850 2.5 TDi	[D5252T]	05.96- 08.97	111894	14 115					
940 2.0	[B200F]	01.92- 08.93	112810	14 65		01.92- 07.94	111489	12 1.4	
		AC 09.90- 08.91	112746	14 80					
940 2.0 Turbo	[B200FT]	04.96- 10.98	112746	14 80		04.96- 10.98	111489	12 1.4	
940 2.3	[B230FB]	08.90- 08.95	112810	14 65		08.90- 12.94	110160	12 1.2	
						08.90- 12.94	111489	12 1.4	
	[B230FD]	08.92- 08.93	112810	14 65		08.92- 07.95	110160	12 1.2	
						08.92- 07.95	111489	12 1.4	
	[B230G]					08.90- 12.94	111489	12 1.4	
	[B234F]					08.88- 07.91	110160	12 1.2	
						08.88- 07.91	111489	12 1.4	
940 2.3 Turbo	[B230FK]					01.95- 08.97	110160	12 1.2	
						01.95- 08.97	111489	12 1.4	
	[B230FT]					08.90- 08.97	110160	12 1.2	
						08.90- 08.97	111489	12 1.4	
940 2.4 Diesel	[D24]	08.90- 07.95	112746	14 80		08.90- 12.94	111120	12 2.2	
940 2.4 TD	[D24T]	08.90- 08.91	112746	14 80		08.90- 08.97	111120	12 2.2	
940 2.4 TD Intercooler	[D24TIC]	08.90- 08.94	112746	14 80		08.90- 08.97	111120	12 2.2	
960 2.9	[B6304F]	08.90- 07.94	112557	14 120					
	[B6304G]	08.90- 07.94	112557	14 120					
960 2.0	[B204E]					09.90- 07.91	111489	12 1.4	
	[B204FT]					08.90- 09.91	111489	12 1.4	
960 2.4 TD Intercooler	[D24TIC]					08.90- 08.97	111120	12 2.2	
960 2.5 24V	[B6254S]	08.94- 08.97	112557	14 120					
960 2.9	[B6304F]	08.90- 08.97	112557	14 120					
	[B6304S]	08.90- 08.97	112557	14 120					
960 2.9 24V	[B6304S]	08.95- 08.97	112557	14 120					
66 DL 1.1	[B11]	10.75- 11.79	110899	14 33					
66 GL 1.3	[B130]	10.75- 11.79	110899	14 33					
C30 1.6	[B4164S3]	10.06-	113849	14 150		10.06-	111906	12 1.1	
		10.06-	115601*	14 120					
C30 1.6 Diesel	[D4162T]	10.10-	114724	14 150					
	[D4164T]	10.06-	113849	14 150		10.06-	113908	12 1.2	A49
		10.06-	113922	14 120		10.06-	116062	12 1.2	
		10.06-	115460	14 160					
C30 1.8	[B4184S11]					10.06-	113906	12 1.2	
C30 1.8 Flexfuel	[B4184S8]					01.07-	113906	12 1.2	
C30 2.0	[B4204S3]	10.06-	113849	14 150		10.06-	113906	12 1.2	
C30 2.0 Diesel	[D4204T]	10.06-	113849	14 150		10.06-	113911	12 2.2	A49
		10.06-	113922	14 120					
		10.06-	115460	14 160					
	[D5204T]	10.10-	115412	14 180		10.10-	115588	12 2.2	
		10.10-	115606	14 150		10.10-	116051	12 2.2	A49
	[D5204T5]	10.10-	115606	14 150		10.10-	115588	12 2.2	
						10.10-	116051	12 2.2	A49
C30 2.4 i	[B5244S4]	10.06-	115606	14 150		10.06-	115641	12 1.4	
C30 2.4 Diesel D5	[D5244T13]	10.06-	115606	14 150		10.06-	113303	12 2.2	
						10.06-	115588	12 2.2	
	[D5244T8]	10.06-	115606	14 150		10.06-	113303	12 2.2	
						10.06-	115588	12 2.2	
	[D5244T9]	10.06-	115606	14 150		10.06-	113303	12 2.2	
						10.06-	115588	12 2.2	
C30 2.5 Turbo T5	[B5244T3]	10.06-	115606	14 150		10.06-	115641	12 1.4	
	[B5254T7]	03.07-	115606	14 150		03.07-	115641	12 1.4	
						03.07-	116052	12 1.4	A49
C70 2.0 20V	[B5204T2]	03.98-	112072	14 120		03.97-	112818	12 1.4	
C70 2.0 Turbo	[B5204T3]	03.97- 07.00	111894	14 115		03.97-	112818	12 1.4	
		08.98-	112072	14 120					
	[B5204T4]	03.00- 09.02	112072	14 120		03.00- 09.02	112818	12 1.4	
C70 2.0 Diesel	[D4204T]	01.08-	113849	14 150		01.08-	113911	12 2.2	A49
		01.08-	113922	14 120					
	[D5204T]	10.10-	115412	14 180		10.10-	115588	12 2.2	
		10.10-	115434	14 150		10.10-	116051	12 2.2	A49
	[D5204T5]	10.10-	115412	14 180		10.10-	115588	12 2.2	
						10.10-	116051	12 2.2	A49
C70 2.3 T5	[B5234T3]	09.97- 09.02	111894	14 115		03.97-	112818	12 1.4	
		09.98-	112072	14 120					
	[B5234T9]	08.02-	111894	14 115		08.02-	112818	12 1.4	
		08.02-	112072	14 120					
C70 2.4	[B5244S5]	03.06-	114810	14 150		03.06-	114315	12 1.4	
		03.06-	115606	14 150		03.06-	115641	12 1.4	
C70 2.4 i	[B5244S4]	03.06-	114810	14 150		03.06-	114315	12 1.4	
		03.06-	115606	14 150		03.06-	115641	12 1.4	
C70 2.4 Turbo	[B5244T7]	08.02-	111894	14 115		08.02-	112818	12 1.4	
		08.02-	112072	14 120					
C70 2.4 Diesel D5	[D5244T13]	03.06-	115606	14 150		03.06-	113303	12 2.2	
	[D5244T8]	03.06-	115606	14 150		03.06-	113303	12 2.2	
C70 2.4 Diesel	[D5244T9]	03.07-	115606	14 150		03.07-	113303	12 2.2	
C70 2.5	[B5244S]	03.99- 07.00	112072	14 120		03.99- 07.00	112818	12 1.4	
	[B5254S]	06.98- 07.00	112072	14 120		06.98- 07.00	112818	12 1.4	
C70 2.5 T5	[D5254T3]	03.06-	114810	14 150		03.06-	114315	12 1.4	
		03.06-	115606	14 150		03.06-	115641	12 1.4	
						03.06-	116052	12 1.4	A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**VOLVO** *Continued*

C70 2.5 Turbo	[B5244T]	01.98- 07.99	111894	14 115		03.97- 09.02	112818	12 1.4
		03.98-	112072	14 120				
	[B5254T]	01.98- 07.99	111894	14 115		03.97-	112818	12 1.4
		09.98-	112072	14 120				
C70 2.5 Turbo T5	[B5254T7]	03.07-	115606	14 150		03.07-	114315	12 1.4
						03.07-	115641	12 1.4
						03.07-	116052	12 1.4 A49
P 121 1.8	[B18]					02.67- 05.71	111054	12 1.1
P 121 2.0	[B20A]					11.68- 05.71	111054	12 1.1
P 122 S 1.8 Amazon	[B18]					09.66- 05.71	111054	12 1.1
	[B18D]					02.67- 05.71	111054	12 1.1
P 122 S 2.0 Amazon	[B20B]					11.68- 05.71	111054	12 1.1
P 140 1.8	[B18A]					08.66- 07.68	111054	12 1.1
P 140 2.0	[B20A]					08.68- 07.74	111054	12 1.1
	[B20D]					08.71- 07.72	111054	12 1.1
	[B20E]					09.70- 04.75	111054	12 1.1
P 140 S 1.8	[B18B]					07.67- 01.72	111054	12 1.1
P 140 S 2.0	[B20B]					11.68- 09.72	111054	12 1.1
	[B20F]					09.72- 08.75	111054	12 1.1
P 145 2.0	[B20B]					08.72- 07.74	111054	12 1.1
	[B20E]					08.72- 07.73	111054	12 1.1
	[B20F]					09.73- 02.75	111054	12 1.1
P 145 S 2.0	[B20A]					08.68- 07.74	111054	12 1.1
P 1800 1.8						04.62- 05.70	111054	12 1.1
P 1800 ES 2.0	[B20E]					08.70- 07.73	111054	12 1.1
S40 1.6	[B4164S]					AT 09.95- 08.99	112818	12 1.4
	[B4164S2]	03.99- 12.03	112557	14 120		AT 03.99-	112818	12 1.4
		03.99- 12.03	113272	14 140		03.99- 12.03	113605	12 1.1
	[B4164S3]	01.05-	115601*	14 120		01.05-	111906	12 1.1
S40 1.6 Diesel	[D4164T]	01.05-	113849	14 150		01.05-	113908	12 1.2 A49
		01.05-	113922	14 120		01.05-	116062	12 1.2
		01.05-	115460	14 160				
S40 1.8	[B4184S]					AT 07.95-	112818	12 1.4
						07.95- 12.03	113605	12 1.1
	[B4184S11]	04.04-	114083	14 150		04.04-	113906	12 1.2
	[B4184S2]					03.99-	112818	12 1.4
	[B4184S3]					07.95- 08.99	113605	12 1.1
	[B4184S9]					03.99- 12.03	113605	12 1.1
S40 1.8 Flexfuel	[B4184S8]					01.06-	113906	12 1.2
S40 1.9 T4	[B4194T]					AT 05.97-	112818	12 1.4
	[B4194T2]	05.97- 07.00	113272	14 140		05.97- 07.00	113605	12 1.1
S40 1.9 Diesel Di	[D4192T2]	03.99- 07.00	113248	14 120		03.99-	112295	12 1.7
	[D4192T3]	07.00- 12.03	112471	14 125		07.00- 12.00	112295	12 1.7
		07.00- 12.03	113248	14 120		07.00- 12.03	112474	12 1.8
		Eng. -36180 07.00- 12.03	112679	14 110				
	[D4192T4]	07.00- 12.03	112471	14 125		07.00- 12.00	112295	12 1.7
		07.00- 12.03	113248	14 120		07.00- 12.03	112474	12 1.8
	Eng. -36180 07.00- 12.03	112679	14 110					
S40 1.9 TD	[D4192T]	07.95- 08.99	113248	14 120		07.95- 08.99	112295	12 1.7
S40 2.0	[B4204S]					AT 07.95-	112818	12 1.4
	[B4204S3]	10.06-	113978	14 120		10.06-	113906	12 1.2
		10.06-	114083	14 150				
S40 2.0 16V	[B4204S]					AT 07.95-	112818	12 1.4
	[B4204S2]	Chas. 964075- 07.95- 12.03	113272	14 140		07.95- 12.03	113605	12 1.1
		Chas. 415000-964074 07.95- 12.03	112072	14 120				
S40 2.0 Turbo	[B4204T]	04.98- 07.99	113272	14 140		AT 10.97-	112818	12 1.4
	[B4204T2]	Chas. 964075- 08.00- 01.04	113272	14 140				
		Chas. -964074 08.00- 01.04	112072	14 120				
	[B4204T3]	07.00- 06.01	112072	14 120				
		07.00- 06.01	113272	14 140				
		Chas. 964075 - 08.00- 01.04	113272	14 140				
	Chas. - 964074 08.00- 01.04	112072	14 120					
S40 2.0 Turbo T4	[B4204T5]	Chas. 964075- 07.00- 12.03	113272	14 140		AT 07.00- 12.03	112818	12 1.4
S40 2.0 F	[B4204S4]					10.06-	113906	12 1.2
S40 2.0 Diesel	[D4204T]	01.04-	113849	14 150		01.04-	113911	12 2.2 A49
		01.04-	113922	14 120				
S40 2.0 Diesel D3	[D5204T5]	10.10-	115434	14 150		10.10-	115588	12 2.2
		10.10-	115606	14 150		10.10-	116051	12 2.2 A49
S40 2.0 Diesel D4	[D5204T]	10.10-	115434	14 150		10.10-	115588	12 2.2
		10.10-	115606	14 150		10.10-	116051	12 2.2 A49
S40 2.4	[B5244S4]	01.04-	114810	14 150		01.04-	114315	12 1.4
		01.04-	115606	14 150		01.04-	115641	12 1.4
	[B5244S5]	01.04-	114810	14 150		01.04-	114315	12 1.4
		01.04-	115606	14 150		01.04-	115641	12 1.4
S40 2.5 T5	[B5254T3]	01.04-	114810	14 150		01.04-	114315	12 1.4
		01.04-	115606	14 150		01.04-	115641	12 1.4
S40 2.5 T5 AWD	[B5254T3]	04.04-	114810	14 150		04.04-	114315	12 1.4
		04.04-	115606	14 150		04.04-	115641	12 1.4
S40 2.5 Turbo T5	[B5254T7]	03.07-	115606	14 150		03.07-	114315	12 1.4
						03.07-	115641	12 1.4
S40 2.5 Turbo T5 AWD	[B5254T7]	03.07-	115606	14 150		03.07-	114315	12 1.4
						03.07-	115641	12 1.4
S60 1.6 T3	[B4164T3]					04.10-	116049	12 1.2 A49
S60 1.6 T4	[B4164T]					04.10-	116049	12 1.2 A49
S60 1.6	[B4164T2]					04.11-	116049	12 1.2 A49
S60 2.0 T5	[B4204T7]	04.10-	115908*	14 150		04.10-	113906	12 1.2
S60 2.0 Turbo	[B4204T6]	04.10-	115908*	14 150		04.10-	113906	12 1.2
	[B5204T5]	09.01-	112072	14 120		11.00-	112818	12 1.4
		09.01-	113272	14 140		09.01-	115641	12 1.4
		09.01-	115709	14 160				
		AT 09.01-	112078	14 120				
S60 2.0 D3	[D5204T7]	05.12-	115412	14 180		05.12-	115588	12 2.2
		05.12-	115434	14 150		05.12-	116051	12 2.2
S60 2.0 D4	[D5204T3]	05.12-	115412	14 180		05.12-	115588	12 2.2
		05.12-	115434	14 150		05.12-	116051	12 2.2 A49

## STARTERS & ALTERNATORS



S60 2.0 Diesel D3	[D5204T2]	04.10- 04.12	115412	14 180		04.10- 04.12	115588	12 2.2
		04.10- 04.12	115434	14 150		04.10- 04.12	116051	12 2.2 A49
	[D5204T3]	04.10- 04.12	115412	14 180		04.10- 04.12	115588	12 2.2
		04.10- 04.12	115434	14 150		04.10- 04.12	116051	12 2.2 A49
S60 2.3 T5	[B5234T3]	11.00-	112072	14 120		11.00- 03.04	112818	12 1.4
		11.00-	113272	14 140		11.00-	115641	12 1.4
		11.00-	115709	14 160				
	AT 11.00-	112078	14 120					
S60 2.4	[B5244S]	11.00-	112072	14 120		11.00-	112818	12 1.4
		11.00-	113272	14 140		11.00-	115641	12 1.4
		11.00-	115709	14 160				
	AT 11.00-	112078	14 120					
	[B5244S2]	11.00-	112072	14 120		11.00-	112818	12 1.4
		11.00-	113272	14 140		11.00-	115641	12 1.4
S60 2.4 T5	[B5244T5]	04.04- 08.04	113272	14 140		04.04-	112818	12 1.4
		04.04-	115709	14 160		04.04-	115641	12 1.4
		11.00-	112072	14 120		11.00- 07.02	112818	12 1.4
		11.00-	113272	14 140		11.00-	115641	12 1.4
S60 2.4 Turbo	[B5244T3]	11.00-	112072	14 120		11.00- 07.02	112818	12 1.4
		11.00-	113272	14 140		11.00-	115641	12 1.4
		11.00-	115709	14 160				
	AT 11.00-	112078	14 120					
S60 2.4 Turbo AWD	[B5244T3]	11.01- 07.02	112072	14 120		11.01-	112818	12 1.4
		11.01- 07.02	112078	14 120		11.01-	115641	12 1.4
		11.01-	113272	14 140				
		11.01-	115709	14 160				
S60 2.4 BiFuel	[B5244SG]	06.02- 08.04	112072	14 120		06.02-	112818	12 1.4
		06.02-	112078	14 120		06.02-	115641	12 1.4
		06.02-	113272	14 140				
		06.02-	115709	14 160				
S60 2.4 LPG	[B5244SG2]	06.02- 04.10	112072	14 120		06.02- 04.10	115641	12 1.4
		06.02- 04.10	112078	14 120				
		06.02- 04.10	114312	14 140				
		06.02- 04.10	115709	14 160				
S60 2.4 Diesel	[D5244T]	07.01-	113272	14 140	Chas. 61386-	07.01-	113303	12 2.2
		07.01-	113754	14 120				
		07.01-	115709	14 160				
	[D5244T11]	06.11-	115412	14 180		06.11-	115588	12 2.2
		06.11-	115434	14 150		06.11-	116051	12 2.2 A49
	[D5244T15]	06.11-	115412	14 180		06.11-	115588	12 2.2
		06.11-	115434	14 150		06.11-	116051	12 2.2 A49
	[D5244T2]	12.01-	113754	14 120	Chas. 61386-	08.02-	113303	12 2.2
		12.01-	114312	14 140				
		12.01-	115708	14 160				
		12.01-	115709	14 160				
		08.02- 08.04	113272	14 140				
[D5244T5]					01.07-	113303	12 2.2	
S60 2.4 Diesel D5	[D5244T10]	04.10-	115412	14 180		04.10-	115588	12 2.2
		04.10-	115434	14 150				
S60 2.4 Diesel D5 AWD	[D5244T10]	04.10-	115412	14 180		04.10-	115588	12 2.2
		04.10-	115434	14 150				
	[D5244T11]	06.11-	115412	14 180		06.11-	115588	12 2.2
		06.11-	115434	14 150		06.11-	116051	12 2.2 A49
[D5244T15]	06.11-	115412	14 180		06.11-	115588	12 2.2	
	06.11-	115434	14 150		06.11-	116051	12 2.2 A49	
S60 2.5 T5 AWD	[B5254T12]	08.15-	115412	14 180		08.15-	115641	12 1.4
S60 2.5 Turbo	[B5254T2]	02.04-	115709	14 160		02.04-	115641	12 1.4
		04.04- 08.04	113272	14 140		04.04-	112818	12 1.4
S60 2.5 Turbo AWD	[B5254T2]	04.04- 08.04	113272	14 140		04.04-	112818	12 1.4
		04.04-	114312	14 140		04.04-	115641	12 1.4
		04.04-	115708	14 160				
		04.04-	115709	14 160				
S60 3.0 T6 4x4	[B6304T4]					04.10-	114746	12 1.4
S60 R 2.5 Turbo AWD	[B5254T4]	03.03- 08.04	112072	14 120		03.03-	112818	12 1.4
		03.03- 08.04	112078	14 120		03.03-	115641	12 1.4
		03.03- 08.04	113272	14 140				
		03.03-	114312	14 140				
		03.03-	115708	14 160				
		03.03-	115709	14 160				
S70 2.0	[B5202FS]	01.97- 11.00	112072	14 120		01.97- 11.00	112818	12 1.4
	[B5202S]	09.98-	112072	14 120		AT 01.97-	112818	12 1.4
	[B5204F]	01.97- 08.98	111894	14 115		01.97-	112818	12 1.4
		09.98- 03.00	112072	14 120				
	[B5204T4]	01.97- 11.00	112072	14 120		01.97- 11.00	112818	12 1.4
S70 2.0 20V	[B5204T2]	09.98-	112072	14 120		01.97- 07.98	112818	12 1.4
S70 2.0 Turbo	[B5204T]	01.97- 03.00	111894	14 115		01.97-	112818	12 1.4
		09.98- 03.00	112072	14 120				
	[B5204T3]	01.97- 11.00	111894	14 115		08.98- 11.00	112818	12 1.4
	09.98- 11.00	112072	14 120					
S70 2.3 T5	[B5234T3]	01.97- 08.98	111894	14 115		AT 01.97-	112818	12 1.4
		09.98-	112072	14 120				
S70 2.3 Turbo	[B5234FT]	01.97- 08.98	111894	14 115		01.97- 11.00	112818	12 1.4
	09.98- 11.00	112072	14 120					
S70 2.4	[B5244S]	01.97-	111894	14 115		AT 01.97-	112818	12 1.4
		09.98-	112072	14 120				
	[B5244S2]	08.99- 07.00	112072	14 120		08.99- 07.00	112818	12 1.4
	[B5252FS]	01.97-	111894	14 115		AT 01.97-	112818	12 1.4
		09.98-	112072	14 120				
	[B5254S]	01.97- 11.00	111894	14 115		06.98-	112818	12 1.4
		01.97- 11.00	112072	14 120				
[GB5252S]	10.98-	111894	14 115		AT 10.98-	112818	12 1.4	
	10.98-	112072	14 120					
S70 2.4 Turbo	[B5244T]	01.97- 11.00	112072	14 120		AT 01.97-	112818	12 1.4
	[B5254T]	01.97-	111894	14 115		AT 01.97-	112818	12 1.4
		09.98-	112072	14 120				
S70 2.4 Blu-Fuel	[B5244S2]	07.97- 09.00	112072	14 120		07.97- 09.00	112818	12 1.4

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VOLVO** *Continued*

	[B5244SG]	07.97- 09.00	112072	14 120		07.97- 09.00	112818	12 1.4
S70 2.5 BiFuel	[B5244SG]	07.99- 11.00	111894	14 115		07.99-	112818	12 1.4
		07.99-	112072	14 120				
S70 2.5 TDi	[D5252T]	01.97-	111894	14 115				
		01.97-	113272	14 140				
		01.97- 11.00	113754	14 120				
S80 1.6 Diesel DRIVe	[D4162T]	06.11-	114724	14 150				
S80 2.0	[B4204S3]					01.08-	113906	12 1.2
	[B5204T4]	06.98-	112078	14 120		06.98-	112818	12 1.4
		06.98-	113272	14 140				
S80 2.0 T5	[B4204T7]	10.10-	115908*	14 150		10.10-	113906	12 1.2
S80 2.0 FlexFuel	[B4204S4]					01.08-	113906	12 1.2
S80 2.0 Turbo	[B4204T6]	01.10-	115908*	14 150		01.10-	113906	12 1.2
	[B5204T3]	06.98-	112078	14 120		06.98-	112818	12 1.4
		06.98-	113272	14 140				
	[B5204T5]	12.99-	112078	14 120		12.99-	112818	12 1.4
		12.99-	113272	14 140				
		12.99- 07.06	115709	14 160				
S80 2.0	[D5204T7]	05.12-	115412	14 180		05.12-	113303	12 2.2
		05.12-	115434	14 150		05.12-	115588	12 2.2
						05.12-	116051	12 2.2 A49
S80 2.0 Diesel D3	[D5204T2]	01.10-	115412	14 180		01.10-	113303	12 2.2
		01.10-	115434	14 150		01.10-	115588	12 2.2
						01.10-	116051	12 2.2 A49
	[D5204T3]	01.10-	115412	14 180		01.10-	113303	12 2.2
		01.10-	115434	14 150		01.10-	115588	12 2.2
						01.10-	116051	12 2.2 A49
S80 2.4	[B5244S]	01.99-	112072	14 120		01.99-	112818	12 1.4
		01.99-	112078	14 120				
		01.99-	113272	14 140				
		01.99- 07.06	115709	14 160				
	[B5244S2]	01.99-	112072	14 120		01.99-	112818	12 1.4
		01.99-	112078	14 120				
		01.99-	113272	14 140				
		01.99- 07.06	115709	14 160				
S80 2.4 T5 AWD	[B5244T3]	08.00- 07.03	112078	14 120		04.00- 09.03	112818	12 1.4
		08.00- 07.03	113272	14 140				
S80 2.4 Turbo	[B5244T3]	03.00-	112078	14 120		03.00-	112818	12 1.4
		03.00-	113272	14 140				
		06.00-	112072	14 120				
		06.00- 07.06	115709	14 160				
S80 2.4 LPG	[B5244SG]	09.01- 07.06	112072	14 120				
		09.01- 07.06	112078	14 120				
		09.01- 07.06	113272	14 140				
		09.01- 07.06	114312	14 140				
		09.01- 07.06	115709	14 160				
S80 2.4 BiFuel	[B5244SG2]	09.01-	112072	14 120		09.01-	112818	12 1.4
		09.01-	112078	14 120				
		09.01-	113272	14 140				
		09.01- 07.06	115709	14 160				
S80 2.4 Diesel	[D5244T]	03.06-	115412	14 180		03.06-	113303	12 2.2
		03.06-	115434	14 150				
	[D5244T14]	01.10-	115412	14 180				
		01.10-	115434	14 150				
	[D5244T2]	10.01-	113272	14 140				
		10.01- 07.06	113754	14 120				
		10.01- 07.06	115709	14 160				
	[D5244T5]	03.06-	115412	14 180		03.06-	113303	12 2.2
		03.06-	115434	14 150				
S80 2.4 Diesel D5	[D5244T]	08.01-	113272	14 140		AT 08.01-	113303	12 2.2
		08.01- 07.06	115709	14 160				
	[D5244T10]	01.10-	115412	14 180		01.10-	113303	12 2.2
		01.10-	115434	14 150		01.10-	115588	12 2.2
	[D5244T11]	06.11-	115412	14 180		06.11-	113303	12 2.2
		06.11-	115434	14 150		06.11-	115588	12 2.2
						06.11-	116051	12 2.2 A49
	[D5244T15]	06.11-	115412	14 180		06.11-	113303	12 2.2
		06.11-	115434	14 150		06.11-	115588	12 2.2
						06.11-	116051	12 2.2 A49
	[D5244T4]	03.06-	115412	14 180		03.06-	113303	12 2.2
		03.06-	115434	14 150				
S80 2.4 Diesel D5 AWD	[D5244T10]	01.10-	115412	14 180		01.10-	113303	12 2.2
		01.10-	115434	14 150		01.10-	115588	12 2.2
	[D5244T15]	06.11-	115412	14 180		06.11-	113303	12 2.2
		06.11-	115434	14 150		06.11-	115588	12 2.2
						06.11-	116051	12 2.2 A49
	[D5244T4]	01.07-	115412	14 180				
		01.07-	115434	14 150				
S80 2.5 Turbo FlexFuel	[B5254T8]	05.08-	115412	14 180		05.08-	115641	12 1.4
		05.08-	115434	14 150				
S80 2.5 Turbo	[B5254T10]	01.10-	115412	14 180		01.10-	115641	12 1.4
		01.10-	115434	14 150				
	[B5254T12]	01.12-	115412	14 180		01.12-	115641	12 1.4
	[B5254T14]	09.12-	115412	14 180		09.12-	115641	12 1.4
	[B5254T2]	03.03- 07.06	115709	14 160		03.03-	112818	12 1.4
		07.03-	113272	14 140				
	[B5254T6]	03.06-	115412	14 180		03.06-	115641	12 1.4
		03.06-	115434	14 150				
S80 2.5 Turbo AWD	[B5254T2]	07.03-	113272	14 140		07.03-	112818	12 1.4
		07.03- 07.06	115709	14 160				
S80 2.5 Turbo FlexFuel	[B5254T11]	01.10-	115412	14 180		01.10-	115641	12 1.4
		01.10-	115434	14 150				
S80 2.5 TDi	[D5252T]	01.99- 08.01	113272	14 140				
		01.99- 07.06	113754	14 120				
S80 2.8 T6	[B6284T]	09.98- 08.01	112078	14 120				
		09.98-	113272	14 140				

## STARTERS & ALTERNATORS



S80 2.9	[B6294S]	03.99- 03.99-	112078 113272	14 120 14 140				
S80 2.9 24V	[B6304S3]	09.98- 08.99 09.98- 08.99	112078 113272	14 120 14 140				
S80 3.0	[B6294S2]	08.01- 08.01- 08.01-	112072 112078 113272	14 120 14 120 14 140				
S80 3.0 T6	[B6294T]	06.01- 06.01- 06.01-	112072 112078 113272	14 120 14 120 14 140				
S80 3.0 T6 AWD	[B6304T4]	10.10-	114756*	14 180	10.10-	114746	12 1.4	
S80 3.0 Turbo T6 AWD	[B6304T2]				01.07-	114746	12 1.4	
S80 3.2	[B6324S]				03.06-	114746	12 1.4	
	[B6324S5]				01.10-	114746	12 1.4	
S80 3.2 AWD	[B6324S]				01.07-	114746	12 1.4	
	[B6324S5]				01.10-	114746	12 1.4	
S80 4.4 V8 AWD	[B8444S]	03.06-	115753	14 180				
S90 2.9	[B6304G]	01.97-	112557	14 120				
	[B6304S2]	01.97-	112557	14 120				
V40 1.6	[B4164S]				AT 12.95- 08.99 07.95-	112818 113605	12 1.4 12 1.1	
	[B4164S2]	03.99- 06.04	112557	14 120	AT 03.99-	112818	12 1.4	
V40 1.6 Diesel	[D4162T]	03.12-	114724	14 150	03.12-	116053	12 1.4 A49	
V40 1.8	[B4184S]				AT 07.95- 07.95-	112818 113605	12 1.4 12 1.1	
	[B4184S2]				AT 03.99-	112818	12 1.4	
	[B4184S3]				07.95- 08.99	113605	12 1.1	
	[B4184S9]				03.99-	113605	12 1.1	
V40 1.8 i	[B4184SJ]	06.01-	112327	14 100				
V40 1.9 T4	[B4194T]				AT 05.97-	112818	12 1.4	
V40 1.9 Diesel Di	[D4192T2]	03.99- 07.00	113248	14 120	03.99-	112295	12 1.7	
	[D4192T3]	07.00- 07.00- 06.04	112471 113248	14 125 14 120	07.00- 12.00 07.00-	112295 112474	12 1.7 12 1.8	
		Eng. -36180	07.00-	112679	14 110			
	[D4192T4]	07.00- 07.00- 06.04	112471 113248	14 125 14 120	07.00- 12.00 07.00-	112295 112474	12 1.7 12 1.8	
		Eng. -36180	07.00-	112679	14 110			
V40 1.9 TD	[D4192T]	07.95- 08.99	113248	14 120	07.95-	112295	12 1.7	
V40 2.0	[B4204S]				AT 07.95-	112818	12 1.4	
	[B5204T8]	07.13-	115606	14 150	07.13-	116052	12 1.4 A49	
	[B5204T9]				03.13-	116052	12 1.4 A49	
V40 2.0 4x4	[B5204T8]				07.13-	116052	12 1.4 A49	
	[B5204T9]	03.13-	115606	14 150	03.13-	116052	12 1.4 A49	
V40 2.0 16V	[B4204S]	07.95- 06.04 07.95- 06.04	112072 113272	14 120 14 140	AT 07.95- 06.04 07.95- 06.04	112818 113605	12 1.4 12 1.1	
	[B4204S2]	Chas. 964075- Chas. 415000-964074	07.95- 04.04 07.95- 04.04	113272 112072	07.95- AT 07.95-	113605 112818	12 1.4 12 1.4	
V40 2.0 Turbo 16V	[B4204T]	10.97- 07.00 10.97- 07.00	112072 113272	14 120 14 140	AT 10.97-	112818	12 1.4	
V40 2.0 Turbo	[B4204T2]	07.00- 06.01 07.00- 06.01	112072 113272	14 120 14 140	AT 07.00- 06.01	112818	12 1.4	
	[B4204T3]	06.01- Chas. - 964074	113272 112072	14 140 14 120	AT 06.01-	112818	12 1.4	
V40 2.0 Turbo T4	[B4204T5]	07.00- 07.00-	112072 113272	14 120 14 140	AT 07.00- 04.04	112818	12 1.4	
V40 2.0 Diesel	[D5204T4]				03.12-	116051	12 2.2 A49	
	[D5204T6]				03.12-	116051	12 2.2	
V40 2.5 4x4	[B5254T12]	01.13-	115606	14 150				
V50 1.6	[B4164S3]	01.05-	115601*	14 120	01.05-	111906	12 1.1	
V50 1.6 Diesel	[D4164T]	01.05- 01.05- 01.05-	113849 113922 115460	14 150 14 120 14 160	01.05- 01.05- 01.05-	113908 116062	12 1.2 A49 12 1.2	
V50 1.8	[B4184S11]	04.04-	114083	14 150	04.04-	113906	12 1.2	
V50 1.8 FlexFuel	[B4184S8]				01.05-	113906	12 1.2	
V50 2.0	[B4204S3]	10.06- 10.06-	113978 114083	14 120 14 150	10.06-	113906	12 1.2	
V50 2.0 Flexfuel	[B4204S4]				01.10-	113906	12 1.2	
V50 2.0 Diesel	[D4204T]	04.04- 04.04-	113849 113922	14 150 14 120	04.04-	113911	12 2.2 A49	
V50 2.0 Diesel D3	[D5204T5]	10.10- 10.10-	115434 115606	14 150 14 150	10.10- 10.10-	115588 116051	12 2.2 12 2.2 A49	
V50 2.0 Diesel D4	[D5204T]	10.10- 10.10-	115434 115606	14 150 14 150	10.10- 10.10-	115588 116051	12 2.2 12 2.2 A49	
V50 2.4	[B5244S4]	04.04-	114810	14 150	04.04- 04.04-	114315 115641	12 1.4 12 1.4	
	[B5244S5]	04.04- 04.04-	114810 115606	14 150 14 150	04.04- 04.04-	114315 115641	12 1.4 12 1.4	
V50 2.4 Diesel	[D5244T13]	03.06- 03.06-	114810 115606	14 150 14 150	03.06-	113303	12 2.2	
	[D5244T8]	03.06- 03.06-	114810 115606	14 150 14 150	03.06-	113303	12 2.2	
V50 2.5 T5	[B5254T3]	04.04-	114810	14 150	04.04- 04.04-	114315 115641	12 1.4 12 1.4	
V50 2.5 T5 AWD	[B5254T3]	04.04-	114810	14 150	04.04- 04.04-	114315 115641	12 1.4 12 1.4	
V50 2.5 Turbo T5	[B5254T7]	03.07-	115606	14 150	03.07- 03.07-	114315 115641	12 1.4 12 1.4	
V50 2.5 Turbo T5 AWD	[B5254T7]	03.07-	115606	14 150	03.07- 03.07-	114315 115641	12 1.4 12 1.4	
V60 1.6 T3	[B4164T3]				09.10-	116049	12 1.2 A49	
V60 1.6 T4	[B4164T]				09.10-	116049	12 1.2 A49	
V60 1.6	[B4164T2]				04.11-	116049	12 1.2 A49	
V60 2.0 T5	[B4204T7]	09.10-	115908*	14 150	09.10-	113906	12 1.2	
V60 2.0 Turbo	[B4204T6]	09.10-	115908*	14 150	09.10-	113906	12 1.2	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**VOLVO** Continued

V60 2.0 D3	[D5204T7]	12.12-	115412	14 180	12.12-	115588	12 2.2
		12.12-	115434	14 150	12.12-	116051	12 2.2 A49
V60 2.0 Diesel D3	[D5204T2]	09.10-	115412	14 180	A44 12.12-	116088*	12 2.4
					09.10-	115588	12 2.2
	[D5204T3]	09.10-	115412	14 180	A44 09.10-	116088*	12 2.4
V60 2.4 D5	[D5244T17]	12.12-	115412	14 180	12.12-	115588	12 2.2
		12.12-	115434	14 150	12.12-	116051	12 2.2 A49
	A44 12.12-	116088*	12 2.4				
V60 2.4 Diesel	[D5244T23]	04.14-	115412	14 180	04.14-	116051	12 2.2 A49
		04.14-	115434	14 150			
V60 2.4 Diesel AWD	[D5244T11]	06.11-	115412	14 180	06.11-	115588	12 2.2
		06.11-	115434	14 150	A44 06.11-	116088*	12 2.4
	[D5244T12]	10.13-	115412	14 180	10.13-	115588	12 2.2
	[D5244T15]	06.11-	115412	14 180	10.13-	116051	12 2.2 A49
	06.11-	115434	14 150	A44 06.11-	116088*	12 2.4	
V60 2.4 Diesel D5	[D5244T10]	09.10-	115412	14 180	09.10-	115588	12 2.2
		[D5244T11]	06.11-	115412	14 180	09.10-	116051
	06.11-	115434	14 150	06.11-	115588	12 2.2	
	[D5244T15]	06.11-	115412	14 180	A44 06.11-	116088*	12 2.4
	06.11-	115434	14 150	06.11-	116051	12 2.2 A49	
V60 2.4 Diesel D5 AWD	[D5244T10]	09.10-	115412	14 180	09.10-	115588	12 2.2
		[D5244T15, D5244T23]	04.14-	115412	14 180	09.10-	116051
	04.14-	115434	14 150	04.14-	116051	12 2.2 A49	
V60 2.4 Hybrid	[D5244T15]				06.12-	116051	12 2.2 A49
	[D82PHEV]				06.12-	116051	12 2.2
V60 3.0 T6 AWD	[B6304T3]				04.14-	114746	12 1.4
	[B6304T4]	09.10-	114756*	14 180	09.10-	114746	12 1.4
V60 3.0 T AWD	[B6304T5]				05.14-	114746	12 1.4
V70 1.6 D5 AWD	[B4164T]				10.10-	113906	12 1.2
					10.10-	116049	12 1.2 A49
V70 1.6 T4F	[B4164T2]				01.11-	113906	12 1.2
					01.11-	116049	12 1.2 A49
V70 1.6 Diesel D5 AWD	[D4162T]	06.11-	114724	14 150			
V70 2.0	[B4204S3]				10.07-	113906	12 1.2
	[B5202S]	09.98-	112072	14 120	01.97-	112818	12 1.4
	[B5204F]	01.97- 03.00	111894	14 115	01.97- 03.00	112818	12 1.4
		09.98- 03.00	112072	14 120			
	[B5204T4]	01.97- 03.00	112072	14 120	01.97- 03.00	112818	12 1.4
V70 2.0 T6 AWD	[B4204T7]	01.10-	115908*	14 150	01.10-	113906	12 1.2
V70 2.0 20V	[B5204T2]	01.97- 08.98	111894	14 115	01.97- 03.06	112818	12 1.4
V70 2.0 FlexFuel	[B4204S4]				01.08-	113906	12 1.2
V70 2.0 Turbo	[B4204T6]	01.10-	115908*	14 150	01.10-	113906	12 1.2
	[B5204T]	03.00- 03.00	113272	14 140	01.97-	112818	12 1.4
		01.97- 03.00	111894	14 115			
		09.98- 03.00	112072	14 120			
	[B5204T3]	01.97- 08.99	111894	14 115	01.97- 08.99	112818	12 1.4
		09.98- 08.99	112072	14 120			
	[B5204T5]	03.00-	112072	14 120	07.01-	112818	12 1.4
	03.00-	113272	14 140	07.01-	115641	12 1.4	
	07.01-	115709	14 160				
V70 2.0 Turbo AWD	[B5204T3]	01.97- 08.99	111894	14 115	01.97- 08.99	112818	12 1.4
		09.98- 08.99	112072	14 120			
V70 2.0	[B5204T9]				03.13-	115641	12 1.4
					03.13-	116052	12 1.4 A49
	[D5204T3]	01.13-	115412	14 180	01.13-	113303	12 2.2
		01.13-	115434	14 150	A25 01.13-	116088*	12 2.4
V70 2.0 Diesel	[D4204T]	10.07-	115365	14 150	10.07-	113911	12 2.2 A49
	[D5204T2]	03.10- 07.11	115412	14 180	03.10- 07.11	113303	12 2.2
V70 2.0 Diesel D5 AWD	[D5204T2]	03.10- 07.11	115434	14 150	03.10- 07.11	115588	12 2.2
					03.10- 07.11	116051	12 2.2 A49
	[D5204T3]	03.10- 07.11	115412	14 180	03.10- 07.11	113303	12 2.2
		03.10- 07.11	115434	14 150	03.10- 07.11	115588	12 2.2
					A25 03.10- 07.11	116088*	12 2.4
				03.10- 07.11	116051	12 2.2 A49	
V70 2.3	[B5234FT]	01.97- 03.00	111894	14 115	01.97- 03.00	112818	12 1.4
		09.98- 03.00	112072	14 120			
V70 2.3 T5	[B5234T7]	10.00- 09.04	112072	14 120	10.00- 09.04	115641	12 1.4
	[B5234T3]	03.00-	113272	14 140	01.97-	112818	12 1.4
		03.00-	115709	14 160	03.00-	115641	12 1.4
		09.98-	112072	14 120			
		AT 03.00-	112078	14 120			
V70 2.3 T5 AWD	[B5234T3]	01.97-	111894	14 115	01.97-	112818	12 1.4
		09.98-	112072	14 120			
V70 2.3 Turbo AWD	[B5234FT]	09.98-	112072	14 120	04.97-	112818	12 1.4
	[B5234T4]	04.97- 03.00	112072	14 120	04.97- 03.00	112818	12 1.4
V70 2.4	[B5244S]	03.00-	113272	14 140	01.97-	112818	12 1.4
		03.00-	115709	14 160	03.00-	115641	12 1.4
	09.98-	112072	14 120				
	AT 03.00-	112078	14 120				
	[B5244S2]	03.00-	112072	14 120	03.00-	112818	12 1.4
	03.00-	113272	14 140	03.00-	115641	12 1.4	
	03.00-	115709	14 160				
	AT 03.00-	112078	14 120				

## STARTERS & ALTERNATORS



	[B5252FS]	09.98-	112072	14 120		01.97-	112818	12 1.4
	[B5254S]	01.97- 05.00	112072	14 120		01.97- 05.00	112818	12 1.4
		06.98-	111894	14 115				
	[GB5244SG2]	08.99- 05.00	112072	14 120		05.99- 03.00	112818	12 1.4
V70 2.4 Turbo	[B5244T]	01.97- 03.00	112072	14 120		01.97- 03.00	112818	12 1.4
	[B5244T3]	03.00-	112078	14 120		03.00-	115641	12 1.4
		03.00-	113272	14 140		03.00-	112818	12 1.4
		03.00-	115709	14 160				
		AC 03.00-	112072	14 120				
	[B5254T]	01.97- 09.98-	111894	14 115		01.97-	112818	12 1.4
			112072	14 120				
V70 2.4 Turbo AWD	[B5244T]	01.97- 05.00	112072	14 120		01.97- 05.00	112818	12 1.4
	[B5244T3]	03.00-	112078	14 120		09.01-	115641	12 1.4
		03.00-	113272	14 140		03.00-	112818	12 1.4
		09.00-	112072	14 120				
		09.01-	115709	14 160				
	[B5254T]	01.97- 09.98-	111894	14 115		01.97-	112818	12 1.4
			112072	14 120				
V70 2.4 Turbo T5	[B5244T5]	04.04-	112072	14 120		04.04-	112818	12 1.4
		04.04-	113272	14 140		04.04-	115641	12 1.4
		04.04-	115709	14 160				
V70 2.4 LPG	[B5244SG]	09.01- 08.07	112072	14 120		09.01- 08.07	115641	12 1.4
		09.01- 08.07	112078	14 120				
		09.01- 08.07	114312	14 140				
		09.01- 08.07	115709	14 160				
V70 2.4	[GB5252S]	10.98-	111894	14 115		10.98-	112818	12 1.4
		10.98-	112072	14 120				
V70 2.4 4x4	[D5244T17]	01.13-	115412	14 180		01.13-	113303	12 2.2
		01.13-	115434	14 150		01.13-	115588	12 2.2
						01.13-	116051	12 2.2 A49
V70 2.4 BiFuel	[B5244SG]	08.99-	111894	14 115		08.99-	112818	12 1.4
		08.99-	112072	14 120				
		08.99-	113272	14 140				
	[B5244SG2]	09.01-	112072	14 120		09.01-	112818	12 1.4
		09.01-	112078	14 120				
		09.01-	113272	14 140				
		09.01-	115709	14 160				
V70 2.4 Diesel	[D5244T10]	12.09-	115412	14 180		12.09-	115588	12 2.2
		12.09-	115434	14 150		12.09-	116051	12 2.2 A49
	[D5244T14]	10.09- 07.10	115412	14 180		10.09- 07.10	115588	12 2.2
		10.09- 07.10	115434	14 150				
	[D5244T2]	12.01-	113272	14 140				
	12.01-	115709	14 160					
	[D5244T5]	03.06-	115412	14 180				
		03.06-	115434	14 150				
V70 2.4 Diesel AWD	[D5244T10]	12.09-	115412	14 180		12.09-	115588	12 2.2
		12.09-	115434	14 150		12.09-	116051	12 2.2 A49
	[D5244T12]	10.13-	115412	14 180		10.13-	113303	12 2.2
					10.13-	115588	12 2.2	
					10.13-	116051	12 2.2 A49	
V70 2.4 Diesel D5	[D5244T]	08.01-	113272	14 140				
		08.01-	113754	14 120				
		08.01-	114312	14 140				
		08.01-	115708	14 160				
		08.01-	115709	14 160				
	[D5244T11]	06.11-	115434	14 150		06.11-	113303	12 2.2
						06.11-	115588	12 2.2
						06.11-	116051	12 2.2 A49
	[D5244T15]	06.11-	115434	14 150		06.11-	113303	12 2.2
						06.11-	115588	12 2.2
					06.11-	116051	12 2.2 A49	
	[D5244T4]	05.05-	113272	14 140				
		08.07-	115412	14 180				
		08.07-	115434	14 150				
	[D5244T5]	08.01-	113272	14 140		08.05- 07.07	111030	12 1.4
		08.01-	115709	14 160		08.05- 07.07	113303	12 2.2
		08.05- 07.07	114312	14 140				
		08.05- 07.07	115708	14 160				
V70 2.4 Diesel D5 AWD	[D5244T]	03.03-	113272	14 140				
		03.03-	115709	14 160				
	[D5244T11]	06.11-	115434	14 150		06.11-	113303	12 2.2
						06.11-	115588	12 2.2
						06.11-	116051	12 2.2
	[D5244T15]	06.11-	115434	14 150		06.11-	113303	12 2.2
						06.11-	115588	12 2.2
						06.11-	116051	12 2.2 A49
	[D5244T2]	03.03-	113272	14 140				
		03.03-	115709	14 160				
	[D5244T4]	05.05-	113272	14 140				
		10.07-	115412	14 180				
		10.07-	115434	14 150				
	[D5244T5]	08.02-	113272	14 140				
		03.03-	115709	14 160				
V70 2.5 AWD	[B5244T2]	03.99- 03.00	111894	14 115		03.99- 03.00	112818	12 1.4
		03.99- 03.00	112072	14 120				
	[B5254T2]	09.02- 12.04	112072	14 120		09.02- 12.04	112818	12 1.4
		09.02- 12.04	112078	14 120		09.02- 12.04	115641	12 1.4
		09.02- 12.04	113272	14 140				
		09.02- 12.04	115709	14 160				
V70 2.5 Turbo FlexFuel	[B5254T8]	05.08-	115412	14 180		05.08-	115641	12 1.4
		05.08-	115434	14 150				
V70 2.5 Turbo	[B5254T10]	01.10-	115434	14 150		01.10-	115641	12 1.4
	[B5254T2]	04.04-	112072	14 120		04.04-	112818	12 1.4
		04.04-	113272	14 140		04.04-	115641	12 1.4
		04.04-	115709	14 160				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VOLVO** *Continued*

	[B5254T6]	08.07- 08.07-	115412 115434	14 180 14 150		08.07-	115641	12 1.4
V70 2.5 Turbo AWD	[B5254T2]	09.02- 09.02- 09.02-	112072 113272 115709	14 120 14 140 14 160		09.02- 09.02-	112818 115641	12 1.4 12 1.4
V70 2.5 Turbo R AWD	[B5254T4]	03.03- 03.03- 03.03-	112072 113272 115709	14 120 14 140 14 160		03.03- 03.03-	112818 115641	12 1.4 12 1.4
V70 2.5 Turbo FlexiFuel	[B5254T11]	10.09- 10.09-	115412 115434	14 180 14 150		10.09-	115641	12 1.4
V70 2.5 TDi	[D5252T]	03.00- 01.97- 01.97- 01.97- 03.00	115709 111828 111894 113272	14 160 14 120 14 115 14 140				
V70 3.0 T6 AWD	[B6304T2] [B6304T4]					08.07- 04.11-	114746 114746	12 1.4 12 1.4
V70 3.2	[B6324S] [B6324S5]					08.07- 05.11-	114746 114746	12 1.4 12 1.4
V70 3.2 AWD	[B6324S5]					05.11-	114746	12 1.4
V90 2.9	[B6304G] [B6304S2]	01.97- 01.97-	112557 112557	14 120 14 120				
XC60 2.0 T5	[B4204T7]	09.10-	115908*	14 150		09.10-	113906	12 1.2
XC60 2.0 Turbo	[B4204T6]	03.10-	115908*	14 150		03.10-	113906	12 1.2
XC60 2.0	[D5204T7]	04.12-	115412	14 180		04.12- 04.12-	113303 115588	12 2.2 12 2.2
XC60 2.0 Diesel DRIVE	[D5204T2] [D5204T3]	03.10- 03.10- 03.10- 03.10-	115412 115434 115412 115434	14 180 14 150 14 180 14 150		03.10-	115588	12 2.2
XC60 2.4 Diesel	[D5244T11] [D5244T16] [D5244T17] [D5244T5]	06.11- 06.11- 05.08- 05.08- 05.08- 05.08- 05.08-	115412 115434 115412 115434 115412 115434 115412 115434	14 180 14 150 14 180 14 150 14 180 14 150 14 180 14 150		06.11- 06.11- 05.08- 05.08- 05.08- 05.08-	113303 115588 113303 115588 113303 115588 113303 115588	12 2.2 12 2.2 12 2.2 12 2.2 12 2.2 12 2.2 12 2.2 12 2.2
XC60 2.4 Diesel AWD	[D5244T12]	10.13-	115412	14 180		10.13- 10.13-	113303 115588	12 2.2 12 2.2
XC60 2.4 Diesel D5	[D5244T4]	05.08- 05.08-	115412 115434	14 180 14 150				
XC60 2.4 Diesel D5 AWD	[D5244T10] [D5244T11] [D5244T15] [D5244T23]	07.09- 07.09- 06.11- 06.11- 06.11- 06.11- 04.14- 04.14-	115412 115434 115412 115434 115412 115434 115412 115434	14 180 14 150 14 180 14 150 14 180 14 150 14 180 14 150		07.09- 07.09- 06.11- 06.11- 06.11- 06.11- 04.14- 04.14-	113303 115588 113303 115588 113303 115588 113303 115588	12 2.2 12 2.2 12 2.2 12 2.2 12 2.2 12 2.2 12 2.2 12 2.2
XC60 2.4 Diesel DRIVE	[D5244T14]	07.09- 07.09-	115412 115434	14 180 14 150		07.09- 07.09-	113303 115588	12 2.2 12 2.2
XC60 2.5 T5 AWD	[B5254T12]	04.14-	115412	14 180		04.14-	116052	12 1.4 A49
XC60 3.0	[B6304T2]					05.08-	114746	12 1.4
XC60 3.0 T6 4x4	[B6304T4]					03.10-	114746	12 1.4
XC60 3.0 T6 AWD	[B6304T4, B6304T3]					04.14-	114746	12 1.4
XC60 3.2 4x4	[B6324S5]					03.10-	114746	12 1.4
XC60 3.2 AWD	[B6324S]					07.09-	114746	12 1.4
XC70 2.0 Diesel	[D5204T2] [D5204T3]	08.11- 08.11- 08.11- 08.11-	115412 115434 115412 115434	14 180 14 150 14 180 14 150		08.11- 08.11- 08.11- 08.11-	113303 115588 113303 115588	12 2.2 12 2.2 12 2.2 12 2.2
XC70 2.0 Diesel AWD	[D5204T2]	08.11- 08.11-	115412 115434	14 180 14 150		08.11- 08.11-	113303 115588	12 2.2 12 2.2
XC70 2.4 Turbo AWD	[B5244T3]	03.00- 09.02 09.00- 09.00- AT 09.00-	115709 112072 113272 112078	14 160 14 120 14 140 14 120		09.00- 03.00- 09.02	112818 115641	12 1.4 12 1.4
XC70 2.4 Diesel	[D5244T10] [D5244T14]	12.09- 12.09- 01.10- 01.10-	115412 115434 115412 115434	14 180 14 150 14 180 14 150				
XC70 2.4 Diesel AWD	[D5244T] [D5244T12] [D5244T16] [D5244T17] [D5244T5]	09.02- 09.02- 10.13- 08.07- 08.07- 08.07- 08.07- 08.07- 08.07-	113272 115709 115412 115412 115434 115412 115434 115412 115434	14 140 14 160 14 180 14 180 14 150 14 180 14 150 14 180 14 150		10.13- 10.13- 10.13- 08.07- 08.07- 08.07- 08.07- 08.07- 08.07-	113303 115588 116051 113303 115588 116051 113303 115588 116051 113303 115588 116051	12 2.2 12 2.2 12 2.2 A49 12 2.2 12 2.2 12 2.2 A49 12 2.2 12 2.2 12 2.2 A49 12 2.2 12 2.2 A49
XC70 2.4 Diesel D5 AWD	[D5244T11] [D5244T15] [D5244T4]	06.11- 06.11- 06.11- 05.05- 08.07- 08.07-	115434 115434 115434 113272 115412 115434	14 150 14 150 14 150 14 140 14 180 14 150		06.11- 06.11- 06.11- 06.11- 08.07- 08.07-	113303 115588 116051 113303 115588 116051	12 2.2 12 2.2 12 2.2 A49 12 2.2 12 2.2 12 2.2 A49
XC70 2.5 Turbo AWD	[B5254T2]	09.02- 09.02-	113272 115709	14 140 14 160		09.02-	112818	12 1.4

## STARTERS & ALTERNATORS



XC70 3.0 AWD	[B6304T2]					01.08-	114746	12	1.4
XC70 3.0 T6 AWD	[B6304T4]					01.10-	114746	12	1.4
XC70 3.2	[B6324S5]					08.07-	114746	12	1.4
XC70 3.2 AWD	[B6324S]					08.07-	114746	12	1.4
	[B6324S5]					08.07-	114746	12	1.4
XC90 2.4 Diesel	[D5244T]	10.02-	113272	14	140				
		10.02-	115709	14	160				
	[D5244T5]	10.02-	113272	14	140	10.02-	113303	12	2.2
		10.02-	113754	14	120				
		10.02-	114312	14	140				
		10.02-	115708	14	160				
		10.02-	115709	14	160				
XC90 2.4 Diesel D5	[D5244T]	01.03-	115709	14	160				
	[D5244T18]	01.11-	114312	14	140	01.11-	113303	12	2.2
XC90 2.4 Diesel D5 AWD	[D5244T5]	10.07-	114312	14	140	10.07-	113303	12	2.2
		10.07-	115708	14	160				
XC90 2.5 AWD	[B5254T9]	10.12-	115412	14	180	10.12-	116052	12	1.4
XC90 2.5 Turbo	[B5254T2]	10.02-	115709	14	160	10.02-	115641	12	1.4
		AC 10.02-	113272	14	140	10.02-	112818	12	1.4
XC90 3.0 Turbo	[B6294T]	10.02-	113272	14	140 ▲				
		10.02-	115709	14	160				
XC90 3.2	[B6324S]					05.06-	114746	12	1.4
	[B6324S5]					04.10-	114746	12	1.4
XC90 4.4	[B8444S]	01.05-	115753	14	180				
<b>PASSENGER CARS US</b>									
122 1.8 S	[B18]					01.68- 01.68	111054	12	1.1
						01.62- 01.67	111054	12	1.1
142 1.8 S	[B18]					01.68- 01.68	111054	12	1.1
142 2.0	[B20B]					01.70- 01.71	111054	12	1.1
	[B20E]					01.72- 01.74	111054	12	1.1
142 2.0 E	[B20B]					01.71- 01.71	111054	12	1.1
142 2.0 GL	[B20E]					01.74- 01.74	111054	12	1.1
142 2.0 S	[B20B]					01.69- 01.69	111054	12	1.1
144 1.8 S	[B18]					01.68- 01.68	111054	12	1.1
						01.67- 01.67	111054	12	1.1
144 2.0	[B20B]					01.70- 01.71	111054	12	1.1
	[B20E]					01.72- 01.74	111054	12	1.1
144 2.0 GL	[B20E]					01.74- 01.74	111054	12	1.1
144 2.0 S	[B20B]					01.69- 01.69	111054	12	1.1
145 1.8 S	[B18]					01.68- 01.68	111054	12	1.1
						01.70- 01.71	111054	12	1.1
145 2.0	[B20B]					01.70- 01.71	111054	12	1.1
	[B20E]					01.72- 01.74	111054	12	1.1
145 2.0 S	[B20B]					01.69- 01.69	111054	12	1.1
164 3.0	[B30A]					01.70- 01.71	111054	12	1.1
	[B30E]					01.72- 01.75	111054	12	1.1
164 3.0 E	[B30E]					01.73- 01.74	111054	12	1.1
240 2.3	[B230F]	01.90- 01.93	112746	14	80	01.90- 01.93	111489	12	1.4
240 2.3 DL	[B230F]	01.90- 01.90	112746	14	80	01.90- 01.90	111489	12	1.4
240 2.3 GL	[B230F]	01.92- 01.92	112746	14	80	01.92- 01.92	111489	12	1.4
240 2.3 SE	[B230F]	01.91- 01.91	112746	14	80	01.91- 01.91	111489	12	1.4
242 2.0 GL	[B20E]					01.75- 01.75	111054	12	1.1
242 2.1	[B21F]					01.76- 01.79	111054	12	1.1
		01.81- 01.81	111085	14	55	01.81- 01.81	111054	12	1.1
242 2.1 DL	[B21F]	01.80- 01.82	111085	14	55	01.80- 01.82	111054	12	1.1
		01.83- 01.83	111085	14	55	01.83- 01.83	111054	12	1.1
242 2.1 GL	[B21F]	01.81- 01.81	111085	14	55	01.81- 01.81	111054	12	1.1
242 2.1 GLT		01.82- 01.82	111085	14	55	01.82- 01.82	111054	12	1.1
242 2.1 Turbo	[B21FT]	01.81- 01.81	111085	14	55	01.81- 01.81	111054	12	1.1
242 2.1 Turbo GLT	[B21FT]	01.81- 01.84	111085	14	55	01.81- 01.84	111054	12	1.1
242 2.3 DL	[B23F]	01.83- 01.84	111085	14	55	01.83- 01.84	111054	12	1.1
242 2.3 GLT		01.82- 01.83	111085	14	55	01.83- 01.83	111054	12	1.1
244 2.0 GL	[B20E]					01.75- 01.75	111054	12	1.1
244 2.1	[B21F]					01.76- 01.78	111054	12	1.1
		01.81- 01.81	111085	14	55	01.81- 01.81	111054	12	1.1
244 2.1 DL	[B21F]	01.79- 01.82	111085	14	55	01.79- 01.82	111054	12	1.1
		01.83- 01.84	111085	14	55	01.83- 01.84	111054	12	1.1
244 2.1 GL	[B21F]	01.82- 01.82	111085	14	55	01.82- 01.82	111054	12	1.1
244 2.1 Turbo GLT	[B21FT]	01.82- 01.84	111085	14	55	01.82- 01.84	111054	12	1.1
244 2.3 DL	[B230F]	01.85- 01.89	112746	14	80	01.85- 01.89	111489	12	1.4
						01.85- 01.89	111054	12	1.1
	[B23F]	01.83- 01.84	111085	14	55	01.83- 01.84	111054	12	1.1
244 2.3 GL	[B230F]	01.85- 01.89	112746	14	80	01.85- 01.89	111489	12	1.4
						01.85- 01.89	111054	12	1.1
	[B23F]	01.84- 01.84	111085	14	55	01.84- 01.84	111054	12	1.1
		01.82- 01.83	111085	14	55	01.83- 01.83	111054	12	1.1
244 2.3 GLT		01.82-	111085	14	55				
244 2.4 DL	[D24]	01.82- 01.84	110881	14	55	01.82- 01.84	111120	12	2.2
244 2.4 GL	[D24]	01.82- 01.84	110881	14	55	01.82- 01.84	111120	12	2.2
245 2.0	[B20E]					01.75- 01.75	111054	12	1.1
245 2.1	[B21F]					01.76- 01.78	111054	12	1.1
		01.81- 01.81	111085	14	55	01.81- 01.81	111054	12	1.1
245 2.1 DL	[B21F]	01.79- 01.82	111085	14	55	01.79- 01.82	111054	12	1.1
		01.83- 01.84	111085	14	55	01.83- 01.84	111054	12	1.1
245 2.1 GL	[B21F]	01.82- 01.82	111085	14	55	01.82- 01.82	111054	12	1.1
245 2.1 Turbo	[B21FT]	01.85- 01.85	111085	14	55	01.85- 01.85	111054	12	1.1
245 2.1 Turbo GLT	[B21FT]	01.81- 01.84	111085	14	55	01.81- 01.84	111054	12	1.1
245 2.3	[B230F]	01.85- 01.85	112746	14	80	01.85- 01.85	111054	12	1.1
						01.85- 01.85	111489	12	1.4
	[B23F]	01.84- 01.84	111085	14	55	01.84- 01.84	111054	12	1.1
245 2.3 DL	[B230F]	01.86- 01.89	112746	14	80	01.86- 01.89	111054	12	1.1
						01.86- 01.89	111489	12	1.4
	[B23F]	01.83- 01.83	111085	14	55	01.83- 01.83	111054	12	1.1
245 2.3 GL	[B230F]	01.86- 01.89	112746	14	80	01.86- 01.89	111054	12	1.1
						01.86- 01.89	111489	12	1.4
	[B23F]	01.83- 01.83	111085	14	55	01.83- 01.83	111054	12	1.1
		01.82-	111085	14	55				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**VOLVO** *Continued*

245 2.4	[D24]	01.84- 01.84	110881	14 55	01.84- 01.84	111120	12 2.2
245 2.4 DL	[D24]	01.82- 01.82	110881	14 55	01.82- 01.82	111120	12 2.2
245 2.4 GL	[D24]	01.83- 01.83	110881	14 55	01.83- 01.83	111120	12 2.2
264 2.4 GL	[D24]				01.80- 01.81	110368	12 2.3
264 2.4 GLE	[D24]				01.80- 01.80	110368	12 2.3
265 2.4 GLE	[D24]				01.80- 01.80	110368	12 2.3
544 1.8					01.62- 01.65	111054	12 1.1
740 2.3	[B230F]	01.90- 01.92	112746	14 80	01.90- 01.92	111489	12 1.4
740 2.3 GL	[B230F]	01.89- 01.90	112746	14 80	01.89- 01.90	111489	12 1.4
740 2.3 GLE	[B230F]	01.87- 01.89	112746	14 80	01.87- 01.89	111489	12 1.4
	[B234F]				01.85- 01.86	111054	12 1.1
	[B230FT]				01.90- 01.90	111489	12 1.4
740 2.3 Turbo	[B230FT]				01.89- 01.92	111489	12 1.4
740 2.3 Turbo GLE	[B230FT]				01.86- 01.88	111489	12 1.4
740 2.3 Turbo SE	[B230FT]				01.91- 01.91	111489	12 1.4
740 2.4 Turbo GLE	[D24T]	01.86- 01.86	110881	14 55	01.86- 01.86	111120	12 2.2
745 2.3 GLE	[B230F]				01.85- 01.85	111054	12 1.1
745 2.3 Turbo GLE	[B230FT]				01.85- 01.85	111054	12 1.1
745 2.4 Turbo GLE	[D24T]	01.85- 01.85	110881	14 55	01.85- 01.85	111120	12 2.2
760 2.3 Turbo	[B230FT]	01.89- 01.90	112746	14 80	01.89- 01.90	111489	12 1.4
					01.85- 01.85	111054	12 1.1
760 2.3 Turbo GLE	[B230FT]	01.88- 01.88	112746	14 80	01.88- 01.88	111489	12 1.4
	[B23FT]				01.85- 01.87	111054	12 1.1
	[D24]	01.83- 01.84	110881	14 55	01.83- 01.84	111120	12 2.2
760 2.4 Turbo GLE	[D24T]	01.83- 01.85	110881	14 55	01.83- 01.85	111120	12 2.2
780 2.3 Turbo	[B230FT]				01.89- 01.90	111489	12 1.4
850 2.3 Turbo	[B5234FT]				01.94- 01.94	112818	12 1.4
					01.95- 01.96	112818	12 1.4
850 2.3 Turbo R					01.97- 01.97	112818	12 1.4
850 2.4	[B5254FS]				01.93- 01.94	112818	12 1.4
850 2.4 GLT	[B5254FS]				01.95- 01.96	112818	12 1.4
940 2.3	[B230FD]	01.94- 01.95	112746	14 80	01.94- 01.95	111489	12 1.4
940 2.3 GLE	[B230F]				01.91- 01.91	111489	12 1.4
940 2.3 Turbo	[B230FT]				01.91- 01.95	111489	12 1.4
					01.92- 01.92	111489	12 1.4
940 2.3 Turbo SE	[B230FT]				01.91- 01.91	111489	12 1.4
960 2.9	[B6304F]	01.92- 01.97	112557	14 120			
1800 1.8	[B18B]				01.67- 01.67	111054	12 1.1
1800 1.8 S	[B18]				01.62- 01.65	111054	12 1.1
1800 2.0 E	[B20E]				01.68- 01.68	111054	12 1.1
1800 2.0 ES	[B20E]				01.70- 01.72	111054	12 1.1
1800 2.0 S	[B20B]				01.72- 01.73	111054	12 1.1
C70 2.3 Turbo	[B5234T3]	01.00- 01.03	112072	14 120	01.69- 01.69	111054	12 1.1
C70 2.4 Turbo	[B5244T]	01.02- 01.02	112072	14 120	01.02- 01.03	112818	12 1.4
	[B5244T3]	01.03-	112072	14 120	01.02- 01.02	112818	12 1.4
DL 2.1	[B21A]	01.84- 01.84	111085	14 55	01.84- 01.84	111054	12 1.1
GLE 2.3	[B23F-LH]	01.84- 01.84	111085	14 55	01.84- 01.84	111054	12 1.1
S60 2.3 Turbo	[B5234FT]	01.01- 01.01	112072	14 120			
		01.01- 01.01	112078	14 120			
S60 2.3 Turbo T5	[B5234T3]	01.02- 01.03	112072	14 120	01.02- 01.03	112818	12 1.4
		01.02- 01.03	112078	14 120			
S60 2.4	[B5244S]	01.01-	112072	14 120	01.02- 01.03	112818	12 1.4
		01.01-	112078	14 120			
S60 2.4 Turbo	[B5244T3]	01.01-	112072	14 120	01.02- 01.02	112818	12 1.4
		01.01-	112078	14 120			
S60 2.5 AWD	[B5254T4]	09.03- 04.10	112072	14 120	09.03- 04.10	115641	12 1.4
		09.03- 04.10	112078	14 120			
		09.03- 04.10	113272	14 140			
		09.03- 04.10	114312	14 140			
		09.03- 04.10	115709	14 160			
S70 2.4	[B5254FS]	01.99- 01.00	112072	14 120			
S70 2.4 Turbo		01.99- 01.00	112072	14 120			
S80 2.8 Turbo	[B6284T]	01.99- 01.03	112078	14 120			
S80 2.9	[B6294S]	01.00-	112078	14 120			
	[B6304S3]	01.99-	112078	14 120			
V70 2.3 Turbo	[B5234FT]	01.99- 01.01	112072	14 120			
	[B5234T3]	01.01-	112072	14 120			
V70 2.3 Turbo T5	[B5234T3]	01.02- 01.03	112072	14 120	01.02- 01.03	112818	12 1.4
V70 2.4	[B5244S]	01.01- 01.03	112072	14 120	01.02- 01.03	112818	12 1.4
		01.01- 01.03	112078	14 120			
	[B5244S6]	01.03-	115709	14 160			
	[B5254FS]	01.99- 01.00	112072	14 120			
V70 2.4 Turbo	[B5234T3]	01.99-	112072	14 120			
	[B5244T2]	01.00-	112072	14 120			
	[B5244T3]	01.01- 01.02	112072	14 120	01.02- 01.02	112818	12 1.4
		01.01- 01.02	112078	14 120			
	[B5254T]	01.99-	112072	14 120			
V70 2.4 Turbo X/C	[B5244T3]	01.02- 01.02	112072	14 120	01.02- 01.02	112818	12 1.4
		01.02- 01.02	112078	14 120			
V70 2.4 Turbo X/C AWD	[B5244T3]	01.01-	112072	14 120			
		01.01-	112078	14 120			
	[B5254T]	01.99-	112072	14 120			
XC90 2.5 Turbo	[B5254T2]	01.03-	115709	14 160			
<b>PASSENGER CARS AO</b>							
740 2.0 GLE	[B19E]				08.83- 07.84	111054	12 1.1
740 2.0 Turbo	[B200E]	05.85- 07.86	111085	14 55	08.85- 07.92	111489	12 1.4
740 2.3 Turbo	[B230GT]				09.89- 08.91	111489	12 1.4
760 2.3 Turbo	[B230FT]				09.87- 08.90	111489	12 1.4
850 2.0 Turbo	[B5204T2]	01.91- 08.97	112557	14 120	09.93- 07.97	112818	12 1.4
850 2.3 T5 R	[B5234T2]				04.96- 10.96	112818	12 1.4
850 2.3 T5R	[B5234T2]				04.96- 10.96	112818	12 1.4
850 2.3 Turbo R	[B5234T5]	06.95- 10.97	112557	14 120	06.95- 10.97	112818	12 1.4
850 2.4 GLE	[B5254T]	09.96- 07.97	112557	14 120	09.93- 10.97	112818	12 1.4
940 2.0	[B200G]				09.90- 09.93	111489	12 1.4



V A !



V kW !

940 2.0 GL	[B204E]					09.90- 04.92	111489	12	1.4
940 2.3	[B230GK]					10.94- 05.97	111489	12	1.4
960 2.3 Turbo	[B230FT]					09.90- 08.93	111489	12	1.4
S 60 2.4 AWD	[B5244T5]	02.04-	115709	14	160	02.04-	115641	12	1.4
		04.04- 07.04	113272	14	140				
S40 1.8						06.01- 08.03	113605	12	1.1
S40 2.0	[B4204S3]					03.06-	113906	12	1.2
S40 2.4 Diesel	[D5244T13]	03.06-	114810	14	150	03.06-	113303	12	2.2
		03.06-	115606	14	150				
	[D5244T8]	03.06-	114810	14	150	03.06-	113303	12	2.2
		03.06-	115606	14	150				
S60 2.3 T5	[B5234T7]	07.00- 09.02	115709	14	160	07.00- 09.02	115641	12	1.4
		11.00- 09.02	112072	14	120				
		11.00- 09.02	113272	14	140				
S60 2.4	[B5244T4]	01.05- 10.06	113272	14	140	01.05- 10.06	115641	12	1.4
		01.05- 10.06	114312	14	140				
		01.05- 10.06	115709	14	160				
S60 2.4 Turbo	[B5244T]	01.01- 04.10	113272	14	140	01.01- 04.10	115641	12	1.4
		01.01- 04.10	114312	14	140				
		01.01- 04.10	115709	14	160				
S70 2.3 T5 GLT AWD	[B5234T3]	08.98- 07.00	112072	14	120				
S70 2.3 T5 R AWD	[B5234T2]	08.98- 07.00	112072	14	120				
S70 2.4 T5 Sport AWD	[B5254T]	08.98- 04.99	112072	14	120				
S80 2.0 TDi	[D4204T]	02.08-	115365	14	150	02.08-	113911	12	2.2 A49
S80 2.3 R	[B5234T7]	04.00- 08.05	115709	14	160				
S80 2.4 LTP	[B5244T4]	06.04- 07.06	112072	14	120	06.04- 07.06	112818	12	1.4
		06.04- 07.06	112078	14	120				
		06.04- 07.06	113272	14	140				
		06.04- 07.06	115709	14	160				
S80 2.5 Turbo AWD	[B5254T6]	10.06-	115412	14	180				
		10.06-	115434	14	150				
V50 2.4 TDi	[D5244T9]	05.07-	115606	14	150	05.07-	113303	12	2.2
V60 2.0	[B5204T9]	11.13-	115412	14	180	11.13-	116052	12	1.4 A49
						11.13-	115641	12	1.4
V70 2.3 AWD	[B5234T7]	10.00- 09.04	112072	14	120	10.00- 09.04	115641	12	1.4
	[B5234T8]	10.00- 09.04	112072	14	120	10.00- 09.04	115641	12	1.4
V70 2.4		03.00- 09.03	112072	14	120	03.00- 09.03	115641	12	1.4
		03.00- 09.03	113272	14	140				
		03.00- 09.03	115709	14	160				
V70 2.5 R Sport	[B5254T4]	12.02-	115709	14	160	12.02-	115641	12	1.4
		03.03- 07.04	112072	14	120				
		03.03- 07.07	113272	14	140				
<b>TRUCKS EU</b>									
420 12.8	[D13C420]					05.12-	114872	24	5.5
	[D13K420]					05.12-	115875	24	5.5
						05.12-	114872	24	5.5
						05.12-	115875	24	5.5
460 12.8	[D13C460]					05.12-	114872	24	5.5
	[D13K460]					05.12-	115875	24	5.5
						05.12-	114872	24	5.5
						05.12-	115875	24	5.5
500 12.8	[D13C500]					05.12-	114872	24	5.5
	[D13K500]					05.12-	115875	24	5.5
						05.12-	114872	24	5.5
						05.12-	115875	24	5.5
540 12.8	[D13C540]					05.12-	114872	24	5.5
	[D13K540]					05.12-	115875	24	5.5
						05.12-	114872	24	5.5
						05.12-	115875	24	5.5
8700 12.1	[DH12D340]	01.99-	114212	28	110	A10 01.99-	114872	24	5.5 MI
		01.99-	114846	28	130	01.99-	115875	24	5.5 A49
		11.99-	115488	28	110 A49				
		MI 01.99-	114880	28	110 MI				
	[DH12D380]	01.99-	114212	28	110	A10 01.99-	114872	24	5.5 MI
		01.99-	114846	28	130	01.99-	115875	24	5.5 A49
		11.99-	115488	28	110 A49				
		MI 01.99-	114880	28	110 MI				
	[DH12E340]	01.99-	114212	28	110	A10 01.99-	114872	24	5.5 MI
		01.99-	114846	28	130	01.99-	115875	24	5.5 A49
		11.99-	115488	28	110 A49				
		MI 01.99-	114880	28	110 MI				
	[DH12E380]	01.99-	114212	28	110	A10 01.99-	114872	24	5.5 MI
		01.99-	114846	28	130	01.99-	115875	24	5.5 A49
		11.99-	115488	28	110 A49				
		MI 01.99-	114880	28	110 MI				
9700 12.1	[DH12D340]	04.01-	111746	28	80	04.01-	115875	24	5.5 A49
		04.01-	112343	28	140	04.01-	113830	24	5.5
		04.01-	114846	28	130	04.01-	115884	24	5.5 A49
		04.01-	115488	28	110 A49	A10 04.01-	114872	24	5.5 MI
		10.01-	114212	28	110				
		MI 04.01-	114880	28	110 MI				
	[DH12D380]	04.01-	114212	28	110	A10 04.01-	114872	24	5.5 MI
		10.01-	111746	28	80	04.01-	115875	24	5.5 A49
		10.01-	112343	28	140	10.01-	113830	24	5.5
		10.01-	114846	28	130	10.01-	115884	24	5.5 A49
		10.01-	115488	28	110 A49				
		MI 10.01-	114880	28	110 MI				
	[DH12D420]	04.01-	114212	28	110	A10 04.01-	114872	24	5.5 MI
		10.01-	111746	28	80	04.01-	115875	24	5.5 A49
		10.01-	112343	28	140				
		10.01-	114846	28	130				
		10.01-	115488	28	110 A49				
		MI 10.01-	114880	28	110 MI				
	[DH12E460]	10.07-	114212	28	110				
9900 12.1	[DH12D420]	10.01-	114212	28	110	A10 10.01-	114872	24	5.5 MI
						10.01-	115875	24	5.5 A49

## STARTERS &amp; ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

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B 12 12.0	[TD122FH]	01.92- 10.95	111658	28 55	PR	01.92- 10.95	110207	24	5.4
		01.92- 10.95	112345	28 55					
		01.92- 10.95	112784	28 45					
		01.92- 10.95	112803	28 80					
	[TD122FL]	01.92- 10.95	111658	28 55	PR	01.92- 10.95	110207	24	5.4
		01.92- 10.95	112345	28 55					
		01.92- 10.95	112784	28 45					
		01.92- 10.95	112803	28 80					
	[TD123ES]	01.92- 10.95	111658	28 55	PR	01.92- 10.95	110207	24	5.4
		01.92- 10.95	112345	28 55					
		01.92- 10.95	112803	28 80					
	B 12 12.1	[D12A420]	10.95-	111631	28 55				
[D12C420]		02.06-	114212	28 110		A10 02.06-	114872	24	5.5 MI
		02.06-	114846	28 130		02.06-	115875	24	5.5 A49
		02.06-	115488	28 110 A49					
		MI 02.06-	114880	28 110 MI					
[D12D420]		02.06-	114212	28 110		A10 02.06-	114872	24	5.5 MI
		02.06-	114846	28 130		02.06-	115875	24	5.5 A49
		02.06-	115488	28 110 A49					
		MI 02.06-	114880	28 110 MI					
[DH12D340]		02.06-	114212	28 110		A10 02.06-	114872	24	5.5 MI
		02.06-	114846	28 130		02.06-	115875	24	5.5 A49
		02.06-	115488	28 110 A49					
		MI 02.06-	114880	28 110 MI					
[DH12E340]		02.06-	114212	28 110		A10 02.06-	114872	24	5.5 MI
		02.06-	114846	28 130		02.06-	115875	24	5.5 A49
		02.06-	115488	28 110 A49					
		MI 02.06-	114880	28 110 MI					
[DH12E380]		02.06-	114212	28 110		A10 02.06-	114872	24	5.5 MI
		02.06-	114846	28 130		02.06-	115875	24	5.5 A49
		02.06-	115488	28 110 A49					
		MI 02.06-	114880	28 110 MI					
[DH12E420]		02.06-	114212	28 110		A10 02.06-	114872	24	5.5 MI
		02.06-	114846	28 130		02.06-	115875	24	5.5 A49
		02.06-	115488	28 110 A49					
	MI 02.06-	114880	28 110 MI						
[DH12E460]	02.06-	114212	28 110		A10 02.06-	114872	24	5.5 MI	
	02.06-	114846	28 130		02.06-	115875	24	5.5 A49	
	02.06-	115488	28 110 A49						
	MI 02.06-	114880	28 110 MI						
B10M 9.6	[THD100DA]						110208	24	5.4
	[THD100DC]						110208	24	5.4
	[THD100DD]						110208	24	5.4
	[THD100EA]						110208	24	5.4
F 10/260 9.6	[TD100G]	02.82- 06.85	110112	28 40		02.82- 06.85	110207	24	5.4
		02.82- 06.85	111528	28 55	DR				
		02.82- 06.85	112742	14 90					
		11.83- 06.85	113477	28 55	PR				
	[TD100GA]	02.82- 06.85	110112	28 40					
		02.82- 06.85	111528	28 55	DR				
		02.82- 06.85	112742	14 90					
		11.83- 06.85	113477	28 55	PR				
	[TD101G]	02.82- 06.85	110112	28 40		02.82- 06.85	110207	24	5.4
		02.82- 06.85	111528	28 55	DR				
		01.83- 06.85	113477	28 55	PR				
	F 10/280 9.6	[TD100B]	08.77- 02.82	110112	28 40		08.77- 02.82	110205	24
[TD101F]		10.83- 12.86	110112	28 40		10.83- 05.88	110207	24	5.4
F 10/300 9.6		10.83- 12.86	111528	28 55	DR				
		11.83- 01.86	113477	28 55	PR				
		02.86- 05.88	111658	28 55	PR				
		02.86- 05.88	112345	28 55	BO				
		02.86- 05.88	112784	28 45					
	[TD101FA]	10.83- 01.86	110112	28 40		10.83- 05.88	110207	24	5.4
		10.83- 12.86	111528	28 55	DR				
		11.83- 01.86	113477	28 55	PR				
		02.86- 05.88	111658	28 55	PR				
		02.86- 05.88	112345	28 55	BO				
		02.86- 05.88	112784	28 45					
	F 10/320 9.6	[TD102F]	10.87- 12.94	111528	28 55	DR	10.87- 12.94	110207	24
		10.87- 12.94	111658	28 55	PR				
		10.87- 12.94	112345	28 55	BO				
		10.87- 12.94	112784	28 45					
[TD102FBQ]		10.87- 12.94	111528	28 55	DR	10.87- 12.94	110207	24	5.4
		10.87- 12.94	111658	28 55	PR				
		10.87- 12.94	112345	28 55	BO				
		10.87- 12.94	112784	28 45					
[TD102FDQ]		10.87- 12.94	111528	28 55	DR	10.87- 12.94	110207	24	5.4
		10.87- 12.94	111658	28 55	PR				
		10.87- 12.94	112345	28 55	BO				
		10.87- 12.94	112784	28 45					
[TD102FF]		10.87- 12.94	111528	28 55	DR	10.87- 12.94	110207	24	5.4
		10.87- 12.94	111658	28 55					
		10.87- 12.94	112345	28 55					
		10.87- 12.94	112784	28 45					
[TD102FL]		10.87- 12.94	111528	28 55	DR	10.87- 12.94	110207	24	5.4
		10.87- 12.94	111658	28 55	PR				
		10.87- 12.94	112345	28 55	BO				
		10.87- 12.94	112784	28 45					
[TD102FM]		10.87- 12.94	111528	28 55	DR	10.87- 12.94	110207	24	5.4
		10.87- 12.94	111658	28 55					
		10.87- 12.94	112345	28 55					
		10.87- 12.94	112784	28 45					
[TD103ES]	10.87- 12.94	111528	28 55	DR	10.87- 12.94	110207	24	5.4	
	08.91- 12.94	111658	28 55						
	08.91- 12.94	112345	28 55						
	08.91- 12.94	112784	28 45						

## STARTERS & ALTERNATORS



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F 12/320 12.0	[TD120G]	08.77- 10.84	110112	28	40		08.77- 12.86	110205	24	6.5		
		08.77- 12.86	111528	28	55	DR						
		11.83- 10.84	113477	28	55	PR						
	[TD121G]	08.77- 12.87	111528	28	55	DR	08.77- 12.87	110205	24	6.5		
		10.83- 01.86	110112	28	40		02.87- 05.88	110207	24	5.4		
		11.83- 01.86	113477	28	55	PR						
		02.86- 05.88	111658	28	55	PR						
		02.86- 05.88	112345	28	55	BO						
		02.86- 05.88	112784	28	45							
	[TD121GD]	08.77- 12.86	111528	28	55	DR	02.87- 12.94	110207	24	5.4		
		10.83- 01.86	110112	28	40		08.77- 01.87	110205	24	6.5		
		11.83- 12.94	113477	28	55	PR						
		02.86- 12.94	111658	28	55	PR						
		02.86- 12.94	112345	28	55	BO						
		02.86- 12.94	112784	28	45							
05.88- 12.94		112803	28	80								
F 12/330 12.0	[TD120G]	08.77- 10.84	110112	28	40		08.77- 12.86	110205	24	6.5		
		08.77- 12.86	111528	28	55	DR						
		08.77- 12.86	111528	28	55	DR	02.87- 05.88	110207	24	5.4		
	[TD121G]	09.80- 01.86	110112	28	40		08.77- 01.87	110205	24	6.5		
		02.86- 05.88	112345	28	55							
		02.86- 05.88	112784	28	45							
		[TD121GD]	08.77- 12.86	111528	28	55	DR	02.87- 12.94	110207	24	5.4	
			10.83- 01.86	110112	28	40		08.77- 01.87	110205	24	6.5	
			02.86- 12.94	112345	28	55						
	[TD121GD]	02.86- 12.94	112784	28	45							
		05.88- 12.94	112803	28	80							
		F 12/360 12.0	[TD122F]	10.87- 12.94	111658	28	55	PR	10.87- 12.94	110207	24	5.4
				10.87- 12.94	112345	28	55	BO				
				10.87- 12.94	112784	28	45					
				01.88- 12.94	111528	28	55	DR				
01.88- 12.94				112803	28	80						
[TD122FH]	01.88- 12.94		111528	28	55	DR	01.90- 12.94	110207	24	5.4		
	01.90- 12.94		111658	28	55	PR						
	01.90- 12.94		112345	28	55	BO						
	01.90- 12.94		112784	28	45							
	01.90- 12.94		112803	28	80							
F 12/370 12.0	[TD121F]		08.77- 12.87	111528	28	55	DR	02.87- 05.88	110207	24	5.4	
			10.83- 01.86	110112	28	40		10.83- 01.87	110205	24	6.5	
			11.83- 01.86	113477	28	55	PR					
			02.86- 05.88	111658	28	55	PR					
			02.86- 05.88	112345	28	55	BO					
		02.86- 05.88	112784	28	45							
F 12/400 12.0	[TD122FL]	01.88- 12.94	111528	28	55	DR	10.87- 12.94	110207	24	5.4		
		01.88- 12.94	111658	28	55	PR						
		01.88- 12.94	112345	28	55	BO						
		01.88- 12.94	112784	28	45							
		01.88- 12.94	112803	28	80							
	[TD122FS]	10.87- 12.94	111658	28	55	PR	10.87- 12.94	110207	24	5.4		
		10.87- 12.94	112345	28	55	BO						
		10.87- 12.94	112784	28	45							
		10.87- 12.94	112803	28	80							
		01.88- 12.94	111528	28	55	DR						
	[TD123ES]	01.88- 12.94	111528	28	55	DR	01.88- 12.94	110207	24	5.4		
		01.88- 12.94	111658	28	55	PR						
		01.88- 12.94	112345	28	55	BO						
		01.88- 12.94	112803	28	80							
		F 12/410 12.0	[TD122FL]	01.88- 12.94	111528	28	55	DR	01.88- 12.94	110207	24	5.4
01.88- 09.01	111658			28	55	PR						
10.89- 09.01	112345			28	55							
10.89- 09.01	112784			28	45							
10.89- 09.01	112803			28	80							
[TD122FS]	11.87- 09.01		111658	28	55	PR	11.87- 12.94	110207	24	5.4		
	11.87- 09.01		112345	28	55							
	11.87- 09.01		112784	28	45							
	11.87- 09.01		112803	28	80							
	01.88- 12.94		111528	28	55	DR						
[TD123ES]	01.88- 12.94		111528	28	55	DR	01.88- 12.94	110207	24	5.4		
	01.92- 12.94		111658	28	55							
	01.92- 12.94		112345	28	55							
	01.92- 12.94		112784	28	45							
	01.92- 12.94		112803	28	80							
F 16/470 16.1	[TD162F]	01.88- 12.89	111528	28	55	DR	01.88- 12.94	110999	24			
		01.88- 12.94	111658	28	55	PR						
		01.88- 12.94	112345	28	55	BO						
		01.88- 12.94	112784	28	45	BO						
		01.88- 12.94	112803	28	80							
	[TD162FJ]	01.88- 12.89	111528	28	55	DR	01.88- 12.94	110999	24			
		01.88- 12.94	111658	28	55	PR						
		01.88- 12.94	112345	28	55	BO						
		01.88- 12.94	112784	28	45	BO						
		01.88- 12.94	112803	28	80							
	[TD162FL]	01.88- 12.89	111528	28	55	DR	01.88- 12.94	110999	24			
		01.88- 12.94	111658	28	55	PR						
		01.88- 12.94	112345	28	55	BO						
		01.88- 12.94	112784	28	45	BO						
		01.88- 12.94	112803	28	80							
[TD162FS]	01.88- 12.89	111528	28	55	DR	01.88- 12.94	110999	24				
	01.88- 12.94	111658	28	55	PR							
	01.88- 12.94	112345	28	55	BO							
	01.88- 12.94	112784	28	45	BO							
	01.88- 12.94	112803	28	80								

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O.E.M. names and numbers are used for reference purposes only.





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F 16/485 16.1	[TD162F]	10.87- 12.94	111658	28 55	PR	10.87- 12.94	110999	24	
		10.87- 12.94	112345	28 55	BO				
		10.87- 12.94	112784	28 45					
		10.87- 12.94	112803	28 80					
		01.90- 12.92	111528	28 55	DR				
	[TD162FJ]	10.87- 12.94	111658	28 55	PR	10.87- 12.94	110999	24	
		10.87- 12.94	112345	28 55	BO				
		10.87- 12.94	112784	28 45					
		10.87- 12.94	112803	28 80					
		01.90- 12.92	111528	28 55	DR				
	[TD162FL]	10.87- 12.94	111658	28 55	PR	10.87- 12.94	110999	24	
		10.87- 12.94	112345	28 55	BO				
		10.87- 12.94	112784	28 45					
		10.87- 12.94	112803	28 80					
		01.90- 12.92	111528	28 55	DR				
	[TD162FS]	10.87- 12.94	111658	28 55	PR	10.87- 12.94	110999	24	
		10.87- 12.94	112345	28 55	BO				
		10.87- 12.94	112784	28 45					
		10.87- 12.94	112803	28 80					
		01.90- 12.92	111528	28 55	DR				
F 16/500 16.1	[TD163ES]	01.92- 12.94	112803	28 80		01.92- 12.94	110999	24	
F 406 3.9	[D39B]	09.75- 02.86	112742	14 90		09.75- 02.86	111793	12 3.0	
F 408 3.6	[TD40A]	04.78- 02.86	112742	14 90		04.78- 02.86	111047	12 3.1	
F 609 5.5	[D60A]					03.75- 01.80	110519	12 3.0	
F 610 5.5	[TD60C]	02.80- 10.86	111528	28 55	DR	02.80- 10.86	115623*	24 4.0	BO
		02.80- 10.80	112742	14 90		02.80- 10.86	114047	24 4.0	
		11.80- 01.86	110112	28 40		02.80- 10.86	110519	12 3.0	
		11.80- 01.86	113477	28 55	PR	11.80- 02.86	111638	24 4.0	
		02.86- 10.86	111658	28 55	PR				
		02.86- 10.86	112345	28 55	BO				
		02.86- 10.86	112784	28 45					
F 611 5.5	[D60A]					09.75- 01.80	110519	12 3.0	
	[TD60C]	02.80- 02.86	111528	28 55	DR	11.80- 02.86	111638	24 4.0	
F 612 5.5	[TD60C]	02.80- 10.80	112742	14 90		02.80- 10.80	110519	12 3.0	
		11.80- 02.86	110112	28 40		02.80- 02.86	115623*	24 4.0	BO
		11.80- 02.86	112345	28 55		02.80- 02.86	114047	24 4.0	
		11.80- 02.86	113477	28 55	PR				
		01.86- 02.86	111658	28 55					
		01.86- 02.86	112784	28 45					
		11.80- 02.86	112345	28 55		04.83- 02.86	111638	24 4.0	
04.83- 02.86	110112	28 40		04.83- 02.86	114047	24 4.0			
04.83- 02.86	111528	28 55	DR	04.83- 02.86	115623*	24 4.0	BO		
01.86- 02.86	111658	28 55							
F 613 5.5	[TD60A]	09.75- 02.86	111528	28 55	DR	09.75- 11.78	110519	12 3.0	
		11.80-	111658	28 55	PR	09.75- 02.86	111638	24 4.0	
		11.80-	112345	28 55					
	02.86-	112784	28 45						
	[TD60B]	09.75- 02.86	111528	28 55	DR	03.79- 02.86	111638	24 4.0	
03.80- 10.80	112742	14 90		12.78- 02.86	110519	12 3.0			
11.80- 02.86	110112	28 40		09.75- 02.86	115623*	24 4.0	BO		
11.80- 02.86	112345	28 55		09.75- 02.86	114047	24 4.0			
11.80- 02.86	113477	28 55	PR						
01.86- 02.86	111658	28 55							
01.86- 02.86	112784	28 45							
F 614 5.5	[TD60A]	09.75- 02.86	111528	28 55	DR	09.75- 02.86	111638	24 4.0	
		11.80-	111658	28 55	PR				
		11.80-	112345	28 55					
	02.86-	112784	28 45						
	[TD60B]	09.75- 02.86	111528	28 55	DR	12.78- 02.86	110519	12 3.0	
11.80-	111658	28 55	PR	09.75- 02.86	111638	24 4.0			
11.80-	112345	28 55		09.75- 02.86	114047	24 4.0			
02.86-	112784	28 45		09.75- 02.86	115623*	24 4.0	BO		
F 615 S 5.5	[TD60B]	12.78- 10.81	112742	14 90		12.78- 10.81	110519	12 3.0	
		03.79- 01.86	111528	28 55					
		01.86- 02.86	111658	28 55					
		01.86- 02.86	112784	28 45					
		02.81- 02.86	110112	28 40		02.81- 02.86	111638	24 4.0	
02.81- 02.86	111528	28 55	DR	02.81- 02.86	114047	24 4.0			
02.81- 02.86	113477	28 55	PR	02.81- 02.86	115623*	24 4.0	BO		
F 617 S 5.5	[TD60B]	12.78- 02.86	112742	14 90		12.78- 02.86	110519	12 3.0	
		03.79- 01.86	111528	28 55					
		09.81- 02.86	112345	28 55					
		01.86- 02.86	111658	28 55					
		01.86- 02.86	112784	28 45					
F 7 6.7	[TD70F]	08.78- 01.86	110112	28 40		08.78- 05.88	111638	24 4.0	
		08.78- 12.85	111528	28 55	DR	08.78- 12.85	114047	24 4.0	
		08.78- 05.88	112742	14 90		08.78- 12.85	115623*	24 4.0	BO
		08.78- 01.86	113477	28 55	PR				
		02.86- 05.88	111658	28 55	PR				
		02.86- 05.88	112345	28 55	BO				
	02.86- 05.88	112784	28 45						
	[TD70FS]	11.83- 12.85	112345	28 55		08.78- 12.85	111638	24 4.0	
						08.78- 12.85	114047	24 4.0	
						08.78- 12.85	115623*	24 4.0	BO
	[TD70G]	11.83- 12.85	112345	28 55		08.78- 12.85	111638	24 4.0	
					08.78- 12.85	114047	24 4.0		
					08.78- 12.85	115623*	24 4.0	BO	
F 88/260 9.6	[TD100A]	08.65- 06.77	112742	14 90					
F 89 12.0	[TD120A]	10.70- 06.77	112742	14 90					
F 89/330 12.0	[TD120A]	10.70- 06.77	112742	14 90					
FE 240-18 7.1	[D7E240]	05.12-	114303	28 100		05.06-	114323	24 5.0	
						05.12-	114733	24 5.5	
						05.06-	115889	24 5.0	A49
						05.12-	115894	24 5.5	A49

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	[D7F240]	05.12-	114303	28 100		05.06- 05.12- 05.12- 05.12-	115889 114323 114733 115894	24 5.0 24 5.0 24 5.5 24 5.5	A49	
FE 240-22 7.1	[D7E240]					05.06- 05.06-	114323 115889	24 5.0 24 5.0	A49	
FE 240-26 7.1	[D7E240]	05.12-	114303	28 100		05.06- 05.12- 05.12- 05.06- 12.06	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 24 5.5	A49	
FE 260-18 7.1	[D7F260]	05.12-	114303	28 100		05.12- 05.12- 05.12- 05.12-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 24 5.5	A49	
FE 260-26 7.1	[D7F260]	05.12-	114303	28 100		05.12- 05.12- 05.12- 05.12-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 24 5.5	A49	
FE 280-18 7.1	[D7E280]	05.12-	114303	28 100		05.12- 05.12- 05.12- 05.12-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 24 5.5	A49	
FE 280-26 7.1	[D7E280]	05.12-	114303	28 100		05.12- 05.12- 05.12- 05.12-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 24 5.5	A49	
FE 300-18 7.1	[D7F300]	05.12-	114303	28 100		05.12- 05.12- 05.12- 05.12-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 24 5.5	A49	
FE 300-26 7.1	[D7F300]	05.12-	114303	28 100		05.12- 05.12- 05.12- 05.12-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 24 5.5	A49	
FE 320-18 7.1	[D7E320]	05.12-	114303	28 100		05.12- 05.12- 05.12- 05.12-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 24 5.5	A49	
FE 320-26 7.1	[D7E320]	05.12-	114303	28 100		05.12- 05.12- 05.12- 05.12-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 24 5.5	A49	
FE 340-18 7.1	[D7F340]	05.12-	114303	28 100		05.12- 05.12- 05.12- 05.12-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 24 5.5	A49	
FE 340-26 7.1	[D7F340]	05.12-	114303	28 100		05.12- 05.12- 05.12- 05.12-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 24 5.5	A49	
FH 12/340 12.1	[D12A340]	08.93-	111631	28 55		08.93-	112116	24 6.6		
		08.93-	111746	28 80						
	[D12C340]	08.93-	111631	28 55		08.93-	112116	24 6.6		
		08.98-	111746	28 80						
	[D12D340]	12.01- 08.06	115488	28 110 A49		08.93-	112116	24 6.6		
		08.93-	111631	28 55	A10	08.93-	114872	24 5.5	MI	
		08.93-	114212	28 110		08.93-	115875	24 5.5	A49	
		08.93-	114846	28 130		08.93-	115884	24 5.5	A49	
		MI 08.93-	114880	28 110 MI		08.93-	113830	24 5.5		
		Chas. -A557642,B330019 12.01-	111746	28 80						
FH 12/380 12.1	[D12A380]	12.01- 08.06	114212	28 110		12.01- 08.06	115884	24 5.5		
		08.93- 08.06	111631	28 55		08.93- 08.06	112116	24 6.6		
		08.93- 08.06	111746	28 80		12.01- 08.06	113830	24 5.5		
	[D12C380]	12.01- 08.06	114212	28 110		12.01- 08.06	115884	24 5.5		
		08.93- 08.06	111631	28 55		08.93- 08.06	112116	24 6.6		
		03.98- 08.06	111746	28 80		12.01- 08.06	113830	24 5.5		
	[D12D380]	12.01- 08.06	115488	28 110 A49		A10 08.93-	114872	24 5.5	MI	
		08.93- 08.06	111631	28 55		08.93-	115875	24 5.5	A49	
		08.93- 08.06	114212	28 110		08.93- 08.06	112116	24 6.6		
			08.93-	114846	28 130		08.93- 08.06	113830	24 5.5	
			MI 03.98- 08.06	111746	28 80		08.93- 08.06	115884	24 5.5	A49
			MI 08.93-	114880	28 110 MI					
		Chas. -A557642,B330019 12.01-	111746	28 80						
FH 12/420 12.1	[D12A420]	08.93-	111631	28 55		08.93-	112116	24 6.6		
		08.93-	111746	28 80						
		10.03- 08.06	114212	28 110		10.03- 08.06	115884	24 5.5		
	[D12C420]	08.93- 08.06	111631	28 55		08.93- 08.06	112116	24 6.6		
		08.93- 08.06	111746	28 80		10.03- 08.06	113830	24 5.5		
		10.03- 08.06	114212	28 110		10.03- 08.06	115884	24 5.5		
	[D12D420]	08.93- 08.06	111631	28 55		08.93- 08.06	112116	24 6.6		
		08.98- 08.06	111746	28 80		10.03- 08.06	113830	24 5.5		
		12.01-	111631	28 55		12.01-	112116	24 6.6		
			12.01- 08.06	115488	28 110 A49	A10 08.93-	114872	24 5.5	MI	
			08.93-	114212	28 110		08.93-	115875	24 5.5	A49
			08.93-	114846	28 130		08.93-	115884	24 5.5	A49
		MI 08.93-	114880	28 110 MI		08.93-	113830	24 5.5		
		Chas. -A557642,B330019 12.01-	111746	28 80						
		12.01- 08.06	115488	28 110 A49		08.93- 08.06	112116	24 6.6		
		08.93- 08.06	111631	28 55		08.93- 08.06	115884	24 5.5	A49	
		08.93- 08.06	114212	28 110		08.93-	115875	24 5.5	A49	
		08.93-	114846	28 130		08.93- 08.06	113830	24 5.5		
		05.99- 08.06	111746	28 80	A10	08.93-	114872	24 5.5	MI	
		MI 08.93-	114880	28 110 MI						
		Chas. -A557642,B330019 12.01-	111746	28 80						

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O.E.M. names and numbers are used for reference purposes only.



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FH 12/460 12.1	[D12C460]	10.03- 08.06	114212	28 110	10.03- 08.06	115884	24 5.5	
		08.98- 08.06	111631	28 55	08.98- 08.06	112116	24 6.6	
		08.98- 08.06	111746	28 80	10.03- 08.06	113830	24 5.5	
	[D12D460]	12.01- 08.06	115488	28 110 A49	08.98- 08.06	112116	24 6.6	
		08.98- 08.06	111631	28 55	08.98- 08.06	113830	24 5.5	
		08.98- 08.06	111746	28 80	08.98- 08.06	115884	24 5.5 A49	
		08.98- 08.06	114212	28 110	08.98- 08.06	115875	24 5.5 A49	
		08.98- 08.06	114846	28 130	A10 08.98- 08.06	114872	24 5.5 MI	
		MI 08.98- 08.06	114880	28 110 MI				
	Chas. -A557642,B330019		12.01- 08.06	111746	28 80			
	FH 12/500 12.1	[D12D500]	09.01- 08.06	111631	28 55	09.01- 08.06	112116	24 6.6
			09.01- 08.06	111746	28 80	09.01- 08.06	113830	24 5.5
			09.01- 08.06	114212	28 110	A10 09.01- 08.06	114872	24 5.5 MI
		[D16A470]	09.01- 08.06	114846	28 130	09.01- 08.06	115875	24 5.5 A49
			09.01- 08.06	115488	28 110 A49	09.01- 08.06	115884	24 5.5 A49
MI 09.01- 08.06			114880	28 110 MI				
FH 16/470 16.1	[D16A470]	08.93- 12.99	111631	28 55				
		08.93- 12.99	111746	28 80				
FH 16/520 16.1	[D16A520]	08.93- 12.02	111631	28 55				
		08.93- 12.02	111746	28 80				
	[D16B520]	08.93- 12.02	111631	28 55				
FH 16/540 16.1	[D16C550]				08.07- 08.07	114310	24 7.0	
						115888	24 7.0 A49	
	[D16E540]	01.09- 08.07	116098	28 150 A49				
	[D16G540]	08.07- 08.07	111631	28 55	08.07- 08.07	114310	24 7.0	
		08.07- 08.07	111746	28 80	08.07- 08.07	115888	24 7.0 A49	
		08.07- 08.07	114212	28 110				
		08.07- 05.12	116098	28 150 A49				
			114078	28 120				
	FH 16/540 FH 16/550 16.1	[D16C550]	01.03- 01.03	111631	28 55	01.03- 01.03	114310	24 7.0
			01.03- 01.03	111746	28 80	01.03- 01.03	115888	24 7.0 A49
01.03- 01.03			114212	28 110				
[D16E540]		01.03- 01.03	111631	28 55	01.03- 01.03	114310	24 7.0	
		01.03- 01.03	111746	28 80	01.03- 01.03	115888	24 7.0 A49	
		01.03- 01.03	114212	28 110				
[D16G540]		01.03- 01.03	111631	28 55	01.03- 01.03	114310	24 7.0	
		01.03- 01.03	111746	28 80	01.03- 01.03	115888	24 7.0 A49	
		01.03- 01.03	114212	28 110				
FH 16/550 16.1	[D16C550]	01.03- 01.03	111631	28 55	01.03- 01.03	115888	24 7.0 A49	
		01.03- 01.03	111746	28 80	01.03- 01.03	114310	24 7.0	
		01.03- 01.03	114078	28 120				
		01.03- 01.03	114212	28 110				
		01.03- 01.03	116098	28 150 A49				
				114078	28 120			
	[D16E540]	01.03- 01.03	111631	28 55	01.03- 01.03	114310	24 7.0	
		01.03- 01.03	114078	28 120	01.03- 01.03	115888	24 7.0 A49	
		01.03- 01.03	114212	28 110				
	[D16G540]	01.03- 08.07	111631	28 55	01.03- 01.03	115888	24 7.0 A49	
		01.03- 08.07	114078	28 120	01.03- 01.03	114310	24 7.0	
		01.03- 08.07	114212	28 110				
FH 16/580 16.1	[D16E580]	01.09- 01.09	111631	28 55	09.06- 09.06	114310	24 7.0	
		01.09- 01.09	111746	28 80	09.06- 09.06	115888	24 7.0 A49	
		01.09- 01.09	114078	28 120				
		01.09- 01.09	114212	28 110				
		01.09- 01.09	115494	28 120 A49				
				114078	28 120			
FH 16/600 16.1	[D16G600]	09.06- 09.06	111631	28 55	09.06- 09.06	114310	24 7.0	
		09.06- 09.06	111746	28 80	09.06- 09.06	115888	24 7.0 A49	
		09.06- 05.12	114212	28 110				
		09.06- 05.12	114078	28 120				
FH 16/610 16.1	[D16C610]	01.03- 01.03	114212	28 110	01.03- 01.03	114310	24 7.0	
					01.03- 01.03	115888	24 7.0 A49	
FH 16/660 16.1	[D16E660]	01.07- 09.06	111631	28 55	09.06- 09.06	114310	24 7.0	
					09.06- 09.06	115888	24 7.0 A49	
FH 16/700 16.1	[D16G700]	09.06- 09.06	111631	28 55	09.06- 09.06	114310	24 7.0	
		09.06- 09.06	111746	28 80	09.06- 09.06	115888	24 7.0 A49	
		09.06- 05.12	114212	28 110				
		09.06- 05.12	114078	28 120				
				114078	28 120			
FH 16/750 16.1	[D16G750]	05.12- 05.12	111631	28 55	05.12- 05.12	114310	24 7.0	
		05.12- 05.12	111746	28 80	05.12- 05.12	114872	24 5.5	
		05.12- 05.12	114078	28 120	05.12- 05.12	115888	24 7.0 A49	
		05.12- 05.12	114212	28 110	05.12- 05.12	115875	24 5.5	
		11.13- 11.13	111631	28 55	11.13- 11.13	114872	24 5.5	
		11.13- 11.13	111746	28 80	11.13- 11.13	115875	24 5.5	
		11.13- 11.13	114212	28 110				
FH 400 12.8	[D13A400]	09.05- 09.05	114212	28 110	09.05- 09.05	113830	24 5.5	
		09.05- 09.05	114846	28 130	A10 09.05- 09.05	114872	24 5.5 MI	
		09.05- 09.05	115488	28 110 A49	09.05- 09.05	115884	24 5.5 A49	
		09.05- 09.05	115577	28 80	09.05- 09.05	115875	24 5.5 A49	
		MI 09.05- 09.05	114880	28 110 MI				
	[D13B400]	09.05- 09.05	114212	28 110	09.05- 09.05	113830	24 5.5	
		09.05- 09.05	114846	28 130	A10 09.05- 09.05	114872	24 5.5 MI	
		09.05- 09.05	115488	28 110 A49	09.05- 09.05	115884	24 5.5 A49	
		09.05- 09.05	115577	28 80	09.05- 09.05	115875	24 5.5 A49	
		MI 09.05- 09.05	114880	28 110 MI				
FH 420 12.8	[D13C420]	01.09- 01.09	114212	28 110	A10 01.09- 01.09	114872	24 5.5	
		01.09- 01.09	114846	28 130	01.09- 01.09	115875	24 5.5 A49	
		01.09- 01.09	115488	28 110 A49	01.09- 01.09	115884	24 5.5 A49	
		01.09- 01.09	115577	28 80	01.09- 01.09	113830	24 5.5	
		MI 01.09- 01.09	114880	28 110 MI				
					05.12- 05.12	114872	24 5.5	
					05.12- 05.12	115875	24 5.5 A49	
	[D13K420]							

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FH 440 12.8	[D13A440]	09.05-12.11	114212	28 110	A10	09.05-12.11	114872	24 5.5	MI		
		09.05-	114846	28 130		09.05-12.11	115875	24 5.5	A49		
		09.05-12.11	115488	28 110 A49		09.05-	115884	24 5.5	A49		
		09.05-	115577	28 80		09.05-	113830	24 5.5			
		09.06-12.11	114078	28 120							
		09.06-12.11	115494	28 120 A49							
		MI 09.05-	114880	28 110 MI							
		[D13B440]									
		09.05-12.11	114212	28 110		09.05-12.11	115875	24 5.5	A49		
		09.05-	114846	28 130		09.05-	113830	24 5.5			
		09.05-12.11	115488	28 110 A49		A10 09.05-12.11	114872	24 5.5	MI		
		09.05-	115577	28 80		09.05-	115884	24 5.5	A49		
		09.06-12.11	114078	28 120							
		09.06-12.11	115494	28 120 A49							
		MI 09.05-	114880	28 110 MI							
[D13H440]											
09.05-	114212	28 110		09.05-	113830	24 5.5					
09.05-	114846	28 130		A10 09.05-	114872	24 5.5	MI				
09.05-	115488	28 110 A49		09.05-	115884	24 5.5	A49				
09.05-	115577	28 80		09.05-	115875	24 5.5	A49				
09.06-12.11	114078	28 120									
09.06-12.11	115494	28 120 A49									
MI 09.05-	114880	28 110 MI									
FH 460 12.8 [D13C460]											
01.09-	114078	28 120		A10 01.09-	114872	24 5.5					
01.09-	114212	28 110		01.09-	115875	24 5.5	A49				
01.09-	114846	28 130		01.09-	113830	24 5.5					
01.09-	115488	28 110 A49		01.09-	115884	24 5.5	A49				
01.09-	115494	28 120 A49									
01.09-	115577	28 80									
MI 01.09-	114880	28 110 MI									
[D13K460]											
				05.12-	114872	24 5.5					
				05.12-	115875	24 5.5	A49				
FH 480 12.8 [D13A480]											
09.05-12.11	114078	28 120		A10 09.05-12.11	114872	24 5.5	MI				
09.05-12.11	114212	28 110		09.05-12.11	115875	24 5.5	A49				
09.05-	114846	28 130		09.05-	113830	24 5.5					
09.05-12.11	115488	28 110 A49		09.05-	115884	24 5.5	A49				
09.05-12.11	115494	28 120 A49									
09.05-	115577	28 80									
MI 09.05-	114880	28 110 MI									
FH 500 12.8 [D13B500]											
09.07-	114078	28 120		A10 09.07-	114872	24 5.5	MI				
09.07-	114212	28 110		09.07-	115875	24 5.5	A49				
09.07-	114846	28 130		09.07-	113830	24 5.5					
09.07-	115488	28 110 A49		01.09-	112823	24 5.5					
09.07-	115494	28 120 A49		01.09-	115872	24 5.5	A49				
09.07-	115577	28 80		09.07-	115884	24 5.5	A49				
MI 09.07-	114880	28 110 MI									
[D13C500]											
09.07-	114078	28 120		A10 09.07-	114872	24 5.5					
09.07-	114212	28 110		09.07-	115875	24 5.5	A49				
09.07-	114846	28 130		09.07-	113830	24 5.5					
09.07-	115488	28 110 A49		09.07-	115884	24 5.5	A49				
09.07-	115494	28 120 A49									
09.07-	115577	28 80									
MI 09.07-	114880	28 110 MI									
[D13K500]											
				05.12-	114872	24 5.5					
				05.12-	115875	24 5.5	A49				
FH 520 12.8 [D13A520]											
09.05-	114078	28 120		A10 09.05-	113830	24 5.5					
09.05-	114212	28 110		09.05-	114872	24 5.5	MI				
09.05-	114846	28 130		09.05-	115875	24 5.5	A49				
09.05-	115488	28 110 A49		09.05-	115884	24 5.5	A49				
09.05-	115494	28 120 A49									
09.05-	115577	28 80									
MI 09.05-	114880	28 110 MI									
FH 540 12.8 [D13C540]											
01.09-	114078	28 120		A10 01.09-	114872	24 5.5					
01.09-	114212	28 110		01.09-	115875	24 5.5	A49				
01.09-	114846	28 130		01.09-	113830	24 5.5					
01.09-	115488	28 110 A49		01.09-	115884	24 5.5	A49				
01.09-	115494	28 120 A49									
01.09-	115577	28 80									
MI 01.09-	114880	28 110 MI									
[D13K540]											
				05.12-	114872	24 5.5					
				05.12-	115875	24 5.5	A49				
FH 550 16.1 [D16C550]											
09.05-	116098	28 150 A49		09.05-	114310	24 7.0					
				09.05-	115888	24 7.0	A49				
FH 610 16.1 [D16C610]											
				09.05-	114310	24 7.0					
				09.05-	115888	24 7.0	A49				
FH II 500 12.8 [D13C500]											
				05.12-	114872	24 5.5					
				05.12-	115875	24 5.5					
[D13K500]											
				05.12-	114872	24 5.5					
				05.12-	115875	24 5.5					
FL 10/280 9.6 [TD101G]											
09.85-01.86	110112	28 40		09.85-12.93	110207	24 5.4					
09.85-12.90	111528	28 55 DR									
09.85-01.86	113477	28 55 PR									
02.86-12.93	111658	28 55 PR									
02.86-12.93	112345	28 55 BO									
02.86-12.93	112784	28 45									
FL 10/320 9.6 [D10A320]											
02.95-	111631	28 55		12.95-	110207	24 5.4					
12.95-	111746	28 80									
FL 10/320 9.6 [D10A320]											
02.95-	111631	28 55		12.95-	110207	24 5.4					
12.95-	111746	28 80									
FL 10/360 9.6 [D10A360]											
02.95-	111631	28 55		12.95-	110207	24 5.4					
12.95-	111746	28 80									
FL 10H/320 9.6 [D10A320]											
02.95-	111631	28 55		12.95-	110207	24 5.4					
12.95-	111746	28 80									
FL 10H/360 9.6 [D10A360]											
02.95-	111631	28 55		12.95-	110207	24 5.4					
12.95-	111746	28 80									
FL 12/380 12.1 [D12A380]											
09.95-	111631	28 55		09.95-	112116	24 6.6					
09.95-	111746	28 80									
FL 12/420 12.1 [D12A420]											
09.95-	111631	28 55		09.95-	112116	24 6.6					
09.95-	111746	28 80									

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**VOLVO** Continued

FL 12H/380 12.1	[D12A380]	09.95-	111631	28 55	09.95-	112116	24 6.6
		09.95-	111746	28 80			
FL 12H/420 12.1	[D12A420]	09.95-	111631	28 55	09.95-	112116	24 6.6
		09.95-	111746	28 80			
FL 180 5.5	[D6B]	05.00-	111658	28 55 PR	05.00-	111638	24 4.0
		05.00-	112345	28 55 BO	03.00-	114047	24 4.0
		05.00-	112784	28 45	03.00-	115623*	24 4.0 BO
		05.00-	112803	28 80			
FL 220 5.5	[20NE]	05.00-	111658	28 55 PR	05.00-	111638	24 4.0
		05.00-	112345	28 55 BO	03.00-	114047	24 4.0
		05.00-	112784	28 45	03.00-	115623*	24 4.0 BO
		05.00-	112803	28 80			
FL 240-12 7.1	[D7E240]	05.00-	111658	28 55 PR	05.00-	111638	24 4.0
		05.00-	112345	28 55 BO	03.00-	114047	24 4.0
		05.00-	112784	28 45	03.00-	115623*	24 4.0 BO
		05.00-	112803	28 80			
FL 240-14 7.1	[D7E240]	05.06-	114323	24 5.0	05.06-	114323	24 5.0
		05.06-	115889	24 5.0 A49	05.06-	115889	24 5.0 A49
FL 240-15 7.1	[D7E240]	06.09-	114323	24 5.0	06.09-	114323	24 5.0
		06.09-	115889	24 5.0 A49	06.09-	115889	24 5.0 A49
FL 240-16 7.1	[D7E240]	05.06-	114323	24 5.0	05.06-	114323	24 5.0
		05.06-	115889	24 5.0 A49	05.06-	115889	24 5.0 A49
FL 240-18 7.1	[D7E240]	05.06-	114323	24 5.0	05.06-	114323	24 5.0
		05.06-	115889	24 5.0 A49	05.06-	115889	24 5.0 A49
FL 250 5.5	[D6B]	05.00-	111658	28 55 PR	05.00-	111638	24 4.0
		05.00-	112345	28 55 BO	03.00-	114047	24 4.0
		05.00-	112784	28 45	03.00-	115623*	24 4.0 BO
		05.00-	112803	28 80			
FL 408 3.6	[TD41G]	02.86- 10.89	111528	28 55 DR			
		02.86- 10.89	111658	28 55 PR			
		02.86- 10.89	112345	28 55 BO			
		02.86- 10.89	112784	28 45			
FL 608 5.5	[D6A180]	01.91-	111658	28 55 PR	01.91-	111638	24 4.0
		01.91-	112345	28 55 BO	01.91- 12.99	114047	24 4.0
		01.91-	112784	28 45	01.91- 12.99	115623*	24 4.0 BO
		01.91-	112803	28 80			
	[D6A210]	01.93- 12.99	111528	28 55 DR	01.93- 12.99	114047	24 4.0
		02.95-	111658	28 55 PR	01.93- 12.99	115623*	24 4.0 BO
		02.95-	112345	28 55 BO	02.95-	111638	24 4.0
		02.95-	112784	28 45			
	[TD61G]	03.87-	111658	28 55 PR	03.87-	111638	24 4.0
		03.87-	112345	28 55 BO	10.85- 12.99	114047	24 4.0
		03.87-	112784	28 45	10.85- 12.99	115623*	24 4.0 BO
		03.87-	112803	28 80			
	[TD61GA]	09.86-	111658	28 55 PR	09.86-	111638	24 4.0
		09.86-	112345	28 55 BO	10.85- 12.99	114047	24 4.0
		09.86-	112784	28 45	10.85- 12.99	115623*	24 4.0 BO
		09.86-	112803	28 80			
[TD63E]	01.91-	111658	28 55 PR	01.91-	111638	24 4.0	
	01.91-	112345	28 55 BO	01.91- 12.99	114047	24 4.0	
	01.91-	112784	28 45	01.91- 12.99	115623*	24 4.0 BO	
	01.91-	112803	28 80				
[TD63ES]	01.93- 12.99	111528	28 55 DR	01.93-	111638	24 4.0	
	01.93-	111658	28 55 PR	01.93- 12.99	114047	24 4.0	
	01.93-	112345	28 55 BO	01.93- 12.99	115623*	24 4.0 BO	
	01.93-	112784	28 45				
FL 610 5.5	[TD61G]	09.85- 11.94	111658	28 55 PR	09.85- 11.94	111638	24 4.0
		09.85- 11.94	112345	28 55	09.85- 11.94	114047	24 4.0
		09.85- 11.94	112784	28 45	09.85- 11.94	115623*	24 4.0 BO
		09.85- 11.94	112803	28 80			
FL 611 5.5	[D6A180]	09.85- 03.00	111528	28 55 DR	02.95-	111638	24 4.0
		02.95-	111658	28 55 PR	09.85- 03.00	114047	24 4.0
		02.95-	112345	28 55 BO	09.85- 03.00	115623*	24 4.0 BO
		02.95-	112784	28 45			
	[D6A210]	12.94-	111658	28 55 PR	12.94-	111638	24 4.0
		12.94-	112345	28 55 BO	12.94- 03.00	114047	24 4.0
		12.94-	112784	28 45	12.94- 03.00	115623*	24 4.0 BO
		12.94-	112803	28 80			
	[TD61G]	09.85- 01.86	110112	28 40	09.85- 12.94	111638	24 4.0
		09.85- 11.94	111528	28 55 DR	09.85- 11.94	114047	24 4.0
		09.85- 12.94	112803	28 80	09.85- 11.94	115623*	24 4.0 BO
		09.85- 01.86	113477	28 55 PR			
		02.86- 12.94	111658	28 55 PR			
		02.86- 12.94	112345	28 55 BO			
	[TD61GA]	02.86- 12.94	112784	28 45			
		09.85- 11.94	111528	28 55 DR	09.86- 12.94	111638	24 4.0
09.86- 12.94		111658	28 55 PR	09.85- 11.94	114047	24 4.0	
09.86- 12.94		112345	28 55 BO	09.85- 11.94	115623*	24 4.0 BO	
[TD61GB]	09.86- 12.94	112784	28 45				
	09.86- 12.94	112803	28 80				
				09.85- 03.00	114047	24 4.0	
				09.85- 03.00	115623*	24 4.0 BO	
[TD61GC]	09.85- 03.00	111528	28 55 DR	01.90-	111638	24 4.0	
	01.90-	111658	28 55 PR	09.85- 03.00	114047	24 4.0	
	01.90-	112345	28 55 BO	09.85- 03.00	115623*	24 4.0 BO	
	01.90-	112784	28 45				
	01.90-	112803	28 80				

## STARTERS & ALTERNATORS



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[TD61GS]	09.85- 01.86	110112	28 40		09.85-	111638	24 4.0	
	09.85- 03.00	111528	28 55 DR		09.85- 03.00	114047	24 4.0	
	09.85-	112803	28 80		09.85- 03.00	115623*	24 4.0 BO	
	09.85- 01.86	113477	28 55 PR					
	02.86-	111658	28 55 PR					
	02.86-	112345	28 55 BO					
	02.86-	112784	28 45					
[TD63E]	09.85- 03.00	111528	28 55 DR		01.90-	111638	24 4.0	
	01.90-	111658	28 55 PR		09.85- 03.00	114047	24 4.0	
	01.90-	112345	28 55 BO		09.85- 03.00	115623*	24 4.0 BO	
	01.90-	112784	28 45					
	01.90-	112803	28 80					
[TD63ES]	12.94-	111658	28 55 PR		12.94-	111638	24 4.0	
	12.94-	112345	28 55 BO		12.94- 03.00	114047	24 4.0	
	12.94-	112784	28 45		12.94- 03.00	115623*	24 4.0 BO	
	12.94-	112803	28 80					
FL 612 5.5	[D6A180]	09.85- 12.99	111528	28 55 DR		02.95-	111638	24 4.0
		02.95-	111658	28 55 PR		09.85- 12.99	114047	24 4.0
		02.95-	112345	28 55 BO		09.85- 12.99	115623*	24 4.0 BO
		02.95-	112784	28 45				
		02.95-	112803	28 80				
	[D6A210]	11.91- 12.99	111528	28 55 DR		02.95-	111638	24 4.0
		02.95-	111658	28 55 PR		11.91- 12.99	114047	24 4.0
		02.95-	112345	28 55 BO		11.91- 12.99	115623*	24 4.0 BO
		02.95-	112784	28 45				
		02.95-	112803	28 80				
	[D6A230]	12.95-	111658	28 55 PR		12.95-	111638	24 4.0
		12.95-	112345	28 55 BO		12.95- 12.99	114047	24 4.0
12.95-		112784	28 45		12.95- 12.99	115623*	24 4.0 BO	
12.95-		112803	28 80					
[D6A250]	12.95-	111658	28 55 PR		12.95-	111638	24 4.0	
	12.95-	112345	28 55 BO		12.95- 12.99	114047	24 4.0	
	12.95-	112784	28 45		12.95- 12.99	115623*	24 4.0 BO	
	12.95-	112803	28 80					
[TD61GB]					09.85- 12.99	114047	24 4.0	
					09.85- 12.99	115623*	24 4.0 BO	
[TD61GC]	09.85- 12.99	111528	28 55 DR		09.85- 12.99	115623*	24 4.0 BO	
	01.90-	111658	28 55 PR		01.90-	111638	24 4.0	
	01.90-	112345	28 55 BO		09.85- 12.99	114047	24 4.0	
	01.90-	112784	28 45					
	01.90-	112803	28 80					
[TD61GS]	09.85- 01.86	110112	28 40		09.85-	111638	24 4.0	
	09.85- 12.99	111528	28 55 DR		09.85- 12.99	114047	24 4.0	
	09.85-	112803	28 80		09.85- 12.99	115623*	24 4.0 BO	
	09.85- 01.86	113477	28 55 PR					
	02.86-	111658	28 55 PR					
	02.86-	112345	28 55 BO					
	02.86-	112784	28 45					
[TD63E]	09.85- 12.99	111528	28 55 DR		01.90-	111638	24 4.0	
	01.90-	111658	28 55 PR		09.85- 12.99	114047	24 4.0	
	01.90-	112345	28 55 BO		09.85- 12.99	115623*	24 4.0 BO	
	01.90-	112784	28 45					
	01.90-	112803	28 80					
[TD63ES]	11.91- 12.99	111528	28 55 DR		11.91-	111638	24 4.0	
	11.91-	111658	28 55 PR		11.91- 12.99	114047	24 4.0	
	11.91-	112345	28 55 BO		11.91- 12.99	115623*	24 4.0 BO	
	11.91-	112784	28 45					
	11.91-	112803	28 80					
FL 614 5.5	[D6A180]	09.85- 03.00	111528	28 55 DR		09.85- 03.00	115623*	24 4.0 BO
		09.85-	112757	28 55		02.95-	111638	24 4.0
		02.95-	111658	28 55 PR		09.85- 03.00	114047	24 4.0
		02.95-	112345	28 55 BO				
		02.95-	112784	28 45				
	[D6A210]	09.85- 03.00	111528	28 55 DR		09.85- 03.00	115623*	24 4.0 BO
		09.85-	112757	28 55		02.95-	111638	24 4.0
		02.95-	111658	28 55 PR		09.85- 03.00	114047	24 4.0
		02.95-	112345	28 55 BO				
		02.95-	112784	28 45				
	[D6A230]	09.85-	112757	28 55		12.95-	111638	24 4.0
		12.95- 03.00	111528	28 55 DR		12.95- 03.00	114047	24 4.0
12.95-		111658	28 55 PR		12.95- 03.00	115623*	24 4.0 BO	
12.95-		112345	28 55 BO					
12.95-		112784	28 45					
[D6A250]	09.85-	112757	28 55		12.95- 03.00	115623*	24 4.0 BO	
	12.95- 03.00	111528	28 55 DR		12.95-	111638	24 4.0	
	12.95-	111658	28 55 PR		12.95- 03.00	114047	24 4.0	
	12.95-	112345	28 55 BO					
	12.95-	112784	28 45					
[TD61F]	09.85- 01.86	110112	28 40		09.85-	111638	24 4.0	
	09.85- 03.00	111528	28 55 DR		09.85- 03.00	114047	24 4.0	
	09.85-	112757	28 55		09.85- 03.00	115623*	24 4.0 BO	
	09.85-	112803	28 80					
	09.85- 01.86	113477	28 55 PR					
	02.86-	111658	28 55 PR					
	02.86-	112345	28 55 BO					
[TD61GB]					09.85- 03.00	114047	24 4.0	
					09.85- 03.00	115623*	24 4.0 BO	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VOLVO Continued

	[TD61GC]	09.85- 03.00	111528	28 55	DR	01.90-	111638	24 4.0
		09.85-	112757	28 55		09.85- 03.00	114047	24 4.0
		01.90-	111658	28 55	PR	09.85- 03.00	115623*	24 4.0 BO
		01.90-	112345	28 55	BO			
		01.90-	112784	28 45				
	[TD61GS]	09.85- 01.86	110112	28 40		09.85-	111638	24 4.0
		09.85- 03.00	111528	28 55	DR	09.85- 03.00	114047	24 4.0
		09.85- 01.86	112757	28 55	BO	09.85- 03.00	115623*	24 4.0 BO
		09.85-	112803	28 80				
		09.85- 01.86	113477	28 55	PR			
		02.86-	111658	28 55	PR			
		02.86-	112345	28 55	BO			
	[TD63E]	09.85- 03.00	111528	28 55	DR	09.85- 03.00	114047	24 4.0
		09.85-	112757	28 55		09.85- 03.00	115623*	24 4.0 BO
		01.90-	111658	28 55	PR	01.90-	111638	24 4.0
		01.90-	112345	28 55	BO			
		01.90-	112784	28 45				
	[TD63ES]	09.85- 03.00	111528	28 55	DR	01.90-	111638	24 4.0
		09.85-	112757	28 55		09.85- 03.00	114047	24 4.0
		01.90-	111658	28 55	PR	09.85- 03.00	115623*	24 4.0 BO
		01.90-	112345	28 55	BO			
		01.90-	112784	28 45				
		01.90-	112803	28 80				
		01.90-	112784	28 45				
FL 615 5.5	[D6A180]	11.91- 03.00	111528	28 55	DR	02.95-	111638	24 4.0
		02.95-	111658	28 55	PR	11.91- 03.00	114047	24 4.0
		02.95-	112345	28 55	BO	11.91- 03.00	115623*	24 4.0 BO
		02.95-	112784	28 45				
		02.95-	112803	28 80				
	[D6A210]	11.91- 03.00	111528	28 55	DR	11.91-	111638	24 4.0
		02.95-	111658	28 55	PR	11.91- 03.00	114047	24 4.0
		02.95-	112345	28 55	BO	11.91- 03.00	115623*	24 4.0 BO
		02.95-	112784	28 45				
		02.95-	112803	28 80				
	[D6A230]	12.95- 03.00	111528	28 55	DR	12.95-	111638	24 4.0
		12.95-	111658	28 55	PR	12.95- 03.00	114047	24 4.0
		12.95-	112345	28 55	BO	12.95- 03.00	115623*	24 4.0 BO
		12.95-	112784	28 45				
		12.95-	112803	28 80				
[D6A250]	12.95- 03.00	111528	28 55	DR	12.95-	111638	24 4.0	
	12.95-	111658	28 55	PR	12.95- 03.00	114047	24 4.0 BOGR	
	12.95-	112345	28 55	BO	12.95- 03.00	115623*	24 4.0 BO	
	12.95-	112784	28 45					
	12.95-	112803	28 80					
[TD63E]	11.91- 03.00	111528	28 55	DR	11.91-	111638	24 4.0	
	11.91-	111658	28 55	PR	11.91- 03.00	114047	24 4.0	
	11.91-	112345	28 55	BO	11.91- 03.00	115623*	24 4.0 BO	
	11.91-	112784	28 45					
	11.91-	112803	28 80					
[TD63ES]	11.91- 03.00	111528	28 55	DR	11.91-	111638	24 4.0	
	11.91-	111658	28 55	PR	11.91- 03.00	114047	24 4.0	
	11.91-	112345	28 55	BO	11.91- 03.00	115623*	24 4.0 BO	
	11.91-	112784	28 45					
	11.91-	112803	28 80					
FL 618 5.5	[D6A180]	11.91- 03.00	111528	28 55	DR	02.95-	111638	24 4.0
		02.95-	111658	28 55	PR	11.91- 03.00	114047	24 4.0
		02.95-	112345	28 55	BO	11.91- 03.00	115623*	24 4.0 BO
		02.95-	112784	28 45				
		02.95-	112803	28 80				
	[D6A210]	11.91- 03.00	111528	28 55	DR	11.91- 03.00	115623*	24 4.0 BO
		02.95-	111658	28 55	PR	02.95-	111638	24 4.0
		02.95-	112345	28 55	BO	11.91- 03.00	114047	24 4.0
		02.95-	112784	28 45				
		02.95-	112803	28 80				
	[D6A230]	12.95- 03.00	111528	28 55	DR	12.95-	111638	24 4.0
		12.95-	111658	28 55	PR	12.95- 03.00	114047	24 4.0
		12.95-	112345	28 55	BO	12.95- 03.00	115623*	24 4.0 BO
		12.95-	112784	28 45				
		12.95-	112803	28 80				
[D6A250]	12.95- 03.00	111528	28 55	DR	12.95-	111638	24 4.0	
	12.95-	111658	28 55	PR	12.95- 03.00	114047	24 4.0	
	12.95-	112345	28 55	BO	12.95- 03.00	115623*	24 4.0 BO	
	12.95-	112784	28 45					
	12.95-	112803	28 80					
[TD63E]	11.91- 03.00	111528	28 55	DR	11.91-	111638	24 4.0	
	11.91-	111658	28 55	PR	11.91- 03.00	114047	24 4.0	
	11.91-	112345	28 55	BO	11.91- 03.00	115623*	24 4.0 BO	
	11.91-	112784	28 45					
	11.91-	112803	28 80					
[TD63ES]	11.91- 03.00	111528	28 55	DR	11.91-	111638	24 4.0	
	11.91-	111658	28 55	PR	11.91- 03.00	114047	24 4.0	
	11.91-	112345	28 55	BO	11.91- 03.00	115623*	24 4.0 BO	
	11.91-	112784	28 45					
	11.91-	112803	28 80					
FL 619 5.5	[TD61F]	09.85- 11.94	111658	28 55	PR	09.85- 11.94	111638	24 4.0
		09.85- 11.94	112345	28 55		09.85- 11.94	114047	24 4.0
		09.85- 11.94	112784	28 45		09.85- 11.94	115623*	24 4.0 BO
		09.85- 11.94	112803	28 80				
		09.85- 11.94	111528	28 55	DR			
FL 7/230 6.7	[D7B230]	09.85- 09.98	111528	28 55	DR	11.91-	110980	24 5.4
		11.91-	111658	28 55	PR			
		11.91-	112345	28 55	BO			
		11.91-	112784	28 45				

## STARTERS & ALTERNATORS



	[TD71F]	09.85- 01.86 09.85- 09.98 09.85- 01.86 02.86- 02.86- 02.86-	110112 111528 113477 111658 112345 112784	28 40 28 55 DR 28 55 PR 28 55 PR 28 55 BO 28 45		09.85-	110980	24 5.4
	[TD71FQ]	09.85- 01.86 09.85- 09.98 09.85- 01.86 02.86- 02.86- 02.86-	110112 111528 113477 111658 112345 112784	28 40 28 55 DR 28 55 PR 28 55 PR 28 55 BO 28 45		09.85-	110980	24 5.4
	[TD73E]	09.85- 09.98 11.91- 11.91- 11.91-	111528 111658 112345 112784	28 55 DR 28 55 PR 28 55 BO 28 45		11.91-	110980	24 5.4
FL 7/260 6.7	[D7B260]	11.91- 09.98 11.91- 11.91- 11.91-	111528 111658 112345 112784	28 55 DR 28 55 PR 28 55 BO 28 45		11.91-	110980	24 5.4
	[TD73ES]	11.91- 09.98 11.91- 11.91- 11.91-	111528 111658 112345 112784	28 55 DR 28 55 PR 28 55 BO 28 45		11.91-	110980	24 5.4
FL 7/290 6.7	[D7A285]	10.93- 09.98 10.93- 10.93- 10.93-	111528 111658 112345 112784	28 55 DR 28 55 PR 28 55 BO 28 45		10.93-	110980	24 5.4
FLC 140 4.0	[D4A140]	09.96- 09.00	113186 113650	28 55 28 80				
FLH 240-12 7.1	[D7E240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49
	[D7F240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49
FLH 240-18 7.1	[D7E240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49
	[D7F240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49
FLH 260-12 7.1	[D7F260]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49
FLH 260-18 7.1	[D7F260]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49
FLH 280-12 7.1	[D7E280]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49
FLH 280-18 7.1	[D7E280]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49
FLH 290-12 7.1	[D7F290]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49
FLH 290-18 7.1	[D7F290]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49
FLL 240-14 7.1	[D7E240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49
	[D7F240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49
FLL 240-15 7.1	[D7E240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49
	[D7F240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49
FLL 240-16 7.1	[D7E240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49
	[D7F240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	114323 114733 115889 115894	24 5.0 24 5.5 24 5.0 A49 24 5.5 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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FLL 260-14 7.1	[D7F260]	05.13-	114303	28	100	05.13-	114323	24	5.0							
						05.13-	114733	24	5.5							
						05.13-	115889	24	5.0	A49						
						05.13-	115894	24	5.5	A49						
FLL 260-15 7.1	[D7F260]	05.13-	114303	28	100	05.13-	114323	24	5.0							
						05.13-	114733	24	5.5							
						05.13-	115889	24	5.0	A49						
						05.13-	115894	24	5.5	A49						
FLL 260-16 7.1	[D7F260]	05.13-	114303	28	100	05.13-	114323	24	5.0							
						05.13-	114733	24	5.5							
						05.13-	115889	24	5.0	A49						
						05.13-	115894	24	5.5	A49						
FLL 280-14 7.1	[D7E280]	05.13-	114303	28	100	05.13-	114323	24	5.0							
						05.13-	114733	24	5.5							
						05.13-	115889	24	5.0	A49						
						05.13-	115894	24	5.5	A49						
FLL 280-16 7.1	[D7E280]	05.13-	114303	28	100	05.13-	114323	24	5.0							
						05.13-	114733	24	5.5							
						05.13-	115889	24	5.0	A49						
						05.13-	115894	24	5.5	A49						
FLL 290-14 7.1	[D7F290]	05.13-	114303	28	100	05.13-	114323	24	5.0							
						05.13-	114733	24	5.5							
						05.13-	115889	24	5.0	A49						
						05.13-	115894	24	5.5	A49						
FLL 290-16 7.1	[D7F290]	05.13-	114303	28	100	05.13-	114323	24	5.0							
						05.13-	114733	24	5.5							
						05.13-	115889	24	5.0	A49						
						05.13-	115894	24	5.5	A49						
FM 10/320 9.6	[D10A320]	03.00- 09.03	111631	28	55	03.00- 09.03	110207	24	5.4							
		03.00- 09.03	111746	28	80											
	[D10B320]	04.99- 09.03	111631	28	55	04.99- 09.03	110207	24	5.4							
		04.99- 09.03	111746	28	80											
FM 10/360 9.6	[D10B360]	04.99-	111631	28	55	04.99-	110207	24	5.4							
		04.99-	111746	28	80											
FM 12/340 12.1	[D12C340]	02.00- 09.03	114212	28	110	02.00- 09.03	115884	24	5.5							
		08.98- 09.03	111631	28	55					02.00- 09.03	112116	24	6.6			
		08.98- 09.03	111746	28	80									02.00- 09.03	113830	24
		02.00- 09.03	111631	28	55					02.00- 09.03	112116	24	6.6			
	02.00- 09.03	111746	28	80	08.98- 09.05	113830	24	5.5								
	12.01- 09.05	115488	28	110	A49	08.98- 09.05	115884	24	5.5	A49						
	08.98- 09.05	114212	28	110		08.98- 09.05	115875	24	5.5	A49						
	08.98- 09.05	114846	28	130		A10	08.98- 09.05	114872	24	5.5	MI					
	MI 08.98- 09.05	114880	28	110	MI											
	Chas. -A557642,B330019	12.01-	111746	28	80											
FM 12/380 12.1	[D12C380]	08.98-	111631	28	55											
		08.98-	111746	28	80											
	[D12D380]	08.98-	111631	28	55											
		08.98-	111746	28	80											
FM 12/420 12.1	[D12C420]	03.00- 09.03	111631	28	55	03.00- 09.03	112116	24	6.6							
		03.00- 09.03	111746	28	80											
	[D12D420]	03.00- 09.03	111631	28	55					03.00- 09.03	112116	24	6.6			
		03.00- 09.03	111746	28	80											
FM 12/460 12.1	[D12C460]	08.98- 09.05	111631	28	55	08.98- 09.05	112116	24	6.6							
		08.98- 09.05	111746	28	80											
FM 12H/340 12.1	[D12C340]	08.98-	111631	28	55											
		08.98-	111746	28	80											
	[D12D340]	12.01-	111631	28	55						08.98- 09.05	113830	24	5.5		
		12.01- 09.05	115488	28	110										A49	08.98- 09.05
	08.98- 09.05	114212	28	110							A10	08.98- 09.05	115884	24	5.5	
	08.98- 09.05	114846	28	130												
	MI 08.98- 09.05	114880	28	110	MI											
	Chas. -A557642,B330019	12.01-	111746	28	80											
FM 12H/380 12.1	[D12C380]	08.98-	111631	28	55											
		08.98-	111746	28	80											
	[D12D420]	12.01-	111631	28	55						08.98- 09.05	113830	24	5.5		
		12.01- 09.05	115488	28	110										A49	08.98- 09.05
08.98- 09.05	114212	28	110		A10	08.98- 09.05	115884	24	5.5	A49						
08.98- 09.05	114846	28	130													
MI 08.98- 09.05	114880	28	110	MI												
Chas. -A557642,B330019	12.01-	111746	28	80												
FM 12H/420 12.1	[D12C420]	08.98-	111631	28	55											
		08.98-	111746	28	80											
	[D12D420]	12.01-	111631	28	55						08.98- 09.05	113830	24	5.5		
		12.01- 09.05	115488	28	110										A49	08.98- 09.05
08.98- 09.05	114212	28	110		A10	08.98- 09.05	115884	24	5.5	A49						
08.98- 09.05	114846	28	130													
MI 08.98- 09.05	114880	28	110	MI												
Chas. -A557642,B330019	12.01-	111746	28	80												
FM 300 9.4	[D9A300]					09.05-	114193	24	5.5							
										09.05-	115877	24	5.5	A49		
	[D9B300]	09.05-	111746	28	80										09.05-	114193
		09.05-	114212	28	110					09.05-	115877	24	5.5	A49		
FM 330 10.8	[D11C330]	09.05-	114846	28	130	09.05-	115593	24	5.5							
										04.12-	114193	24	5.5			
	[D11K330]	09.05-	114846	28	130									04.12-	115877	24
										09.05-	115887	24	5.5			
				09.05-	115593	24	5.5									
									04.12-	114193	24	5.5				
				04.12-	115877	24	5.5	A49								
									09.05-	115887	24	5.5	A49			
FM 360 12.8	[D13A360]	09.05-	114078	28	120	09.05-	113830	24						5.5		
		09.05-	114212	28	110				A10	09.05-	114872	24	5.5		MI	
		09.05-	114846	28	130											09.05-
		09.05-	115488	28	110				A49	09.05-	115884	24	5.5		A49	
		09.05-	115494	28	120				A49							
		09.05-	115577	28	80											
		MI 09.05-	114880	28	110				MI							

## STARTERS & ALTERNATORS



	[D13B360]	09.05- 09.05- 09.05- 09.05- 09.05- 09.05- MI 09.05-	114078 114212 114846 115488 115494 115577 114880	28 120 28 110 28 130 28 110 A49 28 120 A49 28 80 28 110 MI		09.05- A10 09.05- 09.05- 09.05-	113830 114872 115875 115884	24 5.5 24 5.5 MI 24 5.5 A49 24 5.5 A49
FM 370 10.8	[D11C370]	09.05- 06.08- 06.08- 06.08- 06.08-	114846 114078 114212 114407 114880	28 130 28 120 28 110 28 90 28 110		09.05- 09.05- 04.12- 04.12-	115593 115887 114193 115877	24 5.5 24 5.5 A49 24 5.5 24 5.5 A49
	[D11K370]	09.05- 06.08- 06.08- 06.08- 06.08-	114846 114078 114212 114407 114880	28 130 28 120 28 110 28 90 28 110		09.05- 09.05- 04.12- 04.12-	115593 115887 114193 115877	24 5.5 24 5.5 A49 24 5.5 24 5.5 A49
FM 380 12.8	[D13C380]	09.05- 09.05- 09.05- 09.05- 09.05- 09.05- MI 09.05-	114078 114212 114846 115488 115494 115577 114880	28 120 28 110 28 130 28 110 A49 28 120 A49 28 80 28 110 MI		A10 09.05- 09.05- 09.05- 09.05-	114872 115875 113830 115884	24 5.5 MI 24 5.5 A49 24 5.5 24 5.5 A49
FM 390 10.8	[D11B390]	06.08-	114846	28 130				
FM 400 12.8	[D13A400]	09.05- 09.05- 09.05- 09.05- 09.05- 09.05- MI 09.05-	114078 114212 114846 115488 115494 115577 114880	28 120 28 110 28 130 28 110 A49 28 120 A49 28 80 28 110 MI		09.05- A10 09.05- 09.05- 09.05-	113830 114872 115875 115884	24 5.5 24 5.5 MI 24 5.5 A49 24 5.5 A49
	[D13B400]	09.05- 09.05- 09.05- 09.05- 09.05- 09.05- MI 09.05-	114078 114212 114846 115488 115494 115577 114880	28 120 28 110 28 130 28 110 A49 28 120 A49 28 80 28 110 MI		09.05- A10 09.05- 09.05- 09.05-	113830 114872 115875 115884	24 5.5 24 5.5 MI 24 5.5 A49 24 5.5 A49
FM 410 10.8	[D11C410]	09.05-	114846	28 130		09.05- 04.12- 04.12- 09.05-	115593 114193 115877 115887	24 5.5 24 5.5 24 5.5 A49 24 5.5 A49
	[D11K410]					04.12- 09.05- 04.12- 09.05-	114193 115593 115877 115887	24 5.5 24 5.5 24 5.5 A49 24 5.5 A49
FM 420 12.8	[D13C420]	09.05- 09.05- 09.05- 09.05- 09.05- 09.05- MI 09.05-	114078 114212 114846 115488 115494 115577 114880	28 120 28 110 28 130 28 110 A49 28 120 A49 28 80 28 110 MI		A10 09.05- 09.05- 09.05- 09.05-	113830 114872 115875 115884	24 5.5 24 5.5 MI 24 5.5 A49 24 5.5 A49
	[D13K420]	04.12- 04.12- 04.12- 04.12-	114078 114212 115488 115494	28 120 28 110 28 110 A49 28 120 A49		04.12- 04.12-	114872 115875	24 5.5 24 5.5 A49
FM 440 12.8	[D13A440]	09.05- 02.12 09.05- 02.12 09.05- 09.05- 02.12 09.05- 02.12 09.05- MI 09.05-	114078 114212 114846 115488 115494 115577 114880	28 120 28 110 28 130 28 110 A49 28 120 A49 28 80 28 110 MI		A10 09.05- 02.12 09.05- 02.12 09.05- 09.05-	114872 115875 113830 115884	24 5.5 MI 24 5.5 A49 24 5.5 24 5.5 A49
	[D13B440]	09.05- 09.05- 09.05- 09.05- 09.05- 09.05- MI 09.05-	114078 114212 114846 115488 115494 115577 114880	28 120 28 110 28 130 28 110 A49 28 120 A49 28 80 28 110 MI		A10 09.05- 09.05- 09.05- 09.05-	113830 114872 115875 115884	24 5.5 24 5.5 MI 24 5.5 A49 24 5.5 A49
FM 450 10.8	[D11C450]	09.05-	114846	28 130		09.05- 04.12- 04.12- 09.05-	115593 114193 115877 115887	24 5.5 24 5.5 24 5.5 A49 24 5.5 A49
	[D11K450]					04.12- 09.05- 04.12- 09.05-	114193 115593 115877 115887	24 5.5 24 5.5 24 5.5 A49 24 5.5 A49
FM 460 12.8	[D13C460]	09.05- 09.05- 09.05- 09.05- 09.05- 09.05- MI 09.05-	114078 114212 114846 115488 115494 115577 114880	28 120 28 110 28 130 28 110 A49 28 120 A49 28 80 28 110 MI		A10 09.05- 09.05- 09.05- 09.05-	114872 115875 113830 115884	24 5.5 MI 24 5.5 A49 24 5.5 24 5.5 A49
	[D13K460]	05.09- 05.09- 05.09- 05.09-	114078 114212 115488 115494	28 120 28 110 28 110 A49 28 120 A49		05.09- 05.09-	114872 115875	24 5.5 24 5.5 A49



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FM 480 12.8	[D13A480]	09.05- 02.12	114078	28 120	A10	09.05- 02.12	114872	24 5.5	MI	
		09.05- 02.12	114212	28 110		09.05- 02.12	115875	24 5.5	A49	
		09.05-	114846	28 130		09.05-	113830	24 5.5		
		09.05- 02.12	115488	28 110 A49		09.05-	115884	24 5.5	A49	
		09.05- 02.12	115494	28 120 A49						
		09.05-	115577	28 80						
	MI	09.05-	114880	28 110 MI						
FM 500 12.8	[D13B500]	09.05-	114846	28 130		09.05-	115875	24 5.5	A49	
		09.07-	114078	28 120		09.07-	113830	24 5.5		
		09.07-	114212	28 110		A10 09.07-	114872	24 5.5	MI	
		09.07-	115488	28 110 A49		09.05-	115884	24 5.5	A49	
		09.07-	115494	28 120 A49						
		09.07-	115577	28 80						
		MI	09.05-	114880	28 110 MI					
	[D13C500]	09.05-	114078	28 120		09.05-	113830	24 5.5		
		09.05-	114212	28 110		A10 09.05-	114872	24 5.5	MI	
		09.05-	114846	28 130		09.05-	115875	24 5.5	A49	
		09.05-	115488	28 110 A49		09.05-	115884	24 5.5	A49	
		09.05-	115494	28 120 A49						
09.05-		115577	28 80							
	MI	09.05-	114880	28 110 MI						
[D13K500]	04.12-	114078	28 120		04.12-	114872	24 5.5			
	04.12-	114212	28 110		04.12-	115875	24 5.5	A49		
	04.12-	115488	28 110 A49							
	04.12-	115494	28 120 A49							
FM 7/250 7.3	[D7C250]	08.98-	111631	28 55	For vehicles with Auxiliary drive/PTO	08.98-	110980	24 5.4		
		08.98-	111746	28 80	For vehicles with Auxiliary drive/PTO	08.98- 12.01	114033	24 4.0		
FM 7/290 7.3	[D7C290]	08.98-	111631	28 55		08.98-	110980	24 5.4		
		08.98-	111746	28 80	For vehicles with Auxiliary drive/PTO	08.98-	114033	24 4.0		
FM 9/260 9.4	[D9A260]	12.01-	111631	28 55		12.01- 09.05	114193	24 5.5		
	Chas. -A557642, -B330018	12.01-	111746	28 80		12.01- 09.05	115877	24 5.5	A49	
FM 9/300 9.4	[D9A300]	12.01-	111631	28 55		12.01- 09.05	114193	24 5.5		
	Chas. -A557642, -B330018	12.01-	111746	28 80		12.01- 09.05	115877	24 5.5	A49	
FM 9/340 9.4	[D9A340]	12.01-	111631	28 55		12.01- 09.05	114193	24 5.5		
		12.01- 08.05	111746	28 80		12.01- 09.05	115877	24 5.5	A49	
	Chas. -A557642, -B330018	12.01-	111746	28 80						
FM 9/380 9.4	[D9A380]	12.01-	111631	28 55		12.01- 09.05	114193	24 5.5		
	Chas. -A557642, -B330018	12.01-	111746	28 80		12.01- 09.05	115877	24 5.5	A49	
FMX 330 10.8	[D11C330]					09.13-	114193	24 5.5		
						09.13-	115593	24 5.5		
						09.13-	115877	24 5.5	A49	
	[D11K330]					09.13-	115887	24 5.5	A49	
						09.13-	114193	24 5.5		
						09.13-	115593	24 5.5		
					09.13-	115877	24 5.5	A49		
					09.13-	115887	24 5.5	A49		
FMX 370 10.8	[D11C370]					09.13-	114193	24 5.5		
						09.13-	115593	24 5.5		
						09.13-	115877	24 5.5	A49	
	[D11K370]					09.13-	115887	24 5.5	A49	
						09.13-	114193	24 5.5		
						09.13-	115593	24 5.5		
					09.13-	115877	24 5.5	A49		
					09.13-	115887	24 5.5	A49		
FMX 380 12.8	[D13C380]	04.10-	114078	28 120		04.10-	114872	24 5.5		
		04.10-	114212	28 110		04.10-	115875	24 5.5	A49	
		04.10-	115488	28 110 A49						
		04.10-	115494	28 120 A49						
		04.10-	115577	28 80						
FMX 410 10.8	[D11C410]					09.13-	114193	24 5.5		
						09.13-	115593	24 5.5		
						09.13-	115877	24 5.5	A49	
	[D11K410]					09.13-	115887	24 5.5	A49	
						09.13-	114193	24 5.5		
						09.13-	115593	24 5.5		
					09.13-	115877	24 5.5	A49		
					09.13-	115887	24 5.5	A49		
FMX 420 12.8	[D13C420]	01.11-	114078	28 120		01.11-	114872	24 5.5		
		01.11-	114212	28 110		01.11-	115875	24 5.5	A49	
		01.11-	115488	28 110 A49						
		01.11-	115494	28 120 A49						
	[D13K420]	09.13-	115577	28 80						
		09.13-	114078	28 120		09.13-	114872	24 5.5		
		09.13-	114212	28 110		09.13-	115875	24 5.5	A49	
FMX 450 10.8	[D11C450]					09.13-	114193	24 5.5		
						09.13-	115593	24 5.5		
						09.13-	115877	24 5.5	A49	
	[D11K450]					09.13-	115887	24 5.5	A49	
						09.13-	114193	24 5.5		
						09.13-	115593	24 5.5		
					09.13-	115877	24 5.5	A49		
					09.13-	115887	24 5.5	A49		
FMX 460 12.8	[D13C460]	04.10-	114078	28 120		04.10-	114872	24 5.5		
		04.10-	114212	28 110		04.10-	115875	24 5.5	A49	
		04.10-	115488	28 110 A49						
		04.10-	115494	28 120 A49						
	[D13K460]	09.13-	114078	28 120		09.13-	114872	24 5.5		
		09.13-	114212	28 110		09.13-	115875	24 5.5	A49	
		09.13-	115488	28 110 A49						



FMX 500 12.8	[D13C500]	01.11-	114078	28 120	01.11-	114872	24 5.5
		01.11-	114212	28 110	01.11-	115875	24 5.5 A49
		01.11-	115488	28 110 A49			
		01.11-	115494	28 120 A49			
	[D13K500]	09.13-	114078	28 120	09.13-	114872	24 5.5
		09.13-	114212	28 110	09.13-	115875	24 5.5 A49
		09.13-	115488	28 110 A49			
		09.13-	115494	28 120 A49			
FMX 540 12.8	[D13C540]				01.11-	114872	24 5.5
					01.11-	115875	24 5.5
	[D13K540]	09.13-	114078	28 120	09.13-	114872	24 5.5
		09.13-	114212	28 110	09.13-	115875	24 5.5 A49
		09.13-	115488	28 110 A49			
		09.13-	115494	28 120 A49			
FS 718/260 6.7	[D7B230]	09.94- 03.96	111658	28 55 PR	09.94- 03.96	110980	24 5.4
		09.94- 03.96	112345	28 55 BO			
		09.94- 03.96	112784	28 45			
		09.94- 03.96	112803	28 80			
	[D7B260]	09.94- 03.96	111528	28 55 DR	09.94- 03.96	110980	24 5.4
		09.94- 03.96	111658	28 55 PR			
		09.94- 03.96	112345	28 55 BO			
		09.94- 03.96	112784	28 45			
		09.94- 03.96	112803	28 80			
N 10/300 9.6	[TD100B]	01.80- 12.98	112345	28 55	01.80- 12.98	110207	24 5.4
		01.80- 12.98	112784	28 45			
	[TD101F]	01.80- 12.98	112345	28 55	01.80- 12.98	110207	24 5.4
		01.80- 12.98	112784	28 45			
N 7 6.7	[TD70ES]	08.78- 11.87	112345	28 55	01.73- 09.80	115623*	24 4.0 BO
		08.78- 11.87	112784	28 45	11.74- 07.78	110519	12 3.0
		11.78- 01.86	111528	28 55	01.73- 09.80	114047	24 4.0
		02.86-	111658	28 55			
NH 12/380 12.1	[D12C380]	05.99-	111746	28 80	05.99-	112116	24 6.6
NH 12/420 12.1	[D12C420]	05.99-	111746	28 80	05.99-	112116	24 6.6
Various models		01.89- 01.97	112996	14 115	06.61- 12.65	111217	12 3.0
		01.90- 01.95	113432	14 145		115464*	24 6.0
			114359	14 170		116044	24 6.0 A49
<b>TRUCKS US</b>							
Various models	[Cummins]				01.94- 01.04	112089	12
		01.94-	113739	14 130		112494	24 4.0
		01.90- 01.95	113432	14 145	Only B-series / F-series 03.75- 12.97	110519	12 3.0
		12.94	111232	14 115			
		01.89- 12.93	112993	14 130			
		01.89- 12.93	112994	14 100			
		01.89- 01.97	112996	14 115			
		01.00- 01.07	113579	14 145			
<b>INDUSTRY</b>							
BM4200 Wheel Loader	[4-236]					114170	24 4.0
EC 150 C Excavator		01.97-	111658	28 55			
EC130C	[TD40GDE]					112037	24 4.0
EC15r Diesel	[mitsubishi Equipped]		114079	14 40			
EC340	[TD103KAE]				01.01-	111046	24 6.6
EC380	[TD103KAE]				01.01-	111046	24 6.6
EW130C	[TD40GDE]					112037	24 4.0
L50	[TD40GFE]				01.93- 01.95	112037	24 4.0
Various models						114393	24 7.5
						116044	24 6.0 A49
						115464*	24 6.0
						114170	24 4.0
<b>Volvo BM</b>							
<b>AGRICULTURE</b>							
861 5.5	[TD60B]				09.79- 07.86	113482	12 3.0
2650 5.5	[TD60B]	05.79- 06.82	112742	14 90	05.79- 06.82	113482	12 3.0
2654 5.5	[TD60B]	05.79- 06.82	112742	14 90	05.79- 06.82	113482	12 3.0
A20 6.7					08.86- 08.01	113850	24 5.4
L 120 6.7		01.87- 01.02	113477	28 55			
L 160		01.87-	111528	28 55	01.87- 12.90	110207	24 5.4
		01.87- 01.02	113477	28 55			
L 70 4.5	[TD45B]	11.91-	113477	28 55			
L 90 5.5	[TD61GB]	11.91- 01.94	113477	28 55			
LM 621 4.0 Diesel	[D42A]				09.70- 06.78	112132	24 4.0
LM 641 4.0 Diesel	[D42A]				09.70- 06.78	112132	24 4.0
LM 841 5.0 Diesel	[D50B]				04.72- 05.75	112132	24 4.0
LM 845 5.0 Diesel	[D50B]				01.71- 12.73	112132	24 4.0
LM 846 5.0 Diesel	[D50B]				05.72- 12.75	112132	24 4.0
SM 868 5.0	[D50B]				08.70- 10.74	113482	12 3.0
SM 980 5.0	[TD50B]				11.71- 06.76	113482	12 3.0
T 650 4.0	[D42A]				02.70- 06.82	113482	12 3.0
T 700 4.0	[TD42]				06.76- 06.82	113482	12 3.0
T350 Diesel					01.61- 08.64	110537	12 3.6
T800 Diesel	[D50A]		112310	14 55	01.67- 12.75	111217	12 3.0
					01.67- 01.75	110537	12 3.6
T810 Diesel	[TD50A]		112310	14 55	03.69- 12.75	111217	12 3.0
					01.69- 01.75	110537	12 3.6
T814 Diesel	[TD50A]		112310	14 55	01.69- 01.75	110537	12 3.6
Various Tractors			114465	14 70		116044	24 6.0
<b>INDUSTRY</b>							
EC160C	[BF6M2013C]					114873	24 5.5
EC180C	[BF6M2013C]					114873	24 5.5
EC200B prime	[BF6M2013C]					114873	24 5.5
EC210BLC prime	[BF6M2013C]					114873	24 5.5
EC210C	[BF6M2013C]					114873	24 5.5
ECR235C	[BF6M2013C]					114873	24 5.5
EW145B prime	[BF6M2013C]					114873	24 5.5
L60E	[BF6M2013C]					114873	24 5.5
L60F	[BF6M2013C]					114873	24 5.5
L70E	[BF6M2013C]					114873	24 5.5





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L70F	[BF6M2013C]					114873	24	5.5	
L90E	[BF6M2013C]					114873	24	5.5	
L90F	[BF6M2013C]					114873	24	5.5	
<b>MOTORS</b>									
Engine Diesel	[D45]				06.83-	112132	24	4.0	
<b>Volvo Penta</b>									
<b>MARINE</b>									
Engine 0.4	[2001]	01.91-	111397	14	45	01.91-	111404	12	1.1
Engine 0.7	[MD7B]	06.81- 07.83	110127	14	70				
Engine 0.9	[2002]	06.83- 01.93	111397	14	45	06.83- 01.93	111404	12	1.1
Engine 1.1	[MD11]	07.75- 06.83	111397	14	45				
			110127	14	70				
Engine 1.3	[2003]	06.83- 01.93	111397	14	45	06.83- 01.93	111404	12	1.1
Engine 1.7	[MD17]	09.75- 06.84	111397	14	45				
			110127	14	70				
	[MD3B]					05.71- 10.75	113705	12	1.9
Engine 12.1	[D126]					01.99-	114527	24	6.0
	[D12-650]					01.99-	114527	24	6.0
	[D12-675]					01.99-	114527	24	6.0
	[D12-715]					01.99-	114527	24	6.0
	[D12-800]					01.99-	114527	24	6.0
Engine 2.0	[AQ130]		110048	14	35	01.70- 12.77	111054	12	1.1
Engine 2.3	[AQ140]		110048	14	35	11.75- 12.79	111054	12	1.1
	[AQ145]	03.79- 12.85	111397	14	45	03.79- 12.85	111054	12	1.1
			113631	14	90				
Engine 2.3	[AQ131]					01.87-	111404	12	1.1
Engine 2.4	[TAMD30]	01.83- 06.86	111397	14	45				
	[TMD30]	01.83- 06.86	111397	14	45				
Engine 3.0	[AQ170]		110048	14	35	01.70- 12.78	111054	12	1.1
Engine 3.5	[TMD40]	01.77- 01.86	111528	28	55				
		02.77- 06.86	111397	14	45				
Engine 3.6	[TMD41B]	01.86- 12.97	111397	14	45	01.86- 12.97	111047	12	3.1
Engine 5.0	[AQ200]	01.70-	110127	14	70				
		01.70-	111397	14	45				
	[AQ225]		110127	14	70				
Engine 5.1	[TMD50]	10.96-	110048	14	35				
		10.96-	110127	14	70				
Engine 5.5	[TAMD60]	10.76- 10.86	110112	28	40	10.76-	110538	12	3.6
		10.86-	112784	28	45				
	[TD60.]	01.82- 06.86	110112	28	40	01.82- 06.86	112507	24	5.4
		01.86-	112784	28	45	01.82- 06.86	111218	24	5.4
Engine 5.7	[AQ290]	01.79-	110127	14	70				
Engine 6.7	[AQD70]	03.71-	110048	14	35	03.71- 06.82	111218	24	5.4
						03.71-	110538	12	3.6
	[TAMD72]	07.91-	111658	28	55				
	[TMD70]	12.72-	110048	14	35	12.72-	110538	12	3.6
		12.72-	110127	14	70	12.72-	111218	24	5.4
Engine 9.6	[TMD100]	01.72- 05.85	110175	28	100				
		01.72- 05.85	110176	28	175				
Engine	[AQ100]		110048	14	35				
			110052	28	40				
			113477	28	55				
	[AQ120]		110048	14	35				
			110127	14	70				
			111397	14	45				
			113631	14	90				
	[AQ165]		110048	14	35				
	[AQ21]		110048	14	35				
Engine	[D4]		114845	28	80				
	[D6]		114845	28	80				
	[KAD32P]		111397	14	45				
	[KAD44P]		111397	14	45				
	[MD2010]	01.93-	111397	14	45				
	[MD2020]	01.93-	111397	14	45				
	[MD2030]	01.93-	111397	14	45	01.93-	110552	12	1.2
	[MD2040]	01.93-	111397	14	45	01.93-	111300	12	1.4
	[TMD22P]	01.97-	111397	14	45				
Engine	[D1-13]	01.05-	113971	14	115				
	[D1-20]	01.05-	113971	14	115				
	[D1-30]	01.05-	113971	14	115				
	[D2-40]	01.05-	113971	14	115				
	[D2-55]	01.05-	113971	14	115				
	[D4-250]	01.05-	113971	14	115				
	[D6-310]	01.05-	113971	14	115				
	[D6-435]	01.05-	113971	14	115				
	[KAD43DP]					01.97-	113207	12	2.8
Various models			113631	14	90	01.70- 06.84	111219	24	6.6
			110175	28	100		111699	12	1.6
			113477	28	55		114818	12	3.6
			114843	28	80		114819	24	5.5
			113382	14	60		114393	24	7.5
			110176	28	175		112130	12	PL
			110048	14	35	01.97-	112232	12	2.4
							111047	12	3.1
<b>VW</b>									
<b>PASSENGER CARS EU</b>									
181 1.5	[H]					09.69- 07.70	110363	12	0.7
181 1.6	[AG]					08.70- 03.73	110363	12	0.7
411 1.7	[V]					08.69- 07.73	110363	12	0.7
	[Z]					08.69- 07.73	110363	12	0.7
411 1.7 E	[W]					08.69- 07.72	110363	12	0.7
412 1.7	[W]					08.69- 07.72	110363	12	0.7
412 1.8 E	[AN]					08.73- 07.74	110363	12	0.7
	[AT]					08.73- 07.74	110363	12	0.7
1500 1.5	[K]					08.69- 07.73	110363	12	0.7
1600 1.5	[K]					08.66- 07.73	110363	12	0.7



1600 1.6	[T]					08.66-07.73	110363	12	0.7
	[U]					08.66-07.73	110363	12	0.7
1600 1.6 TL	[T]					08.66-07.73	110363	12	0.7
	[U]					08.66-07.73	110363	12	0.7
Amarok 2.0 BiTDi	[CDCA]	09.10-	115707	14 110					
		09.10-	115730	14 140					
Amarok 2.0 BiTDi 4motion	[CDCA]	09.10-	115730	14 140					
Amarok 2.0 TDi	[CDBA]	09.10-	115730	14 140					
	[CNFA]	09.10-	115730	14 140					
Amarok 2.0 TDi 4motion	[CDBA]	09.10-	115730	14 140					
	[CNEA]					11.11-	115736	12	1.7
	[CNFA]	09.10-	115730	14 140					
	[CSHA]					11.11-	115736	12	1.7
		09.11-	115707	14 110		09.11-	115736	12	1.7
		09.11-	115826	14 140					
Beetle 1.2 TSI	[CBZB]	07.11-	115765	14 140		10.11-	114175	12	1.1
		07.11-	115767*	14 140		07.11-	115612	12	1.2
						07.11-	115645	12	2.0
	[CYVD]					12.14-	115561	12	1.7
Beetle 1.4 TSI	[CAVD]	12.12-	114884	14 140		12.12-	114163	12	1.1
						10.11-	115612	12	1.2
	[CNWA]	12.12-	114884	14 140		04.11-	115612	12	1.2
						12.12-	114163	12	1.1
	[CTHD]	12.12-	114884	14 140		04.11-	115612	12	1.2
						12.12-	114163	12	1.1
	[CTKA]	12.12-	114884	14 140		04.11-	115612	12	1.2
						12.12-	114163	12	1.1
	[CZDA]					12.14-	115612	12	1.2
						12.14-	115696	12	1.1
						12.14-	115818	12	1.1
Beetle 1.6 TDI	[CAYC]	10.11-	113992	14 140		10.11-	114299	12	1.7
		10.11-	115433*	14 140		10.11-	115610	12	2.0
						10.11-	115634	12	1.8
Beetle 2.0 TSI	[CBFA]	10.11-	114722	14 140		10.11-	113773	12	1.1
						04.11-	115900	12	1.1
	[CCTA]	10.11-	114722	14 140		10.11-	113773	12	1.1
						04.11-	115900	12	1.1
	[CCZA]	04.11-	114722	14 140		04.11-	113773	12	1.1
						04.11-	115900	12	1.1
	[CPLA]					12.12-	115696	12	1.1
						12.12-	115900	12	1.1
	[CPPA]					12.12-	115696	12	1.1
						12.12-	115900	12	1.1
	[CULC]					12.14-	115561	12	1.7
Beetle 2.0 TDI	[CFFB]					12.12-	113841	12	1.7
						12.12-	115638	12	1.7
	[CJAA]	12.12-	113992	14 140		12.12-	113841	12	1.7
						12.12-	115638	12	1.7
	[CUUA]					12.14-	115336	12	2.2
	[CUUB]					07.14-	115402	12	1.8
						07.14-	115539	12	2.0
						07.14-	116097*	12	2.0
	[CVCA]					07.14-	115402	12	1.8
						07.14-	115539	12	2.0
						07.14-	116097*	12	2.0
	[DELA]					09.14-	115402	12	1.8
						09.14-	116097*	12	2.0
Bora 1.4 16V	[AHW]	10.98-	111989	14 90		09.01-05.05	115504	12	1.1 A49
		10.98-	112075	14 70		09.01-05.05	111909	12	1.1
		10.98-06.05	115482	14 90 A49					
	AC	10.98-	111989	14 90					
	[AKQ]	09.98-05.00	111989	14 90					
		09.98-05.00	112075	14 70					
		09.98-05.00	115482	14 90 A49					
	[APE]	01.99-05.00	111989	14 90		03.00-05.05	111909	12	1.1
		01.99-05.00	112075	14 70		01.99-05.00	115504	12	1.1 A49
		01.99-05.00	115482	14 90 A49					
	[AXP]	05.00-10.01	111989	14 90		05.00-05.05	111909	12	1.1
		05.00-10.01	112075	14 70		05.00-10.01	115504	12	1.1 A49
		05.00-10.01	115482	14 90 A49					
	AC	09.01-	111989	14 90					
	[BCA]	09.01-	112075	14 70		09.01-05.05	115504	12	1.1 A49
		09.01-05.05	115482	14 90 A49		09.01-05.05	111909	12	1.1
		10.01-	111989	14 90					
	AC	09.01-	111989	14 90					
Bora 1.6	[AEH]	09.98-	111989	14 90		10.98-06.01	111909	12	1.1
		09.98-	112075	14 70		10.98-06.01	115504	12	1.1 A49
		10.98-06.01	115482	14 90 A49					
	[AKL]	09.98-	111989	14 90		09.98-	111909	12	1.1
		09.98-	112075	14 70		09.98-05.05	115504	12	1.1 A49
		09.98-05.05	115482	14 90 A49					
		09.98-05.05	115483	14 120 A49					
		10.98-05.05	112002	14 120 A47					
		10.98-05.05	114797	14 120 A46					
	[APF]	05.99-	111989	14 90		05.99-09.00	111909	12	1.1
		05.99-	112075	14 70		05.99-09.01	115504	12	1.1 A49
		05.99-09.01	115482	14 90 A49					
	[ATN]	08.99-05.00	111989	14 90		08.99-05.00	111909	12	1.1
		08.99-05.00	112075	14 70		08.99-05.00	115504	12	1.1 A49
		08.99-	113887	14 90					
		08.99-05.00	115482	14 90 A49					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

	[AVU]	08.00- 08.00- 08.00- 05.05 08.00- 05.05 08.00- 05.05 08.00- 05.05	111989 112002 112075 114797 115482 115483	14 90 14 120 A47 14 70 14 120 A46 14 90 A49 14 120 A49		08.00- 05.05 08.00- 05.05	111909 115504	12 1.1 12 1.1 A49
	[AWB]	06.02- 10.04 06.02- 10.04	111989 115482	14 90 14 90 A49		06.02- 10.04 06.02- 10.04 06.02- 10.04	111909 112005 115504	12 1.1 12 1.1 12 1.1 A49
	[BAD]					01.02-	113515	12 0.9
	[BFO]	08.00- 05.05 08.00- 05.05 08.00- 05.05 08.00- 05.05 08.00- 05.05	111989 112002 112075 115482 115483	14 90 14 120 14 70 14 90 A49 14 120 A49		08.00- 05.05 08.00- 05.05	111909 115504	12 1.1 12 1.1 A49
	[BJH]	08.00- 05.05 08.00- 05.05 12.01- 06.06 12.01- 06.06	111989 112002 115482 115483	14 90 14 120 14 90 A49 14 120 A49		08.00- 05.05 12.01- 06.06	111909 115504	12 1.1 12 1.1 A49
Bora 1.6 16V	[ATN]	08.99- 05.05 11.99- 05.00 11.99- 05.00 Chas. 1J-X-000 001- 11.99- 05.00	115482 111989 112075 111989	14 90 A49 14 90 14 70 14 90		08.99- 05.00 08.99- 05.00	111909 115504	12 1.1 12 1.1 A49
	[AUS]	02.00- 10.00 02.00- 10.00 05.00- 10.00 05.00- 10.00	111989 112075 112274 115482	14 90 14 70 14 90 14 90 A49		05.00- 10.00 05.00- 10.00	111909 115504	12 1.1 12 1.1 A49
	[AZD]	02.00- 02.00- 11.01 02.00- 11.01 09.00- 11.01 AC 02.00- 11.01	111989 112075 112273 115482 111989	14 90 14 70 14 70 14 90 A49 14 90		09.00- 11.01 09.00- 11.01	115504 111909	12 1.1 A49 12 1.1
	[BCB]	02.00- 02.00- 11.01- 05.05 11.01- 05.05 11.01- 05.05 AC 02.00- 05.05	111989 112273 112075 112274 115482 111989	14 90 14 70 14 70 14 90 14 90 A49 14 90		11.01- 05.05 11.01-	115504 111909	12 1.1 A49 12 1.1
Bora 1.8	[AGN]	10.98- 10.00 10.98- 10.00 10.98- 10.00	111989 112075 115482	14 90 14 70 14 90 A49		10.98- 04.01	112005	12 1.1
	[ARX]	09.00- 04.01 09.00- 04.01 09.00- 04.01	111989 112075 115482	14 90 14 70 14 90 A49		4SP 05.00- 05.05 5SP 05.00- 05.05 6SP 05.00- 05.05 09.00- 04.01	111909 112005 112429 115504	12 1.1 12 1.1 12 2.0 12 1.1 A49
	[AUM]	05.00- 05.05 05.00- 05.05 09.00- 05.05 09.00- 05.05 09.00- 05.05 09.00- 05.05 09.00- 05.05	112002 114797 111989 112075 115482 115483	14 120 A47 14 120 A46 14 90 14 70 14 90 A49 14 120 A49		09.00- 05.05	112005	12 1.1
	[BAF]	08.01- 05.05 10.98- 05.05	115482 111989	14 90 A49 14 90		08.01- 10.98- 05.05 08.01- 05.05	112005 111909 115504	12 1.1 12 1.1 12 1.1 A49
Bora 1.8 4 Motion	[AGN]	02.99- 10.00 02.99- 10.00 02.99- 10.00	111989 112075 115482	14 90 14 70 14 90 A49		02.99- 10.00	112005	12 1.1
Bora 1.8 Turbo	[AGU]	05.00- 05.05 05.00- 05.05 05.00- 05.05 05.00- 05.05 05.00- 05.05 09.00- 05.05	111989 112002 112075 114797 115482 115483	14 90 14 120 A47 14 70 14 120 A46 14 90 A49 14 120 A49		5SP 05.00- 05.05 AT 05.00- 6SP 05.00- 04.01 05.00- 05.05	112005 111909 112429 115504	12 1.1 12 1.1 12 2.0 12 1.1 A49
	[ARX]	05.00- 05.05 05.00- 05.05 09.00- 04.01 09.00- 04.01 09.00- 04.01 09.00- 04.01 09.00- 04.01	112002 114797 111989 112075 115482 115483	14 120 A47 14 120 A46 14 90 14 70 14 90 A49 14 120 A49		09.00-	112429	12 2.0
	[AUM]	05.00- 05.05 05.00- 05.05 05.00- 05.05 05.00- 05.05 09.00- 05.05 09.00- 05.05	111989 112002 112075 114797 115482 115483	14 90 14 120 A47 14 70 14 120 A46 14 90 A49 14 120 A49		AT 09.00- 5SP 09.00- 6SP 09.00- 04.01 09.00- 05.05	111909 112005 112429 115504	12 1.1 12 1.1 12 2.0 12 1.1 A49
	[AUC]	03.02- 05.05 03.02- 05.05 05.02- 05.03 05.02- 05.03 05.02- 05.03 05.02- 05.03 AC 05.02- 05.03	112002 114797 111989 112075 115482 115483 111989	14 120 A47 14 120 A46 14 90 14 70 14 90 A49 14 120 A49 14 90		03.02- 05.05	114174	12 1.1
	[BAE]	05.00- 05.05 08.01- 01.06	111989 115482	14 90 14 90 A49		08.01- 08.01- 08.01- 01.06	111909 112005 115504	12 1.1 12 1.1 12 1.1 A49
Bora 1.9 SDI	[AGP]	09.98- 04.01 10.98- 05.05 10.98- 05.05 10.98- 05.05 10.98- 05.05	115483 112002 112079 113340 114789	14 120 A49 14 120 14 90 14 70 14 90 A49		10.98- 05.05	112286	12 1.7
	[AQM]	10.98- 10.98- 10.98- 10.98- 05.05 10.98- 05.05 10.98- 05.05	112002 112079 113340 114789 114797 115483	14 120 A47 14 90 A47 14 70 14 90 A49 14 120 A46 14 120 A49		10.98- 05.05	112286	12 1.7



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Bora 1.9 TDi	[AGR]	10.98-05.05	112002	14 120 A47	10.98-05.05	111900	12 1.8
		10.98-	112079	14 90 A47	05.99-	112429	12 2.0
		10.98-05.05	113340	14 70	AT 10.98-	112286	12 1.7
		10.98-06.01	114789	14 90 A49	10.98-05.05	115503	12 1.8 A49
		10.98-06.01	114797	14 120 A46			
	[AHF]	10.98-	112002	14 120 A47	10.98-	111900	12 1.8
	10.98-	112079	14 90 A47	AT 10.98-	112286	12 1.7	
	10.98-	113340	14 70	05.99-05.05	115503	12 1.8 A49	
	10.98-06.01	114797	14 120 A46				
	10.98-05.05	115483	14 120 A49				
	[AJM]	09.98-05.01	115483	14 120 A49	12.98-06.01	112429	12 2.0
	12.98-06.01	112002	14 120 A47				
	12.98-06.01	112079	14 90 A47				
	12.98-05.00	113340	14 70				
	12.98-06.01	114789	14 90 A49				
	12.98-06.01	114797	14 120 A46				
	05.99-05.00	112075	14 70				
	[ALH]	10.98-	112002	14 120 A47	10.98-	111900	12 1.8
	10.98-	112079	14 90 A47	AT 10.98-	112286	12 1.7	
	10.98-	113340	14 70	10.98-05.05	115503	12 1.8 A49	
10.98-06.01	114789	14 90 A49					
10.98-06.01	114797	14 120 A46					
10.98-05.05	115483	14 120 A49					
[ARL]	01.00-05.05	115483	14 120 A49	09.00-05.05	112429	12 2.0	
05.00-	112002	14 120 A47					
05.00-	112079	14 90 A47					
05.00-05.05	114797	14 120 A46					
10.00-	113340	14 70					
[ASV]	05.00-05.05	115483	14 120 A49	05.00-05.05	115503	12 1.8 A49	
10.98-06.01	112002	14 120	10.98-06.01	111900	12 1.8		
10.98-06.01	113340	14 70	AT 10.98-	112286	12 1.7		
[ASZ]	11.00-	112002	14 120 A47	11.00-02.05	112429	12 2.0	
11.00-	112079	14 90 A47					
11.00-	113340	14 70					
11.00-05.05	114797	14 120 A46					
01.01-05.05	115483	14 120 A49					
[ATD]	01.00-06.06	115483	14 120 A49	09.00-05.05	111900	12 1.8	
09.00-	112002	14 120 A47	6SP 01.00-05.05	112429	12 2.0		
09.00-	112079	14 90 A47	01.00-06.06	115503	12 1.8 A49		
09.00-	113340	14 70					
09.00-05.05	114789	14 90 A49					
09.00-05.05	114797	14 120 A46					
[AUY]	01.00-04.01	112075	14 70	12.98-06.01	112429	12 2.0	
01.00-04.01	115483	14 120 A49					
12.98-06.01	112002	14 120 A47					
12.98-06.01	112079	14 90 A47					
12.98-06.01	113340	14 70					
12.98-06.01	114789	14 90 A49					
05.99-06.01	114797	14 120 A46					
[AXR]	09.00-05.05	112002	14 120 A47	09.00-05.05	111900	12 1.8	
09.00-05.05	112079	14 90 A47	6SP 05.01-05.05	112429	12 2.0		
09.00-05.05	113340	14 70	05.01-05.05	115503	12 1.8 A49		
09.00-05.05	114789	14 90 A49					
05.01-05.05	115483	14 120 A49					
Bora 1.9 TDi 4 Motion	[AGR]	02.99-06.01	112002	14 120 A47	02.99-06.01	111900	12 1.8
		02.99-06.01	112079	14 90 A47	AT 02.99-	112286	12 1.7
		02.99-06.01	113340	14 70	02.99-05.05	115503	12 1.8 A49
		02.99-06.01	114789	14 90 A49			
		02.99-05.05	115483	14 120 A49			
	[AJM]	09.98-05.01	115483	14 120 A49	02.99-02.00	112429	12 2.0
	02.99-06.01	112002	14 120 A47				
	02.99-06.01	112079	14 90 A47				
	02.99-05.00	113340	14 70				
	02.99-06.01	114789	14 90 A49				
	02.99-06.01	114797	14 120 A46				
	[ALH]	09.98-05.05	115483	14 120 A49	02.99-	111900	12 1.8
	02.99-	112002	14 120 A47	AT 02.99-	112286	12 1.7	
	02.99-	112079	14 90 A47	09.98-05.05	115503	12 1.8 A49	
	02.99-	113340	14 70				
	02.99-06.01	114789	14 90 A49				
	02.99-06.01	114797	14 120 A46				
	[ARL]	05.00-	112002	14 120 A47	09.00-05.05	112429	12 2.0
	05.00-	112079	14 90 A47				
	05.00-05.05	114797	14 120 A46				
09.00-05.05	115483	14 120 A49					
10.00-	113340	14 70					
[ASZ]	11.00-	112002	14 120 A47	11.00-02.05	112429	12 2.0	
11.00-	112079	14 90 A47					
11.00-05.05	114797	14 120 A46					
01.01-	113340	14 70					
01.01-05.05	115483	14 120 A49					
[ATD]	01.00-06.06	115483	14 120 A49	09.00-05.05	111900	12 1.8	
09.00-	112002	14 120 A47	6SP 05.00-05.05	112429	12 2.0		
09.00-	112079	14 90 A47	01.00-06.06	115503	12 1.8 A49		
09.00-	113340	14 70					
09.00-05.05	114789	14 90 A49					
09.00-05.05	114797	14 120 A46					
[AUY]	05.00-06.01	114797	14 120 A46	05.99-06.01	112429	12 2.0	
05.00-04.01	115483	14 120 A49					
05.99-06.01	112002	14 120 A47					
05.99-06.01	112079	14 90 A47					
05.99-06.01	113340	14 70					
05.99-06.01	114789	14 90 A49					





Application list

VW Continued

Bora 2.0	[APK]	10.98- 05.05	115482	14 90 A49		10.98- 05.05	115504	12 1.1 A49
		11.98-	111989	14 90	AT 11.98-	111909	12 1.1	
		11.98-	112075	14 70	11.98-	112005	12 1.1	
	[AQY]	09.98-	111989	14 90	AT 09.98-	111909	12 1.1	
		09.98-	112075	14 70	09.98- 05.05	115504	12 1.1 A49	
		09.98- 05.05	115482	14 90 A49	09.98-	112005	12 1.1	
		09.98- 05.05	115483	14 120 A49				
		10.98- 05.05	112002	14 120				
	[AZG]	04.00- 05.05	111989	14 90	AT 05.99-	111909	12 1.1	
		04.00- 05.05	112075	14 70	05.99-	112005	12 1.1	
		04.00- 05.05	115482	14 90 A49	04.00- 05.05	115504	12 1.1 A49	
		05.01- 05.05	115483	14 120 A49				
		05.99- 05.05	112002	14 120 A47				
	[AZH]	05.99- 05.05	114797	14 120 A46				
		04.00- 05.05	111989	14 90	04.00- 06.01	112005	12 1.1	
		04.00- 06.01	112075	14 70	05.01- 05.05	115504	12 1.1 A49	
		04.00- 05.05	115482	14 90 A49	04.00- 05.05	111909	12 1.1	
		04.00- 05.05	115483	14 120 A49				
	[AZJ]	05.99- 05.05	112002	14 120 A47				
		05.99- 05.05	114797	14 120 A46				
04.00- 05.05		111989	14 90	AT 04.00- 05.05	111909	12 1.1		
04.00- 05.05		115482	14 90 A49	05.01- 05.05	112005	12 1.1		
04.00- 05.05		115483	14 120 A49	04.00- 05.05	115504	12 1.1 A49		
[BBW]	05.01- 05.05	112075	14 70					
	05.99- 05.05	112002	14 120 A47					
	05.99- 05.05	114797	14 120 A46					
	10.98- 05.05	111989	14 90	10.98- 05.05	111909	12 1.1		
	10.98- 05.05	112002	14 120	10.98- 05.05	115504	12 1.1 A49		
Bora 2.0 4 Motion	[AZH]	10.98- 05.05	112075	14 70				
		10.98- 05.05	115482	14 90 A49				
		10.98- 05.05	115483	14 120 A49				
		10.98- 05.05	115482	14 90 A49				
		10.98- 05.05	115483	14 120 A49				
	[AZJ]	04.00- 05.05	111989	14 90	AT 04.00- 05.05	111909	12 1.1	
		04.00- 05.05	112002	14 120 A47	05.01- 05.05	112005	12 1.1	
		04.00- 06.01	112075	14 70	04.00- 05.05	115504	12 1.1 A49	
		04.00- 05.05	114797	14 120 A46				
		05.01- 05.05	115482	14 90 A49				
Bora 2.3 V5	[AGZ]	05.01- 05.05	115483	14 120 A49				
		08.97-	113340	14 70	AT 08.97-	112286	12 1.7	
		10.98-	112002	14 120 A47	10.98- 10.00	114160	12 1.8	
		10.98-	112079	14 90 A47				
		10.98- 10.00	114789	14 90 A49				
	[AQN]	10.98- 10.00	114797	14 120 A46				
		10.98- 02.01	115483	14 120 A49				
		09.00- 05.05	115483	14 120 A49	5SP 10.00- 05.05	112166	12 1.7	
		10.00-	112002	14 120 A47	6SP 10.00- 05.05	112429	12 2.0	
		10.00-	112079	14 90 A47	10.00- 05.05	114160	12 1.8	
Bora 2.3 V5 4 Motion	[AGZ]	10.00-	113340	14 70				
		10.00- 05.05	114797	14 120 A46				
		12.98-	112002	14 120 A47	AT 12.98-	112286	12 1.7	
		12.98-	112079	14 90 A47	12.98- 10.00	114160	12 1.8	
		12.98-	113340	14 70				
	[AQN]	12.98- 10.00	114789	14 90 A49				
		12.98- 10.00	114797	14 120 A46				
		12.98- 02.01	115483	14 120 A49				
		09.00- 05.05	115483	14 120 A49	6SP 10.00- 05.05	112429	12 2.0	
		10.00-	112002	14 120 A47	10.00- 05.05	114160	12 1.8	
Bora 2.8 V6 4 Motion	[AOP]	10.00-	112079	14 90 A47	5SP 10.00- 05.05	112166	12 1.7	
		10.00-	113340	14 70				
	[AUE]	03.99-	112079	14 90 A47	05.99- 05.00	112429	12 2.0	
		03.99-	113340	14 70				
		01.00-	113340	14 70	01.00- 04.01	112429	12 2.0	
	[BDE]	01.00- 04.01	115483	14 120 A49	AT 05.00- 05.05	114308	12 1.4	
		05.00-	112002	14 120 A47				
		05.00-	112079	14 90 A47				
		05.00- 05.05	114797	14 120 A46				
		05.00- 05.05	112002	14 120 A47	05.01- 05.05	112429	12 2.0	
Bora 2.8 VR6	[AUE]	05.01- 05.05	115483	14 120 A49				
		03.00- 05.00	112002	14 120 A47	03.00- 05.00	112429	12 2.0	
	03.00- 05.00	112079	14 90 A47	03.00- 05.00	114308	12 1.4		
	03.00- 05.00	113340	14 70					
	03.00- 05.00	114789	14 90 A49					
Caddy 1.0 TSI	[CHZG]	03.00- 05.00	115483	14 120 A49				
		11.15-			11.15-	115818	12 1.1	
Caddy 1.2 CDTi 16V	[CBZA]	09.10-	115765	14 140	09.10-	114175	12 1.1	
					09.10-	115612	12 1.2	
	[CBZB]	09.10-	115765	14 140	09.10-	115645	12 2.0	
					09.10-	115612	12 1.2	
Caddy 1.4	[AEX]	09.10-	115645	12 2.0				
		11.95- 12.97	111352	14 70	11.95- 01.04	112307	12 1.1	
		11.95-	111479	14 90				
		PS 11.95- 12.97	111353	14 70				
	[AKV]	PS 11.95- 12.97	111477	14 90				
		11.97- 09.00	111352	14 70	11.95- 01.04	112307	12 1.1	
		PS 11.97- 09.00	111353	14 70				
	[APQ]	PS 11.97- 09.00	111477	14 90				
		12.97- 01.04	111352	14 70	11.95- 01.04	112307	12 1.1	
		PS 12.97- 01.04	111353	14 70				
	PS 12.97- 01.04	111477	14 90					



	[AUA]	08.00- 01.04	112274	14 90		08.00-	112307	12 1.1
		08.00- 01.04	113340	14 70				
	[AUD]	09.00- 01.04	112273	14 70		11.95- 01.04	112307	12 1.1
		09.00- 01.04	112274	14 90				
	[BCA]	03.04- 05.06	113874	14 110		03.04-	114175	12 1.1
Caddy 1.4 16V	[AUA]	08.00- 01.04	112273	14 70		08.00- 01.04	112307	12 1.1
		08.00- 01.04	112274	14 90				
	[BUD]					05.06-	114175	12 1.1
Caddy 1.4 TSi	[CZCB]					05.15-	115818	12 1.1
Caddy 1.4 TGI CNG CNG	[CPWA]					06.15-	115818	12 1.1
Caddy 1.5	[JB]	08.82- 07.83	111653	14 45				
Caddy 1.6	[1F]	11.95- 05.97	111352	14 70		11.95- 05.97	111748	12 1.1
		11.95- 05.97	111479	14 90		11.95-	112236	12 1.8
						11.95-	111059	12 0.9
		AC 11.95- 05.97	111477	14 90		11.95- 05.97	115504	12 1.1 A49
						11.95- 05.97	111909	12 1.1
	[AEE]	06.97- 09.00	111353	14 70		10.97-	111214	12 1.0
		06.97- 09.00	111477	14 90		06.97- 09.00	112307	12 1.1
		AC 06.97-	111477	14 90				
	[BGU]	04.04-	111989	14 90		04.04- 05.05	114175	12 1.1
		04.04- 05.05	113992	14 140				
		04.04- 05.05	115482	14 90 A49				
	[BSE]	06.05-	111989	14 90		06.05-	114175	12 1.1
		06.05-	113992	14 140				
		06.05-	115482	14 90 A49				
	[BSF]	03.05-	111989	14 90		03.05-	114175	12 1.1
		03.05-	113992	14 140				
		03.05-	115482	14 90 A49				
	[EM]	08.82- 07.83	111653	14 45		01.83- 07.92	111059	12 0.9
	[EW]	01.83- 07.92	110360	14 45		AT 08.83- 07.92	110864	12 0.7
		08.83- 07.85	110919	14 70		08.86- 07.92	111059	12 0.9
		08.83- 07.85	111653	14 45				
		08.85- 07.92	112149	14 65				
Caddy 1.6 BiFuel	[CHGA]	05.11-	113992	14 140		05.11-	114175	12 1.1
Caddy 1.6 Diesel	[JK]	08.82- 07.85	110360	14 45		08.82- 07.90	110996	12 1.7
		08.82- 07.85	110913	14 70				
		08.85- 07.90	111287	14 70				
	[ME]	08.82- 07.92	110360	14 45		08.82- 03.90	110996	12 1.7
						08.82- 07.92	111060	12 1.7
Caddy 1.6 TDi	[CAVD]	08.10-	113992	14 140		08.10-	114299	12 1.7
		08.10-	115370	14 110		A25 08.10-	115336	12 2.2
		08.10-	115433*	14 140		DKG 08.10-	115376	12 1.8
		08.10-	116036*	14 140		08.10-	115610	12 2.0
		05.15-	114109	14 180		08.10-	115634	12 1.8
	[CAYE]	08.10-	113992	14 140		DKG 08.10-	114299	12 1.7
		08.10-	115370	14 110		A25 08.10-	115336	12 2.2
		08.10-	115433*	14 140		08.10-	115376	12 1.8
		05.15-	114109	14 180				
Caddy 1.7 SDi	[AHB]	07.96- 09.00	111828	14 120		07.96- 09.00	112286	12 1.7
		07.96- 09.98	111884	14 90				
		Chas. -9K-X-515715	07.96- 09.98	111884	14 90			
Caddy 1.8	[JH]	08.85- 07.92	112149	14 65		08.85- 07.92	111059	12 0.9
Caddy 1.9 Diesel	[1Y]	11.95- 01.04	111352	14 70		11.95- 02.02	112286	12 1.7
		11.95-	111477	14 90				
		AC 11.95- 01.04	111477	14 90				
	[AEF]	06.96- 12.00	111820	14 90		10.97-	112236	12 1.8
Caddy 1.9 SDi	[AEY]	11.95- 09.00	111353	14 70		11.95- 01.04	112286	12 1.7
		11.95- 09.00	111477	14 90				
		11.95- 09.00	111828	14 120				
		Chas. -9K-X-515715	11.95- 08.98	111884	14 90			
	[AYQ]	09.00- 01.04	113340	14 70		11.95- 01.04	112286	12 1.7
		09.00- 06.03	115483	14 120 A49		09.00-	112307	12 1.1
		11.95- 01.04	112002	14 120 A47				
		11.95- 01.04	112079	14 90 A47				
		11.95- 01.04	114789	14 90 A49				
		11.95- 01.04	114797	14 120 A46				
Caddy 1.9 TDi	[1Z]	09.97- 01.04	111884	14 90		09.97- 01.04	111900	12 1.8
						10.96- 03.97	115503	12 1.8 A49
	[AHU]	10.96- 09.00	111828	14 120		10.96- 01.04	111900	12 1.8
		10.96- 09.98	111884	14 90		10.96- 09.00	115503	12 1.8 A49
		Chas. -9K-X-515715	10.96- 08.98	111884	14 90			
	[ALE]	09.97- 09.00	111828	14 120		10.96- 01.04	111900	12 1.8
		09.97- 09.00	111884	14 90		09.97- 09.00	115503	12 1.8 A49
		Chas. -9K-X-515715	09.97- 09.00	111884	14 90			
	[ALH]	09.00- 01.04	113340	14 70		10.96- 01.04	111900	12 1.8
		10.96- 01.04	112002	14 120 A47		09.98- 05.05	115503	12 1.8 A49
		10.96- 01.04	112079	14 90 A47				
		10.96- 01.04	114789	14 90 A49				
		10.96- 01.04	114797	14 120 A46				
		09.97-	111828	14 120				
		09.97- 09.98	111884	14 90				
		09.98- 05.05	115483	14 120 A49				
	[BJB]	04.04-	113992	14 140		04.04-	113842	12 2.0
		04.04- 08.10	115370	14 110		04.04- 08.10	115508	12 1.7 A49
						AT 04.04- 08.10	113509	12 2.0
	[BLS]	06.05-	113992	14 140		04.04-	113842	12 2.0
		06.05- 08.10	115370	14 110		06.05- 08.10	115508	12 1.7 A49
						AT 06.05- 08.10	113509	12 2.0
	[BSU]	09.05-	113992	14 140		09.05- 08.10	113842	12 2.0
		09.05- 08.10	115370	14 110		09.05- 08.10	115508	12 1.7 A49
Caddy 1.9 TDi 4 Motion	[BJB]	05.08-	113992	14 140		05.08- 08.10	113842	12 2.0
		05.08- 08.10	115370	14 110		05.08- 08.10	115508	12 1.7 A49
	[BLS]	05.08-	113992	14 140		05.08- 08.10	113842	12 2.0
		05.08- 08.10	115370	14 110		05.08- 08.10	115508	12 1.7 A49
Caddy 1.9 TDi 4motion	[BLS]	11.08- 08.10	115370	14 110				
Caddy 2.0 SDi	[BDJ]	03.04-	113992	14 140		03.04-	114173	12 1.7
		03.04- 08.10	115370	14 110				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

	[BST]	06.05- 06.05- 08.10	113992 115370	14 140 14 110		03.04-	114173	12 1.7
Caddy 2.0 TDi 16V	[CFHC]	11.10-	113992	14 140		11.10-	113841	12 1.7
		11.10-	115370	14 110		11.10-	115638	12 1.7
		11.10-	115433*	14 140				
	[CLCB]	11.10- 11.10- 11.10-	113992 115370 115433*	14 140 14 110 14 140		11.10-	115638	12 1.7
Caddy 2.0 TDi 16V 4motion	[CFHC]	11.10-	113992	14 140		A25 11.10-	115402	12 1.8
		11.10-	114697	14 180		11.10-	115638	12 1.7
		11.10-	115370	14 110		11.10-	113841	12 1.7
		11.10-	115433*	14 140				
Caddy 2.0 TDi	[BMM]	09.07- 09.07- 08.10	113992 115370	14 140 14 110				
	[CFHC]	05.15-	113992	14 140		05.15-	113841	12 1.7
		05.15-	114109	14 180		05.15-	115638	12 1.7
		05.15-	115433*	14 140		05.15-	115402	12 1.8
	[CFHE]	11.10-	113992	14 140		11.10-	113841	12 1.7
		11.10-	115370	14 110				
		11.10-	115433*	14 140				
	[CFJA]	05.12-	113992	14 140				
		05.12-	115370	14 110				
		05.12-	115433*	14 140				
	[CLCA]	08.10-	113992	14 140		08.10-	114299	12 1.7
		08.10-	115370	14 110				
		08.10-	115433*	14 140				
	[CUUB]	05.15-	115826	14 140		05.15-	115402	12 1.8
						05.15-	115539	12 2.0
					05.15-	115336	12 2.2	
Caddy 2.0 TDi 4motion	[CFHC]	05.15-	113992	14 140		05.15-	113841	12 1.7
		05.15-	114109	14 180		05.15-	115402	12 1.8
		05.15-	115433*	14 140		05.15-	115638	12 1.7
	[CFHE]	12.10-	113992	14 140		12.10-	113841	12 1.7
		12.10-	115370	14 110				
		12.10-	115433*	14 140				
	[CFHF]	08.10-	113992	14 140		08.10-	113841	12 1.7
		08.10-	115370	14 110		05.15-	115402	12 1.8
		08.10-	115433*	14 140				
	[CUUE]	05.15-	115826	14 140		05.15-	115402	12 1.8
					05.15-	115539	12 2.0	
					05.15-	115336	12 2.2	
[DFSB]	11.15-	115826	14 140		11.15-	115539	12 2.0	
[DFSC]	11.15-	115826	14 140		11.15-	115402	12 1.8	
Caddy 2.0 EcoFuel	[BSX]	04.06-	113992	14 140		04.06-	114175	12 1.1
Caddy Alltrack 1.0 TSi	[CHZG]					11.15-	115818	12 1.1
Caddy Alltrack 1.4 TSi	[CZCB]					05.15-	115818	12 1.1
Caddy Alltrack 1.4 TGI CNG CNG	[CPWA]					06.15-	115818	12 1.1
Caddy Alltrack 2.0 TDi	[CUUB]	05.15-	115826	14 140		05.15-	115336	12 2.2
						05.15-	115402	12 1.8
						05.15-	115539	12 2.0
	[CUUD]	05.15-	115826	14 140		05.15-	115336	12 2.2
						05.15-	115336	12 2.2
						05.15-	115539	12 2.0
	[CUUF]	05.15-	115826	14 140		05.15-	115336	12 2.2
						05.15-	115402	12 1.8
						05.15-	115336	12 2.2
	[DFSB]	05.15-	115826	14 140		05.15-	115539	12 2.0
[DFSD]	05.15-	115826	14 140		05.15-	115336	12 2.2	
					05.15-	115539	12 2.0	
[DFSF]	05.15-	115826	14 140		05.15-	115336	12 2.2	
Caddy Alltrack 2.0 TDi 4 Motion	[CUUE]	05.15-	115826	14 140		05.15-	115336	12 2.2
						05.15-	115402	12 1.8
						11.15-	115539	12 2.0
[DFSB]	11.15-	115826	14 140		11.15-	115402	12 1.8	
[DFSE]	05.15-	115826	14 140		05.15-	115336	12 2.2	
Caravelle 1.8	[PD]	12.90- 07.92	112149	14 65		12.90- 07.92	112306	12 1.1
CC 1.4 TSi MultiFuel	[CKMA]	11.11-	115528	14 140		11.11-	115612	12 1.2
CC 1.4 TSi	[CTHD]	11.11-	115528	14 140		11.11-	115612	12 1.2
						11.11-	115944	12 1.7
						05.15-	115818	12 1.1
CC 1.8 TSi	[CDA A]	02.12-	114722	14 140		A25 02.12-	115337	12 2.0
						11.11-	115612	12 1.2
CC 2.0 TSi	[CCZB]	02.12-	114722	14 140		02.12-	113773	12 1.1
						11.11-	115900	12 1.1
CC 2.0 TDi	[CFFA]	11.11-	113992	14 140		11.11-	113841	12 1.7
		11.11-	114109	14 180		A25 11.11-	115402	12 1.8
		11.11-	114831	14 180		11.11-	115638	12 1.7
	[CFFB]	11.11-	114831	14 180		A25 11.11-	115402	12 1.8
		02.12-	113992	14 140		02.12-	113841	12 1.7
						11.11-	115539	12 2.0
	[CFG B]	11.11-	113992	14 140		11.11-	115638	12 1.7
		11.11-	114831	14 180		A25 02.12-	113841	12 1.7
						11.11-	115402	12 1.8
						11.11-	115638	12 1.7
[CFG C]	12.12-	113992	14 140		12.12-	113841	12 1.7	
	12.12-	114831	14 180		A25 12.12-	115402	12 1.8	
					12.12-	115638	12 1.7	
[CLLA]	11.11-	113992	14 140		11.11-	115638	12 1.7	
[CUVC]	05.15-	115826	14 140		05.15-	115402	12 1.8	
					05.15-	115539	12 2.0	
					05.15-	115402	12 1.8	
[CUWA]	05.15-	115826	14 140		05.15-	115336	12 2.0	



CC 2.0 TDI 4 Motion	[CFFB]	11.11-	113992	14 140	11.11-	113841	12 1.7
		11.11-	114109	14 180	11.11-	115402	12 1.8
		11.11-	114831	14 180	11.11-	115638	12 1.7
	[CFGB]	11.11-	113992	14 140	11.11-	113841	12 1.7
		11.11-	114109	14 180	A25 11.11-	115402	12 1.8
					11.11-	115638	12 1.7
CC 2.0 TDi 4motion	[CFGC]	12.12-	113992	14 140	12.12-	113841	12 1.7
		12.12-	114831	14 180	A25 12.12-	115402	12 1.8
CC 3.6 FSi 4motion	[BWS]				02.12-	113509	12 2.0
Corrado 1.8 16V	[KR]	08.89- 07.92	112750	14 90	AT 09.88- 07.91	111059	12 0.9
					AT 08.91- 07.92	111748	12 1.1
					08.91- 07.92	111749	12 1.1
					08.90- 07.91	112131	12 1.4
Corrado 1.8 G60	[PG]				AT 09.88- 07.91	111059	12 0.9
					08.91- 09.93	111748	12 1.1
					08.91- 09.93	111749	12 1.1
					08.90- 07.91	112131	12 1.4
Corrado 2.0 i16V	[9A]	08.91- 07.95	112750	14 90	AT 08.91- 07.95	111748	12 1.1
Corrado 2.0 i	[ZE]	04.93- 09.94	111352	14 70	04.93- 09.94	111749	12 1.1
		04.93- 09.94	111479	14 90			
		AC 04.93- 09.94	111477	14 90			
	[ADY]	10.94- 07.95	111352	14 70	AT 10.94- 07.95	111748	12 1.1
		10.94- 07.95	111479	14 90	10.94- 07.95	111749	12 1.1
Corrado 2.9 VR6	[ABV]	08.91- 07.92	111353	14 70	08.91-	112166	12 1.7
		08.92-	111477	14 90	AT 08.91-	112286	12 1.7
		08.92- 06.95	111991	14 120			
		06.95-	112709	14 120			
Crafter 30-35 2.0 TDi	[CKUB]	07.11-	115707	14 110			
		[CSLB]	11.13-	115707	14 110		
		[CSNA]	07.11-	115707	14 110		
Crafter 30-35 2.0 TDi 4motion	[CKUB]	11.11-	115707	14 110	11.11-	115736	12 1.7
		[CSNA]	11.11-	115707	14 110	11.11-	115736
Crafter 30-35 2.5 TDi	[BJJ]	04.06-	113992	14 140	04.06-	114317	12 2.0
		04.06-	115370	14 110			
		04.06-	116038	14 180			
	[BJK]	04.06-	113992	14 140	04.06-	114317	12 2.0
		04.06-	115370	14 110			
		04.06-	116038	14 180			
	[BJL]	04.06-	113992	14 140	04.06-	114317	12 2.0
		04.06-	115370	14 110			
		04.06-	116038	14 180			
	[BJM]	04.06-	113992	14 140	04.06-	114317	12 2.0
		04.06-	115370	14 110			
		04.06-	116038	14 180			
	[CEBA]	04.06-	113992	14 140	04.06-	114317	12 2.0
		04.06-	115370	14 110			
		04.06-	116038	14 180			
	[CEBB]	04.06-	113992	14 140	04.06-	114317	12 2.0
		04.06-	115370	14 110			
		04.06-	116038	14 180			
	[CECA]	04.06-	113992	14 140	04.06-	114317	12 2.0
04.06-		115370	14 110				
04.06-		116038	14 180				
[CECB]	04.06-	113992	14 140	04.06-	114317	12 2.0	
	04.06-	115370	14 110				
	04.06-	116038	14 180				
Crafter 30-50 2.0 TDi	[CKUB]	07.11-	115707	14 110	07.11-	115736	12 1.7
		[CSLB]	11.13-	115707	14 110		
	[CSLC]	11.15-	115707	14 110			
		11.15-	115826	14 140			
Crafter 30-50 2.5 TDi	[BJJ]	04.06-	113992	14 140	04.06-	114317	12 2.0
		04.06-	115370	14 110			
		04.06-	116038	14 180			
	[BJK]	04.06-	113992	14 140	04.06-	114317	12 2.0
		04.06-	115370	14 110			
		04.06-	116038	14 180			
	[BJL]	04.06-	113992	14 140	04.06-	114317	12 2.0
		04.06-	115370	14 110			
		04.06-	116038	14 180			
	[BJM]	04.06-	113992	14 140	04.06-	114317	12 2.0
		04.06-	115370	14 110			
		04.06-	116038	14 180			
	[CEBA]	04.06-	113992	14 140	04.06-	114317	12 2.0
		04.06-	115370	14 110			
		04.06-	116038	14 180			
	[CEBB]	04.06-	113992	14 140	04.06-	114317	12 2.0
		04.06-	115370	14 110			
		04.06-	116038	14 180			
	[CECA]	04.06-	113992	14 140	04.06-	114317	12 2.0
04.06-		115370	14 110				
04.06-		116038	14 180				
[CECB]	04.06-	113992	14 140	04.06-	114317	12 2.0	
	04.06-	115370	14 110				
	04.06-	116038	14 180				
Derby 0.9	[HA]	08.79- 09.81	110913	14 70			
		02.80- 09.81	110360	14 45			
Derby 1.0	[GL]	10.81- 12.84	110360	14 45	08.84- 12.84	111058	12 0.8
		10.81- 12.84	110913	14 70			
Derby 1.1	[HB]	02.77- 07.83	110360	14 45			
		08.79- 07.83	110913	14 70			
Derby 1.3	[GK]	09.82- 12.84	110360	14 45	08.84- 12.84	111058	12 0.8
		09.82- 12.84	110913	14 70			

## STARTERS & ALTERNATORS

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VW Continued

	[HH]	08.79- 07.83	110913	14 70				
		02.80- 07.83	110360	14 45				
	[HJ]	01.77- 09.81	110360	14 45				
		08.79- 09.81	110913	14 70				
	[HK]	08.83- 12.84	110360	14 45		08.84- 12.84	111058	12 0.8
		08.83- 12.84	110913	14 70				
Eos 1.4 TSi	[CAVD]	05.08-	114769	14 110		05.08-	114163	12 1.1
	[CAXA]	11.07-	114884	14 140		05.08-	114163	12 1.1
		11.07-	115528	14 140				
	[CTHD]	05.08-	114769	14 110		05.08-	114163	12 1.1
Eos 1.6 FSi	[BLF]	06.06-	114769	14 110		06.06-	114175	12 1.1
Eos 2.0 FSi	[BVV]	03.06-	113992	14 140		03.06-	114163	12 1.1
	[BVZ]	03.06-	113992	14 140		03.06-	114163	12 1.1
Eos 2.0 TFSi	[BWA]	03.06-	113992	14 140		03.06-	113773	12 1.1
						AT 03.06-	115333	12 1.0
						03.06-	115900	12 1.1
	[CAWB]	05.08-	113992	14 140		03.06-	113509	12 2.0
		05.08-	114722	14 140		03.06-	113773	12 1.1
						05.08-	115900	12 1.1
	[CCZA]	05.09-	114722	14 140		AT 05.09-	115333	12 1.0
						05.09-	115900	12 1.1
Eos 2.0 TSi	[CCZB]	11.09-	114722	14 140		11.09-	113773	12 1.1
						DKG 11.09-	115333	12 1.0
						11.09-	115900	12 1.1
Eos 2.0 TDi 16V	[CBAB]	05.08-	113992	14 140		05.08-	115638	12 1.7
		05.08-	115433*	14 140				
	[CFFB]	05.08-	113992	14 140		05.08-	115638	12 1.7
		05.08-	115433*	14 140				
Eos 2.0 TDi	[BMM]	06.06-	113992	14 140		06.06-	113841	12 1.7
		06.06-	115370	14 110				
	[CFFA]	05.08-	114697	14 180		A25 05.08-	115402	12 1.8
		05.08-	115433*	14 140		05.08-	115539	12 2.0
						05.08-	115638	12 1.7
Eos 3.2 FSi	[BUB]	06.06-	113992	14 140		06.06-	113509	12 2.0
		06.06-	115370	14 110				
Fox 1.2	[BMD]	04.05-	113253	14 90		04.05-	113515	12 0.9
	[CHFA]	09.10-	113253	14 90		09.10-	113515	12 0.9
	[CHFB]	04.05-	113253	14 90		04.05-	113515	12 0.9
Fox 1.4	[BKR]	AC 04.05-	112274	14 90		04.05-	113515	12 0.9
Fox 1.4 TDi	[BNM]	04.05-	112079	14 90 A47		04.05-	112438	12 2.0
		04.05-	114789	14 90 A49				
Golf 1.6 BiFuel Plus	[CHGA]	05.09-	113992	14 140		05.09-	114176	12 1.0
		05.09-	115621	14 110				
Golf 1.6 TDi Plus	[CAYB]	02.09-	113992	14 140		02.09-	114299	12 1.7
		02.09-	115433*	14 140				
Golf VI 1.2 TSi	[CBZA]	05.10- 11.12	115765	14 140		05.10-	114175	12 1.1
		05.10- 11.12	115767*	14 140		A50 05.10- 11.12	115337	12 2.0
						05.10- 11.12	115645	12 2.0
	[CBZB]	06.11-	115765	14 140		06.11-	114175	12 1.1
						06.11-	115645	12 2.0
Golf VI 1.4 TSi	[CAVD]	06.11-	113861	14 110		06.11-	114163	12 1.1
		06.11-	114884	14 140		06.11-	115612	12 1.2
	[CAXA]	06.11-	113861	14 110		06.11-	115612	12 1.2
	[CHPB]					11.13-	115338	12 2.0
						11.13-	115818	12 1.1
	[CNWA]	06.11-	113861	14 110		06.11-	114163	12 1.1
		06.11-	114884	14 140		06.11-	115612	12 1.2
	[CTHD]	06.11-	113861	14 110		06.11-	114163	12 1.1
		06.11-	114884	14 140		06.11-	115612	12 1.2
	[CTKA]	06.11-	113861	14 110		06.11-	114163	12 1.1
		06.11-	114884	14 140		06.11-	115612	12 1.2
	[CXSb]					11.13-	115338	12 2.0
						11.13-	115818	12 1.1
	[CZCA]					11.13-	115338	12 2.0
						11.13-	115818	12 1.1
	[CZDA]					11.13-	115338	12 2.0
						11.13-	115818	12 1.1
Golf VI 1.6 Multijet	[CMXA]	07.09-	113861	14 110		07.09-	114176	12 1.0
		07.09-	113992	14 140				
Golf VI 1.6 TDi	[CAYC]	06.11-	113992	14 140		A25 06.11-	115336	12 2.2
		06.11-	115433*	14 140				
Golf VI 2.0 TSi	[CCZB]	06.11-	114722	14 140		06.11-	113773	12 1.1
						06.11-	115900	12 1.1
Golf VI 2.0 TDi	[CFHC]	06.11-	115433*	14 140		06.11-	115402	12 1.8
	[CUUA]	11.13-	115826	14 140		11.13-	115336	12 2.2
Golf Alltrack 1.6 TDi 4motion	[CRKB]	12.14-	115826	14 140				
	[CXXB]	12.14-	115826	14 140		12.14-	115402	12 1.8
Golf Alltrack 1.8 TSi 4motion	[CJSB]					12.14-	115561	12 1.7
Golf Alltrack 2.0 TDi 4motion	[CRBC]	12.14-	115826	14 140		12.14-	115402	12 1.8
						12.14-	116097*	12 2.0
	[CRLB]	12.14-	115826	14 140		12.14-	115402	12 1.8
						12.14-	116097*	12 2.0
	[CUNA]	12.14-	115826	14 140		12.14-	115638	12 1.7
Golf I 1.1	[FA]	04.74- 07.79	110360	14 45				
	[GG]	04.74- 07.83	110360	14 45		08.81- 07.83	111058	12 0.8
		08.79- 07.83	110913	14 70				
Golf I 1.3	[GF]	09.79- 07.83	110913	14 70		06.74- 07.83	110864	12 0.7
		02.80- 07.83	110360	14 45				
	[GS]	08.82- 07.83	110360	14 45		08.82- 07.83	111058	12 0.8
		08.82- 07.83	110913	14 70				
Golf I 1.5	[FH]					AT 04.74- 12.75	110864	12 0.7
	[JB]	08.77- 07.83	110360	14 45		AT 04.74- 07.83	110864	12 0.7
		08.79- 07.83	111653	14 45				
Golf I 1.5 Diesel	[CK]	08.79- 07.80	110360	14 45				
		08.79- 07.80	110913	14 70				
Golf I 1.6	[EG]	01.79- 07.82	111653	14 45		AT 08.79- 07.82	110864	12 0.7



	[EM]	08.79- 07.83	110919	14 70		08.79- 07.83	110864	12 0.7
		08.79- 07.83	111653	14 45				
	[EW]	08.83- 07.85	110919	14 70	AT	08.83- 12.92	110864	12 0.7
		08.85- 12.92	112149	14 65		08.83- 12.92	111059	12 0.9
	[FN]					08.75- 02.84	111059	12 0.9
	[FP]				AT	08.75- 07.77	110864	12 0.7
	[FT]				AT	08.75- 07.77	110864	12 0.7
	[RE]	04.86- 07.90	112149	14 65	AT	04.86- 02.90	110864	12 0.7
						04.86- 02.90	111059	12 0.9
Golf I 1.6 GTi	[EG]	09.77- 07.82	111653	14 45				
Golf I 1.6 Diesel	[CR]	08.80- 07.83	110360	14 45		08.80- 07.83	110996	12 1.7
		08.80- 07.83	110913	14 70				
	[JK]	08.80- 07.83	110360	14 45		08.80- 07.83	110996	12 1.7
		08.80- 07.83	110913	14 70				
Golf I 1.6 TD	[CY]	03.82- 07.83	110360	14 45		03.82- 07.83	110996	12 1.7
		03.82- 07.83	110913	14 70				
Golf I 1.8	[ZH]	08.89- 08.93	112149	14 65		08.89- 08.93	111059	12 0.9
	[DX]	08.82- 07.83	111653	14 45		08.83- 07.92	111059	12 0.9
		08.83- 07.85	110919	14 70				
		08.85- 07.92	112149	14 65				
	[EV]	01.84- 07.85	110919	14 70		01.84- 07.87	111059	12 0.9
		08.85- 07.87	112149	14 65				
	[EX]	08.83- 07.85	110919	14 70		08.83- 12.92	111059	12 0.9
		08.85- 12.92	112149	14 65				
	[JH]	08.83- 07.85	110919	14 70	AT	08.83- 08.93	110864	12 0.7
		08.85- 08.93	112149	14 65		08.83- 08.93	111059	12 0.9
	[PB]	01.87- 07.92	112149	14 65		01.87- 07.92	111059	12 0.9
Golf I 1.8 GTi	[DX]	08.82- 07.83	111653	14 45				
	[JJ]	08.82- 07.83	111653	14 45		08.82- 12.83	111748	12 1.1
Golf II 1.0	[GN]					08.83- 07.85	111058	12 0.8
	[HZ]	08.85- 10.91	111288	14 65		08.85- 10.91	111058	12 0.8
		08.85- 10.91	112763	14 55				
Golf II 1.3	[2G]	01.89- 07.92	111288	14 65		01.89- 07.92	111058	12 0.8
		01.89- 07.92	112763	14 55				
	[GT]	07.85- 07.87	111288	14 65		08.83- 07.87	111058	12 0.8
		07.85- 07.87	112763	14 55				
	[HK]					08.83- 07.85	111058	12 0.8
	[MH]	08.85- 12.88	111288	14 65		08.85- 12.88	111058	12 0.8
		08.85- 12.88	112763	14 55				
	[NU]	08.85- 12.87	111288	14 65		08.85- 12.87	111058	12 0.8
		08.85- 12.87	112763	14 55				
	[NZ]	08.85- 07.92	111288	14 65		08.85- 07.92	111058	12 0.8
		08.85- 07.92	112763	14 55				
Golf II 1.6	[ABN]	08.83- 07.85	110919	14 70		08.83- 08.91	111748	12 1.1
		08.85- 07.88	112149	14 65				
	[EZ]	08.83- 07.85	110919	14 70	AT	08.83- 08.91	110864	12 0.7
		08.85- 08.91	112149	14 65		08.83- 08.91	111059	12 0.9
	[HM]	08.83- 07.85	110919	14 70	AT	08.83- 07.88	110864	12 0.7
		08.85- 07.88	112149	14 65		08.83- 07.88	111059	12 0.9
	[PN]	10.86- 07.92	112149	14 65	AT	08.86- 07.92	110864	12 0.7
						08.86- 07.92	111059	12 0.9
	[RF]	02.86- 10.91	112149	14 65	AT	02.86- 10.91	110864	12 0.7
						02.86- 10.91	111059	12 0.9
Golf II 1.6 Diesel	[JP]	08.85- 10.91	111154	14 65		08.83- 07.92	111059	12 0.9
		08.85- 10.91	111288	14 65		08.83- 10.91	111060	12 1.7
		AC 08.83- 05.84	112729	14 90				
	[ME]	05.88- 10.91	111154	14 65		08.83- 07.92	111059	12 0.9
		05.88- 10.91	111288	14 65		05.88- 10.91	111060	12 1.7
Golf II 1.6 TD	[1V]	08.89- 07.92	111154	14 65		08.89- 07.92	111060	12 1.7
		08.89- 07.92	111288	14 65				
	[JR]	08.85- 10.91	111154	14 65		08.83- 07.92	111059	12 0.9
		08.85- 10.91	111288	14 65		08.83- 10.91	111060	12 1.7
		AC 08.83- 05.84	112729	14 90				
	[MF]	05.88- 10.91	111154	14 65		08.83- 07.92	111059	12 0.9
		05.88- 10.91	111288	14 65		05.88- 10.91	111060	12 1.7
	[RA]	04.89- 02.90	111154	14 65		04.89- 02.90	111060	12 1.7
		04.89- 02.90	111288	14 65				
	[SB]	04.89- 10.91	111154	14 65		04.89- 10.91	111060	12 1.7
		04.89- 10.91	111288	14 65				
Golf II 1.8	[GU]	08.83- 07.85	110919	14 70		08.83- 10.91	111059	12 0.9
		08.85- 10.91	112149	14 65				
	[GX]	06.83- 07.85	110919	14 70		08.83- 10.91	111059	12 0.9
		08.85- 10.91	112149	14 65				
	[HV]	08.83- 07.85	110919	14 70		08.83- 07.87	111059	12 0.9
		08.85- 07.87	112149	14 65				
	[RH]	08.86- 07.90	112149	14 65		08.86- 07.90	111059	12 0.9
	[RP]	06.83- 07.85	110919	14 70		08.87- 10.91	111748	12 1.1
		08.85- 10.91	112149	14 65				
Golf II 1.8 Syncro	[1P]	08.88- 07.91	112149	14 65		08.88- 07.91	111059	12 0.9
	[GU]	02.86- 07.91	112149	14 65		02.86- 07.91	111059	12 0.9
	[GX]	02.86- 07.88	112149	14 65		02.86- 07.88	111059	12 0.9
	[RH]	08.87- 07.88	112149	14 65		08.87- 07.88	111059	12 0.9
	[RP]	08.87- 10.91	112149	14 65		08.87- 07.91	111059	12 0.9
Golf II 1.8 G60 GTi	[PG]					08.90- 07.91	112131	12 1.4
Golf II 1.8 G60 Syncro	[1H]					04.90- 07.91	112131	12 1.4
	[PG]					08.90- 07.91	112131	12 1.4
Golf II 1.8 GTi 16V	[KR]					02.86- 10.91	111059	12 0.9
	[PL]					02.86- 10.91	111059	12 0.9
Golf II 1.8 GTi	[DX]				AT	11.84- 12.92	110864	12 0.7
	[EV]	08.83- 07.85	110919	14 70		08.83- 07.87	111059	12 0.9
		08.85- 07.87	112149	14 65				
	[GZ]	08.83- 07.85	110919	14 70		08.83- 07.87	111059	12 0.9
		08.85- 07.87	112149	14 65				
	[HT]	01.85- 07.85	110919	14 70				
	[PB]	08.85- 10.91	112149	14 65		01.87- 10.91	111059	12 0.9
	[PF]	08.85- 10.91	112149	14 65		08.85- 10.91	111059	12 0.9



Application list

VW Continued

	[RD]	08.85- 10.87	112149	14	65	08.85- 10.87	111059	12	0.9
	[RV]	01.85- 07.85	110919	14	70				
Golf III 1.4	[ABD]	11.91- 07.95	111352	14	70	03.95-	111059	12	0.9
		11.91- 07.95	111479	14	90	08.92- 07.95	112307	12	1.1
		PS 11.91- 07.95	111353	14	70	07.95- 12.97	112236	12	1.8
		PS 11.91- 07.95	111477	14	90	04.94- 07.95	111748	12	1.1
		AC 11.91- 07.95	111353	14	70				
		AC 11.91- 07.95	111477	14	90				
	[AEX]	07.95- 04.99	111352	14	70	11.91- 04.99	111748	12	1.1
		07.95- 04.99	111479	14	90	03.95-	111059	12	0.9
		PS 07.95- 04.99	111353	14	70	07.95- 12.97	112236	12	1.8
		PS 07.95- 04.99	111477	14	90	11.91- 04.99	111909	12	1.1
	[APO]	12.97- 05.98	111352	14	70	07.95- 04.99	115504	12	1.1
		12.97- 05.98	111479	14	90	03.95-	111059	12	0.9
		AC 12.97- 05.98	111353	14	70	07.95- 12.97	112236	12	1.8
		AC 12.97- 05.98	111477	14	90	12.97- 05.98	115504	12	1.1
					12.97- 05.98	111748	12	1.1	
Golf III 1.6	[ABU]	09.92- 09.94	111352	14	70	09.92- 09.94	112307	12	1.1
		09.92- 09.94	111479	14	90				
		ACPS 09.92- 09.94	111353	14	70				
		ACPS 09.92- 09.94	111477	14	90				
		AC 09.92- 09.94	111353	14	70				
		AC 09.92- 09.94	111477	14	90				
	[AEA]	10.94- 12.97	111352	14	70	10.94- 12.97	111748	12	1.1
		10.94- 12.97	111479	14	90	10.94- 12.97	111909	12	1.1
						10.94- 12.97	112236	12	1.8
						10.94- 03.95	115504	12	1.1
	[AEE]	07.95- 12.97	111353	14	70	07.95- 12.97	111748	12	1.1
		07.95- 12.97	111477	14	90	07.95- 12.97	111909	12	1.1
						03.95-	111059	12	0.9
						07.95- 12.97	112236	12	1.8
[AEK]	10.94- 12.95	111352	14	70	02.96- 12.97	115504	12	1.1	
	10.94- 12.95	111479	14	90	10.94- 12.95	111748	12	1.1	
	PS 07.94- 12.95	111353	14	70	10.94- 12.95	115504	12	1.1	
	PS 07.94- 12.95	111477	14	90	10.94- 12.97	112236	12	1.8	
	AC 07.94- 12.95	111353	14	70	10.94- 12.95	111909	12	1.1	
	AC 07.94- 12.95	111477	14	90					
[AFT]	12.95- 02.99	111352	14	70	12.95- 02.99	111748	12	1.1	
	12.95- 02.99	111479	14	90	12.95- 12.97	112236	12	1.8	
	PS 12.95- 02.99	111353	14	70	12.95- 05.98	111909	12	1.1	
	PS 12.95- 02.99	111477	14	90	12.95- 05.98	115504	12	1.1	
	AC 12.95- 02.99	111353	14	70					
	AC 12.95- 02.99	111477	14	90					
[AKS]	12.95- 02.99	111352	14	70	04.97- 10.00	111909	12	1.1	
	12.95- 12.97	111353	14	70	05.97- 12.97	112236	12	1.8	
	12.95- 02.99	111479	14	90	12.95- 02.99	111748	12	1.1	
	PS 05.97- 02.99	111353	14	70	05.97- 10.00	115504	12	1.1	
	PS 05.97- 02.99	111477	14	90					
	AC 12.95- 02.99	111477	14	90					
	AC 05.97- 02.99	111353	14	70					
Golf III 1.8	[ABS]	11.91- 07.95	111352	14	70	11.91- 07.95	111748	12	1.1
		11.91- 07.95	111479	14	90	11.91- 07.95	111909	12	1.1
		AC 11.91- 09.94	111353	14	70	11.91- 07.95	115504	12	1.1
		AC 11.91- 07.95	111477	14	90				
	[ACC]					11.91- 08.97	111748	12	1.1
						11.91- 08.97	111909	12	1.1
						12.94- 12.97	112236	12	1.8
						11.91- 12.97	115504	12	1.1
	[ADZ]	10.94- 04.99	111352	14	70	10.94- 12.97	111748	12	1.1
		10.94- 04.99	111479	14	90	10.94- 04.99	115504	12	1.1
		AC 10.94- 04.99	111353	14	70	10.94- 04.99	111909	12	1.1
		AC 10.94- 04.99	111477	14	90	10.94- 12.97	112236	12	1.8
	[ANN]					07.93- 04.99	111909	12	1.1
						07.93- 04.99	115504	12	1.1
[ANP]					07.93- 04.99	111909	12	1.1	
					12.97- 04.99	115504	12	1.1	
[AAM]	11.91- 04.99	111352	14	70	11.91- 05.98	111748	12	1.1	
	11.91- 04.99	111479	14	90	11.91- 04.99	111909	12	1.1	
	PS 07.92- 12.97	111353	14	70	11.91-	112236	12	1.8	
	AC 11.91- 04.99	111353	14	70	11.91- 04.99	115504	12	1.1	
	AC 11.91- 04.99	111477	14	90					
Golf III 1.8 Syncro	[ABS]	01.93- 09.94	111352	14	70	01.93- 09.94	111749	12	1.1
		01.93- 09.94	111479	14	90	09.93- 07.95	112236	12	1.8
		AC 01.93- 09.94	111353	14	70				
		AC 01.93- 09.94	111477	14	90				
	[ADZ]	10.94- 12.97	111352	14	70	10.94- 12.97	111749	12	1.1
	10.94- 12.97	111479	14	90	10.94- 12.97	112005	12	1.1	
	AC 10.94- 12.97	111353	14	70					
	AC 10.94- 12.97	111477	14	90					
Golf III 1.9 Diesel	[1Y]	11.91- 04.99	111352	14	70	ECO 11.91- 04.99	112286	12	1.7
		11.91- 04.99	111479	14	90				
		AC 11.91- 12.97	111353	14	70				
		AC 11.91- 12.97	111477	14	90				
		AC 07.93- 04.99	111884	14	90				
Golf III 1.9 SDi	[AEY]	01.95-	111988	14	120	01.95-	112286	12	1.7
		04.97-	111353	14	70	01.95- 12.95	111900	12	1.8
		AC 01.95-	111353	14	70	07.95- 08.97	115503	12	1.8
		AC 01.95-	111477	14	90				
Golf III 1.9 TD	[AAZ]	11.91- 04.99	111352	14	70	11.91- 04.99	112286	12	1.7
		11.91- 04.99	111479	14	90	07.96-	111900	12	1.8
		AC 11.91- 04.99	111353	14	70	07.93- 04.99	115503	12	1.8
		AC 11.91- 04.99	111477	14	90				
		AC 11.91- 04.99	111884	14	90				



Golf III 1.9 TDi	[1Z]	09.93- 07.96	111353	14 70		04.94- 07.96	111900	12 1.8	
		09.93- 07.96	111477	14 90		04.94- 07.96	115503	12 1.8 A49	
		09.93- 07.96	111988	14 120		AT 04.94- 07.96	112286	12 1.7	
		AC 08.95- 05.98	111828	14 120					
		AC 08.95- 05.98	111884	14 90					
	[AFN]	03.96- 04.98	111353	14 70		02.96- 08.99	115503	12 1.8 A49	
		03.96- 04.98	111477	14 90		AT 02.96-	112286	12 1.7	
		03.96-	111988	14 120		02.96-	111900	12 1.8	
		04.96- 08.99	111828	14 120					
	[AHU]	07.96- 02.99	111353	14 70		07.96- 02.99	111900	12 1.8	
		07.96- 02.99	111477	14 90		AT 08.96- 02.99	112286	12 1.7	
		07.96- 02.99	111988	14 120		07.96- 02.99	115503	12 1.8 A49	
	GPH 08.96- 12.97	111828	14 120						
	AC 08.96- 05.98	111828	14 120						
	AC 08.96- 05.98	111884	14 90						
[ALE]	07.95- 04.99	111353	14 70		03.94- 04.99	111900	12 1.8		
	07.95- 04.99	111477	14 90		AT 08.95- 05.98	112286	12 1.7		
	07.95- 04.99	111988	14 120		07.95- 04.99	115503	12 1.8 A49		
	GPH 05.97- 12.97	111828	14 120						
	AC 08.95- 05.98	111828	14 120						
	AC 08.95- 05.98	111884	14 90						
[AVG]					06.98- 06.02	111900	12 1.8		
					08.99- 10.00	115503	12 1.8 A49		
Golf III 1.9 TDi Syncro	[1Z]	08.95- 07.96	111353	14 70		03.95- 07.96	111900	12 1.8	
		08.95- 07.96	111477	14 90		03.95- 07.96	115503	12 1.8 A49	
		08.95- 07.96	111988	14 120					
	[AHU]	07.96-	111353	14 70		07.96-	111900	12 1.8	
		07.96-	111477	14 90		08.96- 06.00	115503	12 1.8 A49	
		07.96-	111988	14 120					
		A21 08.96- 12.97	111828	14 120					
	[ALE]	05.96-	111353	14 70		05.96-	111900	12 1.8	
		05.96-	111477	14 90		05.96- 12.01	115503	12 1.8 A49	
		05.96-	111988	14 120					
	Golf III 2.0	[2E]	07.93- 09.94	111352	14 70		09.93- 09.94	111909	12 1.1
07.93- 09.94			111479	14 90		07.93- 09.94	111748	12 1.1	
AC 09.93- 09.94			111353	14 70		09.93- 09.94	115504	12 1.1 A49	
AC 09.93- 09.94			111477	14 90					
[ADY]		10.94- 05.96	111352	14 70		10.94- 05.96	111748	12 1.1	
		10.94- 05.96	111479	14 90		10.94- 05.96	111909	12 1.1	
		AC 10.94- 07.95	111353	14 70		10.94- 07.95	112236	12 1.8	
		AC 10.94- 07.95	111477	14 90		10.94- 05.96	115504	12 1.1 A49	
[AGG]		07.95- 04.99	111352	14 70		07.95- 04.99	111748	12 1.1	
		07.95- 04.99	111479	14 90		07.95- 04.99	115504	12 1.1 A49	
		AC 07.95- 04.99	111353	14 70		07.95- 04.99	111909	12 1.1	
		AC 07.95- 04.99	111477	14 90		07.95-	112236	12 1.8	
[AKR]		04.97- 04.99	111352	14 70		04.97- 04.99	111748	12 1.1	
		04.97- 04.99	111479	14 90		04.97- 04.99	111909	12 1.1	
		AC 04.97- 04.99	111353	14 70		04.97- 04.99	115504	12 1.1 A49	
		AC 04.97- 04.99	111477	14 90					
Golf III 2.0 Syncro		[AGG]	08.95- 12.97	111352	14 70		07.95-	111749	12 1.1
			08.95- 12.97	111353	14 70		10.95- 12.97	112005	12 1.1
		08.95-	111479	14 90					
		AC 08.95- 12.97	111353	14 70					
		AC 08.95- 12.97	111477	14 90					
Golf III 2.0 GTi 16V	[ABF]	08.92- 12.97	111353	14 70		AT 08.92- 12.97	111748	12 1.1	
		08.92- 12.97	111477	14 90		08.92- 12.97	111749	12 1.1	
						AT 08.92- 12.97	111909	12 1.1	
						08.92- 12.97	112005	12 1.1	
						08.92- 12.97	115504	12 1.1 A49	
Golf III 2.0 GTi	[2E]	11.91- 09.94	111352	14 70		11.91- 09.94	111748	12 1.1	
		11.91- 09.94	111479	14 90		11.91- 08.97	111909	12 1.1	
		AC 11.91- 09.94	111353	14 70					
		AC 11.91- 09.94	111477	14 90					
	[ABA]	11.91- 08.97	111352	14 70		11.91- 08.97	111748	12 1.1	
		11.91- 08.97	111479	14 90		11.91- 08.97	111909	12 1.1	
		AC 11.91- 08.97	111353	14 70					
		AC 11.91- 08.97	111477	14 90					
	[ADY]	10.94- 12.97	111352	14 70		10.94- 12.97	111748	12 1.1	
		10.94- 12.97	111479	14 90		10.94- 12.97	111909	12 1.1	
		AC 10.94- 12.97	111353	14 70		10.94- 12.97	115504	12 1.1 A49	
		AC 10.94- 12.97	111477	14 90					
	[AGG]	07.95- 12.97	111352	14 70		07.95- 12.97	111748	12 1.1	
		07.95- 12.97	111479	14 90		07.95- 12.97	111909	12 1.1	
		AC 07.95- 12.97	111353	14 70		07.95- 12.97	115504	12 1.1 A49	
		AC 07.95- 12.97	111477	14 90					
	[AKR]	05.97- 12.97	111352	14 70		05.97- 12.97	111748	12 1.1	
		05.97- 12.97	111479	14 90		05.97- 12.97	111909	12 1.1	
	AC 05.97- 12.97	111353	14 70		05.97- 12.97	115504	12 1.1 A49		
	AC 05.97- 12.97	111477	14 90						
Golf III 2.8 VR6	[AAA]	04.92- 12.94	111991	14 120		01.92- 12.97	112166	12 1.7	
		01.95- 12.97	112709	14 120		AT 01.92- 12.97	112286	12 1.7	
Golf III 2.9 VR6	[ABV]	07.95-	112709	14 120		07.95-	112166	12 1.7	
Golf III 2.9 VR6 Syncro	[ABV]	01.95- 12.97	112709	14 120		01.94-	112166	12 1.7	
Golf IV 1.4 16V	[AHW]	10.97- 05.98	111820	14 90		10.97-	111909	12 1.1	
		05.98-	111989	14 90		10.97- 06.06	115504	12 1.1 A49	
		05.98-	112075	14 70					
		05.98- 06.06	115482	14 90 A49					
		AC 05.98-	111989	14 90					
		AC 05.98-	112075	14 70					
	[AKQ]	10.97- 05.98	111820	14 90		10.97- 05.00	115504	12 1.1 A49	
		05.98- 05.00	111989	14 90		10.97- 05.00	111909	12 1.1	
		05.98- 05.00	112075	14 70					
		05.98- 05.00	115482	14 90 A49					
		AC 05.98- 05.00	111989	14 90					
		AC 05.98- 05.00	112075	14 70					





Application list

VW Continued

	[APE]	08.97- 06.05 111989	14 90	10.97- 05.00 111909	12 1.1
		05.99- 05.00 112075	14 70	05.99- 05.00 115504	12 1.1 A49
		05.99- 05.00 115482	14 90 A49		
	AC	05.99- 05.00 111989	14 90		
	AC	05.99- 05.00 112075	14 70		
	[AXP]	05.00- 112075	14 70	05.00- 10.01 115504	12 1.1 A49
		08.97- 06.05 111989	14 90	10.97- 111909	12 1.1
		08.97- 06.05 115482	14 90 A49		
	AC	05.00- 111989	14 90		
	AC	05.00- 112075	14 70		
	[BCA]	10.01- 05.04 115482	14 90 A49	08.97- 06.05 115504	12 1.1
		08.97- 06.05 111989	14 90	10.97- 111909	12 1.1
Golf IV 1.6	[AEH]	08.97- 02.00 112002	14 120 A47	01.98- 111909	12 1.1
		08.97- 02.00 114797	14 120 A46	01.98- 04.01 115504	12 1.1 A49
		01.98- 05.98 111820	14 90		
		01.98- 04.01 115482	14 90 A49		
		01.98- 04.01 115483	14 120 A49		
		05.98- 111989	14 90		
		05.98- 112075	14 70		
	[AFT]	06.98- 111352	14 70	06.98- 111909	12 1.1
		06.98- 111479	14 90	06.98- 10.00 115504	12 1.1 A49
	AC	06.98- 111353	14 70		
	AC	06.98- 111477	14 90		
	[AKL]	08.97- 112002	14 120 A47	10.97- 02.00 111909	12 1.1
		08.97- 02.00 114797	14 120 A46	10.97- 02.00 115504	12 1.1 A49
		10.97- 05.98 111820	14 90		
		10.97- 02.00 115483	14 120 A49		
		05.98- 111989	14 90		
		05.98- 112075	14 70		
		05.98- 02.00 115482	14 90 A49		
	[AKS]	06.98- 111352	14 70	06.98- 111909	12 1.1
		06.98- 111479	14 90	05.97- 02.99 112236	12 1.8
	AC	06.98- 111353	14 70	04.98- 10.00 115504	12 1.1 A49
	AC	06.98- 111477	14 90		
	[APF]	05.00- 08.00 112075	14 70	08.97- 02.00 111909	12 1.1
		08.97- 08.00 111989	14 90	05.99- 08.00 115504	12 1.1 A49
		05.99- 02.00 112002	14 120 A47		
		05.99- 02.00 114797	14 120 A46		
		05.99- 08.00 115482	14 90 A49		
		05.99- 08.00 115483	14 120 A49		
	[AVU]	08.00- 111989	14 90	08.00- 111909	12 1.1
		08.00- 112002	14 120 A47	08.00- 06.05 115504	12 1.1 A49
		08.00- 112075	14 70		
		08.00- 06.05 114797	14 120 A46		
		08.00- 06.05 115482	14 90 A49		
		08.00- 06.05 115483	14 120 A49		
	[AWB]	08.03- 06.05 111989	14 90	08.03- 06.05 112286	12 1.7
		08.03- 06.05 115482	14 90 A49		
	[BAD]			01.02- 112435	12 1.1
	[BFQ]	08.00- 06.05 111989	14 90	08.00- 06.05 111909	12 1.1
		08.00- 06.05 112002	14 120 A47	08.00- 06.05 115504	12 1.1 A49
		08.00- 112075	14 70		
		08.00- 114797	14 120 A46		
		08.00- 06.05 115482	14 90 A49		
		08.00- 06.05 115483	14 120 A49		
	[BJH]	08.00- 06.05 111989	14 90	08.00- 06.05 111909	12 1.1
		08.00- 06.05 112002	14 120 A47	08.00- 06.05 115504	12 1.1 A49
		08.00- 06.05 115482	14 90 A49		
		08.00- 06.05 115483	14 120 A49		
Golf IV 1.6 16V	[ATN]	11.99- 111989	14 90	11.99- 111909	12 1.1
		11.99- 06.05 115482	14 90 A49	11.99- 06.05 115504	12 1.1 A49
	[AUS]	05.00- 111989	14 90	05.00- 06.05 115504	12 1.1 A49
		05.00- 112273	14 70	05.00- 111909	12 1.1
		05.00- 06.05 115482	14 90 A49		
	AC	05.00- 111989	14 90		
	[AZD]	09.00- 111989	14 90	09.00- 06.05 115504	12 1.1 A49
		09.00- 112273	14 70	09.00- 111909	12 1.1
		09.00- 06.05 115482	14 90 A49		
	AC	09.00- 111989	14 90		
	[BCB]	11.01- 112273	14 70	11.01- 111909	12 1.1
		11.01- 05.04 115482	14 90 A49	11.01- 05.04 115504	12 1.1 A49
	Chas. 1J-X-000 001-	11.01- 111989	14 90		
	AC	11.01- 111989	14 90		
Golf IV 1.6 FSi	[BAD]			01.02- 112435	12 1.1
Golf IV 1.8	[BAG]	10.03- 07.04 114769	14 110		
	[ADZ]	06.98- 111352	14 70	06.98- 06.02 111909	12 1.1
		06.98- 111479	14 90	06.98- 06.02 115504	12 1.1 A49
	AC	06.98- 111477	14 90		
	[AGN]	12.03- 06.05 115482	14 90 A49	AT 10.97- 111909	12 1.1
		08.97- 111820	14 90	08.97- 111748	12 1.1
		08.97- 112075	14 70	08.97- 111749	12 1.1
				10.97- 12.03 115504	12 1.1 A49
	[AGU]	08.97- 111820	14 90	08.97- 111749	12 1.1
		08.97- 112075	14 70	AT 08.97- 111909	12 1.1
				08.97- 06.05 115504	12 1.1 A49
	[ANN]	06.98- 111352	14 70	06.98- 06.02 111909	12 1.1
		06.98- 111479	14 90	06.98- 06.02 115504	12 1.1 A49
	AC	06.98- 111477	14 90		
	[ANP]	06.98- 111352	14 70	06.98- 06.02 111909	12 1.1
		06.98- 111479	14 90	06.98- 06.02 115504	12 1.1 A49
	AC	06.98- 111477	14 90		
	[AOA]	08.97- 06.05 111820	14 90	08.97- 06.05 111909	12 1.1
		08.97- 06.05 112075	14 70	08.97- 06.05 112005	12 1.1
				08.97- 06.05 115504	12 1.1 A49



	[ARZ]	08.97- 06.05 08.97- 06.05	111820 112075	14 90 14 70		08.97- 06.05 08.97- 06.05 08.97- 06.05	111909 112005 115504	12 1.1 12 1.1 12 1.1	A49
	[AUM]	09.00- 05.06 09.00- 05.06 09.02- 05.03 08.97- 06.05 08.97- 06.05	115482 115483 111989 112002 114797	14 90 A49 14 120 A49 14 90 14 120 A47 14 120 A46		08.97- 06.05 6SP 09.00- 05.03 09.00- 05.06	111909 112429 115504	12 1.1 12 2.0 12 1.1	A49
	[AWD]	12.99- 04.01 12.99- 04.01	111820 112075	14 90 14 70		12.99- 04.01 12.99- 04.01 12.99- 04.01	111909 112005 115504	12 1.1 12 1.1 12 1.1	A49
	[BAF]	12.03- 06.05 08.97- 06.05	115482 111989	14 90 A49 14 90					
	[AAM]	06.98- 06.98- AC 06.98-	111352 111479 111477	14 70 14 90 14 90		06.98- 10.00 06.98- 10.00	111909 115504	12 1.1 12 1.1	A49
Golf IV 1.8 4 Motion	[AGN]	10.97- 10.00 05.98- 05.98-	115482 111989 112075	14 90 A49 14 90 14 70		10.98- 10.00 AT 05.98- 06.05 07.98-	115504 111909 112005	12 1.1 12 1.1 12 1.1	A49
Golf IV 1.8 GTi Turbo	[AUQ]	06.01- 06.01- 06.01- 06.05 06.01- 06.05 08.01- 08.01- 06.05	111989 112075 115482 115483 112002 114797	14 90 14 70 14 90 A49 14 120 A49 14 120 A47 14 120 A46		08.01- 06.05 AT 08.01- 06.05	114174 114308	12 1.1 12 1.4	
Golf IV 1.8 Turbo	[AGU]	05.00- 05.03 05.00- 05.00- 05.03 05.00- 05.00- 05.03 05.00- 05.03	111989 112002 112075 114797 115482 115483	14 90 14 120 A47 14 70 14 120 A46 14 90 A49 14 120 A49		5SP 05.00- 05.03 6SP 05.00- 05.03 AT 05.00- 05.00- 05.03	111909 112429 114308 115504	12 1.1 12 2.0 12 1.4 12 1.1	A49
	[AOA]	05.00- 05.00- 05.00- 05.00- 05.00- 05.00-	111989 112002 112075 114797 115482 115483	14 90 14 120 A47 14 70 14 120 A46 14 90 A49 14 120 A49		05.00- 05.00- 05.00- 05.00-	111909 112429 115504	12 1.1 12 2.0 12 1.1	A49
	[ARZ]	05.00- 05.00- 05.00- 05.00- 05.00- 05.00-	111989 112002 112075 114797 115482 115483	14 90 14 120 A47 14 70 14 120 A46 14 90 A49 14 120 A49		05.00- 05.00- 05.00-	111909 112429 115504	12 1.1 12 2.0 12 1.1	A49
	[AUM]	05.00- 05.00- 09.00- 05.03 09.00- 05.03 09.00- 05.03 09.00- 05.03	112002 114797 111989 112075 115482 115483	14 120 A47 14 120 A46 14 90 14 70 14 90 A49 14 120 A49		6SP 09.00- 05.03 5SP 09.00- 05.03 09.00- 05.03	112429 111909 115504	12 2.0 12 1.1 12 1.1	A49
	[AWD]	05.00- 05.00- 05.00- 05.00- 05.00- 05.00-	111989 112002 112075 114797 115482 115483	14 90 14 120 A47 14 70 14 120 A46 14 90 A49 14 120 A49		05.00- 05.00- 05.00- 05.00-	111909 112429 115504	12 1.1 12 2.0 12 1.1	A49
Golf IV 1.9 SDi	[AGP]	08.97- 08.97- 10.97- 04.01 05.99- 05.99- 05.99- 05.99-	111353 113340 115483 112002 112079 114789 114797 115483	14 70 14 70 14 120 A49 14 120 A47 14 90 A47 14 90 A49 14 120 A46 14 120 A49		08.97-	112286	12 1.7	
	[AQM]	08.97- 06.05 08.97- 06.05 08.97- 06.05 08.97- 06.05 11.98- 05.06	112002 112079 114789 114797 115483	14 120 A47 14 90 A47 14 90 A49 14 120 A46 14 120 A49		08.97-	112286	12 1.7	
Golf IV 1.9 TDi	[AGR]	10.97- 04.98 10.97- 10.97- 10.97- 05.04 10.97- 05.04 05.98- 05.98- 05.06	111820 112002 112079 114789 114797 113340 115483	14 90 14 120 A47 14 90 A47 14 90 A49 14 120 A46 14 70 14 120 A49		10.97- AT 10.97- 10.97- 05.06	111900 112286 115503	12 1.8 12 1.7 12 1.8	A49
	[AHF]	08.97- 04.98 08.97- 04.98 08.97- 08.97- 08.97- 05.04 05.98- 05.98- 05.06	111353 111820 112002 112079 114797 113340 115483	14 70 14 90 14 120 A47 14 90 A47 14 120 A46 14 70 14 120 A49		08.97- AT 08.97- 10.97- 05.06	111900 112286 115503	12 1.8 12 1.7 12 1.8	A49
	[AHU]	06.98- 06.00 06.98- 06.00 06.98- 06.00 AC 04.98- 06.00 AC 06.98- 06.00	111353 111477 111988 111828 111884	14 70 14 90 14 120 14 120 14 90		06.98- AT 06.98- 06.98- 06.00	111900 112286 115503	12 1.8 12 1.7 12 1.8	A49
	[AJM]	12.98- 12.98- 12.98- 06.01 12.98- 06.01 05.99- 07.01 05.99- 05.99- 07.01	112002 112079 114789 114797 112075 113340 115483	14 120 A47 14 90 A47 14 90 A49 14 120 A46 14 70 14 70 14 120 A49		12.98-	112429	12 2.0	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

	[ALE]	06.98-	111353	14 70		06.98-	111900	12 1.8	
		06.98-	111477	14 90		AT 06.98-	112286	12 1.7	
		06.98-	111988	14 120		05.96- 12.01	115503	12 1.8	A49
		AC 06.98-	111828	14 120					
		AC 06.98-	111884	14 90					
	[ALH]	10.97- 04.98	111820	14 90		10.97-	111900	12 1.8	
		10.97-	112002	14 120 A47		AT 10.97-	112286	12 1.7	
		10.97-	112079	14 90 A47		10.97- 05.06	115503	12 1.8	A49
		10.97- 05.06	114789	14 90 A49					
		10.97- 05.06	114797	14 120 A46					
		10.97- 05.06	115483	14 120 A49					
		05.98-	113340	14 70					
	[ARL]	05.00-	112002	14 120 A47		05.99- 06.05	112429	12 2.0	
		05.00-	112079	14 90 A47					
		05.00- 06.05	114797	14 120 A46					
		10.00-	113340	14 70					
		10.00- 05.06	115483	14 120 A49					
	[ASV]	05.00- 05.06	115483	14 120 A49		08.97- 05.04	112286	12 1.7	
		08.97- 05.04	112002	14 120		08.97- 05.04	111900	12 1.8	
		08.97- 05.04	113340	14 70		05.00- 05.06	115503	12 1.8	A49
	[ASZ]	11.00-	112002	14 120 A47		04.01- 11.01	112429	12 2.0	
		11.00-	112079	14 90 A47					
		11.00- 06.05	114797	14 120 A46					
		04.01-	113340	14 70					
		04.01- 05.06	115483	14 120 A49					
	[ATD]	02.00- 06.06	115483	14 120 A49		09.00-	111900	12 1.8	
		09.00-	112002	14 120 A47		6SP 02.00- 05.04	112429	12 2.0	
		09.00-	112079	14 90 A47		02.00- 06.06	115503	12 1.8	A49
		09.00-	113340	14 70					
		09.00- 06.05	114797	14 120 A46					
	[AUY]	12.98- 06.01	112002	14 120 A47		12.98- 06.01	112429	12 2.0	
		12.98- 06.01	112079	14 90 A47					
		12.98- 06.01	114789	14 90 A49					
		05.99- 07.01	112075	14 70					
		05.99- 07.01	115483	14 120 A49					
		08.99- 06.01	113340	14 70					
	[AXR]	09.00-	112002	14 120 A47		09.00-	111900	12 1.8	
		09.00-	112079	14 90 A47		6SP 05.01- 05.04	112429	12 2.0	
		09.00-	113340	14 70		05.01- 06.06	115503	12 1.8	A49
		09.00- 06.05	114797	14 120 A46					
		09.00- 06.06	115483	14 120 A49					
Golf IV 1.9 TDi 4 Motion	[AGR]	10.97- 05.05	115483	14 120 A49		AT 10.97-	112286	12 1.7	
		04.98-	113340	14 70		10.97- 05.05	115503	12 1.8	A49
		07.98-	112002	14 120 A47		10.97-	111900	12 1.8	
		07.98-	112079	14 90 A47					
		07.98- 05.05	114797	14 120 A46					
		07.98- 04.02	115482	14 90 A49					
		Chas. 1J-X-000001- 07.98- 09.02	111989	14 90					
	[AJM]	02.99- 06.01	113340	14 70		02.99- 06.01	112429	12 2.0	
		02.99- 06.01	115483	14 120 A49					
		05.99- 06.01	112002	14 120 A47					
		05.99- 06.01	112079	14 90 A47					
		05.99- 06.01	114789	14 90 A49					
		05.99- 06.01	114797	14 120 A46					
	[ALH]	10.97-	111989	14 90		10.97-	111900	12 1.8	
		04.98-	113340	14 70		AT 10.97-	112286	12 1.7	
		07.98-	112002	14 120 A47		07.98- 05.06	115503	12 1.8	A49
		07.98-	112079	14 90 A47					
		07.98-	114797	14 120 A46					
		07.98- 05.06	115482	14 90 A49					
		07.98- 05.06	115483	14 120 A49					
	[ARL]	02.00-	112002	14 120 A47		09.00- 06.05	112429	12 2.0	
		02.00-	112079	14 90 A47					
		02.00- 06.05	114797	14 120 A46					
		10.00-	113340	14 70					
		10.00- 05.06	115483	14 120 A49					
	[ASZ]	11.00-	112002	14 120 A47		04.01- 11.01	112429	12 2.0	
		11.00-	112079	14 90 A47					
		11.00- 06.05	114797	14 120 A46					
		04.01-	113340	14 70					
		04.01- 05.06	115483	14 120 A49					
	[ATD]	09.00-	112002	14 120 A47		09.00-	111900	12 1.8	
		09.00-	112079	14 90 A47		6SP 02.00- 06.05	112429	12 2.0	
		09.00-	113340	14 70		02.00- 05.06	115503	12 1.8	A49
		09.00- 06.05	114797	14 120 A46					
		09.00- 05.06	115483	14 120 A49					
	[AUY]	09.99- 06.01	112002	14 120 A47		09.99- 06.01	112429	12 2.0	
		09.99- 06.01	112079	14 90 A47					
		09.99- 06.01	113340	14 70					
		09.99- 06.01	114789	14 90 A49					
		09.99- 06.01	114797	14 120 A46					
		09.99- 06.01	115483	14 120 A49					
Golf IV 2.0	[AGG]	06.98-	111352	14 70		06.98-	111909	12 1.1	
		06.98-	111479	14 90		06.98- 06.02	115504	12 1.1	A49
		AC 06.98-	111477	14 90					
	[AKR]	06.98-	111352	14 70		06.98-	111909	12 1.1	
		06.98-	111479	14 90		06.98- 04.00	115504	12 1.1	A49
		AC 06.98-	111477	14 90					
	[APK]	08.98-	111989	14 90		AT 08.98-	111909	12 1.1	
		08.98-	112075	14 70		08.98-	112005	12 1.1	
		08.98- 05.06	115482	14 90 A49		08.98- 05.06	115504	12 1.1	A49
	[AQY]	08.98- 05.00	111989	14 90		AT 08.98-	111909	12 1.1	
		08.98- 05.00	112075	14 70		08.98-	112005	12 1.1	
		08.98- 06.06	115482	14 90 A49		08.98- 06.06	115504	12 1.1	A49
	[ATU]	06.99- 06.00	111352	14 70		06.99- 06.00	111909	12 1.1	
		AC 06.99- 06.00	111477	14 90		06.99- 06.00	115504	12 1.1	A49

## STARTERS & ALTERNATORS



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	[AWF]	06.00-06.02	111352	14 70		06.00-06.02	111909	12 1.1
		AC 06.00-06.02	111477	14 90		06.00-06.02	115504	12 1.1 A49
	[AWG]	06.00-06.02	111352	14 70		06.00-06.02	111909	12 1.1
		AC 06.00-06.02	111477	14 90		06.00-06.02	115504	12 1.1 A49
	[AZG]	05.01-04.02	111989	14 90		07.98-06.05	111909	12 1.1
		05.01-04.02	112075	14 70	A25	07.98-06.05	115504	12 1.1
		05.01-04.02	115482	14 90 A49		05.01-04.02	112005	12 1.1
		05.01-04.02	115483	14 120 A49				
		07.98-06.05	112002	14 120 A47				
	[AZJ]	04.00-	112002	14 120 A47		AT 05.01-	111909	12 1.1
		04.00-	114797	14 120 A46		05.01-06.06	115504	12 1.1 A49
		05.01-05.06	115483	14 120 A49		05.01-	112005	12 1.1
		07.98-05.04	111989	14 90				
		07.98-05.04	112075	14 70				
		07.98-06.06	115482	14 90 A49				
	[BER]	07.98-06.05	111989	14 90		07.98-06.05	111909	12 1.1
		07.98-06.05	112002	14 120 A47		07.98-06.05	112005	12 1.1
		07.98-06.05	112075	14 70	A25	07.98-06.05	115504	12 1.1
		07.98-06.05	114797	14 120 A46				
		07.98-06.05	115482	14 90 A49				
		07.98-06.05	115483	14 120 A49				
Golf IV 2.0 4 Motion	[AZH]	04.00-06.01	111989	14 90		10.00-	111909	12 1.1
		04.00-06.01	112075	14 70		04.00-06.05	115504	12 1.1 A49
		04.00-06.01	115482	14 90 A49				
		04.00-06.01	115483	14 120 A49				
		10.00-06.05	112002	14 120 A47				
		10.00-06.05	114797	14 120 A46				
	[AZJ]	10.00-06.05	112002	14 120 A47		05.01-06.06	115504	12 1.1 A49
		10.00-06.05	114797	14 120 A46		AT 05.01-06.05	111909	12 1.1
		05.01-06.05	111989	14 90				
		05.01-06.05	112075	14 70				
		05.01-06.06	115482	14 90 A49				
		05.01-06.06	115483	14 120 A49				
Golf IV 2.0 TSi	[GDLG]					05.11-11.12	115900	12 1.1
Golf IV 2.0 BiFuel	[BEH]	02.02-	112002	14 120 A47		02.02-	112005	12 1.1
		02.02-	114797	14 120 A46				
		05.02-	112075	14 70				
		05.02-06.06	115482	14 90 A49				
		05.02-06.06	115483	14 120 A49				
		AC 05.02-	111989	14 90				
Golf IV 2.3 V5	[AGZ]	08.97-	112002	14 120 A47		AT 08.97-	112286	12 1.7
		08.97-	112079	14 90 A47		08.97-10.00	114160	12 1.8
		08.97-10.00	114789	14 90 A49				
		08.97-10.00	114797	14 120 A46				
		10.97-02.01	115483	14 120 A49				
		05.98-	113340	14 70				
	[AQN]	09.00-	113340	14 70		6SP 09.00-	112429	12 2.0
		09.00-06.05	115483	14 120 A49		10.00-06.05	114160	12 1.8
		10.00-	112002	14 120 A47				
		10.00-	112079	14 90 A47				
		10.00-06.05	114797	14 120 A46				
Golf IV 2.3 V5 4 Motion	[AGZ]	10.97-02.01	115483	14 120 A49		AT 12.98-	112286	12 1.7
		12.98-	112002	14 120 A47		11.98-	114160	12 1.8
		12.98-	112079	14 90 A47				
		12.98-	113340	14 70				
		12.98-10.00	114789	14 90 A49				
		12.98-10.00	114797	14 120 A46				
	[AQN]	09.00-	113340	14 70		10.00-06.05	114160	12 1.8
		09.00-06.05	115483	14 120 A49		6SP 09.00-	112429	12 2.0
		10.00-	112002	14 120 A47				
		10.00-	112079	14 90 A47				
		10.00-06.05	114797	14 120 A46				
Golf IV 2.8 V6 4 Motion	[AOP]	03.99-06.05	112002	14 120 A47		6SP 03.99-	112429	12 2.0
		03.99-06.05	112079	14 90 A47				
		03.99-06.05	114789	14 90 A49				
		03.99-06.05	114797	14 120 A46				
		05.99-05.00	113340	14 70				
		05.99-05.00	115483	14 120 A49				
	[AUE]	01.00-04.01	113340	14 70		AT 03.99-06.05	114308	12 1.4
		01.00-04.01	115483	14 120 A49		6SP 03.99-04.01	112429	12 2.0
		03.99-06.05	112002	14 120 A47				
		03.99-06.05	112079	14 90 A47				
		03.99-06.05	114789	14 90 A49				
		03.99-06.05	114797	14 120 A46				
	[BDE]	05.01-06.05	113340	14 70		6SP 03.99-	112429	12 2.0
		05.01-06.05	115483	14 120 A49		AT 03.99-06.05	114308	12 1.4
		03.99-06.05	112002	14 120 A47				
		03.99-06.05	112079	14 90 A47				
		03.99-06.05	114789	14 90 A49				
		03.99-06.05	114797	14 120 A46				
Golf IV 3.2 4 Motion	[BFH]	06.02-05.04	115483	14 120 A49		AT 09.02-	113509	12 2.0
		09.02-	112002	14 120 A47				
		09.02-	112079	14 90 A47				
		09.02-06.05	114797	14 120 A46				
	[BML]	06.02-06.06	115483	14 120 A49		09.02-06.06	113509	12 2.0
		09.02-06.06	112002	14 120 A47		09.02-06.06	112429	12 2.0
Golf IV	[SSL]					04.01-	112435	12 1.1
Golf Plus 1.2 TSi	[CBZA]	05.10-	115765	14 140		05.10-	114175	12 1.1
		05.10-	115767*	14 140		DKG 05.10-	115337	12 2.0
						05.10-	115612	12 1.2
						05.10-	115645	12 2.0
Golf Sportsvan 1.2 TSi	[CYVB]					04.14-	115612	12 1.2
Golf Sportsvan 1.4 TSi	[CZCA]					04.14-	115612	12 1.2
						04.14-	115818	12 1.1
						04.14-	115944	12 1.7

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

VW Continued

	[CZDA]				02.14-	115612	12	1.2
					02.14-	115818	12	1.1
					02.14-	115944	12	1.7
Golf Sportsvan 1.4 TSI	[CPVB]				04.14-	115336	12	2.2
Golf Sportsvan 1.6	[CWVA]				05.14-	115696	12	1.1
Golf Sportsvan 1.6 TDI	[CRKA]				02.14-	115336	12	2.2
	[CRKB]				A25 02.14-	115336	12	2.2
					A50 02.14-	115610	12	2.0
					DKG 02.14-	115634	12	1.8
	[CXXB]				02.14-	115336	12	2.2
Golf Sportsvan 2.0 TDI	[CRLB]	02.14-	115826	14 140	A25 02.14-	115402	12	1.8
					02.14-	115638	12	1.7
					02.14-	116097*	12	2.0
	[CRVA]	05.14-	115826	14 140	05.14-	115638	12	1.7
					05.14-	116097*	12	2.0
Golf V 1.2 TSi Plus	[CBZB]	08.09-	115765	14 140	08.09-	114175	12	1.1
		08.09-	115767*	14 140	DKG 08.09-	115337	12	2.0
					DKG 08.09-	115611	12	1.1
					08.09-	115612	12	1.2
					08.09-	115645	12	2.0
Golf V 1.4	[CAXA]	05.07-	114769	14 110	05.07-	114163	12	1.1
					DSG 05.07-	115611	12	1.1
Golf V 1.4 FSi Plus	[BLN]	07.05- 05.06	114769	14 110				
Golf V 1.4 16V	[BCA]	01.05-	112075	14 70				
		01.05-	115482	14 90 A49				
		AC 01.05-	111989	14 90				
	[BUD]	05.06-	113874	14 110	05.06-	114034	12	1.0
Golf V 1.4 16V Plus	[BUD]	01.05-	113874	14 110	01.05-	114034	12	1.0
	[CGGA]	01.05-	113874	14 110	01.05-	114034	12	1.0
Golf V 1.4 FSi	[BKG]	10.03-	114769	14 110	10.03-	113773	12	1.1
	[BLN]	10.03-	114769	14 110	10.03-	113773	12	1.1
Golf V 1.4 TSi	[BLG]	11.05-	113861	14 110	11.05-	114163	12	1.1
		11.05-	114769	14 110	AT 11.05-	115333	12	1.0
	[BMY]	05.06-	113861	14 110	05.06-	114163	12	1.1
		05.06-	114769	14 110	AT 05.06-	115333	12	1.0
		05.06-	114884	14 140				
	[CAVD]				07.08-	114163	12	1.1
	[CAXA]	06.07-	114769	14 110	06.07-	114163	12	1.1
					DSG 06.07- 07.09	115611	12	1.1
Golf V 1.4 TSi Plus	[BLG]	05.06-	113861	14 110	11.05-	114163	12	1.1
		05.06-	114769	14 110	AT 05.06-	115333	12	1.0
		05.06-	114884	14 140				
	[BMY]	05.06-	113861	14 110	05.06-	114163	12	1.1
		05.06-	114769	14 110	AT 05.06-	115333	12	1.0
		05.06-	114884	14 140				
	[CAVD]	06.08-	113861	14 110	06.08-	114163	12	1.1
		06.08-	114884	14 140	06.08-	115612	12	1.2
	[CAXA]	06.07-	113861	14 110	06.07-	114163	12	1.1
		06.07-	114769	14 110	AT 06.07-	115611	12	1.1
		06.07-	114884	14 140	06.07-	115612	12	1.2
		06.07-	115528	14 140				
	[CNWA]	06.08-	113861	14 110	06.08-	114163	12	1.1
		06.08-	114884	14 140	06.08-	115612	12	1.2
Golf V 1.6	[BGU]	01.04-	113992	14 140	06.07- 07.09	114176	12	1.0
					01.04-	113773	12	1.1
					01.04-	115611	12	1.1
	[BSE]	01.04- 07.09	111989	14 90	01.04-	113773	12	1.1
		01.04-	113992	14 140				
		05.05-	115482	14 90 A49				
	[BSF]	01.04- 07.09	111989	14 90	01.04-	113773	12	1.1
		01.04-	113992	14 140				
		05.05-	115482	14 90 A49				
	[CCSA]	06.07-	113992	14 140				
Golf V 1.6 Plus	[BSE]	05.05-	113992	14 140	05.05-	113773	12	1.1
		05.05-	114722	14 140	05.05-	114176	12	1.0
					05.05-	115612	12	1.2
	[BSF]	05.05-	113992	14 140	05.05-	113773	12	1.1
		05.05-	114722	14 140	05.05-	114176	12	1.0
					05.05-	115612	12	1.2
	[CCSA]	11.07-	113992	14 140	11.07-	113773	12	1.1
		11.07-	114722	14 140	11.07-	114176	12	1.0
					11.07-	115612	12	1.2
	[CMXA]	05.05-	113992	14 140	05.05-	113773	12	1.1
		05.05-	114722	14 140	05.05-	114176	12	1.0
					05.05-	115612	12	1.2
Golf V 1.6 FSi	[BAG]	10.03-	114769	14 110	AT 10.03-	113773	12	1.1
	[BLF]	10.03-	114769	14 110	AT 10.03-	113773	12	1.1
					AT 01.05-	111909	12	1.1
					01.05-	115504	12	1.1 A49
	[BLP]	10.03-	114769	14 110	AT 10.03-	113773	12	1.1
Golf V 1.6 Multijet	[CCSA]	10.07-	111989	14 90	10.07-	114176	12	1.0
		10.07-	115482	14 90 A49				
		11.07-	113992	14 140				
Golf V 1.6 TDi Plus	[CAYC]	03.09-	113992	14 140	03.09-	114299	12	1.7
		03.09-	115433*	14 140	A25 03.09-	115336	12	2.2
					AT 03.09-	115376	12	1.8
					03.09-	115610	12	2.0
					03.09-	115634	12	1.8
Golf V 1.6 Plus Multifuel	[CCSA]	11.07-	113992	14 140	11.07-	114176	12	1.0
		11.07-	115621	14 110				
	[CMXA]	11.07-	115621	14 110	11.07-	114176	12	1.0
Golf V 1.8 GTI	[AUQ]	06.01-	115482	14 90 A49	6 ge 08.06-	114174	12	1.1
		06.01-	115483	14 120 A49				
		08.06-	111989	14 90				
		08.06-	112002	14 120 A47				

## STARTERS & ALTERNATORS



Golf V 1.9 TDi	[BKC]	10.03-	113992	14 140		10.03-	113842	12 2.0	
		10.03-	115370	14 110		10.03-	115508	12 1.7 A49	
						AT	10.03-	113509	12 2.0
							10.03-	113841	12 1.7
	[BLS]	10.03-	113992	14 140		10.03-	113842	12 2.0	
		10.03-	115370	14 110		10.03-	115508	12 1.7 A49	
						AT	10.03-	113509	12 2.0
							10.03-	113841	12 1.7
	[BRU]		05.04- 02.06	113992	14 140		05.04-	113842	12 2.0
			05.04- 02.06	115370	14 110		05.04- 02.06	115508	12 1.7 A49
[BXE]		10.03-	113992	14 140		10.03-	113841	12 1.7	
		10.03-	115370	14 110		10.03-	113842	12 2.0	
						10.03-	115508	12 1.7 A49	
[BXF]		02.06-	113992	14 140		10.03-	113841	12 1.7	
		02.06-	115370	14 110		05.04-	113842	12 2.0	
						02.06-	115508	12 1.7 A49	
[BXJ]		05.07-	113992	14 140		05.04-	113842	12 2.0	
		05.07-	115370	14 110		05.04-	115508	12 1.7 A49	
Golf V 1.9 TDi 4 Motion	[BKC]	08.04-	113992	14 140	AT, 6 Speed	08.04-	113509	12 2.0	
		08.04-	115370	14 110		08.04-	113841	12 1.7	
						08.04-	113842	12 2.0	
						08.04-	115508	12 1.7 A49	
	[BLS]	08.04-	113992	14 140	AT, 6 Speed	08.04-	113509	12 2.0	
		08.04-	115370	14 110		08.04-	113841	12 1.7	
						08.04- 07.09	113842	12 2.0	
						08.04-	115508	12 1.7 A49	
	[BXE]		08.04-	113992	14 140	AT, 6 Speed	08.04-	113509	12 2.0
			08.04-	115370	14 110		08.04-	113841	12 1.7
						08.04-	113842	12 2.0	
						08.04-	115508	12 1.7 A49	
Golf V 1.9 TDi Plus	[BLS]	01.05-	113992	14 140		01.05-	113842	12 2.0	
		01.05-	115370	14 110		01.05-	115508	12 1.7 A49	
	[BRU]		05.04- 02.06	113992	14 140	05.05-	113842	12 2.0	
			05.04- 02.06	115370	14 110	05.05- 02.06	115508	12 1.7 A49	
	[BXF]		02.06-	113992	14 140	05.05-	113842	12 2.0	
			02.06-	115370	14 110	02.06-	115508	12 1.7 A49	
[BXJ]		05.07-	113992	14 140	05.07-	113842	12 2.0		
		05.07-	115370	14 110	05.07-	115508	12 1.7 A49		
Golf V 2.0	[CBPA]	08.06-	113992	14 140		08.06-	113773	12 1.1	
						08.06-	114163	12 1.1	
Golf V 2.0 FSi	[AXW]	01.04-	113992	14 140	AT	01.04-	111909	12 1.1	
						01.04-	113773	12 1.1	
						01.04-	114163	12 1.1	
						01.04-	115504	12 1.1 A49	
	[BLR]		01.04-	113992	14 140	01.04-	113773	12 1.1	
						01.04-	114163	12 1.1	
	[BLX]		01.04-	113992	14 140	01.04-	113773	12 1.1	
						01.04-	114163	12 1.1	
	[BLY]		01.04-	113992	14 140	01.04-	113773	12 1.1	
						01.04-	114163	12 1.1	
[BVX]		01.04-	113992	14 140	01.04-	113773	12 1.1		
					01.04-	114163	12 1.1		
[BVY]		01.04-	113992	14 140	01.04-	113773	12 1.1		
					01.04-	114163	12 1.1		
[BVZ]		01.04-	113992	14 140	01.04-	113773	12 1.1		
					01.04-	114163	12 1.1		
Golf V 2.0 FSi 4 Motion	[BLX]	08.04-	113992	14 140		08.04-	113773	12 1.1	
						05.04- 11.05	114163	12 1.1	
[BVX]	08.04-	113992	14 140		08.04-	113773	12 1.1		
					11.05-	114163	12 1.1		
Golf V 2.0 FSi Plus	[BLR]	05.05-	113992	14 140	AT	05.05-	111909	12 1.1	
						05.05-	113773	12 1.1	
						05.05-	114163	12 1.1	
						05.05-	115504	12 1.1 A49	
	[BLY]		05.05-	113992	14 140	05.05-	113773	12 1.1	
						05.05-	114163	12 1.1	
	[BVY]		05.05-	113992	14 140	05.05-	113773	12 1.1	
					11.05-	114163	12 1.1		
[BVZ]		05.05-	113992	14 140	05.05-	113773	12 1.1		
					11.05-	114163	12 1.1		
Golf V 2.0 GTi	[AXX]	10.04-	113992	14 140		10.04-	113773	12 1.1	
						AT	10.04-	115333	12 1.0
	[BWA]		10.04-	113992	14 140	10.04-	113773	12 1.1	
						AT	10.04-	115333	12 1.0
	[BYD]		09.06-	113992	14 140	09.06-	113773	12 1.1	
[CAWB]		10.04-	113992	14 140	10.04-	113773	12 1.1		
					AT	10.04-	115333	12 1.0	
Golf V 2.0 SDi	[BDK]	01.04-	113992	14 140		01.04-	114062	12 1.7	
		01.04-	115370	14 110					
Golf V 2.0 TDi 16V	[BKD]	10.03-	113992	14 140		10.03-	113841	12 1.7	
		10.03-	115370	14 110		AT	10.03-	113509	12 2.0
						01.05-	115311	12 1.7	
	[CBDB]		01.05-	113992	14 140	01.05-	115337	12 2.0	
						01.05-	115638	12 1.7	
[CFHC]		01.05-	113992	14 140	01.05-	115337	12 2.0		
					01.05-	115638	12 1.7		
Golf V 2.0 TDi 16V 4 Motion	[BKD]	08.04-	113992	14 140	AT	08.04-	113509	12 2.0	
		08.04-	115370	14 110		08.04-	113841	12 1.7	
Golf V 2.0 TDi	[AZV]	10.03-	113992	14 140	AT	10.03-	113509	12 2.0	
		10.03-	115370	14 110		10.03-	115311	12 1.7	
	[BMM]		12.04-	113992	14 140	AT	12.04-	113509	12 2.0
			12.04-	115370	14 110		12.04-	113841	12 1.7
	[BMN]		11.05-	113992	14 140	AT	11.05-	113509	12 2.0
		11.05-	115370	14 110		11.05-	113841	12 1.7	
Golf V 2.0 TDi 4 Motion	[AZV]	06.07-	113992	14 140					

## STARTERS & ALTERNATORS

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	[BMM]	08.04-	113992	14 140		AT 08.04-	113509	12 2.0
		08.04-	115370	14 110		08.04-	113841	12 1.7
Golf V 2.0 TDi Plus	[AZV]	05.05-	113992	14 140		AT 05.05-	113509	12 2.0
		05.05-	115370	14 110		05.05-	113841	12 1.7
						05.05-	115311	12 1.7
	[BEE]	11.05-	115370	14 110		10.03-	113509	12 2.0
	[BMM]	12.05-	113992	14 140		12.05-	113841	12 1.7
		12.05-	115370	14 110				
	[CBDA]	05.05-	113992	14 140		AT 05.05-	113509	12 2.0
		05.05-	115370	14 110		05.05-	113841	12 1.7
						05.05-	115311	12 1.7
	[CBDC]	03.09-	113992	14 140		03.09-	115311	12 1.7
	[CFHB]	05.05-	113992	14 140		AT 05.05-	113509	12 2.0
		05.05-	115370	14 110		05.05-	113841	12 1.7
						05.05-	115311	12 1.7
	[CLCA]	03.09-	113992	14 140		03.09-	115311	12 1.7
Golf V 3.2	[BUB]	09.05-	113992	14 140				
Golf V 3.2 R32 4 Motion	[BUB]	11.05-	113992	14 140		11.05-	113841	12 1.7
	[CBRA]	11.05-	113992	14 140		11.05-	113841	12 1.7
Golf V 3.2 R32 4 Motion	[BFH]	01.04-	112002	14 120 A47		01.04-	112429	12 2.0
		01.04-	115483	14 120 A49				
Golf VI 1.2 TSi	[CBZA]	07.10- 07.13	115765	14 140		07.10- 07.13	115612	12 1.2
	[CBZB]	05.09- 07.13	115765	14 140		05.09-	114175	12 1.1
		05.09- 07.13	115767*	14 140		05.09- 11.12	115645	12 2.0
						A50 05.09- 11.12	115337	12 2.0
						DKG 05.09- 11.12	115611	12 1.1
						05.09- 11.12	115612	12 1.2
Golf VI 1.4	[CGGA]	07.09- 07.13	113874	14 110		07.09- 07.13	114034	12 1.0
Golf VI 1.4 TSi	[CAVD]	10.08- 11.12	113861	14 110		10.08- 07.13	115611	12 1.1
		10.08-	113992	14 140		10.08- 07.13	115612	12 1.2
		10.08- 11.12	114884	14 140				
		10.08- 11.12	115528	14 140				
		07.09-	114769	14 110				
	[CAXA]	10.08- 11.12	113861	14 110		10.08- 11.12	115611	12 1.1
		10.08- 11.12	114884	14 140		A50 10.08- 11.12	115337	12 2.0
		10.08- 11.12	115528	14 140		10.08- 07.13	115612	12 1.2
		07.09-	114769	14 110		A25 10.08- 11.12	115338	12 2.0
	[CNWA]	10.08- 11.12	113861	14 110		07.09-	114163	12 1.1
		10.08- 11.12	114884	14 140		10.08- 07.13	115611	12 1.1
		10.08- 11.12	115528	14 140		10.08- 07.13	115612	12 1.2
		07.09-	113992	14 140				
		07.09-	114769	14 110				
	[CTHD]	10.08- 11.12	113861	14 110		07.09-	114163	12 1.1
		10.08- 11.12	114884	14 140		10.08- 07.13	115611	12 1.1
		10.08- 11.12	115528	14 140		10.08- 07.13	115612	12 1.2
		07.09-	113992	14 140				
		07.09-	114769	14 110				
	[CTKA]	10.08- 11.12	113861	14 110		07.09-	114163	12 1.1
		10.08- 11.12	114884	14 140		10.08- 07.13	115611	12 1.1
		10.08- 11.12	115528	14 140		10.08- 07.13	115612	12 1.2
		07.09-	113992	14 140				
		07.09-	114769	14 110				
Golf VI 1.6	[BSE]	10.08-	113992	14 140		10.08- 11.12	114176	12 1.0
		10.08- 11.12	115621	14 110		DKG 10.08- 11.12	115611	12 1.1
						10.08- 11.12	115612	12 1.2
	[BSF]	10.08-	113992	14 140		10.08- 11.12	114176	12 1.0
		10.08- 11.12	115621	14 110		DKG 10.08- 11.12	115611	12 1.1
						10.08- 11.12	115612	12 1.2
	[CCSA]	10.08-	113992	14 140		10.08- 11.12	114176	12 1.0
		10.08- 11.12	115621	14 110		DKG 10.08- 11.12	115611	12 1.1
						10.08- 11.12	115612	12 1.2
	[CMXA]	10.08- 11.12	113992	14 140		10.08- 07.13	114176	12 1.0
		10.08- 11.12	115621	14 110		DKG 10.08- 11.12	115611	12 1.1
						10.08- 11.12	115612	12 1.2
Golf VI 1.6 BiFuel	[CHGA]	03.09-	113992	14 140				
Golf VI 1.6 Multijet	[CCSA]	10.08-	113992	14 140				
	[CMXA]	05.10-	113992	14 140		05.10-	114176	12 1.0
Golf VI 1.6 TDi	[CAYB]	02.09- 07.13	115433*	14 140		02.09- 11.12	114299	12 1.7
						A25 02.09- 11.12	115336	12 2.2
						AT 12.09-	115376	12 1.8
		12.09-	113992	14 140				
	[CAYC]	02.09- 07.13	115433*	14 140		A25 02.09- 11.12	115336	12 2.2
						DKG 02.09- 11.12	115376	12 1.8
		07.09-	113992	14 140		02.09- 11.12	114299	12 1.7
						02.09- 11.12	115610	12 2.0
Golf VI 1.8 TSi	[CDAA]					DKG 06.09- 01.11	115611	12 1.1
						06.09-	114163	12 1.1
Golf VI 2.0	[CCZA]	07.09-	113874	14 110		07.09-	113773	12 1.1
		07.09-	114722	14 140		DKG 07.09-	115333	12 1.0
	[CDLF]	11.09-	113992	14 140		11.09-	113773	12 1.1
						AT 11.09- 11.12	115333	12 1.0
						11.09- 11.12	115638	12 1.7
Golf VI 2.0 4motion	[CDLC]	11.09-	113992	14 140		11.09- 11.13	115638	12 1.7
						AT 11.09- 11.13	115333	12 1.0
						11.09-	113773	12 1.1
	[CRZA]	11.09- 11.13	113992	14 140		11.09- 11.13	115638	12 1.7
Golf VI 2.0 TSi	[CCZB]	04.09- 11.12	114722	14 140		04.09- 11.12	113773	12 1.1
						AT 04.09- 11.12	115333	12 1.0
						04.09- 11.12	115900	12 1.1
	[CULC]					11.13-	115561	12 1.7
Golf VI 2.0 TDi	[BMM]	07.09-	113992	14 140		07.09-	113841	12 1.7
	[CBAB]	10.08- 05.13	113992	14 140		10.08- 05.13	115311	12 1.7
		10.08- 05.13	115433*	14 140		10.08- 05.13	115638	12 1.7



	[CBBB]	04.09- 11.09	113992	14 140	04.09- 11.09	113509	12 2.0
		04.09- 11.09	115433*	14 140	04.09- 11.09	113841	12 1.7
					04.09- 11.09	115311	12 1.7
					04.09- 11.09	115402	12 1.8
					04.09- 11.09	115638	12 1.7
	[CBDA]	07.09- 09.10	113992	14 140	07.09- 09.10	115638	12 1.7
	[CBDB]	07.09-	113992	14 140	07.09-	113841	12 1.7
					07.09-	115311	12 1.7
					07.09-	115638	12 1.7
	[CBDC]	10.08-	113992	14 140			
	[CBAA]	10.08- 11.09	113992	14 140	10.08- 11.09	115311	12 1.7
		10.08- 11.09	114722	14 140			
		10.08- 11.09	115433*	14 140			
	[CFFA]	11.09- 11.12	113992	14 140	11.09- 11.12	113841	12 1.7
		11.09- 11.12	114722	14 140			
		11.09- 11.12	115433*	14 140			
	[CFFB]	10.08- 05.13	113992	14 140	10.08- 05.13	115311	12 1.7
		10.08- 05.13	115433*	14 140	10.08- 05.13	115638	12 1.7
	[CFGB]	11.09- 11.12	113992	14 140	11.09- 11.12	113841	12 1.7
		11.09- 11.12	115433*	14 140	11.09- 11.12	115311	12 1.7
					A25 11.09- 11.12	115402	12 1.8
					11.09- 11.12	115638	12 1.7
	[CFHB]	07.10-	113992	14 140	07.10-	115638	12 1.7
	[CFHC]	07.09-	113992	14 140	07.09-	113841	12 1.7
					07.09-	115311	12 1.7
					07.09-	115638	12 1.7
	[CJAA]	10.08-	113992	14 140	07.09-	113841	12 1.7
		10.08- 05.13	115433*	14 140	10.08- 05.13	115311	12 1.7
					10.08- 05.13	115638	12 1.7
	[CLCA]	10.08- 11.12	113992	14 140	01.10-	115311	12 1.7
					01.10-	115638	12 1.7
	[CLCB]	07.09-	113992	14 140	07.09-	113841	12 1.7
					07.09-	115311	12 1.7
					07.09-	115638	12 1.7
	[CUUB]				11.13-	115402	12 1.8
Golf VI 2.0 TDi 4 Motion	[CBAB]	10.08-	113992	14 140	10.08- 11.12	115311	12 1.7
		10.08- 11.12	115433*	14 140	10.08- 11.12	115638	12 1.7
	[CFFB]	11.09- 11.12	113992	14 140	11.09- 11.12	115311	12 1.7
		11.09- 11.12	115433*	14 140	11.09- 11.12	115638	12 1.7
Golf VII 1.0 TSi	[CHZD]				05.15-	115818	12 1.1
Golf VII 1.2 TSi	[CJZA]				07.13-	115612	12 1.2
					11.12-	115945*	12 2.0
	[CJZB]				07.13-	115696	12 1.1
					11.12-	115945*	12 2.0
	[CYVA]				07.13-	115696	12 1.1
					11.12-	115945*	12 2.0
	[CYVB]				04.14-	115612	12 1.2
Golf VII 1.4 TSi	[CHPA]				A25 11.12-	115818	12 1.1
					AT 11.12-	115612	12 1.2
					11.12-	115336	12 2.2
					05.13-	115612	12 1.2
	[CHPB]				05.14-	115612	12 1.2
					05.14-	115818	12 1.1
					05.14-	115944	12 1.7
	[CMBA]				A25 11.12-	115818	12 1.1
					11.12-	115612	12 1.2
	[CPTA]				A25 11.12-	115818	12 1.1
					11.12-	115336	12 2.2
					11.12-	115612	12 1.2
	[CPVA]				A25 11.12-	115818	12 1.1
					11.12-	115612	12 1.2
					07.13-	115818	12 1.1
	[CUKA]				A25 11.12-	115818	12 1.1
					11.12-	115612	12 1.2
	[CXSA]				A25 11.12-	115818	12 1.1
					11.12-	115612	12 1.2
					07.13-	115818	12 1.1
	[CZCA]				05.14-	115612	12 1.2
					05.14-	115818	12 1.1
					05.14-	115944	12 1.7
	[CZDA]				05.14-	115612	12 1.2
					05.14-	115818	12 1.1
					05.14-	115944	12 1.7
	[CZEA]				05.14-	115612	12 1.2
					05.14-	115818	12 1.1
					05.14-	115944	12 1.7
Golf VII 1.4	[CPWA]				A25 09.13-	115818	12 1.1
	[CZBA]				A25 09.13-	115818	12 1.1
Golf VII 1.4 TGi	[CPWA]				A25 06.13-	115818	12 1.1
	[CZBA]				A25 06.13-	115818	12 1.1
Golf VII 1.4 TSi	[CPVA]				A25 11.12-	115818	12 1.1
Golf VII 1.4 TSi	[CPVB]				A25 12.13-	115818	12 1.1
					05.14-	115612	12 1.2
					05.14-	115818	12 1.1
					05.14-	115944	12 1.7
Golf VII 1.4 TSi MultiFuel	[CPVA]				A25 04.13-	115818	12 1.1
Golf VII 1.6 TDi	[CLHA]				A25 07.13-	115336	12 2.2
					08.12-	115610	12 2.0
					A50 07.13-	115610	12 2.0
					DKG 11.12-	115634	12 1.8
					08.12-	115336	12 2.2
					05.13-	115402	12 1.8
	[CLHB]				05.13-	115336	12 2.2
	[CRKA]				05.13-	115336	12 2.2

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





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	[CRKB]				A25 01.13-	115336	12 2.2
					A50 01.13-	115610	12 2.0
					DKG 01.13-	115634	12 1.8
					05.13-	115336	12 2.2
	[CXXA]				05.13-	115336	12 2.2
	[CXXB]				A25 01.13-	115336	12 2.2
					A50 01.13-	115610	12 2.0
					DKG 01.13-	115634	12 1.8
					05.13-	115336	12 2.2
Golf VII 1.6 TDI 4 Motion	[CLHA]				A25 11.12-	115402	12 1.8
Golf VII 2.0	[CJXB]				11.13-	115561	12 1.7
					11.13-	115900	12 1.1
	[CJXC]				11.13-	115561	12 1.7
					11.13-	115900	12 1.1
Golf VII 2.0 4motion	[CJXB]				03.15-	115561	12 1.7
					03.15-	115900	12 1.1
Golf VII 2.0 R 4motion	[CJXC]				03.15-	115561	12 1.7
					03.15-	115900	12 1.1
Golf VII 2.0 GTI	[CHHA]				A25 04.13-	115561	12 1.7
					04.13-	115900	12 1.1
	[CHHB]				A25 04.13-	115561	12 1.7
					04.13-	115900	12 1.1
	[CJXE]				02.16-	115561	12 1.7
Golf VII 2.0 GTD	[CUNA]	04.13-	115826	14 140	A25 04.13-	115402	12 1.8
					04.13-	115638	12 1.7
					04.13-	116097*	12 2.0
Golf VII 2.0 TDI	[CKFC]	11.12-	115826	14 140	11.12-	115638	12 1.7
					A25 11.12-	115402	12 1.8
					11.12-	116097*	12 2.0
	[CRBB]	08.12-	115826	14 140	08.12-	115638	12 1.7
					08.12-	116097*	12 2.0
	[CRBC]	11.12-	115826	14 140	11.12-	115638	12 1.7
					A25 07.13-	115402	12 1.8
					11.12-	116097*	12 2.0
	[CRLB]	11.12-	115826	14 140	11.12-	115638	12 1.7
					A25 07.13-	115402	12 1.8
					11.12-	116097*	12 2.0
	[CRMB]	11.12-	115826	14 140	11.12-	115638	12 1.7
					A25 07.13-	115402	12 1.8
					11.12-	116097*	12 2.0
	[CRVA]				11.12-	115638	12 1.7
					05.13-	116097*	12 2.0
	[CRVC]				08.12-	115638	12 1.7
					08.12-	116097*	12 2.0
Golf VII 2.0 TDI 4 Motion	[CKFC]	11.12-	115826	14 140	A25 11.12-	115402	12 1.8
					11.12-	116097*	12 2.0
	[CRBC]	11.12-	115826	14 140	A25 11.12-	115402	12 1.8
					11.12-	116097*	12 2.0
	[CRLB]	11.12-	115826	14 140	A25 11.12-	115402	12 1.8
					11.12-	116097*	12 2.0
	[CRMB]	11.12-	115826	14 140	A25 11.12-	115402	12 1.8
					11.12-	116097*	12 2.0
Ilitis 1.7	[YX]	08.80- 12.88	111653	14 45			
Jetta 1.1	[GG]	08.80- 07.82	110360	14 45			
		08.81- 07.82	110913	14 70			
Jetta 1.2 TSi	[CBZB]	02.11-	115765	14 140	02.11-	114175	12 1.1
		02.11-	115767*	14 140	02.11-	115612	12 1.2
					02.11-	115634	12 1.8
					02.11-	115645	12 2.0
Jetta 1.3	[2G]	01.89- 07.92	111288	14 65	01.89- 07.92	111058	12 0.8
		01.89- 07.92	112763	14 55			
	[GF]	02.80- 12.83	110360	14 45			
		08.81- 12.83	110913	14 70			
	[GS]	08.82- 12.83	110360	14 45			
		08.82- 12.83	110913	14 70			
	[GT]	01.84- 07.87	112763	14 55	01.84- 07.87	111058	12 0.8
		08.85- 07.87	111288	14 65			
	[HK]				01.84- 07.85	111058	12 0.8
	[MH]	08.85- 12.88	111288	14 65	01.84- 12.88	111058	12 0.8
		08.85- 12.88	112763	14 55			
	[NZ]	02.87- 07.92	111288	14 65	02.87- 07.92	111058	12 0.8
		02.87- 07.92	112763	14 55			
Jetta 1.4 TSi	[BLG]	07.06-	113861	14 110	07.06-	114163	12 1.1
					AT 07.06-	115333	12 1.0
	[BMY]	07.06-	113861	14 110	07.06-	114163	12 1.1
					AT 07.06-	115333	12 1.0
	[CAVD]	04.11-	114884	14 140	07.08-	114163	12 1.1
					04.11-	115612	12 1.2
	[CAXA]	05.07-	113861	14 110	05.07-	113773	12 1.1
		05.07-	114769	14 110	05.07-	114163	12 1.1
					DSG 05.07-	115611	12 1.1
	[CTHD]	04.11-	114884	14 140	04.11-	114163	12 1.1
					04.11-	115612	12 1.2
	[CZCA]				A25 08.14-	115818	12 1.1
	[CZDA]				A25 08.14-	115818	12 1.1
Jetta 1.5	[JB]	08.79- 12.83	111653	14 45	AT 08.79- 12.83	110864	12 0.7
Jetta 1.6	[FR]	08.80- 12.83	111653	14 45	AT 08.80- 12.83	110864	12 0.7
	[ABN]	01.84- 07.85	110919	14 70	AT 01.84- 07.91	110864	12 0.7
		08.85- 07.92	112149	14 65	01.84- 07.91	111059	12 0.9
	[BSE]	10.05-	111989	14 90	10.05-	113773	12 1.1
		10.05-	113992	14 140	10.05-	114176	12 1.0
		10.05-	115482	14 90 A49	10.05-	115612	12 1.2
	[BSF]	10.05-	111989	14 90	10.05-	113773	12 1.1
		10.05-	113992	14 140	10.05-	114176	12 1.0
		10.05-	115482	14 90 A49	10.05-	115612	12 1.2



	[CCSA]	10.05- 10.05- 10.05-	111989 113992 115482	14 90 14 140 14 90	A49	10.05- 10.05- 10.05-	113773 114176 115612	12 1.1 12 1.0 12 1.2
	[EZ]	01.84- 07.92 01.84- 07.92 01.84- 07.92	111094 111154 112729	14 65 14 65 14 90		01.84- 07.92	111059	12 0.9
	[HM]	01.84- 07.85 08.85- 07.88	110919 112149	14 70 14 65		AT 01.84- 07.88 01.84- 07.88	110864 111059	12 0.7 12 0.9
	[PN]	10.86- 07.92	112149	14 65		AT 10.86- 07.92 10.86- 07.92	110864 111059	12 0.7 12 0.9
	[RF]	03.86- 10.91	112149	14 65		AT 03.86- 10.91 03.86- 10.91	110864 111059	12 0.7 12 0.9
Jetta 1.6 FSi	[BLF]	09.05-	114769	14 110		AT 09.05- 09.05- 09.05-	111909 113773 115504	12 1.1 12 1.1 12 1.1
Jetta 1.6 GTI 4x4	[EG]	08.79- 07.82	111653	14 45				
Jetta 1.6 Multijet	[CCSA]	01.08-	113992	14 140				
Jetta 1.6 Diesel	[CR]	08.80- 12.83 08.80- 12.83 AC 08.80- 12.83	110360 110913 110913	14 45 14 70 14 70		08.80- 12.83	110996	12 1.7
	[JK]	08.80- 12.83 08.80- 12.83 AC 08.80- 12.83	110360 110913 110913	14 45 14 70 14 70		08.80- 12.83	110996	12 1.7
	[JP]	08.85- 10.91 08.85- 10.91 AC 01.84- 05.84	111154 111288 112729	14 65 14 65 14 90		01.84- 07.92 01.84- 10.91	111059 111060	12 0.9 12 1.7
	[ME]	08.85- 10.91 08.85- 10.91	111154 111288	14 65 14 65		01.84- 07.92 08.84- 10.91	111059 111060	12 0.9 12 1.7
Jetta 1.6 TD	[1V]	08.89- 07.92 08.89- 07.92	111154 111288	14 65 14 65		08.89- 07.92	111060	12 1.7
	[CY]	03.82- 12.83 03.82- 12.83 AC 03.82- 12.83	110360 110913 110913	14 45 14 70 14 70		03.82- 12.83	110996	12 1.7
	[JR]	08.85- 10.91 08.85- 10.91 AC 01.84- 05.84	111154 111288 112729	14 65 14 65 14 90		01.84- 07.92 01.84- 10.91	111059 111060	12 0.9 12 1.7
	[MF]	08.85- 07.92 08.85- 07.92	111154 111288	14 65 14 65		01.84- 07.92 08.84- 07.92	111059 111060	12 0.9 12 1.7
	[RA]	04.89- 02.90 04.89- 02.90	111154 111288	14 65 14 65		04.89- 02.90	111060	12 1.7
	[SB]	08.89- 10.91 08.89- 10.91	111154 111288	14 65 14 65		08.89- 10.91	111060	12 1.7
Jetta 1.6 TDI	[CAVC]	02.11- 02.11-	113992 115433*	14 140 14 140		06.09- 02.11- 02.11-	114299 115336 115610 115634	12 1.7 12 2.2 12 2.0 12 1.8
Jetta 1.8	[EV]	01.84- 07.85 08.85- 07.87	110919 112149	14 70 14 65		01.84- 07.87	111059	12 0.9
	[GU]	12.83- 07.85 08.85- 10.91	110919 112149	14 70 14 65		12.83- 10.91	111059	12 0.9
	[GX]	12.83- 07.85 08.84- 07.85 08.85- 10.87 08.85- 10.91	110919 111094 111288 112149	14 70 14 65 14 65 14 65		12.83- 10.91	111059	12 0.9
	[GZ]	01.84- 07.85 08.85- 07.87	110919 112149	14 70 14 65		01.84- 07.87	111059	12 0.9
	[HV]	12.83- 07.85 04.84- 07.87 08.85- 07.87	110919 111288 112149	14 70 14 65 14 65		12.83- 07.87	111059	12 0.9
	[JJ]	08.82- 12.83	111653	14 45				
	[PB]	02.87- 10.91	112149	14 65		02.87- 10.91	111059	12 0.9
	[PF]	08.85- 07.92	112149	14 65		08.85- 07.92	111059	12 0.9
	[RD]	08.85- 10.87	112149	14 65		08.85- 10.87	111059	12 0.9
	[RH]	08.86- 07.90	112149	14 65		08.86- 07.90	111059	12 0.9
	[RP]	01.84- 07.85 08.85- 10.91	110919 112149	14 70 14 65		01.84- 10.91	111059	12 0.9
Jetta 1.8 Syncro	[1P]	08.88- 07.92	112149	14 65		08.88- 07.92	111059	12 0.9
	[RP]	10.87- 10.91	111288	14 65		08.87- 12.88	111059	12 0.9
Jetta 1.8 16V	[KR]					08.86- 10.91	111059	12 0.9
	[PL]					08.86- 10.91	111059	12 0.9
Jetta 1.9 TDi	[BKC]	09.05- 09.05-	113992 115370	14 140 14 110		09.05- AT 08.05- 09.05- 09.05- 08.05-	111909 113509 113842 115504 115508	12 1.1 12 2.0 12 2.0 12 1.1 12 1.7
	[BLS]	08.05- 08.05-	113992 115370	14 140 14 110		08.05- AT 08.05- 08.05- 08.05-	111909 113842 115611 115504 115508	12 1.1 12 2.0 12 1.1 12 1.1 12 1.7
	[BXE]	09.05- 09.05-	113992 115370	14 140 14 110		09.05- 08.05-	113842 115508	12 2.0 12 1.7
Jetta 2.0	[CBPA]	06.10- 06.10-	113992 115370	14 140 14 110		06.10- 06.10-	113773 114163	12 1.1 12 1.1
	[CKJA]	06.10- 06.10-	113992 115370	14 140 14 110		06.10- 06.10-	113773 113773	12 1.1 12 1.1
Jetta 2.0 FSi	[BLR]	08.05-	113992	14 140		AT 08.05- 08.05- 08.05- 11.05 08.05-	111909 113773 114163 115504	12 1.1 12 1.1 12 1.1 12 1.1
	[BLY]	08.05-	113992	14 140		AT 08.05- 08.05- 10.05- 11.05 08.05-	111909 113773 114163 115504	12 1.1 12 1.1 12 1.1 12 1.1
	[BVY]	08.05-	113992	14 140		08.05- 12.05-	113773 114163	12 1.1 12 1.1

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Application list

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	[BVZ]	08.05-	113992	14 140		08.05- 12.05-	113773 114163	12 1.1 12 1.1	
Jetta 2.0 TFSi	[BPY]	10.05-	113992	14 140		10.05- AT 10.05-	113773 115333	12 1.1 12 1.0	
	[BWA]	10.05-	113992	14 140		10.05- AT 10.05-	113773 115333	12 1.1 12 1.0	
	[CAWB]	10.05-	113992	14 140		10.05-	115333	12 1.0	
	[CBFA]	10.05-	113992	14 140		10.05-	115333	12 1.0	
	[CCTA]	02.08-	113992	14 140		02.08-	115333	12 1.0	
	[CCZA]	10.05-	113992	14 140		10.05-	115333	12 1.0	
Jetta 2.0 TSi	[CBFA]	12.10-	114722	14 140		12.10- 12.10-	113773 115900	12 1.1 12 1.1	
	[CCTA]	12.10-	114722	14 140		12.10- 12.10-	113773 115900	12 1.1 12 1.1	
	[CCZA]	12.10-	114722	14 140		12.10- 12.10-	113773 115900	12 1.1 12 1.1	
Jetta 2.0 TDi	[AZV]	09.05- 09.05-	113992 115370	14 140 14 110		09.05-	113841	12 1.7	
	[BKD]	08.05- 08.05-	113992 115370	14 140 14 110	AT	08.05- 08.05- 08.05-	113509 113841 115311	12 2.0 12 1.7 12 1.7	
	[BMM]	10.05- 10.05-	113992 115370	14 140 14 110		10.05-	113841	12 1.7	
	[BMN]	10.06- 10.06-	113992 115370	14 140 14 110		08.05-	113841	12 1.7	
	[CBDA]	09.05- 09.05-	113992 115370	14 140 14 110		09.05-	113841	12 1.7	
	[CBDB]	04.08- 04.08-	113861 113992	14 110 14 140		04.08-	115311	12 1.7	
	[CEGA]	10.06- 10.06-	113992 115370	14 140 14 110		10.06- 08.05-	113509 113841	12 2.0 12 1.7	
	[CFFB]	02.11-	113992	14 140		02.11- 02.11-	113841 115638	12 1.7 12 1.7	
	[CFHC]	02.11-	113992	14 140		02.11- 02.11-	113841 115638	12 1.7 12 1.7	
	[CJAA]	04.08- 04.08-	113861 113992	14 110 14 140		04.08- 02.11- 02.11-	115311 113841 115638	12 1.7 12 1.7 12 1.7	
	[CLCA]	10.10-	113992	14 140		10.10-	115638	12 1.7	
	[CLCB]	02.11-	113992	14 140		02.11- 02.11-	113841 115638	12 1.7 12 1.7	
	[CUUB]					08.14- 08.14-	115336 115402	12 2.2 12 1.8	
	Jetta 2.5	[BTK]					09.06-	114163	12 1.1
	Jetta IV 1.4 TSi Hybrid	[CNLA]					04.11-	112440	12 2.2
		[CRJA]					04.11-	112440	12 2.2
	Jetta IV 1.4 TSi	[CAVA]	04.11-	114884	14 140		04.11-	115612	12 1.2
		[CAXA]					05.11-	115612	12 1.2
		[CMSB]					05.11-	115612	12 1.2
		[CTHA]	04.11-	114884	14 140		04.11-	115612	12 1.2
Jetta IV 1.6	[CFNA]	12.11-	114884	14 140		12.11-	115612	12 1.2	
	[CFNB]	03.13-	114884	14 140		03.13-	114034	12 1.0	
	[CLRA]	12.11-	114884	14 140		12.11-	115612	12 1.2	
Jetta IV 2.0 TSi	[CPLA]					12.12-	115900	12 1.1	
	[CPPA]					12.12-	115900	12 1.1	
K 70 1.6	[DA]	01.73- 10.74	110360	14 45					
K 70 1.8	[DC]	01.73- 10.74	110360	14 45					
Kaefer 1.2	[D]	08.74- 12.85 08.71 111225	111096	14 51		08.69- 12.85	110363	12 0.7	
Kaefer 1.2 1303	[D]	04.75- 07.75	111096	14 51		04.75- 07.75	110363	12 0.7	
Kaefer 1.3	[AB]	08.72- 07.73	111225			08.70- 07.75	110363	12 0.7	
		08.74- 07.75	111096	14 51					
	[AR]	08.72- 07.73	111225			08.72- 07.75	110363	12 0.7	
		08.74- 07.75	111096	14 51					
Kaefer 1.3 1302	[F]					08.69- 07.70	110363	12 0.7	
Kaefer 1.3 1303	[AB]	08.74- 07.75	111096	14 51		08.70- 07.72	110363	12 0.7	
Kaefer 1.3 Karmann	[F]					08.72- 07.75	110363	12 0.7	
Kaefer 1.5	[H]	08.67- 07.70	111225			08.69- 07.70	110363	12 0.7	
Kaefer 1.6	[ACD]	07.94-	111096	14 51		10.92-	110363	12 0.7	
	[AD]	08.72- 07.73	111225			07.70- 12.79	110363	12 0.7	
		08.74- 12.79	111096	14 51					
	[AF]					10.73- 09.92	110363	12 0.7	
	[AJ]	08.72- 07.73	111225			08.72- 12.79	110363	12 0.7	
		08.74- 12.79	111096	14 51					
	[AS]	08.72- 07.73	111225			08.72- 12.79	110363	12 0.7	
		08.74- 12.79	111096	14 51					
Karmann Ghia 1.5	[H]	08.67- 07.70	111225			01.66- 12.69	110363	12 0.7	
Karmann Ghia 1.6 1600	[AD]					01.70- 07.74	110363	12 0.7	
Load Up 1.0	[CHYA]	12.14-	115695*	14 110		12.14-	115696	12 1.1	
Load Up 1.0 EcoFuel	[CPGA]	12.14-	115695*	14 110		12.14-	115696	12 1.1	
LT 28-35 2.0	[CH]	08.79- 11.82	111653	14 45		05.75- 11.82	110997	12 0.8	
LT 28-35 2.3	[AGL]	05.96-	111902	14 115		05.96-	111347	12 1.2	
LT 28-35 2.4	[DL]	12.82- 07.85	111653	14 45					
		08.83- 07.84	112729	14 90					
		08.85- 07.92	111094	14 65					
		08.85- 07.92	112149	14 65					
		10.88- 04.96	111094	14 65					
LT 28-35 2.4 i	[1E]	10.88- 07.93	112149	14 65					
LT 28-35 2.4 Diesel		10.88- 06.96	112729	14 90					
	[1S]	08.88- 07.92	111094	14 65 ▲		08.88- 07.92	112537	12 2.2	
		08.88- 07.92	112729	14 90					
		08.88- 07.92	112735	14 45					
		08.92- 04.96	111094	14 65 ▲		08.92- 04.96	112537	12 2.2	
		08.92- 04.96	112729	14 90					
	[ACT]	08.92- 04.96	112735	14 45					

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	[CP]	08.79- 11.82	111653	14 45		08.78- 11.82	111112	12 2.0
	[DW]	11.82- 07.92	111094	14 65 ▲		11.82- 07.87	111112	12 2.0
		11.82- 07.85	111653	14 45		08.84- 07.92	112537	12 2.2
		08.83- 07.92	112729	14 90				
		08.85- 07.92	112149	14 65				
		08.85- 07.92	112735	14 45				
LT 28-35 2.4 TD	[1G]	08.88- 08.92	111094	14 65		08.88- 08.92	111120	12 2.2
		08.88- 08.92	112149	14 65				
		08.88- 08.92	112729	14 90				
		08.88- 08.92	112735	14 45				
	[ACL]	09.92- 04.96	111094	14 65		09.92- 04.96	111120	12 2.2
		09.92- 04.96	112729	14 90				
		09.92- 04.96	112735	14 45				
	[DV]	12.82- 07.85	111653	14 45		12.82- 08.92	111120	12 2.2
		08.83- 08.92	112729	14 90				
		08.85- 08.92	111094	14 65				
		08.85- 08.92	112149	14 65				
		08.85- 08.92	112735	14 45				
LT 28-35 2.5 SDi	[AGX]	05.96- 04.01	113754	14 120		07.96-	112014	12 2.0
		07.96- 07.98	111898	14 120				
		07.96- 07.98	111899	14 90				
		07.98-	112043	14 90				
LT 28-35 2.5 TDi	[AHD]	05.96- 05.99	111898	14 120		05.96-	112221	12 2.0
		05.96- 07.98	111899	14 90				
		05.96- 04.01	113754	14 120				
		07.98-	112043	14 90				
	[ANJ]	05.99-	112043	14 90		05.99-	112221	12 2.0
		05.99- 04.06	113754	14 120		05.99-	112430	12 2.0
	[APA]	05.99-	112043	14 90		05.99-	112221	12 2.0
		05.99- 04.01	113754	14 120		05.99-	112430	12 2.0
	[AVR]	12.02- 04.06	113754	14 120		05.99-	112430	12 2.0
	[BBE]	05.01-	112043	14 90		05.01-	112221	12 2.0
		05.01-	113754	14 120				
	[BBF]	05.01-	112043	14 90		05.01-	112221	12 2.0
		05.01-	113754	14 120				
LT 28-35 2.8 TDi	[AGK]	06.97- 07.98	111898	14 120		06.97- 12.98	114304	12 2.3
		06.97- 07.98	111899	14 90				
		01.98- 12.98	113888	14 90				
		07.98-	112402	14 120				
	[ATA]	01.99-	112402	14 120		01.99-	114304	12 2.3
		01.99- 01.02	113888	14 90		01.99-	110844	12 2.2
	[AUH]	04.02-	112002	14 120 ▲		04.02-	114304	12 2.3
		04.02-	112079	14 90 A47				
		04.02-	114789	14 90 A49				
		04.02- 07.06	115483	14 120 A49				
	[BCQ]	04.02-	112002	14 120 A47		04.02-	114304	12 2.3
		04.02-	112079	14 90 A47				
		04.02-	114789	14 90 A49				
		04.02- 07.06	115483	14 120 A49				
LT 40-55 2.0	[CH]					04.75- 09.83	112455	12 1.4
LT 40-55 2.3	[AGL]					05.96- 11.01	111347	12 1.2
LT 40-55 2.4	[DL]	09.85- 07.92	111094	14 65				
LT 40-55 2.4 i	[1E]	10.88- 04.96	111094	14 65				
		07.93- 04.96	112729	14 90				
LT 40-55 2.4 Diesel	[1S]	08.89- 07.92	111094	14 65 ▲		08.89- 07.92	112537	12 2.2
		08.89- 07.92	112729	14 90				
		08.89- 07.92	112735	14 45				
	[ACT]	08.92- 12.95	111094	14 65 ▲		08.92- 12.95	112537	12 2.2
		08.92- 12.95	112729	14 90				
		08.92- 12.95	112735	14 45				
	[CP]	08.79- 11.82	111653	14 45		12.78- 11.82	111112	12 2.0
	[DW]	12.82- 07.85	111653	14 45		08.84- 07.87	111112	12 2.0
		11.84- 07.92	112729	14 90		08.84- 07.92	112537	12 2.2
		08.85- 07.92	112149	14 65				
		08.85- 07.92	112735	14 45				
LT 40-55 2.4 Diesel 4x4	[DW]	12.82- 07.85	111653	14 45		09.85- 07.92	112537	12 2.2
		08.84- 07.92	112729	14 90				
		08.85- 07.92	111094	14 65				
		08.85- 07.92	112735	14 45				
LT 40-55 2.4 TD	[1G]	08.88- 08.92	111094	14 65		08.88- 08.92	111120	12 2.2
		08.88- 08.92	112729	14 90				
		08.88- 08.92	112735	14 45				
	[ACL]	09.92- 04.96	111094	14 65		09.92- 04.96	111120	12 2.2
		09.92- 04.96	112729	14 90				
		09.92- 04.96	112735	14 45				
	[DV]	12.82- 08.85	111653	14 45		12.82- 09.92	111120	12 2.2
		12.82- 08.92	112729	14 90				
		08.85- 08.92	111094	14 65				
		08.85- 08.92	112735	14 45				
LT 40-55 2.4 TD 4x4	[DV]	09.85- 08.92	111094	14 65		08.78- 03.86	111120	12 2.2
		09.85- 08.92	112729	14 90				
LT 40-55 2.5 SDi	[AGX]	09.96-	113754	14 120		07.96-	112014	12 2.0
LT 40-55 2.5 TDi	[AHD]					05.96- 08.99	112221	12 2.0
	[ANJ]	05.99-	113754	14 120		05.99-	112430	12 2.0
	[APA]	05.99-	113754	14 120				
	[AVR]	05.99-	113754	14 120		05.99-	112430	12 2.0
	[BBE]	05.01-	112043	14 90		05.01-	112221	12 2.0
		05.01-	113754	14 120				
	[BBF]	05.01-	112043	14 90		05.01-	112221	12 2.0
		05.01-	113754	14 120				
LT 40-55 2.8 TDi	[AGK]					06.97- 12.98	114304	12 2.3
	[ATA]					01.99-	110844	12 2.2
						01.99-	114304	12 2.3

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	[AUH]	04.02- 04.06	112002	14 120 ▲	04.02-	114304	12 2.3	
		04.02-	112079	14 90 A47				
		04.02-	114789	14 90 A49				
		04.02- 07.06	115483	14 120 A49				
	[BCQ]	04.02-	112002	14 120 A47	04.02-	114304	12 2.3	
		04.02-	112079	14 90 A47				
		04.02-	114789	14 90 A49				
		04.02- 07.06	115483	14 120 A49				
Lupo 1.0	[AER]	PS 01.99-	112273	14 70	10.98- 05.00	113750	12 0.9 BO	
		PS 01.99-	112274	14 90	09.98- 07.05	114758	12 0.9 MA	
	[AHT]				09.98- 07.05	113750	12 0.9 BO	
					09.98- 07.05	114758	12 0.9 MA	
	[ALD]	PS 05.99-	112273	14 70	10.98- 07.05	113750	12 0.9 BO	
		PS 05.99-	112274	14 90	09.98- 07.05	114758	12 0.9 MA	
	[ALL]	PS 10.98-	112273	14 70	10.98- 05.00	113750	12 0.9 BO	
		PS 10.98-	112274	14 90	09.98- 07.05	114758	12 0.9 MA	
	[ANV]	PS 05.99-	112273	14 70	10.98- 05.00	113750	12 0.9 BO	
		PS 05.99-	112274	14 90	09.98- 07.05	114758	12 0.9 MA	
	[AUC]	PS 10.98-	112273	14 70	05.00- 07.05	113750	12 0.9 BO	
		PS 10.98-	112274	14 90	09.98- 07.05	114758	12 0.9 MA	
Lupo 1.2 TDi 3L	[ANY]	07.99-	113275	14 120				
	[AYZ]	07.99-	113275	14 120				
Lupo 1.4	[AHW]	01.99-	112273	14 70	01.99-	112307	12 1.1	
		01.99-	112274	14 90				
	[AKO]	10.98-	112273	14 70	10.98-	112307	12 1.1	
		10.98-	112274	14 90				
	[APE]	05.99-	112273	14 70	05.99-	112307	12 1.1	
		05.99-	112274	14 90				
	[AUA]				AC 09.00- 04.02	111823	12 1.1	
	[AUD]	10.00-	112274	14 90	AT 10.00-	111823	12 1.1	
					10.00-	112307	12 1.1	
					10.00- 07.05	113750	12 0.9 BO	
					10.00- 07.05	114758	12 0.9 MA	
	[BBY]				AC 11.01-	111823	12 1.1	
Lupo 1.4 16V	[AFK]	05.99-	112273	14 70	05.99-	112307	12 1.1	
		05.99-	112274	14 90				
	[ANM]	05.99-	112273	14 70	05.99-	112307	12 1.1	
		05.99-	112274	14 90				
	[AQQ]	05.99-	112273	14 70	05.99-	112307	12 1.1	
		05.99-	112274	14 90				
	[AUB]	05.00-	112273	14 70	05.00-	112307	12 1.1	
		05.00-	112274	14 90				
Lupo 1.4 FSi	[ARR]	02.01- 07.05	114027	14 110				
Lupo 1.4 TDi	[AMF]	01.99-	113275	14 120	01.99-	111900	12 1.8	
					01.99- 07.05	115503	12 1.8 A49	
Lupo 1.6	[BLH]	01.04- 12.09	112079	14 90				
		01.04- 12.09	112274	14 90				
Lupo 1.6 GTI	[AVY]	09.00-	111989	14 90	09.00-	112435	12 1.1	
		09.00-	112075	14 70	09.00-	113515	12 0.9	
		09.00-	112274	14 90				
		09.00- 07.05	115482	14 90 A49				
Lupo 1.7 SDI	[AKU]				04.98-	111904	12 1.8	
Multivan 1.9 TDi	[AXB]	04.03-	112002	14 120 A47	04.03-	113842	12 2.0	
		04.03-	112079	14 90 A47	04.03-	115508	12 1.7 A49	
		04.03-	113992	14 140				
		04.03-	114797	14 120 A46				
		04.03-	115483	14 120 A49				
	[AXC]	04.03- 11.09	112002	14 120 A47	04.03- 11.09	113842	12 2.0	
		04.03- 11.09	112079	14 90 A47	04.03- 11.09	115508	12 1.7 A49	
		04.03- 11.09	114797	14 120 A46				
		04.03- 11.09	115483	14 120 A49				
	[BRR]	01.06-	112002	14 120 A47	01.06-	113842	12 2.0	
		01.06-	113992	14 140	01.06-	115508	12 1.7 A49	
		01.06-	114453	14 180				
		01.06-	115483	14 120 A49				
	[BRS]	06.06-	112002	14 120 A47	06.06-	113842	12 2.0	
		06.06-	113992	14 140	06.06-	115508	12 1.7 A49	
		06.06-	115483	14 120 A49				
Multivan 2.0	[AXA]	04.03-	112002	14 120 A47	09.90-	112306	12 1.1	
		04.03-	113992	14 140	09.90- 06.03	113677	12 1.1	
		04.03-	114797	14 120 A46	11.03-	114163	12 1.1	
		11.03-	115483	14 120 A49				
Multivan 2.0 TSi	[CJKA]	05.11-	115922	14 140	04.15-	115561	12 1.7	
					05.11-	113841	12 1.7	
					05.11-	115900	12 1.1	
	[CJKB]	07.12-	115922	14 140	04.15-	115696	12 1.1	
					07.12-	113841	12 1.7	
Multivan 2.0 TSi 4motion	[CJKA]	07.11-	115922	14 140	06.15-	115561	12 1.7	
					07.11-	115900	12 1.1	
Multivan 2.0 BITDI	[CFCA]	09.09-	114697	14 180	09.09-	115638	12 1.7	
		09.09-	115707	14 110				
Multivan 2.0 BitDI 4 Motion	[CFCA]	09.09-	114697	14 180	09.09-	113841	12 1.7	
		09.09-	115707	14 110	09.09-	115638	12 1.7	
Multivan 2.0 TDi	[CCHA]	09.09-	114697	14 180	09.09-	115638	12 1.7	
		09.09-	115707	14 110				
	[CCHB]	05.10-	114697	14 180	05.10-	115638	12 1.7	
		05.10-	115707	14 110				
	[CFCA]	04.15-	115826	14 140	04.15-	113841	12 1.7	
					04.15-	115402	12 1.8	
					04.15-	115638	12 1.7	
					04.15-	116097*	12 2.0	
	[CXEB]	06.15-	115826	14 140	06.15-	115539	12 2.0	
	[CXFA]	04.15-	115826	14 140				
	[CXGA]	04.15-	115826	14 140	04.15-	115336	12 2.2	
	[CXGB]	04.15-	115707	14 110	04.15-	114299	12 1.7	
					04.15-	115336	12 2.2	

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	[CXHA]	04.15-	115826	14 140				
	[CAAA]	09.09- 09.09-	114697 115707	14 180 14 110		09.09-	114299	12 1.7
	[CAAB]	09.09- 09.09-	114697 115707	14 180 14 110		09.09- 04.15-	114299 115336	12 1.7 12 2.2
	[CAAC]	09.09- 09.09-	114697 115707	14 180 14 110		09.09- 04.15- 04.15-	115638 113841 115402	12 1.7 12 1.7 12 1.8
	[CAAD]	05.11-	115707	14 110		05.11-	115336	12 2.2
	[CAAE]	05.10- 05.10-	114697 115707	14 180 14 110		05.10-	115638	12 1.7
Multivan 2.0 TDi 4 Motion	[CCHA]	09.09- 09.09-	114697 115707	14 180 14 110		09.09-	115638	12 1.7
	[CAAC]	09.09- 09.09-	114697 115707	14 180 14 110		09.09-	115638	12 1.7
Multivan 2.0 TDi 4motion	[CCHB]	05.10- 05.10-	114697 115707	14 180 14 110		05.10-	115638	12 1.7
	[CFCA]	06.15-	115826	14 140		06.15- 06.15-	115638 116097*	12 1.7 12 2.0
	[CXEB]	06.15-	115826	14 140		06.15-	115539	12 2.0
	[CXFA]	08.15-	115826	14 140				
	[CAAC]	06.15-	115707	14 110		06.15- 06.15- 06.15-	113841 115402 115638	12 1.7 12 1.8 12 1.7
	[CAAE]	05.10- 05.10-	114697 115707	14 180 14 110		05.10-	115638	12 1.7
Multivan 2.5	[AET]	08.96- 08.98 08.96- 08.98 08.96- 06.03 08.98- 08.98-	111898 111899 113754 112043 112402	14 120 14 90 14 120 14 90 14 120		AT 08.96- 11.90- 12.94 08.96-	111060 112167 113387	12 1.7 12 1.8 12 2.0
	[APL]	08.96- 08.98 08.96- 08.98 08.98- 08.98- 05.99- 12.99	111898 111899 112043 112402 113754	14 120 14 90 14 90 14 120 14 120		AT 05.99- 05.99-	111060 113387	12 1.7 12 2.0
	[AVT]	12.99- 06.03 12.99- 06.03	112043 113754	14 90 14 120		12.99- 12.99- 06.03	111060 113387	12 1.7 12 2.0
Multivan 2.5 TDi	[AXD]	04.03-	113947	14 180		04.03- 04.03-	113678 115507	12 2.2 12 2.2 A49
	[AXE]	04.03-	113947	14 180		04.03- 04.03-	113678 115507	12 2.2 12 2.2 A49
	[BLJ]	11.03-	113947	14 180		11.03- 11.03-	113678 115507	12 2.2 12 2.2 A49
	[BNZ]	04.03-	113947	14 180		04.03- 04.03-	113678 115507	12 2.2 12 2.2 A49
	[BPC]	04.03-	113947	14 180		04.03- 04.03-	113678 115507	12 2.2 12 2.2 A49
Multivan 2.5 TDi 4 Motion	[AXD]	07.04-	113947	14 180		07.04- 07.04-	113678 115507	12 2.2 12 2.2 A49
	[AXE]	07.04-	113947	14 180		07.04- 07.04-	113678 115507	12 2.2 12 2.2 A49
	[BNZ]	07.04-	113947	14 180		07.04- 07.04-	113678 115507	12 2.2 12 2.2 A49
	[BPC]	07.04-	113947	14 180		07.04- 07.04-	113678 115507	12 2.2 12 2.2 A49
Multivan 3.2 V6	[BDL]	04.03- 04.03- 04.03- 04.03- 04.03-	112002 113884 114453 114797 115483	14 120 A47 14 150 14 180 14 120 A46 14 120 A49		04.03-	113841	12 1.7
	[BKK]	02.04- 02.04- 02.04- 02.04-	112002 113884 114797 115483	14 120 A47 14 150 14 120 A46 14 120 A49		02.04-	113841	12 1.7
	[CFLA]	02.04- 02.04-	112002 115483	14 120 A47 14 120 A49		02.04-	113841	12 1.7
Multivan 3.2 V6 4 Motion	[BKK]	07.04- 07.04- 07.04- 07.04- 07.04-	112002 113884 114453 114797 115483	14 120 A47 14 150 14 180 14 120 A46 14 120 A49		07.04-	113841	12 1.7
	[CFLA]	07.04- 07.04- 07.04-	112002 114453 115483	14 120 A47 14 180 14 120 A49		07.04-	113841	12 1.7
New Beetle 1.4	[BCA]	11.01- 11.01- 09.10 01.03- AC 11.01-	112075 115482 111989 111989	14 70 14 90 A49 14 90 14 90		07.02- 11.01- 06.02	113515 112435	12 0.9 12 1.1
New Beetle 1.6	[AWH]	10.99- 10.00 10.99- 09.00 10.99- 10.00 10.99- 09.00 10.99- 10.00 10.99- 10.00	111989 112002 112075 114797 115482 115483	14 90 14 120 A47 14 70 14 120 A46 14 90 A49 14 120 A49		10.99- 10.00 10.99- 10.00	111909 115504	12 1.1 12 1.1 A49
	[AYD]	06.00- 06.00- 09.00- 05.01 09.00- 05.01 09.00- 05.01 09.00- 05.01	112002 114797 111989 112075 115482 115483	14 120 A47 14 120 A46 14 90 14 70 14 90 A49 14 120 A49		09.00- 05.01 AT 09.00- 05.01 09.00- 05.01	112005 111909 115504	12 1.1 12 1.1 12 1.1 A49

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

	[BFS]	06.00- 09.10	111989	14 90		06.00- 09.10	112005	12 1.1
		06.00- 09.10	112002	14 120 A47		06.00- 09.10	111909	12 1.1
		06.00- 09.10	112075	14 70		06.00- 09.10	115504	12 1.1 A49
		06.00- 09.10	114797	14 120 A46				
		06.00- 09.10	115482	14 90 A49				
		06.00- 09.10	115483	14 120 A49				
New Beetle 1.8	[AGU]	10.00- 09.10	111989	14 90		10.00- 09.10	111989	
		10.00- 09.10	112002	14 120 A47		10.00-	114174	12 1.1
		10.00-	115482	14 90 A49		10.00-	115504	12 1.1 A49
		10.00-	115483	14 120 A49				
	[APH]	10.98- 05.01	115482	14 90 A49	AT	10.99-	111909	12 1.1
		10.99-	111989	14 90		10.98- 05.01	115504	12 1.1 A49
		10.99-	112075	14 70				
	[AVC]	05.99- 10.00	111989	14 90	AT	05.99- 10.00	111909	12 1.1
		05.99-	112002	14 120 A47		05.99- 10.00	112429	12 2.0
		05.99- 10.00	112075	14 70		05.99- 10.00	115504	12 1.1 A49
		05.99-	114797	14 120 A46				
		05.99- 10.00	115482	14 90 A49				
		05.99- 10.00	115483	14 120 A49				
	[AWU]	10.00-	111989	14 90	AT	10.00-	111909	12 1.1
		10.00-	112002	14 120 A47		10.00-	112429	12 2.0
		10.00-	112075	14 70		10.00-	114174	12 1.1
		10.00-	114797	14 120 A46		10.00-	115504	12 1.1 A49
		10.00-	115482	14 90 A49				
		10.00-	115483	14 120 A49				
	[AWV]	06.00- 05.01	111989	14 90	AT	06.00- 06.04	111909	12 1.1
		06.00-	112002	14 120 A47		06.00- 06.04	112429	12 2.0
		06.00- 05.01	112075	14 70		06.00-	114174	12 1.1
		06.00-	114797	14 120 A46		06.00- 06.04	115504	12 1.1 A49
		06.00- 06.04	115482	14 90 A49				
		06.00- 06.04	115483	14 120 A49				
	[BKF]	10.00- 09.10	111989	14 90		10.00- 09.10	111909	12 1.1
		10.00- 09.10	112002	14 120 A47		10.00-	114174	12 1.1
		10.00-	115482	14 90 A49		10.00-	115504	12 1.1 A49
		10.00-	115483	14 120 A49				
New Beetle 1.8 Turbo	[AWP]	11.01- 06.05	111989	14 90		11.01- 06.05	112005	12 1.1
		11.01- 06.05	112002	14 120 A47		11.01- 06.05	114174	12 1.1
		11.01- 06.05	112075	14 70				
		11.01- 06.05	112079	14 90				
		11.01- 06.05	114797	14 120				
		11.01- 06.05	115482	14 90 A49				
		11.01- 06.05	115483	14 120 A49				
	[AWU]	01.03-	112002	14 120 A47		01.04-	112005	12 1.1
		01.03-	114797	14 120 A46	AT	01.04-	111909	12 1.1
		01.03-	115482	14 90 A49		01.03-	115504	12 1.1 A49
		01.03-	115483	14 120 A49				
		01.04-	111989	14 90				
		01.04-	112075	14 70				
	[AWV]	01.03- 06.04	111989	14 90		01.03- 06.04	111909	12 1.1
		01.03- 06.04	112002	14 120 A47		01.03- 06.04	115504	12 1.1 A49
		01.03- 06.04	115482	14 90 A49				
		01.03- 06.04	115483	14 120 A49				
	[BKF]	07.04-	111989	14 90		07.04-	111909	12 1.1
		07.04-	112002	14 120 A47		07.04-	115504	12 1.1 A49
		07.04-	115482	14 90 A49				
		07.04-	115483	14 120 A49				
	[BNU]	07.04-	111989	14 90		07.04-	112005	12 1.1
		07.04-	112002	14 120 A47	6SP	07.04-	114174	12 1.1
		07.04-	112075	14 70				
		07.04-	112079	14 90				
		07.04-	114797	14 120				
		07.04-	115482	14 90 A49				
		07.04-	115483	14 120 A49				
New Beetle 1.9 TDi	[ALH]	01.98-	111353	14 70		01.98-	111900	12 1.8
		01.98-	112002	14 120 A47	AT	01.98-	112286	12 1.7
		01.98-	112079	14 90 A47		01.98- 06.04	115503	12 1.8 A49
		01.98- 06.04	114789	14 90 A49				
		01.98- 06.04	114797	14 120 A46				
		01.98- 06.04	115483	14 120 A49				
		03.98-	113340	14 70				
	[ATD]	02.01-	112002	14 120 A47		02.01-	111909	12 1.1
		02.01-	112079	14 90 A47		02.01-	115504	12 1.1 A49
		02.01-	113340	14 70				
		02.01- 09.10	114789	14 90 A49				
		02.01-	114797	14 120 A46				
		02.01-	115483	14 120 A49				
	[AXR]	06.03-	112002	14 120 A47		03.03-	111900	12 1.8
		06.03-	112079	14 90 A47		06.03- 06.05	115503	12 1.8 A49
		06.03-	113340	14 70				
		06.03-	114797	14 120 A46				
		06.03- 06.05	115483	14 120 A49				
	[BEW]	07.03- 09.10	112002	14 120		07.03- 09.10	111900	12 1.8
		07.03- 09.10	112079	14 90 A47		07.03-	115503	12 1.8 A49
		07.03- 09.10	113340	14 70				
		07.03- 09.10	114789	14 90 A49				
		07.03-	115483	14 120 A49				
	[BSW]	07.05-	112002	14 120 A47		07.05-	111900	12 1.8
		07.05-	112079	14 90 A47		07.05-	115503	12 1.8 A49
		07.05- 09.10	114789	14 90 A49				
		07.05-	114797	14 120 A46				
		07.05-	115483	14 120 A49				

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New Beetle 2.0	[AEG]	01.98-03.98	111820	14 90		01.98-03.98	111749	12 1.1
		01.98-	112002	14 120 A47		03.98-	112005	12 1.1
		01.98-	114797	14 120 A46		AT 01.98-	111909	12 1.1
		01.98-10.01	115483	14 120 A49		01.98-10.01	115504	12 1.1 A49
		03.98-	111989	14 90				
		03.98-	112075	14 70				
	[APK]	03.98-10.01	115482	14 90 A49		01.98-	111909	12 1.1
		06.00-06.05	115483	14 120 A49		06.00-06.05	115504	12 1.1 A49
		01.98-03.98	111820	14 90				
		01.98-	112002	14 120 A47				
		01.98-	114797	14 120 A46				
		03.98-	111989	14 90				
	[AQY]	03.98-	112075	14 70				
		01.98-	112002	14 120 A47		11.98-	112005	12 1.1
		01.98-	114797	14 120 A46		AT 11.98-	111909	12 1.1
		11.98-	111989	14 90		11.98-06.05	115504	12 1.1 A49
		11.98-	112075	14 70				
	[AVH]	11.98-06.05	115482	14 90 A49				
		11.98-06.05	115483	14 120 A49				
09.00-		115482	14 90 A49		01.98-09.10	111909	12 1.1	
09.00-		115483	14 120 A49		AT 01.98-	114174	12 1.1	
01.98-09.10		111989	14 90		09.00-	115504	12 1.1 A49	
[AZG]	01.98-09.10	112002	14 120					
	01.98-09.10	112075	14 70					
	08.00-06.05	115482	14 90 A49		01.98-	111909	12 1.1	
	08.00-06.05	115483	14 120 A49		08.00-06.05	115504	12 1.1 A49	
	01.98-03.98	111820	14 90					
[AZJ]	01.98-	112002	14 120 A47					
	01.98-	114797	14 120 A46					
	03.98-	111989	14 90					
	03.98-	112075	14 70					
	09.02-	114797	14 120 A46		AT, 4 Speed 01.98-09.10	111909	12 1.1	
[BDC]	01.03-	115482	14 90 A49		AT 01.98-	114174	12 1.1	
	01.03-	115483	14 120 A49		01.03-	115504	12 1.1 A49	
	01.98-09.10	111989	14 90					
	01.98-09.10	112002	14 120 A47					
	01.98-09.10	112075	14 70					
[BEV]	09.02-	112002	14 120 A47		AT6S 09.02-	114174	12 1.1	
	09.02-	114797	14 120 A46		AT 01.03-06.03	111909	12 1.1	
	01.03-06.03	111989	14 90		01.03-06.03	115504	12 1.1 A49	
	01.03-06.03	112075	14 70					
	01.03-06.03	115482	14 90 A49					
[BGD]	01.03-06.03	115483	14 120 A49					
	01.03-06.05	115482	14 90 A49		01.98-09.10	111909	12 1.1	
	01.03-06.05	115483	14 120 A49		AT 01.98-	114174	12 1.1	
	01.98-09.10	111989	14 90		06.03-	115504	12 1.1 A49	
	01.98-09.10	112002	14 120					
New Beetle 2.3 V5	[AQN]	09.02-	112002	14 120		AT6S 09.02-	114174	12 1.1
		01.03-	111989	14 90		01.03-	111909	12 1.1
		01.03-	112075	14 70		09.02-	115504	12 1.1 A49
		01.03-06.05	115482	14 90 A49				
		01.03-06.05	115483	14 120 A49				
		10.00-	112002	14 120				
New Beetle 3.2 RSi	[AXJ]	10.00-	112075	14 70				
		10.00-	113340	14 70				
		10.00-	114797	14 120 A46				
		10.00-	115483	14 120 A49				
		04.00-05.01	111989	14 90		10.00-05.01	112429	12 2.0
Passat 1.3	[EP]	04.00-05.01	112002	14 120 A47				
		04.00-05.01	112075	14 70				
		04.00-05.01	114797	14 120 A46				
	[EU]	04.00-05.01	115482	14 90 A49				
		04.00-05.01	115483	14 120 A49				
		04.00-05.01	115482	14 120 A49				
	[FY]	08.83-07.85	110919	14 70				
		08.83-07.85	111094	14 65				
		08.85-07.87	112149	14 65				
		12.79-07.83	110360	14 45		08.80-07.86	110865	12 0.95
[FZ]	08.83-07.85	110919	14 70					
	08.83-07.85	111094	14 65					
	08.79-07.83	110913	14 70					
	12.79-07.83	110360	14 45					
Passat 1.4 TSi	[CAXA]	08.80-07.83	110913	14 70				
		05.07-	113861	14 110		05.07-	114163	12 1.1
		05.07-	114884	14 140		A44 05.07-	115337	12 2.0
	[CTHD]	05.07-	115528	14 140		A25 05.07-	115338	12 2.0
						DKG 08.10-	115612	12 1.2
						08.10-	115508	12 1.7 A49
						05.07-	115611	12 1.1
	[CZCA]	11.12-	115528	14 140		08.10-	115612	12 1.2
						A50 11.12-	114163	12 1.1
						11.12-	115337	12 2.0
[CZEA]					11.12-	115612	12 1.2	
					A25 11.14-	115818	12 1.1	
					A25 11.14-	115818	12 1.1	
Passat 1.4 TSi MultiFuel	[CKMA]	11.10-	115528	14 140		11.10-	114163	12 1.1
						11.10-	113842	12 2.0
						11.10-	115508	12 1.7 A49
						11.10-	115612	12 1.2



VW Continued

Passat 1.4 TSi EcoFuel	[CDGA]	08.10-	115528	14	140	01.09-	114163	12	1.1	
						A24 01.09-	115611	12	1.1	
						A25 08.10-	115338	12	2.0	
						08.10-	113842	12	2.0	
						08.10-	115508	12	1.7 A49	
						08.10-	115612	12	1.2	
Passat 1.5 Diesel	[CK]	08.79- 07.80	111653	14	45					
Passat 1.6	[1F]	04.88- 07.90	112149	14	65					
	[ABN]	02.88- 12.88	112149	14	65	02.88- 12.88	112005	12	1.1	
		02.88- 12.88	112729	14	90	02.88- 12.88	112131	12	1.4	
	[ADP]	05.97- 11.00	111478	14	90	10.96- 11.00	112321	12	1.1	
		09.98- 11.00	112399	14	90					
	[AEK]	10.94- 12.95	111352	14	70	AT 10.94- 12.95	111748	12	1.1	
		10.94- 12.95	111479	14	90	10.94- 12.95	111749	12	1.1	
		AC 10.94- 12.95	111353	14	70					
		AC 10.94- 12.95	111477	14	90					
	[AFT]	12.95- 03.97	111352	14	70	AT 12.95- 03.97	111748	12	1.1	
		12.95- 03.97	111479	14	90	12.95- 03.97	111749	12	1.1	
		AC 12.95- 03.97	111353	14	70					
		AC 12.95- 03.97	111477	14	90					
	[AHL]	10.96- 09.98	111478	14	90	10.96- 11.00	112321	12	1.1	
		09.98- 11.00	112399	14	90					
		09.98- 11.00	113283	14	120					
	[ALZ]	11.00-	112399	14	90	Chas. -3B-4-200000	11.00- 10.03	112321	12	1.1
		11.00-	113283	14	120	Chas. 3B-4-200001-	11.00- 05.05	114179	12	1.2
		11.00- 05.05	113882	14	120					
	[ANA]	07.99- 11.00	112399	14	90	10.96- 11.00	112321	12	1.1	
		07.99- 11.00	113283	14	120					
	[ARM]	09.98- 11.00	112399	14	90	10.96- 11.00	112321	12	1.1	
		09.98- 11.00	113283	14	120					
	[BSE]	05.05-	113992	14	140	05.05-	114175	12	1.1	
	[BSF]	05.05-	113992	14	140	05.05-	114175	12	1.1	
	[DT]	08.83- 07.85	110919	14	70	08.80- 03.88	110865	12	0.95	
		08.83- 08.84	112729	14	90					
		08.85- 03.88	112149	14	65					
	[EZ]	02.88- 07.92	112149	14	65	08.91- 07.92	111749	12	1.1	
		02.88- 12.88	112729	14	90	08.90- 07.91	112131	12	1.4	
						08.91- 07.92	112005	12	1.1	
	[FS]	08.75- 07.80	113758	14	120					
	[JU]	08.83- 07.85	110919	14	70	08.84- 09.86	110865	12	0.95	
		08.85- 09.86	112149	14	65	01.81- 02.83	110858	12	0.7	
	[PP]	03.87- 03.88	112149	14	65	08.87- 03.88	110865	12	0.95	
	[RF]	03.88- 07.89	112149	14	65					
	[RL]	02.86- 03.88	112149	14	65	02.86- 03.88	110865	12	0.95	
	[WV]	08.81- 07.83	111653	14	45	08.81- 07.83	110865	12	0.95	
	[WV,WZ]	09.79- 07.80	111653	14	45					
	[YN]	08.79- 07.81	111653	14	45					
	[YP]	08.79- 02.83	111653	14	45	08.81- 02.83	110865	12	0.95	
Passat 1.6 FSi	[BLF]	03.05-	114769	14	110	AT 03.05-	111909	12	1.1	
						03.05-	113773	12	1.1	
						03.05-	114175	12	1.1	
						03.05-	115504	12	1.1 A49	
Passat 1.6 i	[YS]	06.78- 07.80	111139	14	75					
		08.79- 07.80	111653	14	45					
Passat 1.6	[RA]	08.88- 07.89	111154	14	65	AT 08.88- 07.89	111060	12	1.7	
		08.88- 07.89	112765	14	90					
Passat 1.6 Diesel	[JK]	08.85- 03.88	111094	14	65					
		08.85- 03.88	112735	14	45					
		AC 08.85- 03.88	112729	14	90					
Passat 1.6 TD	[CY]	08.85- 03.88	111094	14	65					
		08.85- 03.88	112735	14	45					
		AC 08.85- 03.88	112729	14	90					
	[RA]	08.88- 07.89	111154	14	65	AT 08.88- 07.89	111060	12	1.7	
	[SB]	08.88- 07.89	112765	14	90					
		08.88- 11.91	111154	14	65					
		08.88- 11.91	112765	14	90					
Passat 1.6 TDi	[CAYC]	08.10-	115712	14	180	A25 08.10-	115336	12	2.2	
						08.10-	115610	12	2.0	
	[DCXA]	08.14-	115826	14	140	A25 08.14-	115336	12	2.2	
						DKG 08.14-	115610	12	2.0	
Passat 1.8	[ABS]	08.91- 12.92	112149	14	65	AT 08.91- 09.94	111748	12	1.1	
		12.91- 09.94	111352	14	70	08.91- 09.94	111749	12	1.1	
		12.91- 09.94	111479	14	90					
		AC 07.92- 09.94	111353	14	70					
		AC 07.92- 09.94	111477	14	90					
	[ADR]	10.96- 09.98	111478	14	90	10.96- 01.99	112321	12	1.1	
		09.98- 01.99	112399	14	90					
		09.98- 01.99	113283	14	120					
	[ADZ]	10.94- 05.97	111352	14	70	AT 10.94- 05.97	111748	12	1.1	
		10.94- 05.97	111479	14	90	10.94- 05.97	112005	12	1.1	
						10.94- 05.97	115504	12	1.1 A49	
			AC 10.94- 05.97	111353	14	70	10.94- 05.97	111749	12	1.1
			AC 10.94- 05.97	111477	14	90	AT 10.94- 05.97	111909	12	1.1
		[AFY]	09.98-	112399	14	90	01.97- 11.00	112321	12	1.1
		[APT]	01.99- 11.99	112399	14	90	01.99- 11.00	112321	12	1.1
		01.99- 11.99	113283	14	120					
	[ARG]	02.99- 11.00	112399	14	90	10.96- 11.00	112321	12	1.1	
		02.99- 11.00	113283	14	120					
	[DS]	01.83- 07.85	110919	14	70	01.83- 03.88	110865	12	0.95	
		08.85- 03.88	112149	14	65					
	[DZ]	12.83- 07.85	110919	14	70	12.83- 03.88	110865	12	0.95	
		08.85- 03.88	112149	14	65					
	[JN]	01.83- 07.85	110919	14	70	01.83- 03.88	110865	12	0.95	
		08.85- 03.88	112149	14	65					
	[PB]	04.88- 07.90	112149	14	65	AT 04.88- 07.90	111059	12	0.9	
	[PF]					AT 04.88- 07.90	111059	12	0.9	

## STARTERS & ALTERNATORS



	[RM]	05.86- 03.88	112149	14 65		05.86- 03.88	110865	12 0.95	
	[RP]	02.88- 07.91	112149	14 65		AT 02.88- 07.91	111059	12 0.9	
						08.90- 07.91	112131	12 1.4	
	[AAM]	08.90- 11.92	112149	14 65		AT 08.90- 07.91	111059	12 0.9	
		12.91- 05.97	111352	14 70		08.90- 07.91	112131	12 1.4	
		12.92- 05.97	111479	14 90		AT 08.91- 05.97	111748	12 1.1	
		AC 07.92- 05.97	111353	14 70		08.91- 05.97	111749	12 1.1	
		AC 07.92- 05.97	111477	14 90					
Passat 1.8 4 Motion	[AWM]					Chas. -3B4157000	03.01- 05.05	112321	12 1.1
						Chas. 3B4157001-	03.01- 05.05	114179	12 1.2
Passat 1.8 Syncro	[DS]	01.86- 03.88	112149	14 65		01.86- 03.88	110865	12 0.95	
	[JN]	01.86- 03.88	112149	14 65		01.86- 03.88	110865	12 0.95	
Passat 1.8 Syncro 4 Motion	[ADR]	06.97- 09.98	111478	14 90		06.97-	112321	12 1.1	
		09.98-	112399	14 90					
		09.98-	113283	14 120					
	[APT]	01.99-	112399	14 90		01.99-	112321	12 1.1	
		01.99-	113283	14 120					
	[ARG]	01.99- 11.00	112399	14 90		06.97- 11.00	112321	12 1.1	
		01.99- 11.00	113283	14 120					
Passat 1.8 16V	[KR]	07.89- 07.92	112750	14 90		AT 08.90- 07.91	111059	12 0.9	
						AT 08.91- 07.92	111748	12 1.1	
						08.90- 07.91	112131	12 1.4	
Passat 1.8 G60 Syncro	[PG]	07.92- 03.97	111352	14 70		08.90- 07.91	112131	12 1.4	
		07.92- 03.97	111479	14 90					
		AC 07.92- 03.97	111353	14 70					
		AC 07.92- 03.97	111477	14 90					
Passat 1.8 TSi	[BZB]	05.07-	114722	14 140		05.07-	114163	12 1.1	
						A17S 05.07-	115611	12 1.1	
						05.07-	115612	12 1.2	
	[CDAB]	11.08- 05.10	114722	14 140		A25 11.08- 05.10	115337	12 2.0	
		11.08- 05.10	115547	14 140		11.08- 05.10	115612	12 1.2	
						DKG 11.08- 05.10	115611	12 1.1	
						11.08- 05.10	114163	12 1.1	
	[CDAA]	05.07-	114722	14 140		06.08-	114163	12 1.1	
						A25 08.10-	115337	12 2.0	
						AT 05.07-	115611	12 1.1	
						05.07-	115612	12 1.2	
	[CGYA]	11.08- 05.10	114722	14 140		11.08- 05.10	114163	12 1.1	
		11.08- 05.10	115547	14 140		11.08- 05.10	115337	12 2.0	
						AT 11.08- 05.10	115611	12 1.1	
						11.08- 05.10	115612	12 1.2	
	[CJSA]					02.15-	115612	12 1.2	
	[CJSC]					02.15-	115612	12 1.2	
Passat 1.8 Turbo 20V	[AWL]	11.00- 05.05	113882	14 120		Chas. -3B-4-200000	11.00- 05.05	112321	12 1.1
						Chas. 3B-4-200001-	11.00- 05.05	114179	12 1.2
	[AWT]	11.00-	112399	14 90		Chas. 3B-4-200001-	11.00- 05.05	114179	12 1.2
		11.00-	113283	14 120		Chas. -3B-4-200000	11.00-	112321	12 1.1
		11.00- 05.05	113882	14 120					
		AC 11.00-	112399	14 90					
Passat 1.8 Turbo	[AEB]	10.96- 09.98	111478	14 90		10.96- 11.00	112321	12 1.1	
		10.96- 11.00	113882	14 120					
		09.98- 11.00	112399	14 90					
		09.98- 11.00	113283	14 120					
	[ANB]	10.96- 11.00	113882	14 120		08.98- 11.00	112321	12 1.1	
		08.98- 11.00	112399	14 90					
		08.98- 11.00	113283	14 120					
	[APU]	10.96- 11.00	113882	14 120		01.99- 11.00	112321	12 1.1	
		01.99- 11.00	112399	14 90					
		01.99- 11.00	113283	14 120					
	[AWM]	02.01-	112399	14 90		Chas. -3B-4-200000	02.00- 10.03	112321	12 1.1
		02.01-	113283	14 120		Chas. 3B-4-200001-	02.01- 05.05	114179	12 1.2
Passat 1.9	[WN]	01.81- 07.81	110911	14 55					
		01.81- 07.81	111139	14 75					
		01.81- 07.83	111653	14 45					
Passat 1.9 Diesel	[1Y]	05.89- 11.91	111154	14 65		AT 05.89- 09.93	112286	12 1.7	
		05.89- 11.91	112765	14 90					
		11.91- 09.93	111352	14 70					
		11.91- 09.93	111479	14 90					
		AC 11.91- 09.93	111353	14 70					
		AC 11.91- 09.93	111477	14 90					
Passat 1.9 TD	[AAZ]	03.91- 03.97	111352	14 70		04.94- 03.97	111900	12 1.8	
		03.91- 03.97	111479	14 90		AT 03.91- 03.97	112286	12 1.7	
		AC 03.91- 03.97	111353	14 70		04.94- 03.97	115503	12 1.8	A49
		AC 03.91- 03.97	111477	14 90					
Passat 1.9 TDi	[1Z]	10.93- 08.96	111353	14 70		04.94- 08.96	111900	12 1.8	
		10.93- 08.96	111477	14 90		AT 10.93- 08.96	112286	12 1.7	
		10.93- 08.96	111988	14 120		04.94- 08.96	115503	12 1.8	A49
	[AFN]	03.96- 03.97	111353	14 70		10.96- 11.00	111694	12 1.8	
		03.96- 03.97	111477	14 90		03.96- 03.97	115503	12 1.8	A49
		03.96- 03.97	111828	14 120		03.96- 03.97	111900	12 1.8	
		10.96- 11.00	113770	14 120		AT 03.96- 03.97	112286	12 1.7	
		09.98- 11.00	112396	14 90					
		09.98- 11.00	112397	14 120					
	[AHH]	09.98- 11.00	112396	14 90		05.98- 11.00	111694	12 1.8	
		09.98- 11.00	112397	14 120					
	[AHU]	08.96- 03.97	111353	14 70		08.96- 03.97	111900	12 1.8	
		08.96- 03.97	111477	14 90		08.96- 11.00	115503	12 1.8	A49
		08.96- 03.97	111988	14 120		10.96- 11.00	111694	12 1.8	
		10.96- 06.97	112045	14 120					
		10.96- 11.00	113770	14 120					
		09.98- 11.00	112396	14 90					
		09.98- 11.00	112397	14 120					
	[AJM]	08.98- 11.00	112396	14 90		AT 08.98- 11.00	111694	12 1.8	
		08.98- 11.00	113770	14 120					
		09.98- 11.00	112397	14 120					
		AC 08.98-	112397	14 120					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

	[ATJ]	12.99- 11.00	112396	14 90	Chas. 3B..X..180001	12.99- 11.00	111694	12 1.8
		12.99- 11.00	112397	14 120				
	[AVB]	10.00-	112396	14 90	AT 10.00-		111694	12 1.8
		10.00-	112397	14 120				
		10.00-	113252	14 140				
	[AVF]	11.00-	112396	14 90	AT 11.00-		111694	12 1.8
		11.00-	112397	14 120	11.00- 05.05		114171	12 1.7
		11.00-	113252	14 140				
	[AVG]	08.99- 11.00	112397	14 120		10.96- 11.00	111694	12 1.8
		09.99- 11.00	112396	14 90				
	[AWX]	11.00-	112396	14 90	AT 11.00-		111694	12 1.8
		11.00-	112397	14 120				
		11.00-	113252	14 140				
	[BKC]	03.05-	113992	14 140		03.05-	113842	12 2.0
		03.05-	114109	14 180		03.05-	115508	12 1.7 A49
	[BLS]	03.05-	113992	14 140		03.05-	113842	12 2.0
		03.05-	114109	14 180		03.05-	115508	12 1.7 A49
	[BXE]	03.05-	113992	14 140		03.05-	113842	12 2.0
		03.05-	114109	14 180		03.05-	115508	12 1.7 A49
Passat 1.9 TDi 4 Motion	[AVF]	11.00-	112397	14 120	AT 11.00-		111694	12 1.8
		11.00-	113252	14 140	11.00- 05.05		114171	12 1.7
Passat 1.9 TDi Syncro 4 Motion	[AFN]	10.96- 11.00	113770	14 120		06.97-	111694	12 1.8
		09.98-	112396	14 90				
		09.98-	112397	14 120				
	[ATJ]	08.99- 02.01	112396	14 90	AT 08.99- 02.01		111694	12 1.8
		08.99- 02.01	112397	14 120				
	[AVG]	09.98- 08.00	112396	14 90		06.97- 08.00	111694	12 1.8
		09.98- 08.00	112397	14 120				
Passat 2.0	[2E]	03.90- 07.92	112149	14 65	AT 08.90- 07.91		111059	12 0.9
		07.92- 09.94	111352	14 70		08.90- 07.91	112131	12 1.4
		07.92- 09.94	111479	14 90	AT 08.91- 09.94		111748	12 1.1
		AC 07.92- 09.94	111353	14 70		08.91- 09.94	111749	12 1.1
		AC 07.92- 09.94	111477	14 90				
	[ADY]	10.94- 07.95	111352	14 70	AT 10.94- 07.95		111748	12 1.1
		10.94- 07.95	111479	14 90		10.94- 07.95	111749	12 1.1
		AC 10.94- 07.95	111353	14 70				
		AC 10.94- 07.95	111477	14 90				
	[AEP]				AT 10.94- 03.97		111909	12 1.1
					03.95- 08.96		115504	12 1.1 A49
	[AGG]	07.95- 03.97	111352	14 70		07.95- 03.97	111749	12 1.1
		07.95- 03.97	111479	14 90	AT 07.95- 03.97		111748	12 1.1
		AC 07.95- 03.97	111353	14 70				
		AC 07.95- 03.97	111477	14 90				
	[ALT]	11.01-	112399	14 90	Chas. -3B-4-200000	11.01- 10.03	112321	12 1.1
					Chas. 3B-4-2000001-	11.01- 05.05	114179	12 1.2
					Chas. 3B-4-200001-	11.01- 05.05	114179	12 1.2
	[ASU]					01.00- 08.00	112321	12 1.1
	[AUZ]					01.00- 08.00	112321	12 1.1
	[AZM]	11.00-	112399	14 90	Chas. -3B-4-200000	11.00- 10.03	112321	12 1.1
		11.00-	113283	14 120	Chas. 3B-4-200001-	11.00- 05.05	114179	12 1.2
		11.00- 05.05	113882	14 120				
	[BFF]	11.00- 05.05	113882	14 120	Chas. -3B-4-200000	11.00- 05.05	112321	12 1.1
					Chas. 3B-4-200001-	11.00- 05.05	114179	12 1.2
	[HP]	08.83- 07.87	112729	14 90		08.83- 03.88	111010	12 1.4
	[JS]					08.84- 03.88	111010	12 1.4
Passat 2.0 4 Motion	[ASU]					01.00- 08.00	112321	12 1.1
	[AZM]	11.00-	112399	14 90	Chas. -3B-4-200000	11.00- 11.03	112321	12 1.1
		11.00-	113283	14 120	Chas. 3B-4-200001-	11.00- 05.05	114179	12 1.2
Passat 2.0 Syncro	[2E]	10.90- 07.92	112149	14 65		08.91- 09.94	111749	12 1.1
		07.92- 09.94	111352	14 70		10.90- 07.91	112131	12 1.4
		07.92- 09.94	111479	14 90				
		AC 07.92- 09.94	111353	14 70				
		AC 07.92- 09.94	111477	14 90				
	[ADY]	10.94- 12.95	111352	14 70		10.94- 12.95	111749	12 1.1
		10.94- 12.95	111479	14 90				
		AC 10.94- 12.95	111353	14 70				
		AC 10.94- 12.95	111477	14 90				
	[AGG]	07.95- 12.96	111352	14 70		07.95- 12.96	111749	12 1.1
		07.95- 12.96	111479	14 90				
		AC 07.95- 12.96	111353	14 70				
		AC 07.95- 12.96	111477	14 90				
	[JS]					08.84- 07.85	111010	12 1.4
Passat 2.0 16V	[9A]				AT 08.90- 07.91		111059	12 0.9
					08.91- 09.93		111748	12 1.1
					08.91- 09.93		111749	12 1.1
					08.90- 07.91		112131	12 1.4
	[ABF]	01.94- 03.97	111353	14 70	AT 01.94- 03.97		111748	12 1.1
		01.94- 03.97	111477	14 90		01.94- 03.97	111749	12 1.1
Passat 2.0 16V GT	[9A]				AT 08.90- 07.91		111059	12 0.9
					08.91- 09.93		111748	12 1.1
					08.91- 09.93		111749	12 1.1
					08.90- 07.91		112131	12 1.4
Passat 2.0 FSi	[BLR]	03.05- 11.05	113992	14 140	AT 03.05-		111909	12 1.1
		03.05- 11.05	114109	14 180		03.05-	113773	12 1.1
						03.05- 11.05	114163	12 1.1
						03.05- 11.05	115504	12 1.1 A49
	[BLY]	03.05- 11.05	113992	14 140		03.05-	113773	12 1.1
		03.05- 11.05	114109	14 180		03.05- 11.05	114163	12 1.1
	[BVY]	11.05-	113992	14 140		11.05-	114163	12 1.1
		11.05-	114109	14 180				
	[BVZ]	11.05-	113992	14 140		08.05-	114163	12 1.1
		11.05-	114109	14 180				
Passat 2.0 FSi 4 Motion	[BLX]	09.05-	113992	14 140		09.05-	113773	12 1.1
		09.05-	114109	14 180		09.05-	114163	12 1.1
	[BLY]	09.05-	113992	14 140		09.05-	113773	12 1.1
		09.05-	114109	14 180		09.05-	114163	12 1.1

## STARTERS & ALTERNATORS



	[BVX]	09.05- 09.05-	113992 114109	14 140 14 180		09.05- 09.05-	113773 114163	12 1.1 12 1.1	
Passat 2.0 TFSi	[AXX]	07.05- 07.05-	113992 114109	14 140 14 180		07.05- 07.05-	113773	12 1.1	
	[BPV]	07.05- 07.05-	113992 114109	14 140 14 180		07.05- 07.05-	113773	12 1.1	
	[BWA]	07.05- 07.05-	113992 114109	14 140 14 180		07.05- 07.05-	113773	12 1.1	
	[CCZB]	11.10-	115547	14 140		11.10- A25 11.10- 11.10-	113773 115964 115900	12 1.1 12 2.0 12 1.1	
	[CHHB]					05.15- 05.15- 11.10-	115561 115900	12 1.7 12 1.1	
Passat 2.0 TSI 4motion	[CCZB]					01.12- 01.12- 01.12-	113773 115900 115964	12 1.1 12 1.1 12 2.0	
	[CJXA]					05.15- 05.15-	115561 115900	12 1.7 12 1.1	
Passat 2.0 TSI CC	[CAWB]	06.08- 11.09	114722	14 140		06.08- 11.09 06.08- 11.09	113773 115900	12 1.1 12 1.1	
	[CCTA]	06.08- 01.12	114722	14 140		06.08- 01.12 06.08- 01.12	113773 115900	12 1.1 12 1.1	
	[CCZA]	11.09- 01.12	114722	14 140		11.09- 01.12 11.09- 01.12	113773 115900	12 1.1 12 1.1	
Passat 2.0 TDI 16V	[BKP]	03.05- 03.05-	113992 116038	14 140 14 180		03.05- 03.05- AT 03.05-	113841 115638 113509	12 1.7 12 1.7 12 2.0	
	[CBAB]	01.08- 01.08- 01.08-	113992 115370 116038	14 140 14 110 14 180		01.08- 01.08- 01.08-	115311 115402 115638	12 1.7 12 1.8 12 1.7	
	[BKP]	03.05- 03.05-	113992 116038	14 140 14 180		03.05- 03.05- 03.05-	113841 115311 115638	12 1.7 12 1.7 12 1.7	
	[CBAB]	05.08- 05.08- 05.08-	113992 115370 116038	14 140 14 110 14 180		05.08- 05.08- 05.08-	115311 115638	12 1.7 12 1.7	
Passat 2.0 TDI	[BGH]					12.03- 05.05	114171	12 1.7	
	[BGW]	12.03- 12.03- 12.03-	112396 112397 113252	14 90 14 120 14 140		AT 11.03- 12.03- 05.05	111694 114171	12 1.8 12 1.7	
	[BMA]	03.05- 03.05- 03.05-	113992 114109 116038	14 140 14 180 14 180		05.08- 03.05-	113841 115311	12 1.7 12 1.7	
	[BMP]	03.05- 03.05- 08.05-	113992 114109 115370	14 140 14 180 14 110		03.05-	113841	12 1.7	
	[BMR]	08.05- 08.05-	113992 114109	14 140 14 180		AT 08.05- 08.05- 08.05- 08.05-	113509 113841 115311 115638	12 2.0 12 1.7 12 1.7 12 1.7	
	[BVD]	08.05- 08.05-	113992 114109	14 140 14 180		08.05-	113841	12 1.7	
	[BVE]	08.05- 08.05-	113992 114109	14 140 14 180		08.05-	113841	12 1.7	
	[BWW]	11.05- 11.05-	113992 114109	14 140 14 180		11.05-	113841	12 1.7	
	[CBAB]	06.08- 06.08-	113992 116038	14 140 14 180		06.08- 06.08-	115311 115638	12 1.7 12 1.7	
	[CBBB]	08.05- 08.05- 08.05-	113992 114109 115370	14 140 14 180 14 110		08.05- 08.05- 08.05-	115311 115402 115638	12 1.7 12 1.8 12 1.7	
	[CBDC]	11.08-	113992	14 140		A25 11.08-	115336	12 2.2	
	[CBAA]	03.05- 03.05- 01.08-	113992 114109 116038	14 140 14 180 14 180		03.05-	115311	12 1.7	
	[CFFA]	08.10-	113992	14 140		08.10- A25 08.10-	113841 115402	12 1.7 12 1.8	
	[CFFB]	06.08- 06.08-	113992 116038	14 140 14 180		06.08- 01.12- A25 08.10-	115638 113841 115402	12 1.7 12 1.7 12 1.8	
	[CFGB]	08.10- 08.10-	113992 116038	14 140 14 180		08.10- A25 08.10-	115638 115402	12 1.7 12 1.8	
	[CFGC]	12.12-	113992	14 140		12.12- A25 12.12- 12.12-	113841 115402 115638	12 1.7 12 1.8 12 1.7	
	[CLLA]	08.10- 08.10-	113992 116038	14 140 14 180		A25 08.10- 08.10-	115402 115638	12 1.8 12 1.7	
	[CRLB]	11.14-	115826	14 140		11.14-	116097*	12 2.0	
	[CUPA]	07.15-	115826	14 140		07.15-	115638	12 1.7	
	[DDAA]	11.14-	115826	14 140		11.14-	116097*	12 2.0	
	[DFCA]	11.14-	115826	14 140		11.14-	116097*	12 2.0	
	Passat 2.0 TDI 4 Motion	[BMP]	03.05- 03.05-	113992 114109	14 140 14 180		03.05-	113841	12 1.7
		[CBAB]	08.09- 08.09-	113992 116038	14 140 14 180		08.09- 08.09- 08.09-	115311 115402 115638	12 1.7 12 1.8 12 1.7
		[CBBB]	05.09- 05.09- 05.09-	113992 115370 116038	14 140 14 110 14 180		05.09- A25 05.09- 05.09-	115311 115402 115638	12 1.7 12 1.8 12 1.7
		[CFFB]	08.09-	113992	14 140		08.09-	115638	12 1.7
		[CFGB]	11.09- 01.12	113992	14 140		11.09- 01.12	115311	12 1.7
		[CFFB]	08.10- 08.10-	113992 116038	14 140 14 180		08.10- 08.10-	115402 115638	12 1.8 12 1.7
	Passat 2.0 TDI 4motion	[CFGB]	08.10- 08.10-	113992 116038	14 140 14 180		08.10- 08.10-	115402 115638	12 1.8 12 1.7
		[CFGB]	08.10- 08.10-	113992 116038	14 140 14 180		08.10- 08.10-	115402 115539	12 1.8 12 2.0

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

VW Continued

	[CFGC]	01.13-	113992	14 140		01.13-	115402	12 1.8
	[CRLB]	02.15-	115826	14 140		01.13-	115638	12 1.7
	[DFEA]	02.15-	115826	14 140		02.15-	116097*	12 2.0
Passat 2.0 TDi Blue	[CBAC]	05.09-	113992	14 140		02.15-	116097*	12 2.0
		05.09-	116038	14 180		05.09-	115311	12 1.7
						05.09-	115402	12 1.8
						05.09-	115638	12 1.7
Passat 2.0 TDi BlueTDi	[CBAC]	01.09-	113992	14 140		01.09-	115311	12 1.7
		01.09-	115370	14 110		A25 01.09-	115402	12 1.8
		01.09-	116038	14 180		01.09-	115638	12 1.7
Passat 2.0 TDi CC	[CBBB]	06.08-	113992	14 140		06.08-	115311	12 1.7
		06.08-	116038	14 180		06.08-	115638	12 1.7
	[CBAA]	06.08-	113992	14 140		06.08-	115311	12 1.7
		06.08-	116038	14 180				
	[CFFA]	06.08-	113992	14 140		06.08-	115638	12 1.7
		06.08-	116038	14 180				
	[CFGB]	06.08-	113992	14 140		06.08-	115638	12 1.7
		06.08-	116038	14 180				
	[CLLA]	06.08-	113992	14 140		06.08-	115638	12 1.7
		06.08-	116038	14 180				
Passat 2.1	[WE]	08.81- 07.83	111072	14 50				
		08.81- 07.83	111653	14 45				
Passat 2.2	[KV]					01.85- 03.88	111010	12 1.4
	[KX]					08.85- 03.88	111010	12 1.4
Passat 2.2 Syncro	[HY]	08.84- 07.88	110919	14 70		08.84- 07.88	111010	12 1.4
	[JT]					08.85- 03.88	111010	12 1.4
Passat 2.3 V5	[AZX]	11.00-	112399	14 90 ▲				
		11.00-	113283	14 120 ▲				
		11.00- 05.05	116017	14 90				
Passat 2.3 V5 4 Motion	[AZX]	11.00-	112399	14 90 ▲				
		11.00-	113283	14 120 ▲				
		11.00- 05.05	116017	14 90				
Passat 2.3 VR5	[AGZ]	10.96- 11.00	116017	14 90				
		09.98- 11.00	112399	14 90 ▲				
		09.98- 11.00	113283	14 120 ▲				
	[AZX]	11.00-	112399	14 90 ▲				
		11.00-	113283	14 120 ▲				
		11.00- 05.05	116017	14 90				
Passat 2.3 VR5 4 Motion	[AZX]	11.00-	112399	14 90 ▲				
		11.00-	113283	14 120 ▲				
		11.00- 05.05	116017	14 90				
Passat 2.3 VR5 Syncro 4 Motion	[AGZ]	10.97- 11.00	116017	14 90				
		09.98- 11.00	112399	14 90 ▲				
		09.98- 11.00	113283	14 120 ▲				
Passat 2.5 TDi	[AFB]					07.98- 05.05	111995	12 2.0
	[AKN]					07.98- 05.03	111995	12 2.0
	[BDG]	05.03-	113510	14 140		05.03-	111995	12 2.0
Passat 2.5 TDi 4 Motion	[AFB]	11.00-	112399	14 90		11.00- 05.05	111995	12 2.0
		11.00- 05.05	113751	14 120				
	[AKN]	11.00- 05.05	112399	14 90		11.00- 01.03	111995	12 2.0
		11.00- 05.05	113751	14 120				
	[BAU]	01.03-	113510	14 140		01.03-	111995	12 2.0
	[BDH]	01.03-	113510	14 140		01.03-	111995	12 2.0
Passat 2.5 TDi Syncro 4 Motion	[AFB]	12.98- 11.00	113758	14 120		08.98-	111995	12 2.0
	[AKN]					05.99-	111995	12 2.0
Passat 2.8	[APR]	01.99- 11.00	113751	14 120		01.99- 11.00	111769	12 1.4
	[ACK]	01.97- 11.00	112806	14 120		05.97- 11.00	111769	12 1.4
						01.97- 04.97	112309	12 1.4
	[AGE]	05.97- 09.98	112806	14 120		05.97- 09.99	111769	12 1.4
	[AHA]	01.99- 11.00	112399	14 90		01.99- 11.00	111769	12 1.4
	[ATX]	10.99- 11.00	112399	14 90		09.99- 11.00	111769	12 1.4
	[BBG]					09.99- 11.00	111769	12 1.4
Passat 2.8 4 Motion	[AMX]					11.00- 05.05	111769	12 1.4
	[ATQ]					11.00- 05.05	111769	12 1.4
	[ATX]	10.99- 11.00	112399	14 90		09.99- 11.00	111769	12 1.4
Passat 2.8 Syncro 4 Motion	[APR]	01.99- 11.00	113751	14 120		01.99-	111769	12 1.4
	[ACK]	05.97- 09.98	112806	14 120		05.97- 11.00	111769	12 1.4
						10.96- 04.97	112309	12 1.4
	[AHA]	10.96- 11.00	113751	14 120		10.96- 04.97	112309	12 1.4
		05.97- 09.98	112806	14 120		05.97- 11.00	111769	12 1.4
	[ALG]	05.97- 09.98	112806	14 120		10.96- 04.97	112309	12 1.4
		09.98- 11.00	112399	14 90		05.97- 11.00	111769	12 1.4
	[AOD]					05.97- 11.00	111769	12 1.4
						10.96- 04.97	112309	12 1.4
Passat 2.8 VR6	[AAA]	06.91- 07.92	111353	14 70		06.91- 03.97	112166	12 1.7
		12.94- 03.97	112709	14 120		AT 06.91- 03.97	112286	12 1.7
Passat 2.9 VR6 Syncro	[ABV]	11.94- 03.97	111828	14 120		01.94- 03.97	112166	12 1.7
Passat 3.2 FSi 4 Motion	[AXZ]	11.05-	113992	14 140		11.05-	113509	12 2.0
		11.05-	114109	14 180				
Passat 3.6 4 Motion	[BWS]	06.08-	114697	14 180				
Passat 3.6 R36 4motion	[BWS]	04.07-	114697	14 180		04.07-	113509	12 2.0
		04.07-	115730	14 140				
Passat Alltrack 2.0 TSi 4motion	[CHHB]					07.15-	115561	12 1.7
						07.15-	115900	12 1.1
Passat Alltrack 2.0 TDi 4 Motion	[CUPA]	07.15-	115826	14 140		07.15-	115638	12 1.7
Passat Alltrack 2.0 TDi 4motion	[CRLB]	05.15-	115826	14 140		05.15-	116097*	12 2.0
	[CUAA]	05.15-	115826	14 140				
	[DDAA]	05.15-	115826	14 140		05.15-	116097*	12 2.0
	[DFCA]	05.15-	115826	14 140		05.15-	116097*	12 2.0
	[DFEA]	05.15-	115826	14 140		05.15-	116097*	12 2.0
Passat CC 1.4 TSi MultiFuel	[CKMA]					01.11- 01.12	115612	12 1.2
		A25 01.11-	115528	14 140		01.11-	114163	12 1.1
Passat CC 2.0 TSi	[CCZB]	11.10- 01.12	114722	14 140		11.10-	113773	12 1.1
						11.10-	115900	12 1.1
Phaeton 3.0 TDi 4 Motion	[CARA]					06.07-	114094	12 2.2
Phaeton 3.0 TDi Quattro	[GEXB]					11.13-	114094	12 2.2



Phaeton 3.0 V6 TDi 4 Motion	[BMK]					09.04-	114094	12	2.2	
Phaeton 5.0 TDi	[AJS]					11.02-	115941	12	3.0	
Polo 0.8	[HE]	01.76- 05.77	110360	14	45					
Polo 0.9	[HA]	04.75- 09.81	110360	14	45					
		04.75- 09.81	110913	14	70					
Polo 1.0	[ACM]	02.92- 09.94	111288	14	65	02.92- 09.94	111058	12	0.8	
		02.92- 09.94	112763	14	55					
	[AER]	03.96-	111352	14	70	09.96- 10.99	113750	12	0.9	BO
		03.96-	111479	14	90	09.96- 10.99	114758	12	0.9	MA
		PS 03.96-	111353	14	70					
		PS 03.96-	111477	14	90					
	[AEV]	10.94- 12.99	111352	14	70					
		PS 10.94- 12.99	111353	14	70					
		PS 10.94- 12.99	111477	14	90					
	[ALD]	PS 10.99-	112273	14	70	07.98- 09.01	113750	12	0.9	BO
		AC 10.99-	112274	14	90	10.99- 09.01	114758	12	0.9	MA
	[ALL]									
		PS 05.97- 12.99	111820	14	90	05.97- 12.99	114758	12	0.9	MA
	[AUC]	PS 10.99-	112273	14	70	10.99- 09.01	113750	12	0.9	BO
		AC 10.99-	112274	14	90	10.99- 09.01	114758	12	0.9	MA
[CHYA]						01.14-	115696	12	1.1	
[CHYB]						01.14-	115696	12	1.1	
[GL]										
	10.81- 07.85	110360	14	45	08.84- 10.86	111058	12	0.8		
		10.81- 07.85	110913	14	70					
[HZ]										
	12.88- 08.90	111288	14	65	08.85- 08.90	111058	12	0.8		
		12.88- 08.90	112763	14	55					
[AAK]										
	08.89- 09.94	111288	14	65	01.85- 09.94	111058	12	0.8		
		08.89- 09.94	112763	14	55					
[AAU]										
	10.90- 09.94	111288	14	65	01.85- 09.94	111058	12	0.8		
		10.90- 09.94	112763	14	55					
Polo 1.05	[AEV]	10.94-	111352	14	70	10.94- 09.96	112307	12	1.1	
		10.94-	111479	14	90					
		PS 10.94-	111353	14	70					
		PS 10.94-	111477	14	90					
Polo 1.1	[HB]	03.75- 07.83	110360	14	45					
		08.79- 07.83	110913	14	70					
		03.75- 07.77	110360	14	45					
Polo 1.2	[AWY]	01.02-	113253	14	90	01.02-	112435	12	1.1	
						01.02-	113515	12	0.9	
	[AZO]	08.02-	113253	14	90	10.01-	112435	12	1.1	
						10.01-	113515	12	0.9	
	[BMD]	01.02-	113253	14	90	01.02-	112435	12	1.1	
						01.02-	113515	12	0.9	
[BME]	08.02-	113253	14	90	10.01-	112435	12	1.1		
					10.01-	113515	12	0.9		
Polo 1.2 TSi	[CBZB]	06.09-	115433*	14	140	06.09-	114034	12	1.0	
		06.09-	115765	14	140	06.09-	115611	12	1.1	
					06.09-	115612	12	1.2		
	[CBZC]	05.11-	115765	14	140	05.11-	114034	12	1.0	
						A25 05.11-	115401	12	2.2	
						05.11-	115337	12	2.0	
					05.11-	115612	12	1.2		
	[CJZC]					A25 02.14-	115560	12	1.7	
						DKG 02.14-	115612	12	1.2	
						02.14-	115964	12	2.0	
[CJZD]					DKG 01.14-	115612	12	1.2		
					01.14-	115964	12	2.0		
Polo 1.2 TDi	[CFWA]				A25 10.09-	115336	12	2.2		
Polo 1.3	[ZG]	12.88- 09.94	111288	14	65	12.88- 09.94	111058	12	0.8	
		12.88- 09.94	112763	14	55					
	[3F]	08.82- 07.85	110360	14	45	08.84- 09.94	111058	12	0.8	
		08.82- 07.85	110913	14	70					
		12.88- 09.94	111288	14	65					
		12.88- 09.94	112763	14	55					
	[ADX]	10.94-	111352	14	70	10.94- 07.95	112307	12	1.1	
		10.94-	111479	14	90					
		PS 10.94-	111353	14	70					
			PS 10.94-	111477	14	90				
	[GK]	09.82- 07.85	110360	14	45	08.84- 08.90	111058	12	0.8	
		09.82- 07.85	110913	14	70					
		12.88- 08.90	111288	14	65					
		12.88- 08.90	112763	14	55					
	[HH]	01.77- 07.83	110360	14	45					
		08.79- 07.83	110913	14	70					
	[HJ]	10.81- 07.82	110360	14	45					
		10.81- 07.82	110913	14	70					
	[HK]	08.83- 07.85	110360	14	45	08.84- 07.85	111058	12	0.8	
		08.83- 07.85	110913	14	70					
[HW]	08.83- 07.85	110360	14	45	08.84- 07.85	111058	12	0.8		
	08.83- 07.85	110913	14	70						
[MH]	08.83- 07.88	110360	14	45	08.84- 12.92	111058	12	0.8		
	08.83- 07.85	110913	14	70						
	12.88- 12.92	111288	14	65						
	12.88- 12.92	112763	14	55						
[NZ]	08.83- 07.85	110360	14	45	08.84- 12.92	111058	12	0.8		
	08.83- 07.85	110913	14	70						
	12.88- 12.92	111288	14	65						
	12.88- 12.92	112763	14	55						
[AAV]	01.91- 09.94	111288	14	65	01.91- 09.94	111058	12	0.8		
	01.91- 09.94	112763	14	55						
Polo 1.3 G40	[PY]	12.88- 08.90	111288	14	65	01.87- 09.94	111058	12	0.8	
Polo 1.3 Diesel	[MN]	08.86- 08.90	111154	14	65	08.86- 08.90	115540	12	1.4	
		08.86- 08.90	111288	14	65					
		08.86- 08.90	112763	14	55					

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

Polo 1.4	[AEX]	07.95- 10.99	111352	14 70	AT 07.95-	111823	12 1.1	
		07.95-	111479	14 90	07.95- 10.99	112307	12 1.1	
		07.97- 12.97	111820	14 90	07.95- 10.99	114758	12 0.9	MA
		PS 07.95- 10.99	111353	14 70	07.95- 10.99	113750	12 0.9	BO
		PS 07.95- 10.99	111477	14 90				
		AC 05.97-	111477	14 90				
	[AKK]	10.99- 09.01	111820	14 90	10.99- 09.01	112307	12 1.1	
		10.99-	112273	14 70				
		10.99- 09.01	112274	14 90				
		A20 10.99- 09.01	111477	14 90				
	[AKP]	PS 12.98- 09.01	112273	14 70	AT 12.98- 09.01	111823	12 1.1	
		AC 12.98- 09.01	112274	14 90	12.98- 09.01	112307	12 1.1	
	[AKV]	05.97-	111352	14 70	AT 07.95-	111823	12 1.1	
		05.97-	111479	14 90	07.95-	112307	12 1.1	
		12.97- 08.99	111820	14 90	05.97- 12.99	113750	12 0.9	BO
	PS 05.97-	111353	14 70	05.97- 10.99	114758	12 0.9	MA	
	PS 05.97-	111477	14 90					
	AC 05.97-	111477	14 90					
[ANW]	10.99- 08.00	111820	14 90	10.99- 08.00	114758	12 0.9	MA	
	10.99- 08.00	112274	14 90	09.98- 09.01	113750	12 0.9	BO	
	A20 10.99- 08.00	111477	14 90	10.99- 08.00	112307	12 1.1		
[ANX]	10.99- 09.01	112273	14 70	10.99- 09.01	111823	12 1.1		
	10.99- 09.01	112274	14 90	10.99- 09.01	112307	12 1.1		
[APO]	11.97- 12.99	111352	14 70	11.97- 12.99	112307	12 1.1		
	12.97- 08.99	111820	14 90	11.97- 10.99	114758	12 0.9	MA	
	PS 11.97- 12.99	111353	14 70	AT 07.95-	111823	12 0.9		
	PS 11.97- 12.99	111477	14 90	11.97- 12.99	113750	12 0.9	BO	
[AUB]				10.01- 04.02	113515	12 0.9		
	AC 10.01-	112274	14 90	10.01- 04.02	112435	12 1.1		
[AUD]	06.00- 09.01	112273	14 70	05.97- 09.01	112307	12 1.1		
	06.00- 09.01	112274	14 90	AT 10.99- 09.01	111823	12 1.1		
	05.97- 09.01	111352	14 70					
	05.97- 09.01	111820	14 90					
	PS 05.97- 09.01	111353	14 70					
	PS 05.97- 09.01	111477	14 90					
	PS 10.99- 09.01	112273	14 70					
	ACPS 10.99- 09.01	112274	14 90					
	A20 06.00- 09.01	111477	14 90					
[BBY]	07.03-	112274	14 90	07.03- 08.04	111823	12 1.1		
	07.03-	113874	14 110	07.03-	113515	12 0.9		
[BBZ]	11.03-	112274	14 90	11.03-	113515	12 0.9		
[CGGB]	06.09-	112274	14 90	06.09-	114034	12 1.0		
	06.09-	113874	14 110	DKG 06.09-	115611	12 1.1		
				06.09-	115612	12 1.2		
[AAK]	ACPS 09.98- 09.01	112274	14 90	AT 09.98- 09.01	111823	12 1.1		
Polo 1.4 16V	[AFH]	04.96-	111353	14 70	04.96-	112307	12 1.1	
		04.96-	111477	14 90				
	[AFK]	10.99-	112273	14 70	10.99-	112307	12 1.1	
		10.99-	112274	14 90				
	[AHW]	10.99-	112273	14 70	AT 10.99-	111823	12 1.1	
		10.99-	112274	14 90	10.99-	112307	12 1.1	
		10.99- 09.01	113874	14 110	10.99- 09.01	113750	12 0.9	BO
					10.99- 09.01	114758	12 0.9	MA
	[APE]	10.99-	112273	14 70	10.99- 09.01	113750	12 0.9	BO
		10.99-	112274	14 90	10.99- 09.01	114758	12 0.9	MA
		10.99- 09.01	113874	14 110	10.99-	112307	12 1.1	
	[AQQ]	10.99-	112273	14 70				
		10.99-	112274	14 90				
	[AUA]	06.00- 09.01	111820	14 90	10.99- 09.01	112307	12 1.1	
		10.99- 09.01	112273	14 70	10.99-	112435	12 1.1	
		10.99- 09.01	112274	14 90	AT 10.99-	111823	12 1.1	
		10.99- 09.01	113874	14 110	10.01-	113515	12 0.9	
					10.99- 09.01	114758	12 0.9	MA
					10.99- 09.01	113750	12 0.9	BO
	[AUB]	10.99-	112273	14 70	10.99-	112307	12 1.1	
		10.99-	112274	14 90				
	[BBY]				10.01-	112435	12 1.1	
					10.01-	113515	12 0.9	
					10.01-	111823	12 1.1	
		AC 10.01-	112274	14 90	AT 10.01-	112435	12 1.1	
	[BBZ]	AC 10.01-	112274	14 90	10.01-	112435	12 1.1	
	[BKY]				AT 10.01-	115542	12 1.1	
					10.01-	112435	12 1.1	
					10.01-	113515	12 0.9	
		AC 10.01-	112274	14 90	AT 10.01-	111823	12 1.1	
	[BUD]	05.06-	113874	14 110				
Polo 1.4 FSi	[AXU]	05.02-	114769	14 110	09.01-	113515	12 0.9	
Polo 1.4 GTI	[CAVE]	05.10-	113861	14 110	05.10-	115612	12 1.2	
		05.10-	114884	14 140				
	[CTHE]	05.10-	113861	14 110	05.10-	115612	12 1.2	
		05.10-	114884	14 140				
Polo 1.4 TSi	[CPTA]	10.12-	115660	14 70	10.12- 05.13	115337	12 2.0	
					05.13-	115964	12 2.0	
Polo 1.4 Diesel	[1W]	10.90- 09.94	111154	14 65	08.90- 09.94	115540	12 1.4	
					01.91- 09.94	111058	12 0.8	
Polo 1.4 Flexfuel	[CMAA]	03.10- 01.11	113874	14 110	03.10- 01.11	114034	12 1.0	
Polo 1.4 TDi	[AMF]	10.99-	113275	14 120	10.99-	111900	12 1.8	
					10.01-	113842	12 2.0	
					10.99- 09.01	115503	12 1.8	A49
	[BAY]	10.01-	113275	14 120	10.01-	111900	12 1.8	
					10.01-	113842	12 2.0	
					10.01- 11.04	115503	12 1.8	A49
					11.04- 03.05	115508	12 1.7	A49
	[BMS]	04.05-	112079	14 90 A47	04.05-	113842	12 2.0	
		04.05-	113275	14 120	04.05-	115508	12 1.7	A49
	[BNM]	04.05-	113275	14 120	04.05-	114062	12 1.7	



	[BNV]	04.05-	112079	14 90	A47	04.05-	113842	12 2.0	
		04.05-	113275	14 120		04.05-	115508	12 1.7	A49
	[BWB]	05.06-	113275	14 120		04.05-	114062	12 1.7	
	[CUSA]					A25 03.14-	115336	12 2.2	
	[CUSB]					A25 02.14-	115336	12 2.2	
						02.14-	115610	12 2.0	
Polo 1.6	[1F]	11.95- 09.97	111352	14 70		11.95- 09.97	111909	12 1.1	
		11.95-	111479	14 90		11.95-	111748	12 1.1	
		11.95- 09.97	111820	14 90		11.95- 09.97	115504	12 1.1	A49
	AC	11.95- 09.97	111477	14 90					
	[AEA]	10.94- 07.95	111353	14 70		10.94- 07.95	112307	12 1.1	
		10.94- 07.95	111477	14 90					
	[AEE]	07.95- 12.99	111353	14 70		AT 07.95- 12.99	111823	12 1.1	
		07.95- 12.99	111477	14 90		07.95- 12.99	112307	12 1.1	
	AC	07.95-	111477	14 90					
	[AEH]	10.99- 09.01	111820	14 90		10.99- 09.01	115504	12 1.1	A49
		10.99- 09.01	111989	14 90		05.97-	111748	12 1.1	
		10.99- 09.01	112075	14 70		10.99- 09.01	111909	12 1.1	
		10.99- 09.01	115482	14 90	A49				
	A20	10.99- 09.01	111477	14 90					
	[AFT]	12.95-	111352	14 70		12.95-	111748	12 1.1	
		12.95-	111479	14 90					
		05.97- 08.99	111820	14 90					
	AC	12.95-	111353	14 70					
	AC	12.95-	111477	14 90					
	[AHS]	03.96- 12.99	111353	14 70		AT 03.96- 12.99	111823	12 1.1	
		03.96- 12.99	111477	14 90		03.96- 12.99	112307	12 1.1	
	[AKL]	10.99- 09.01	111820	14 90		10.99- 09.01	115504	12 1.1	A49
		10.99- 09.01	111989	14 90		05.97-	111748	12 1.1	
		10.99- 09.01	112075	14 70		10.99- 09.01	111909	12 1.1	
		10.99- 09.01	115482	14 90	A49				
	A20	10.99- 09.01	111477	14 90					
	[ALM]	11.95- 09.01	112274	14 90		11.95- 09.01	112307	12 1.1	
		07.98- 09.01	111820	14 90					
	[APF]	03.00- 10.00	111820	14 90		03.00- 10.00	115504	12 1.1	A49
		03.00- 10.00	111989	14 90		05.97-	111748	12 1.1	
		03.00- 10.00	112075	14 70		03.00- 10.00	111909	12 1.1	
		03.00- 10.00	115482	14 90	A49				
	A20	03.00- 10.00	111477	14 90					
	[AUR]	07.00- 09.01	111820	14 90		12.95- 09.01	115504	12 1.1	A49
		12.95- 09.01	111989	14 90		05.97-	111748	12 1.1	
		12.95- 09.01	112075	14 70		12.95- 09.01	111909	12 1.1	
		12.95- 09.01	115482	14 90	A49				
	AC	07.00- 09.01	111989	14 90					
	A20	12.95- 09.01	111477	14 90					
	[CFNB]					AT 11.10-	113773	12 1.1	
						11.10-	114034	12 1.0	
		05.10-	114884	14 140		05.10-	114034	12 1.0	
Polo 1.6 16V	[BTS]	05.06-	114769	14 110		11.99-	112307	12 1.1	
						05.06-	113773	12 1.1	
Polo 1.6 GTi 16V	[AJV]	04.98- 12.99	111353	14 70		AT 04.98- 12.99	111823	12 1.1	
		04.98- 12.99	111477	14 90		04.98- 12.99	112307	12 1.1	
		04.98- 12.99	111820	14 90					
	[ARC]	10.99-	112273	14 70		10.99-	112307	12 1.1	
		10.99-	112274	14 90					
	[AVY]	05.00- 09.01	112273	14 70		05.00- 09.01	112307	12 1.1	
		05.00- 09.01	112274	14 90					
Polo 1.6 BiFuel	[CNKA]	01.11-	114769	14 110		01.11-	114034	12 1.0	
Polo 1.6 TDi	[CAYA]	06.09-	113992	14 140		A25 06.09-	115336	12 2.2	
		06.09-	115370	14 110					
		06.09-	115433*	14 140					
	[CAYB]	06.09-	113992	14 140		06.09-	114299	12 1.7	
		06.09-	115370	14 110		A25 06.09-	115336	12 2.2	
		06.09-	115433*	14 140		AT 06.09-	115376	12 1.8	
						06.09-	115634	12 1.8	
	[CAYC]	06.09-	113992	14 140		06.09-	114299	12 1.7	
		06.09-	115370	14 110		A25 06.09-	115336	12 2.2	
		06.09-	115433*	14 140					
	[CLNA]	06.09-	113992	14 140		06.09-	114299	12 1.7	
		06.09-	115370	14 110		06.09-	115336	12 2.2	
		06.09-	115433*	14 140					
Polo 1.6 Total Flex	[CCRA]	10.04-	112002	14 120	A47				
		10.04-	115483	14 120	A49				
Polo 1.7 SDi	[AHG]					04.97- 10.99	111904	12 1.8	
	[AKU]					08.97- 10.99	111904	12 1.8	
	[AKW]	08.97-	111828	14 120		08.97-	112286	12 1.7	
		08.97-	111884	14 90					
Polo 1.8	[ADD]	03.98- 09.01	111352	14 70		01.97- 04.98	111909	12 1.1	
		03.98- 09.01	111820	14 90		03.98- 09.01	115504	12 1.1	A49
	AC	03.98- 09.01	111477	14 90					
	[ADZ]					01.97- 09.01	111909	12 1.1	
						01.97- 09.01	115504	12 1.1	A49
Polo 1.8 GTi	[BJX]	09.05-	111884	14 90		09.05-	114163	12 1.1	
		09.05-	111989	14 90					
		09.05-	112075	14 70					
		09.05-	115482	14 90	A49				
	[DAJA]					11.14-	115612	12 1.2	
	[DAJB]					11.14-	115612	12 1.2	
Polo 1.9 Diesel	[1Y]	01.96- 04.96	111352	14 70		07.96-	111904	12 1.8	
						01.96- 10.96	112286	12 1.7	
	[AEF]	10.94- 01.96	111353	14 70	▲	10.94- 10.99	111904	12 1.8	
		10.94- 09.95	111477	14 90	▲				
		10.99- 09.01	113888	14 90					
	[AGD]					07.96- 10.99	111904	12 1.8	
Polo 1.9 SDi	[1Y]					12.95- 08.99	112286	12 1.7	





Application list

VW Continued

	[AEY]	12.95- 12.95- 12.95- 03.97- AC 12.95-	111353 111477 111828 111884 111477	14 70 14 90 14 120 14 90 14 90		12.95-	112286	12 1.7
	[AGD]	10.99- 09.01	113888	14 90		07.96- 10.99	111904	12 1.8
	[AGP]	08.99- 09.01 08.99- 09.01 08.99- 09.01 08.99- 09.01 08.99- 09.01 08.99- 09.01 08.99- 09.01	111820 112002 112079 113340 114789 114797 115483	14 90 14 120 A47 14 90 A47 14 70 14 90 A49 14 120 A46 14 120 A49		08.99- 09.01	112286	12 1.7
	[AQM]	08.99- 09.01 08.99- 09.01 08.99- 09.01 08.99- 09.01 08.99- 09.01 08.99- 09.01	111820 112002 112079 113340 114789 114797 115483	14 90 14 120 A47 14 90 A47 14 70 14 90 A49 14 120 A46 14 120 A49		08.99- 09.01	112286	12 1.7
	[ASX]					10.99- 09.01	111904	12 1.8
	[ASY]	10.01- 10.01- 10.01- 10.01- 10.01- 09.02- 11.03-	112002 112079 113340 114797 115483 115482 111989	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49 14 90 A49 14 90	Chas. 9N-5-500001- Chas. -9N-5-180000	10.01- 10.01- 04.05	114062 112438	12 1.7 12 2.0
Polo 1.9 TDI	[AFN]	06.98- 06.98- Chas. -6K-X-507839 06.98- 08.99	111884 111988 111828	14 90 14 120 14 120		06.98- 08.99 06.98-	115503 111900	12 1.8 A49 12 1.8
	[AGR]	05.97- 09.01 05.97- 09.01 05.97- 09.01 10.99- 09.01 10.99- 09.01 10.99- 09.01	112002 112079 114797 111820 113340 115483	14 120 A47 14 90 A47 14 120 A46 14 90 14 70 14 120 A49		03.97- 09.01 10.99- 09.01	111900 115503	12 1.8 12 1.8 A49
	[AHU]	07.96- 08.99 07.96- 08.99 07.96- 08.99 07.96- 08.99	111820 111828 111884 111988	14 90 14 120 14 90 14 120		07.96- 08.99 07.96- 08.99	111900 115503	12 1.8 12 1.8 A49
	[ALE]	09.96- 08.99 09.96- 08.99 03.97- 08.99 03.97- 08.99	111820 111828 111884 111988	14 90 14 120 14 90 14 120		03.97- 08.99 11.97- 08.99	111900 115503	12 1.8 12 1.8 A49
	[ALH]	05.97- 09.01 05.97- 09.01 05.97- 09.01 10.99- 09.01 10.99- 09.01 10.99- 09.01	112002 112079 114797 111820 113340 115483	14 120 A47 14 90 A47 14 120 A46 14 90 14 70 14 120 A49		03.97- 09.01 10.99- 09.01	111900 115503	12 1.8 12 1.8 A49
	[ASV]	06.98- 09.01 06.98- 09.01 06.98- 09.01 06.98- 09.01 10.99- 09.01 10.99- 09.01	112002 112079 114789 114797 113340 115483	14 120 A47 14 90 A47 14 90 A49 14 120 A46 14 70 14 120 A49		06.98- 10.99- 09.01	111900 115503	12 1.8 12 1.8 A49
	[ASZ]	11.03- 11.03- 11.03- 11.03- 11.03-	112002 112079 113340 114797 115483	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49		11.03- 11.03-	112429 113841	12 2.0 12 1.7
	[ATD]	10.01- 10.01- 10.01- 10.01- 10.01-	112002 112079 113340 114797 115483	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49		10.01- 10.01- 10.01- 04.05 04.05-	111900 113842 115503 115508	12 1.8 12 2.0 12 1.8 A49 12 1.7 A49
	[AXR]	10.01- 10.01- 10.01- 10.01- 10.01-	112002 112079 113340 114797 115483	14 120 A47 14 90 A47 14 70 14 120 A46 14 120 A49		10.01- 10.01- 10.01- 04.05 04.05-	111900 113842 115503 115508	12 1.8 12 2.0 12 1.8 A49 12 1.7 A49
	[BLT]	11.03- 11.03- 11.03- 05.04- 05.04-	112002 112079 114797 113340 115483	14 120 A47 14 90 A47 14 120 A46 14 70 14 120 A49		11.03- 11.03-	112429 113841	12 2.0 12 1.7
	[BMT]	05.06- 05.06- 05.06-	112002 113340 115483	14 120 14 70 14 120 A49		05.06- 05.06- 05.06- 05.06-	111900 113842 115503 115508	12 1.8 12 2.0 12 1.8 A49 12 1.7 A49
Polo 2.0	[ADC]	08.99- 08.99- AC 08.99-	111352 111479 111820	14 70 14 90 14 90		AT 08.99-	111748	12 1.1
	[CDLJ]	08.13-	113992	14 140		08.13-	115696	12 1.1
Polo Classic 1.3	[GT]	08.82- 07.88	110360	14 45		08.82- 07.88	111058	12 0.8
Polo Classic 1.8 Hybrid						03.98-	112236	12 1.8
Santana 1.3	[FZ]	08.80- 07.83 08.80- 07.83 08.83- 12.84	110360 110913 110919	14 45 14 70 14 70				
Santana 1.6	[DT]	08.83- 12.84	110919	14 70		08.83- 12.84	110865	12 0.95
	[WV]	08.81- 07.83	111653	14 45				
	[YP]	08.81- 12.82 08.81- 12.82	111139 111653	14 75 14 45				
Santana 1.6 Diesel	[CR]	08.81- 07.85 08.85-	111653 111094	14 45 14 65				

## STARTERS & ALTERNATORS



Santana 1.6 TD	[CY]	08.81- 07.85	111653	14	45			
		08.85-	111094	14	65			
Santana 1.8	[DS]	01.83- 12.84	110919	14	70	01.83- 12.84	110865	12 0.95
		01.83- 12.84	111139	14	75			
						01.95-	110865	12 0.95
Santana 1.8 i	[AFE]					01.95-	110865	12 0.95
Santana 1.9	[WN]	08.81- 07.83	111139	14	75	08.81- 07.83	111010	12 1.4
		08.81- 07.83	111653	14	45			
		06.82- 12.84	110919	14	70			
		AC 08.81- 07.83	111139	14	75			
Santana 2.0	[HP]	08.83- 12.84	110919	14	70	08.83- 12.84	111010	12 1.4
	[JS]					08.83- 12.84	111010	12 1.4
Santana 2.1	[WE]	08.82- 12.83	111653	14	45	08.82- 12.83	111010	12 1.4
Scirocco 1.3	[GF]	08.79- 12.83	110360	14	45			
		08.79- 12.83	110913	14	70			
Scirocco 1.4 TSi	[CAVD]	09.08-	114884	14	140	09.08-	114163	12 1.1
						09.08-	115611	12 1.1
					09.08-	115612	12 1.2	
	[CAXA]	09.08-	114884	14	140	09.08-	114163	12 1.1
		09.08-	115528	14	140	09.08-	115338	12 2.0
					09.08-	115612	12 1.2	
	[CMSB]	09.08-	114884	14	140	09.08-	114163	12 1.1
		09.08-	115528	14	140	09.08-	115338	12 2.0
					09.08-	115612	12 1.2	
	[CNWA]	09.08-	114884	14	140	09.08-	114163	12 1.1
						09.08-	115611	12 1.1
					09.08-	115612	12 1.2	
	[CTHD]	09.08-	114884	14	140	09.08-	114163	12 1.1
						DSG 09.08-	115611	12 1.1
				09.08-	115612	12 1.2		
[CTKA]	09.08-	114884	14	140	09.08-	114163	12 1.1	
					09.08-	115611	12 1.1	
				09.08-	115612	12 1.2		
[CZDA]					07.15-	115561	12 1.7	
Scirocco 1.5	[JB]	02.80- 12.83	111653	14	45	AT 08.77- 12.83	110864	12 0.7
Scirocco 1.6	[FR]	02.80- 07.83	111653	14	45	AT 08.75- 12.83	110864	12 0.7
		06.83- 12.83	110919	14	70	08.84- 07.92	111059	12 0.9
	[EG]	02.80- 07.82	111653	14	45			
		08.80- 03.81	111139	14	75			
	AC 03.81- 07.82	111139	14	75				
	[EW]	01.83- 05.83	111653	14	45	08.84- 07.92	111059	12 0.9
		06.83- 07.85	110919	14	70	AT 01.83- 07.92	110864	12 0.7
					08.84- 07.92	112149	14 65	
	[EWA]	01.83- 05.83	111653	14	45	AT 01.83- 07.87	110864	12 0.7
		06.83- 07.85	110919	14	70			
	[FN]					08.75- 07.79	111059	12 0.9
	[FP]					AT 08.75- 07.77	110864	12 0.7
	[FT]					AT 08.75- 07.77	110864	12 0.7
	[RE]					04.86- 07.90	111059	12 0.9
Scirocco 1.8	[DX]	08.82- 12.82	111139	14	75	08.83- 07.92	111059	12 0.9
		08.82- 05.83	111653	14	45			
		06.83- 07.85	110919	14	70			
		08.84- 07.92	112149	14	65			
	[EV]	08.82- 12.82	111139	14	75	08.83- 07.92	111059	12 0.9
		08.82- 05.83	111653	14	45			
		06.83- 07.85	110919	14	70			
		08.84- 07.92	112149	14	65			
	[EX]	08.83- 07.85	110919	14	70	08.83- 07.92	111059	12 0.9
		08.84- 07.92	112149	14	65			
	[JH]	05.83- 07.85	110919	14	70	AT 05.83- 07.92	110864	12 0.7
		08.84- 07.92	112149	14	65	08.83- 07.92	111059	12 0.9
	[PB]	08.82- 12.82	111139	14	75	08.83- 07.92	111059	12 0.9
		08.82- 05.83	111653	14	45			
					06.83- 07.85	110919	14 70	
					08.84- 07.92	112149	14 65	
Scirocco 1.8 16V	[KR]					10.85- 07.89	111059	12 0.9
	[PL]					02.86- 07.92	111059	12 0.9
Scirocco 2.0 R	[CDLA]	11.09-	113992	14	140	AT 11.09-	115333	12 1.0
						11.09-	115638	12 1.7
[CDLK]	05.14-	113992	14	140	05.14-	113773	12 1.1	
					05.14-	115638	12 1.7	
Scirocco 2.0 TSi	[CAWB]					AT 09.08-	115333	12 1.0
	[CCZB]	11.09-	114722	14	140	11.09-	113773	12 1.1
						AT 11.09-	115333	12 1.0
					11.09-	115900	12 1.1	
	[CDLC]	11.09-	113992	14	140	11.09-	113773	12 1.1
						DKG 11.09-	115333	12 1.0
					11.09-	115638	12 1.7	
	[CULA]	11.13-	113992	14	140	A25 11.13-	115561	12 1.7
	[CULC]	11.13-	113992	14	140	DKG 11.13-	115561	12 1.7
	Scirocco 2.0 TDi	[CBBB]	05.09-	113992	14	140	05.09-	115311
05.09-			115433*	14	140	05.09-	115638	12 1.7
[CBDB]		09.08-	113992	14	140	09.08-	115311	12 1.7
		09.08-	115433*	14	140	09.08-	115638	12 1.7
[CFGB]		05.09-	113992	14	140	05.09-	115638	12 1.7
		05.09-	115433*	14	140			
[CFGC]		01.13-	113992	14	140	01.13-	113841	12 1.7
		01.13-	115433*	14	140	01.13-	115638	12 1.7
[CFHB]		11.10-	113992	14	140	11.10-	113841	12 1.7
		11.10-	114697	14	180	A25 11.10-	115402	12 1.8
					11.10-	115433*	14 140	
					11.10-	115638	12 1.7	
[CFHC]		09.08-	113992	14	140	09.08-	115638	12 1.7
						09.08-	115433*	14 140
[CUUB]	11.13-	113992	14	140	11.13-	115402	12 1.8	
[CUWA]					05.14-	115402	12 1.8	
[CUXA]					05.14-	115402	12 1.8	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

Sharan 1.4 TSi	[CAVA]	07.10-	115528	14 140		07.10-	115964	12 2.0
	[CNWB]	07.10-	115528	14 140		07.10-	115964	12 2.0
	[CTHA]	07.10-	115528	14 140		07.10-	115964	12 2.0
	[CZDA]					DKG 05.15-	115561	12 1.7
Sharan 1.8 Turbo 20V	[AJH]	09.97-	111353	14 70		AT 09.97- 05.98	111748	12 1.1
		09.97-	111477	14 90		09.97- 05.98	111749	12 1.1
		09.97-	112002	14 120 A47		AT 05.98-	111909	12 1.1
		09.97-	112079	14 90 A47		05.98-	112005	12 1.1
		09.97-	114789	14 90 A49		05.98- 02.00	115504	12 1.1 A49
		09.97-	114797	14 120 A46				
		10.98- 02.00	115483	14 120 A49				
	[AWC]	05.00-	115483	14 120 A49		09.97-	112005	12 1.1
		09.97-	112002	14 120 A47		09.97-	114174	12 1.1
		09.97-	113992	14 140				
	09.97-	114797	14 120 A46					
Sharan 1.9 TDi	[1Z]	09.95- 07.96	111477	14 90		09.95- 07.96	111900	12 1.8
		09.95- 07.96	111988	14 120		09.95- 07.96	115503	12 1.8 A49
	[AFN]	09.96- 11.96	111477	14 90		09.96-	111900	12 1.8
		09.96- 09.98	111828	14 120	AT, Chas. 7MT00801-	09.96-	112286	12 1.7
		12.96- 09.98	111884	14 90		09.96- 04.00	115503	12 1.8 A49
	[AHU]	09.95-	112002	14 120 A47		07.96- 02.00	115503	12 1.8 A49
		09.95-	112079	14 90 A47		07.96-	111900	12 1.8
		09.95-	114789	14 90 A49				
		09.95-	114797	14 120 A46				
		07.96-	111477	14 90				
		05.99- 02.00	115483	14 120 A49				
	[ANU]	04.00-	115483	14 120 A49		03.99- 02.00	112429	12 2.0
		09.95-	112002	14 120				
		09.95-	112079	14 90 A47				
		09.95-	113992	14 140				
		09.95-	114789	14 90 A49				
		09.95-	114797	14 120 A46				
	[ASZ]	11.02-	112002	14 120 A47		11.02- 05.05	112429	12 2.0
		11.02-	112079	14 90 A47				
		11.02-	114789	14 90 A49				
		11.02-	114797	14 120 A46				
		11.02- 05.05	115483	14 120 A49				
	[AUY]	04.00-	112002	14 120 A47		04.00-	112429	12 2.0
	04.00-	112079	14 90 A47					
	04.00-	114789	14 90 A49					
	04.00-	114797	14 120 A46					
	04.00-	115483	14 120 A49					
[AVG]	08.99- 04.00	111884	14 90		08.99- 04.00	111900	12 1.8	
					08.99- 04.00	112005	12 1.1	
					08.99- 04.00	115503	12 1.8 A49	
[BTB]	05.05-	115483	14 120 A49		05.05-	112429	12 2.0	
	06.05-	112002	14 120 A47					
	06.05-	113992	14 140					
[BVK]	11.05-	112002	14 120 A47		11.05-	112429	12 2.0	
	11.05-	113992	14 140					
	11.05-	115483	14 120 A49					
Sharan 1.9 TDi 4 Motion	[AUY]	04.00-	112002	14 120 A47		04.00-	112429	12 2.0
		04.00-	112079	14 90 A47				
		04.00-	114789	14 90 A49				
		04.00-	114797	14 120 A46				
		04.00-	115483	14 120 A49				
	AC	04.00-	112002	14 120				
	[BVK]	04.00-	112002	14 120 A47		04.00-	112429	12 2.0
	04.00-	112079	14 90 A47					
	04.00-	113992	14 140					
	04.00-	114789	14 90 A49					
	04.00-	115483	14 120 A49					
Sharan 2.0	[ADY]	09.95- 09.98	111479	14 90		09.95- 05.98	111749	12 1.1
						AT 05.98-	111909	12 1.1
						05.98-	112005	12 1.1
						05.98- 02.00	115504	12 1.1 A49
	AC	09.95- 09.98	111477	14 90		AT 09.95- 05.98	111748	12 1.1
[ATM]	05.00-	112002	14 120 A47		AT 05.00-	111909	12 1.1	
	05.00-	114797	14 120 A46		05.00-	114174	12 1.1	
	05.00-	115483	14 120 A49		05.00-	115504	12 1.1 A49	
Sharan 2.0 TSi	[CCZA]	12.10-	114722	14 140		12.10-	115900	12 1.1
	[DEDA]					05.15-	115561	12 1.7
Sharan 2.0 LPG	[ATM]	05.08-	112002	14 120 A47		05.08-	111909	12 1.1
		05.08-	113992	14 140		6SP 05.08-	114174	12 1.1
		05.08-	115483	14 120 A49		05.08-	115504	12 1.1 A49
Sharan 2.0 TDi	[BRT]	11.05-	112002	14 120 A47		11.05-	112429	12 2.0
		11.05-	113992	14 140				
		11.05-	115483	14 120 A49				
	[BVH]	11.05- 03.10	112002	14 120 A47		11.05- 03.10	112429	12 2.0
		11.05- 03.10	113992	14 140				
		11.05- 03.10	114797	14 120 A46				
		11.05- 03.10	115483	14 120 A49				
	[CFFA]	05.10-	114831	14 180		05.10-	115402	12 1.8
		05.10-	115433*	14 140				
		05.10-	115712	14 180				
	[CFFB]	07.10-	115433*	14 140		07.10-	115402	12 1.8
		07.10-	115712	14 180				
	[CFFE]	05.11-	114831	14 180		05.11-	115402	12 1.8
		05.11-	115433*	14 140				
	[CFGB]	08.10-	114831	14 180		08.10-	115402	12 1.8
		08.10-	115433*	14 140				
		08.10-	115712	14 180				
[CFGJ]	01.13-	115433*	14 140		01.13-	115402	12 1.8	
[CUVC]	05.15-	115826	14 140		05.15-	115402	12 1.8	
[CUWA]	05.15-	115826	14 140		05.15-	115402	12 1.8	
					05.15-	115539	12 2.0	



Sharan 2.0 TDi 4 Motion	[DFMA]	05.16-	115826	14 140		05.16-	115539	12 2.0	
Sharan 2.0 TDi 4motion	[CFFA]	05.11- 05.12	114831	14 180		05.11- 05.12	115402	12 1.8	
		05.11- 05.12	115433*	14 140					
		05.11- 05.12	115712	14 180					
	[CFFB]	05.11-	115433*	14 140		05.11-	115402	12 1.8	
	[CUVC]	05.11-	115712	14 180					
Sharan 2.8 V6 24V	[AYL]	05.15-	115826	14 140		05.15-	115402	12 1.8	
		04.00-	112002	14 120 A47		04.00-	112429	12 2.0	
		04.00-	113884	14 150					
		04.00-	113885	14 150					
		04.00-	114797	14 120 A46					
Sharan 2.8 V6 24V VR6 Syncro	[AYL]	04.00-	115483	14 120 A49					
		04.00-	112002	14 120 A47		04.00-	112429	12 2.0	
		04.00-	113884	14 150					
		04.00-	113885	14 150					
		04.00-	114797	14 120 A46					
Sharan 2.8 VR6	[AMY]	04.00-	115483	14 120 A49					
		04.00-	112002	14 120 A47		04.00-	112429	12 2.0	
	[AAA]	09.95- 04.99	112709	14 120		04.98-	112286	12 1.7	
		04.98- 02.00	113885	14 150					
Sharan 2.8 VR6 Syncro	[AMY]	09.95- 09.98	111828	14 120		09.95-	112166	12 1.7	
		09.95- 04.99	112709	14 120		AT 09.95-	112286	12 1.7	
	[AAA]	09.95- 02.00	113885	14 150					
		11.96- 04.00	112709	14 120		04.98-	112286	12 1.7	
Taro 1.8	[2Y]	04.98- 02.00	113885	14 150					
		07.96- 09.98	111828	14 120		07.96-	112166	12 1.7	
	[4Y]	07.96- 02.00	113885	14 150		AT 07.96-	112286	12 1.7	
		04.89- 01.91	110248	14 40		04.89- 12.93	110397	12 1.0	
Taro 2.2	[4Y]	06.89- 01.91	110248	14 40		04.89- 12.93	110397	12 1.0	
Taro 2.4	[22R]	04.89-	111483	14 55		06.89- 12.93	110260	12 1.0	
		06.89- 10.92	113077	14 70		06.89- 12.93	110411	12 1.4	
Taro 2.4 Diesel	[2L]	01.94-	113108	12 1.4					
		04.89- 03.97	111483	14 55		04.89- 02.97	110708	12 2.7	
		09.91- 03.97	114203	14 60		04.89- 03.97	111387	12 2.0	
		04.89-	111483	14 55		04.89- 03.97	111387	12 2.0	
Taro 2.4 Diesel 4x4	[2L]	04.89- 03.97	114203	14 60		04.89- 02.97	110708	12 2.7	
		04.89- 03.97	114203	14 60		04.89- 02.97	110708	12 2.0	
Tiguan 1.4 TSi	[BWK]	09.07-	114884	14 140		09.07-	115964	12 2.0	
		09.07-	115528	14 140		09.07-	113773	12 1.1	
	[CAVA]	09.07-	114884	14 140		09.07-	115964	12 2.0	
		09.07-	115528	14 140		09.07-	113773	12 1.1	
	[CAVD]	05.11-	115528	14 140		05.11-	113773	12 1.1	
		05.11-	115528	14 140		05.11-	115964	12 2.0	
	[CAXA]	08.10-	115528	14 140		08.10-	115964	12 2.0	
	[CTHA]	09.07-	114884	14 140		09.07-	113773	12 1.1	
	[CTHD]	09.07-	115528	14 140		09.07-	115964	12 2.0	
		05.11-	115528	14 140		05.11-	113773	12 1.1	
	Tiguan 1.4 TSi 4 Motion	[CZDA]	05.11-	115528	14 140		05.11-	115964	12 2.0
			05.15-	115560	12 1.7				
05.15-			115561	12 1.7					
05.16-			115561	12 1.7					
Tiguan 1.4 TSi 4motion	[CZEA]	05.16-	115561	12 1.7		05.16-	115900	12 1.1	
		05.16-	115900	12 1.1		05.16-	115900	12 1.1	
		05.11-	115528	14 140		05.11-	113773	12 1.1	
		05.11-	115528	14 140		05.11-	115964	12 2.0	
Tiguan 2.0 TFSi	[CAWA]	05.11-	115528	14 140		05.11-	113773	12 1.1	
		05.11-	115528	14 140		05.11-	115964	12 2.0	
	[CAWB]	09.07-	114722	14 140		09.07-	113773	12 1.1	
		09.07-	114722	14 140		09.07-	115900	12 1.1	
	[CCTA]	11.09-	114722	14 140		11.09-	113773	12 1.1	
	[CCZA]	09.07-	114722	14 140		11.09-	115900	12 1.1	
[CCZC]	09.07-	114722	14 140		09.07-	113773	12 1.1		
Tiguan 2.0 TSi 4 Motion	[CZPA]	09.07-	114722	14 140		09.07-	115900	12 1.1	
		09.07-	114722	14 140		09.07-	115900	12 1.1	
		01.16-	114722	14 140		01.16-	115561	12 1.7	
		01.16-	114722	14 140		01.16-	115900	12 1.1	
Tiguan 2.0 TSi 4motion	[CCZB]	05.11-	114722	14 140		05.11-	113773	12 1.1	
		05.11-	114722	14 140		05.11-	115900	12 1.1	
Tiguan 2.0 TDi	[CBAB]	05.11-	114722	14 140		05.11-	113773	12 1.1	
		05.11-	114722	14 140		05.11-	115900	12 1.1	
	[CBBB]	09.07-	113992	14 140		09.07-	113841	12 1.7	
		09.07-	115433*	14 140		09.07-	115638	12 1.7	
	[CBAA]	09.07-	113992	14 140		09.07-	113841	12 1.7	
		09.07-	115433*	14 140		09.07-	115638	12 1.7	
	[CFFA]	11.07-	113992	14 140		11.07-	113841	12 1.7	
	[CFFB]	11.07-	115433*	14 140		11.07-	115638	12 1.7	
		11.07-	115433*	14 140		11.07-	115638	12 1.7	
	[CFFD]	09.07-	113992	14 140		09.07-	115638	12 1.7	
	[CFFB]	09.07-	113992	14 140		09.07-	115638	12 1.7	
		09.07-	115433*	14 140		11.08-	113841	12 1.7	
	[CFFD]	05.10-	113992	14 140		A25 05.10-	115402	12 1.8	
	[CFFD]	05.10-	115433*	14 140					
		05.10-	115433*	14 140					
	[CFGB]	09.07-	113992	14 140		09.07-	113841	12 1.7	
	[CLJA]	09.07-	115433*	14 140		09.07-	115638	12 1.7	
		09.07-	115433*	14 140		09.07-	115638	12 1.7	
[CUVC]	09.07-	113992	14 140		09.07-	115638	12 1.7		
[DFGA]	09.07-	115433*	14 140						
[DFGC]	05.15-	115826	14 140		05.15-	115402	12 1.8		
Tiguan 2.0 TDi 4 Motion	[CFGC]	05.15-	115826	14 140		05.15-	115402	12 1.8	
		11.12-	113992	14 140		01.16-	115402	12 1.8	
		11.12-	115433*	14 140		05.16-	115402	12 1.8	
		11.12-	115433*	14 140		11.12-	115638	12 1.7	
[CUAA]	05.16-	115826	14 140						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

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	[DFGA]				01.16-	115402	12	1.8
	[DFHA]				01.16-	116097*	12	2.0
					04.16-	115638	12	1.7
Tiguan 2.0 TDi 4motion	[CBBA]	02.08- 08.09	113992	14 140	02.08- 08.09	113841	12	1.7
		02.08- 08.09	115433*	14 140				
	[CUVC]	05.15-	115826	14 140	05.15-	115402	12	1.8
	[CUWA]	05.15-	115826	14 140	05.15-	115402	12	1.8
Touareg 2.5 TDi	[BAC]	01.03-	113947	14 180	01.03-	114723	12	2.2
	[BPE]	01.06-	113947	14 180				
Touareg 2.5 TDi R5	[BLK]	08.03-	113947	14 180	08.03-	114723	12	2.2
	[BPD]	08.03-	113947	14 180	08.03-	114723	12	2.2
Touareg 3.0 TDi	[BKS]	11.04-	114408	14 180	11.04-	114775	12	2.2
					11.04-	115502	12	2.2 A49
	[BUN]	12.06-	114408	14 180	12.06-	114690	12	2.0
					12.06-	114775	12	2.2
					12.06-	115502	12	2.2 A49
	[CASB]	12.06-	114408	14 180	12.06-	114690	12	2.0
	[CASD]				01.10-	116000	12	2.0
	[CATA]	11.04-	114408	14 180	11.04-	114690	12	2.0
					11.04-	114775	12	2.2
					11.04-	115502	12	2.2 A49
	[CJGD]				05.11-	114775	12	2.2
					05.11-	115502	12	2.2 A49
					05.11-	116000	12	2.0
	[CJMA]				01.10-	116000	12	2.0
	[CRCA]				05.11-	114775	12	2.2
					05.11-	115502	12	2.2 A49
					05.11-	116000	12	2.0
	[CVWA]				01.10-	116000	12	2.0
Touareg 3.0 V6 TDi	[CASA]	11.07-	114408	14 180	11.07-	114775	12	2.2
					04.10-	116000	12	2.0
					11.07-	115502	12	2.2 A49
	[CASC]	11.07-	114408	14 180	11.07-	114775	12	2.2
					11.07-	115502	12	2.2 A49
	[CNRB]				04.10-	116000	12	2.0
	[CVVA]				09.14-	114775	12	2.2
					09.14-	115502	12	2.2 A49
					09.14-	116000	12	2.0
Touareg 3.2 V6	[AZZ]				10.02-	116039	12	1.7
	[BKJ]				10.02-	116039	12	1.7
	[BMV]				10.02-	116039	12	1.7
	[BMX]				10.02-	116039	12	1.7
	[BRJ]				10.02-	116039	12	1.7
Touareg 3.6 FSi V6	[BHK]				03.06-	116039	12	1.7
	[BHL]				03.06-	116039	12	1.7
Touareg 4.2 V8	[AXO]	12.02-	113884	14 150	12.02-	115744	12	1.7
	[BHX]	12.02-	113884	14 150	12.02-	115744	12	1.7
Touareg 5.0 TDi	[AYH]				10.02-	115744	12	1.7
					10.02-	115941	12	3.0
	[BLE]				10.02-	115744	12	1.7
					10.02-	115941	12	3.0
	[BWF]				10.02-	115744	12	1.7
					10.02-	115941	12	3.0
Touareg 5.0 TDi R50	[CBWA]				11.07-	115941	12	3.0
Touran 1.2 TSi	[CBZB]				06.06- 08.08	114175	12	1.1
					05.10-	115645	12	2.0
Touran 1.4 FSi	[BLG]	12.06-	114769	14 110	12.06-	114163	12	1.1
					AT 12.06-	115333	12	1.0
	[CAVB]				12.06-	115611	12	1.1
Touran 1.4 TSi	[BMY]				AT 02.06-	115333	12	1.0
					02.06-	114163	12	1.1
	[CAVB]	05.10-	115528	14 140	05.10-	115612	12	1.2
	[CAVC]	05.10-	114884	14 140	11.08-	114163	12	1.1
		05.10-	115528	14 140	A24 02.06-	115611	12	1.1
					05.10-	115612	12	1.2
	[CTHB]	05.10-	115528	14 140	05.10-	115612	12	1.2
	[CTHC]	05.10-	114884	14 140	05.10-	115612	12	1.2
		05.10-	115528	14 140				
	[CZDA]				09.15-	115612	12	1.2
					09.15-	115818	12	1.1
Touran 1.4 TSi EcoFuel	[CDGA]				AT 05.09-	115611	12	1.1
					05.09-	114163	12	1.1
Touran 1.4 TSi EcoFuel	[CDGA]	05.10-	115528	14 140	05.10-	115612	12	1.2
Touran 1.6	[BGU]	07.03-	113992	14 140	07.03-	113773	12	1.1
					07.03-	114175	12	1.1
	[BSE]	07.03-	113992	14 140	07.03-	113773	12	1.1
					07.03-	114175	12	1.1
	[BSF]	07.03-	113992	14 140	07.03-	113773	12	1.1
					07.03-	114175	12	1.1
Touran 1.6 FSi	[BAG]	02.03-	114769	14 110	02.03-	113773	12	1.1
					02.03-	114175	12	1.1
	[BLF]	02.03-	114769	14 110	02.03-	113773	12	1.1
					02.03-	114175	12	1.1
	[BLP]	02.03-	114769	14 110	02.03-	113773	12	1.1
					02.03-	114175	12	1.1
Touran 1.6 TDi	[CAYB]	05.10-	115433*	14 140	05.10-	114299	12	1.7
					A25 05.10-	115336	12	2.2
	[CAYC]	05.10-	115433*	14 140	A25 04.10-	115336	12	2.2
					05.10-	114299	12	1.7
					05.10-	115610	12	2.0
					05.10-	115634	12	1.8
	[CRKB]	09.15-	115826	14 140	09.15-	115336	12	2.2
					09.15-	115610	12	2.0
Touran 1.8 TSi	[CJSA]				11.15-	115561	12	1.7





Touran 1.9 TDi	[AVO]	02.03-	113992	14 140	AT	02.03- 02.03- 02.03-	113509 113842 115508	12 2.0 12 2.0 12 1.7 A49	
	[BKC]	08.03-	113992	14 140	AT	08.03-	113509	12 2.0	
		08.03-	115370	14 110		08.03- 08.03- 02.06	113842 115508	12 2.0 12 1.7 A49	
	[BLS]	11.06- 05.10	113992	14 140	AT	08.03-	113509	12 2.0	
		11.06- 05.10	115370	14 110		08.03- DKG 11.06- 05.10 08.03- 02.06	113842 115376 115508	12 2.0 12 1.8 12 1.7 A49	
	[BRU]	11.04- 06.06	113992	14 140		11.04- 06.05- 06.06	113842 115508	12 2.0 12 1.7 A49	
	[BXE]	02.06- 02.06-	113992 115370	14 140 14 110		02.06- 08.03- 02.06	113842 115508	12 2.0 12 1.7 A49	
	[BXF]	11.04- 05.10	113992	14 140		11.04- 05.10	113842	12 2.0	
		11.04- 05.10	115370	14 110		11.04- 05.10	115508	12 1.7 A49	
	[BXJ]	06.06- 06.06-	113992 115370	14 140 14 110		11.04- 05.10 06.06-	113842 115508	12 2.0 12 1.7 A49	
Touran 2.0 FSi		[AXW]	10.03-	113992	14 140	AT	10.03- 10.03- 10.03- 10.03-	111909 113773 114163 115504	12 1.1 12 1.1 12 1.1 12 1.1 A49
[BJZ]	10.04- 10.04-	112002 113992	14 120 A47 14 140		10.04-	114163	12 1.1		
	10.04-	115483	14 120 A49						
[BLR]	10.03-	113992	14 140	AT	10.03- 10.03- 02.05- 10.03-	111909 113773 114163 115504	12 1.1 12 1.1 12 1.1 12 1.1 A49		
[BLX]	10.03-	113992	14 140	AT	10.03- 10.03- 10.03-	111909 113773 114163	12 1.1 12 1.1 12 1.1		
[BLY]	10.03-	113992	14 140	AT	10.03- 10.03- 10.03- 11.05 10.03-	111909 113773 114163 115504	12 1.1 12 1.1 12 1.1 12 1.1 A49		
[BVY]	10.03-	113992	14 140		10.03- 10.03- 10.03-	111909 114163 115504	12 1.1 12 1.1 12 1.1 A49		
[BVZ]	10.03-	113992	14 140		10.03- 10.03- 10.03- 10.03-	111909 113773 114163 115504	12 1.1 12 1.1 12 1.1 12 1.1 A49		
Touran 2.0 TSi	[CJKB]	04.15-	115922	14 140		04.15-	115696	12 1.1	
Touran 2.0 TDi 16V	[BKD]	08.03-	113992	14 140	AT	08.03-	113509	12 2.0	
		08.03-	115370	14 110		08.03-	113841	12 1.7	
Touran 2.0 TDi	[AZV]	02.03-	113992	14 140	AT	02.03- 02.03-	113509 113841	12 2.0 12 1.7	
	[BMM]	12.05-	113992	14 140		12.05-	113841	12 1.7	
		12.05-	115370	14 110					
	[BMN]	12.05-	113992	14 140		12.05-	113841	12 1.7	
		12.05-	115370	14 110					
	[CFHC]	05.10-	115433*	14 140		05.10- 05.10- 05.10- 05.10-	113841 115311 115402 115638	12 1.7 12 1.7 12 1.8 12 1.7	
	[CFHF]	05.10-	115433*	14 140		05.10-	115638	12 1.7	
		12.05- 05.10	113992	14 140		05.10-	115638	12 1.7	
	[CFJA]	12.05- 05.10	115370	14 110		12.05- 05.10	113841	12 1.7	
		05.10-	115433*	14 140		05.10-	115311	12 1.7	
	[CFJB]	01.13-	115433*	14 140		01.13- 01.13-	115539 115638	12 2.0 12 1.7	
	[CLCA]	05.10-	115433*	14 140		05.10- 05.10-	115402 115638	12 1.8 12 1.7	
	[CRVA]	11.15-	115826	14 140		11.15-	115561	12 1.7	
	[CYKB]	11.15-	115826	14 140		11.15-	115561	12 1.7	
	[DFEA]	09.15-	115826	14 140		09.15-	115402	12 1.8	
	[DFHA]	11.15-	115826	14 140		11.15- DKG 11.15-	114854 115539	12 2.5 12 2.0	
					Touran 2.0 EcoFuel	[BSX]	02.06-	113992	14 140
	Transporter 1.5 T1						07.66- 07.67	110363	12 0.7
	Transporter 1.6 T1	[B]					08.64- 12.68	110363	12 0.7
	Transporter 1.6 T2	[AD]	08.74- 04.79	111096	14 51		08.70- 07.75 07.75- 04.79	110363 110858	12 0.7 12 0.7
[AE]		08.70- 04.79	111096	14 51					
[AF]		08.74- 04.79	111096	14 51		08.70- 07.75 08.75- 04.79	110363 110858	12 0.7 12 0.7	
[AH]		08.74- 04.79	111096	14 51		08.70- 07.75 08.75- 04.79	110363 110858	12 0.7 12 0.7	
[AS]		08.74- 07.79	111096	14 51		08.70- 07.75 07.75- 07.79	110363 110858	12 0.7 12 0.7	
Transporter 1.6 T3		[CT]					05.79- 12.80 01.81- 12.82	110858 111061	12 0.7 12 0.8
Transporter 1.6 Diesel T3		[CS]	01.81- 06.81 01.81- 12.85 01.81- 07.87 08.85- 07.87 12.85- 07.87 WTA 08.85- 07.87 A20 08.85- 07.87	110360 110913 112729 112765 111287 112729 111287	14 45 14 70 14 90 14 90 ▲ 14 70 14 90 14 70		01.85- 07.87	111069	12 1.7
Transporter 1.6 TD T3	[JX]	08.84- 07.85	112729	14 90		01.85- 07.92	111069	12 1.7	
		08.85- 07.92	112765	14 90	▲				
		12.85- 07.92	111287	14 70					
		WTA 08.85- 07.92	112729	14 90					
		A20 08.85- 07.92	111287	14 70					

## STARTERS & ALTERNATORS

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Transporter 1.6 TD T3 Syncro	[JX]	03.86- 07.92	111287	14 70	03.86- 07.92	111069	12 1.7				
		03.86- 07.92	112765	14 90 ▲							
		WTA 03.86- 07.92	112729	14 90							
		A20 03.86- 07.92	111287	14 70							
Transporter 1.7 T2	[CA]				08.71- 07.73	110363	12 0.7				
	[CB]				08.71- 08.73	110858	12 0.7				
Transporter 1.7 Diesel T3	[KY]	10.86- 07.92	111287	14 70	10.86- 07.92	111069	12 1.7				
		10.86- 07.92	112765	14 90 ▲							
		WTA 10.86- 07.92	112729	14 90							
		A20 10.86- 07.92	111287	14 70							
Transporter 1.8 T2	[AP]				08.73- 07.75	110363	12 0.7				
Transporter 1.8 T4	[PD]				12.90- 07.92	112306	12 1.1				
Transporter 1.9 T3	[DF]	08.82- 07.85	111653	14 45	08.82- 11.86	111061	12 0.8				
					08.82- 07.92	113847	12 0.95				
					09.82- 11.86	111061	12 0.8				
					08.82- 07.92	113847	12 0.95				
					01.83- 07.85	111061	12 0.8				
Transporter 1.9 T3 Syncro	[DG]	08.83- 02.89	111653	14 45	08.83- 02.89	111061	12 0.8				
		11.84- 07.85	111653	14 45	02.85- 11.86	111061	12 0.8				
Transporter 1.9 Diesel T4	[1X]	09.90- 07.92	111154	14 65	09.90- 11.94	112167	12 1.8				
		09.90- 07.92	112799	14 100							
		08.92- 04.97	111352	14 70							
		08.92- 04.97	111479	14 90							
Transporter 1.9 TD T4	[ABL]	10.92-	111352	14 70	10.92- 11.94	112167	12 1.8				
		10.92-	111479	14 90							
		01.99-	113406	14 90							
		AC 10.92-	111477	14 90							
		A20 10.92-	111477	14 90							
Transporter 1.9 TDI T5	[AXB]	04.03-	112002	14 120 A47	04.03-	113842	12 2.0				
		04.03-	112079	14 90 A47							
		04.03-	113992	14 140							
		04.03-	114789	14 90 A49							
		04.03-	114797	14 120 A46							
		04.03-	115483	14 120 A49							
	[AXC]	04.03-	112002	14 120 A47	04.03-	113842	12 2.0				
		04.03-	112079	14 90 A47							
		04.03-	113992	14 140							
		04.03-	114789	14 90 A49							
		04.03-	114797	14 120 A46							
		04.03-	115483	14 120 A49							
	[BRR]	01.06-	112002	14 120 A47	01.06-	113842	12 2.0				
		01.06-	112079	14 90 A47							
		01.06-	113992	14 140							
		01.06-	114789	14 90 A49							
		01.06-	115483	14 120 A49							
	[BRS]	06.06-	112002	14 120 A47	06.06-	113842	12 2.0				
		06.06-	112079	14 90 A47							
		06.06-	113992	14 140							
06.06-		114789	14 90 A49								
06.06-		115483	14 120 A49								
Transporter 2.0 T2	[CJ]				08.75- 07.79	110858	12 0.7				
	[GD]				08.75- 07.77	110858	12 0.7				
	[GE]				08.76- 06.79	110858	12 0.7				
Transporter 2.0 T3	[CU]				05.79- 12.80	110858	12 0.7				
					01.81- 12.82	111061	12 0.8				
Transporter 2.0 T4	[AAC]	07.90- 12.95	112149	14 65	09.90-	113677	12 1.1				
		08.92-	111479	14 90							
		08.98-	112274	14 90							
		01.99-	113406	14 90							
		AC 07.90-	111477	14 90							
		A20 07.90- 09.91	111676	14 90							
Transporter 2.0 T5	[AXA]	04.03-	112002	14 120 A47	04.03-	114163	12 1.1				
		04.03-	113992	14 140							
		04.03-	114797	14 120 A46							
		04.03-	115483	14 120 A49							
Transporter 2.0 TSi	[CJKA]	05.11-	115922	14 140	05.11-	113841	12 1.7				
								05.11-	115900	12 1.1	
Transporter 2.0 TSi 4motion	[CJKB]	07.12-	115922	14 140	07.12-	113841	12 1.7				
								07.11-	115900	12 1.1	
Transporter 2.0 BiTDI T5	[CFCA]	09.09-	114697	14 180	09.09-	113841	12 1.7				
		09.09-	115707	14 110							
		09.09-	115730	14 140							
Transporter 2.0 BiTDI T5 4 Motion	[CFCA]	09.09-	114697	14 180	09.09-	113841	12 1.7				
		09.09-	115707	14 110							
		09.09-	115730	14 140							
Transporter 2.0 TDI	[CCHB]	05.10-	115707	14 110	05.10-	113841	12 1.7				
								05.10-	115638	12 1.7	
		[CAAD]	05.11-	115707				14 110	05.11-	115336	12 2.2
		[CAAE]	05.10-	115707				14 110	05.10-	115638	12 1.7
Transporter 2.0 TDI 4motion	[CCHB]	05.10-	115707	14 110	05.10-	115638	12 1.7				
		05.10-	115730	14 140							
		[CAAE]	05.10-	115707				14 110			
		05.10-	115730	14 140							
Transporter 2.0 TDI T5	[CCHA]	09.09-	114697	14 180	09.09-	115638	12 1.7				
		09.09-	115707	14 110							
		09.09-	115730	14 140							
	[CCHB]	05.10-	114697	14 180							
		05.10-	115707	14 110							
	[CAAA]	09.09-	114697	14 180				09.09-	114299	12 1.7	
	09.09-	115707	14 110								
	09.09-	115730	14 140								



	[CAAB]	09.09- 09.09- 09.09-	114697 115707 115730	14 180 14 110 14 140		09.09-	114299	12 1.7
	[CAAC]	09.09- 09.09- 09.09-	114697 115707 115730	14 180 14 110 14 140		09.09- 09.09-	113841 115638	12 1.7 12 1.7
	[CAAE]	05.10- 05.10-	114697 115707	14 180 14 110		05.10-	115638	12 1.7
Transporter 2.0 TDi T5 4 Motion	[CCHA]	09.09- 09.09- 09.09-	114697 115707 115730	14 180 14 110 14 140		09.09-	115638	12 1.7
	[CCHB]	05.10- 05.10- 05.10-	114697 115707 115730	14 180 14 110 14 140		05.10-	115638	12 1.7
	[CAAC]	09.09- 09.09- 09.09-	114697 115707 115730	14 180 14 110 14 140		09.09- 09.09-	113841 115638	12 1.7 12 1.7
	[CAAE]	05.10- 05.10- 05.10-	114697 115707 115730	14 180 14 110 14 140		05.10-	115638	12 1.7
Transporter 2.1 T3	[DJ]					07.85- 05.86 08.85- 07.92	111061 113847	12 0.8 12 0.95
	[MV]					07.85- 07.92 08.85- 07.92	111061 113847	12 0.8 12 0.95
	[SR]					10.86- 07.92	113847	12 0.95
	[SS]					07.89- 07.92 07.89- 07.92	111061 113847	12 0.8 12 0.95
Transporter 2.1 T3 Syncro	[DJ]					01.86- 04.86 01.86- 07.92	111061 113847	12 0.8 12 0.95
	[MV]					08.85- 04.86 08.85- 07.92	111061 113847	12 0.8 12 0.95
	[SR]					10.86- 07.92	113847	12 0.95
Transporter 2.1 i T3	[SS]					07.89- 07.92	113847	12 0.95
Transporter 2.4 Diesel T4	[AJA]	08.97- 08.98 08.97- 08.98 08.98-	111898 111899 112402	14 120 14 90 14 120		AT 08.97- 05.97- 06.03	111060 113387	12 1.7 12 2.0
	[AAB]	09.90- 12.95 07.92- 12.95 01.96- 01.96-	112765 112799 111898 111899	14 90 14 100 ▲ 14 120 14 90		AT 09.90- 05.98 12.94- 05.98 AT 01.94- 09.90- 11.94	110996 113387 111060 112052	12 1.7 12 2.0 12 1.7 12 2.2
Transporter 2.4 Diesel T4 Syncro	[AAB]	11.92- 01.95 11.92- 01.95 01.96- 10.98 01.96- 10.98 11.98- 11.98-	112765 112799 111898 111899 112043 112402	14 90 14 100 ▲ 14 120 14 90 14 90 14 120		11.92- 11.94 12.94- 11.94- 01.94- 05.98	112052 112167 113387 111059	12 2.2 12 1.8 12 2.0 12 0.9
Transporter 2.5 T4	[ACU]	11.90- 03.04 10.91- 08.96 01.94- 12.95 12.95- 10.96 12.95- 10.96	113754 111353 111477 111898 111899	14 120 14 70 14 90 14 120 14 90		AT 01.94- 10.96 01.94- 12.94 12.94-	111060 112167 113387	12 1.7 12 1.8 12 2.0
	[AEN]	11.90- 03.04 10.91- 12.95 01.94- 12.95 12.95- 10.98 12.95- 10.98 10.98- 10.98-	113754 111353 111477 111898 111899 112043 112402	14 120 14 70 14 90 14 120 14 90 14 90 14 120		AT 01.94- 10.96 01.94- 12.94 09.95- 12.95	111060 112167 113387	12 1.7 12 1.8 12 2.0
	[AET]	08.96- 08.98 08.96- 08.98 08.96- 06.03 08.98- 08.98-	111898 111899 113754 112043 112402	14 120 14 90 14 120 14 90 14 120		AT 08.96- 08.96- 06.03	111060 113387	12 1.7 12 2.0
	[AEU]	11.90- 04.03 11.90- 04.03 08.96- 06.03 10.98- 06.03 10.98-	111899 113754 111898 112043 112402	14 90 14 120 14 120 14 90 14 120		11.90- 08.96- 06.03	111060 113387	12 1.7 12 2.0
	[APL]	05.99- 12.99	113754	14 120		05.99- 06.03	113387	12 2.0
	[AVT]	08.96- 08.98 08.96- 08.98 08.98- 08.98- 12.99- 06.03	111898 111899 112043 112402 113754	14 120 14 90 14 90 14 120 14 120		12.99- 06.03 AT 08.96-	113387 111060	12 2.0 12 1.7
	[AAF]	11.90- 04.03 11.90- 09.91 11.90- 03.04 10.91- 12.93 10.91- 12.93	111899 112765 113754 111353 111477	14 90 14 90 ▲ 14 120 14 70 14 90		02.03- AT 09.90- 12.93 09.90- 12.93	113678 111060 112167	12 2.2 12 1.7 12 1.8
Transporter 2.5 T4 Syncro	[ACU]	10.92- 04.03 01.94- 10.96 01.94- 12.95 12.95- 10.96 12.95- 10.96	113754 111353 111477 111898 111899	14 120 14 70 14 90 14 120 14 90		01.94- 12.94 12.94- 10.96	112167 113387	12 1.8 12 2.0
	[AEN]	09.95- 10.98 09.95- 10.98 09.95- 12.95 10.98-	111898 111899 113754 112043	14 120 14 90 14 120 14 90		09.95- 12.95 AT 10.92- 12.95	113387 111060	12 2.0 12 1.7
	[AET]	07.96- 04.03 07.96- 07.96- 03.04 08.96- 10.98 10.98-	111899 112402 113754 111898 112043	14 90 14 120 14 120 14 120 14 90		07.96- 06.03 AT 07.96- 06.03	113387 111060	12 2.0 12 1.7
		Chas. 70-X-075001- Chas. -70-X-075000	07.96- 06.03 07.96- 06.03	112043 111898	14 90 14 120			

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

VW Continued

	[AEU]	10.92- 11.01 111898	14 120		AT 10.92- 08.01 111060	12 1.7
		10.92- 04.03 111899	14 90		06.97- 11.01 113387	12 2.0
		10.92- 04.03 113754	14 120			
		11.98- 11.01 112043	14 90			
	AC	11.98- 11.01 112043	14 90			
	[APL]	07.96- 04.03 111899	14 90		05.99- 06.03 113387	12 2.0
		07.96- 112402	14 120			
		07.96- 03.04 113754	14 120			
		05.99- 06.03 112043	14 90			
	[AVT]	07.96- 04.03 111899	14 90		12.99- 06.03 113387	12 2.0
		07.96- 03.04 113754	14 120		AT 12.99- 06.03 111060	12 1.7
		08.96- 112402	14 120			
		12.99- 06.03 112043	14 90			
	[AAF]	10.92- 04.03 111899	14 90		11.92- 12.93 112167	12 1.8
		10.92- 04.03 113754	14 120			
		11.92- 12.93 111353	14 70			
		11.92- 12.93 111477	14 90			
Transporter 2.5 TD T4	[AJT]	05.98- 10.98 111898	14 120		AT 05.98- 111060	12 1.7
		05.98- 04.03 111899	14 90		AT 05.98- 04.02 112286	12 1.7
		05.98- 112043	14 90		05.98- 06.03 113387	12 2.0
		05.98- 112402	14 120			
		05.98- 06.03 113754	14 120			
		05.98- 04.03 113884	14 150			
	[AAY]	10.01- 06.03 113754	14 120		10.01- 06.03 113387	12 2.0
		05.98- 04.03 111899	14 90			
		05.98- 112043	14 90			
		05.98- 04.03 113884	14 150			
Transporter 2.5 TDi T4	[ACV]	01.95- 08.98 111898	14 120		AT 01.95- 06.03 111060	12 1.7
		01.95- 08.98 111899	14 90		AT 01.95- 04.02 112286	12 1.7
		01.95- 06.04 113754	14 120		01.95- 06.03 113387	12 2.0
		09.95- 04.03 113884	14 150		09.95- 112167	12 1.8
		01.98- 12.03 113888	14 90			
		08.98- 112043	14 90			
		08.98- 112402	14 120			
	[AHY]	05.98- 112043	14 90		05.98- 03.04 112444	12 2.0
		05.98- 09.00 113754	14 120		05.98- 113387	12 2.0
	[AJT]	05.98- 10.98 111898	14 120		AT 05.98- 111060	12 1.7
		05.98- 08.98 111899	14 90		AT 05.98- 04.02 112286	12 1.7
		05.98- 06.03 113754	14 120		05.98- 06.03 113387	12 2.0
		05.98- 04.03 113884	14 150			
		08.98- 06.03 112043	14 90			
		08.98- 112402	14 120			
	[AUF]	09.95- 06.04 113754	14 120		AT 05.99- 06.03 111060	12 1.7
		09.95- 04.03 113884	14 150		AT 05.99- 04.02 112286	12 1.7
					05.99- 06.03 113387	12 2.0
	[AXG]	09.00- 06.03 113754	14 120		09.00- 06.03 113387	12 2.0
		05.98- 06.03 112043	14 90		05.98- 06.03 112444	12 2.0
	[AYC]	09.95- 06.04 113754	14 120		AT 04.01- 06.03 111060	12 1.7
		09.95- 04.03 113884	14 150		04.01- 06.03 113387	12 2.0
	[AAY]	10.01- 06.04 113754	14 120		05.98- 06.03 113387	12 2.0
		05.98- 08.98 111899	14 90			
		05.98- 04.03 113884	14 150			
		08.98- 06.03 112043	14 90			
Transporter 2.5 TDi T4 Syncro	[ACV]	09.95- 10.98 111898	14 120		AT 09.95- 06.03 111060	12 1.7
		09.95- 08.98 111899	14 90		AT 01.95- 04.02 112286	12 1.7
		09.95- 03.04 113754	14 120		01.95- 06.03 113387	12 2.0
		09.95- 04.03 113884	14 150			
		08.98- 06.03 112043	14 90			
		08.98- 112402	14 120			
	[AXL]	09.95- 08.98 111899	14 90		01.96- 06.03 113387	12 2.0
		09.95- 03.04 113754	14 120		AT 03.98- 04.02 112286	12 1.7
		09.95- 04.03 113884	14 150		AT 03.98- 06.03 111060	12 1.7
		03.98- 10.98 111898	14 120			
		08.98- 06.03 112043	14 90			
Transporter 2.5 TDi T5	[AXD]	04.03- 11.09 113947	14 180		04.03- 113678	12 2.2
					04.03- 11.09 115507	12 2.2 A49
	[AXE]	04.03- 113947	14 180		04.03- 113678	12 2.2
					04.03- 115507	12 2.2 A49
	[BNZ]	04.03- 11.09 113947	14 180		04.03- 11.09 113678	12 2.2
					04.03- 11.09 115507	12 2.2 A49
	[BPC]	04.03- 113947	14 180		04.03- 113678	12 2.2
					04.03- 115507	12 2.2 A49
Transporter 2.5 TDi T5 4 Motion	[AXD]	07.04- 113947	14 180		07.04- 113678	12 2.2
					07.04- 115507	12 2.2 A49
	[AXE]	04.04- 113947	14 180		04.04- 113678	12 2.2
					04.04- 115507	12 2.2 A49
	[BNZ]	07.04- 113947	14 180		07.04- 113678	12 2.2
					07.04- 115507	12 2.2 A49
	[BPC]	04.04- 113947	14 180		04.04- 113678	12 2.2
					04.04- 115507	12 2.2 A49
Transporter 2.8 V6 T4	[AMV]	04.00- 04.03 113884	14 150		AT 04.00- 111060	12 1.7
		05.00- 06.03 113885	14 150		04.00- 112444	12 2.0
Transporter 2.8 VR6 T4	[AES]	11.95- 04.00 112043	14 90		AT 11.95- 04.00 111060	12 1.7
		01.96- 08.98 112709	14 120		11.95- 04.00 113387	12 2.0
		01.96- 05.00 113885	14 150			
	[AMV]	05.00- 06.03 113885	14 150			
Transporter 3.2 V6 T5	[BDL]	04.03- 112002	14 120 A47		04.03- 113841	12 1.7
		04.03- 113884	14 150			
		04.03- 114453	14 180			
		04.03- 114797	14 120 A46			
		04.03- 115483	14 120 A49			
	[BKK]	08.03- 112002	14 120 A47		08.03- 113841	12 1.7
		08.03- 113884	14 150			
		08.03- 114797	14 120 A46			
		08.03- 115483	14 120 A49			



	[CFLA]	08.03-08.03-	112002 115483	14 120 A47 14 120 A49		08.03-	113841	12 1.7
Transporter IV 1.9 Diesel	[1X]	09.90-12.95	111154	14 65		09.90-12.95	112167	12 1.8
		09.90-12.95	111479	14 90		09.90-12.95	113387	12 2.0
		09.90-12.95	112765	14 90		09.90-12.95	111749	12 1.1
Transporter VI 2.0 TSi	[CJKA]	04.15-	115922	14 140		04.15-	115561	12 1.7
						04.15-	115900	12 1.1
	[CJKB]	04.15-	115922	14 140		04.15-	115696	12 1.1
Transporter VI 2.0 TSi 4motion	[CJKA]	06.15-	115922	14 140		06.15-	115696	12 1.1
						06.15-	115561	12 1.7
						06.15-	115900	12 1.1
Transporter VI 2.0 TDi	[CFCA]	04.15-04.15-04.15-	115402 115638 115826	14 140		04.15-04.15-04.15-	115638 116097* 113841	12 1.7 12 2.0 12 1.7
	[CXEB]	06.15-	115826	14 140		06.15-	115402	12 1.8
	[CXFA]	04.15-	115826	14 140		06.15-	115539	12 2.0
	[CXGA]	04.15-	115707	14 110		04.15-	115336	12 2.2
	[CXGB]	04.15-	115707	14 110		04.15-	115336	12 2.2
						04.15-	114299	12 1.7
	[CXHA]	04.15-	115826	14 140				
	[CAAA]	04.15-	115707	14 110		04.15-	115336	12 2.2
	[CAAB]	04.15-	115707	14 110		04.15-	114299	12 1.7
						04.15-	115336	12 2.2
	[CAAC]	04.15-	115707	14 110		04.15-	113841	12 1.7
						04.15-	115402	12 1.8
						04.15-	115638	12 1.7
						04.15-	116097*	12 2.0
Transporter VI 2.0 TDi 4motion	[CFCA]	06.15-	115826	14 140		06.15-	113841	12 1.7
						06.15-	115402	12 1.8
						06.15-	115638	12 1.7
						06.15-	116097*	12 2.0
	[CXEB]	06.15-	115826	14 140		06.15-	115539	12 2.0
	[CXFA]	08.15-	115826	14 140				
	[CXHA]	08.15-	115826	14 140				
	[CAAC]	06.15-	115707	14 110		06.15-	113841	12 1.7
						06.15-	115402	12 1.8
						06.15-	115638	12 1.7
						06.15-	116097*	12 2.0
Up 1.0	[CHYA]	08.11-	115695*	14 110		08.11-	115696	12 1.1
	[CHYB]	08.11-	115695*	14 110		08.11-	115696	12 1.1
						01.14-	115696	12 1.1
Up 1.0 EcoFuel	[CPGA]	11.12-	115695*	14 110		11.12-	113773	12 1.1
					A25	11.12-	115560	12 1.7
Vento 1.4	[ABD]	11.91-07.95	111352	14 70				
		11.91-07.95	111479	14 90				
	PS	11.91-07.95	111353	14 70				
	PS	11.91-07.95	111477	14 90				
	AC	11.91-09.95	111353	14 70				
	AC	11.91-07.95	111477	14 90				
	[AEX]	07.95-12.97	111352	14 70		07.95-12.97	112236	12 1.8
		07.95-12.97	111479	14 90		07.95-12.97	115504	12 1.1 A49
	PS	07.95-12.97	111353	14 70		07.95-12.97	111748	12 1.1
	PS	07.95-12.97	111477	14 90		07.95-12.97	111909	12 1.1
Vento 1.6	[ABU]	09.92-07.95	111352	14 70		10.94-07.95	111748	12 1.1
		09.92-09.94	111479	14 90		09.92-09.94	112307	12 1.1
	PS	09.92-07.95	111353	14 70				
	PS	09.92-07.95	111477	14 90				
	AC	09.92-07.95	111353	14 70				
	AC	09.92-07.95	111477	14 90				
	[AEA]	10.94-12.97	111352	14 70		10.94-12.97	111748	12 1.1
		10.94-12.97	111479	14 90		10.94-12.97	111909	12 1.1
						10.94-07.95	112236	12 1.8
						10.94-12.97	115504	12 1.1 A49
	[AEE]	07.95-12.97	111352	14 70		07.95-12.97	111748	12 1.1
		07.95-12.97	111479	14 90		07.95-12.97	111909	12 1.1
						07.95-12.97	112236	12 1.8
						07.95-12.97	115504	12 1.1 A49
	[AEK]	10.94-12.95	111352	14 70		10.94-12.95	111748	12 1.1
		10.94-12.95	111479	14 90		10.94-12.95	111909	12 1.1
	PS	10.94-12.95	111353	14 70		10.94-12.95	115504	12 1.1 A49
	PS	10.94-12.95	111477	14 90		10.94-12.95	112236	12 1.8
	AC	10.94-12.95	111353	14 70				
	AC	10.94-12.95	111477	14 90				
	[AFT]	12.95-12.97	111352	14 70		12.95-12.97	111748	12 1.1
		12.95-12.97	111479	14 90		12.95-12.97	111909	12 1.1
	PS	12.95-12.97	111353	14 70		12.95-12.97	112236	12 1.8
	PS	12.95-12.97	111477	14 90		12.95-12.97	115504	12 1.1 A49
	AC	12.95-12.97	111353	14 70				
	AC	12.95-12.97	111477	14 90				
Vento 1.8	[ABS]	11.91-09.94	111352	14 70		11.91-09.94	111748	12 1.1
		11.91-09.94	111479	14 90				
	AC	11.91-09.94	111353	14 70				
	AC	11.91-09.94	111477	14 90				
	[ADZ]	10.94-12.97	111352	14 70		10.94-12.97	111748	12 1.1
		10.94-12.97	111479	14 90		11.91-09.98	115504	12 1.1 A49
	AC	10.94-12.97	111353	14 70		11.91-09.98	111909	12 1.1
	AC	10.94-12.97	111477	14 90		10.94-12.97	112236	12 1.8
	[AAM]	11.91-12.97	111352	14 70		11.91-12.97	111748	12 1.1
		02.92-12.97	111479	14 90		11.91-12.97	115504	12 1.1 A49
	AC	11.91-12.97	111353	14 70		11.91-12.97	111909	12 1.1
	AC	11.91-12.97	111477	14 90		11.91-12.97	112236	12 1.8
Vento 1.9 Diesel	[1Y]	11.91-12.97	111352	14 70		11.91-12.97	112286	12 1.7
		11.91-12.97	111479	14 90				
	AC	11.91-12.97	111353	14 70				
	AC	11.91-12.97	111477	14 90				

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Application list

**VW Continued**

Vento 1.9 SDi	[AEY]	01.95- 12.97	111353	14 70	ECO	01.95-	112286	12	1.7	
		01.97- 12.97	111477	14 90						
Vento 1.9 TD	[AAZ]	11.91- 12.97	111352	14 70		11.91- 12.97	112286	12	1.7	
		11.91- 12.97	111479	14 90						
		AC 11.91- 12.97	111353	14 70						
		AC 11.91- 12.97	111477	14 90						
Vento 1.9 TDi	[1Z]	09.93- 07.96	111353	14 70		07.94- 07.96	111900	12	1.8	
		09.93- 07.96	111477	14 90						
		09.93- 07.96	111988	14 120						
	[AFN]	02.96-	111353	14 70		02.96-	111900	12	1.8	
		02.96-	111477	14 90						
		02.96-	111828	14 120						
	[AHU]		08.96- 12.97	111353	14 70		08.96- 12.97	111900	12	1.8
			08.96- 12.97	111477	14 90					
			08.96- 12.97	111828	14 120					
			08.96- 12.97	111988	14 120					
	[ALE]		05.97- 12.97	111353	14 70		05.97- 12.97	111900	12	1.8
			05.97- 12.97	111477	14 90					
			05.97- 12.97	111828	14 120					
			05.97- 12.97	111988	14 120					
Vento 2.0	[2E]	11.91- 09.94	111352	14 70		11.91- 09.94	111748	12	1.1	
		11.91- 09.94	111479	14 90						
		AC 11.91- 09.94	111353	14 70						
		AC 11.91- 09.94	111477	14 90						
	[ADY]		10.94- 05.96	111352	14 70		10.94- 05.96	111748	12	1.1
			10.94- 05.96	111479	14 90					
			AC 10.94- 05.96	111353	14 70					
			AC 10.94- 05.96	111477	14 90					
	[AGG]		07.95- 12.97	111352	14 70		07.95- 12.97	111748	12	1.1
			07.95- 12.97	111479	14 90					
			AC 07.95- 12.97	111353	14 70					
			AC 07.95- 12.97	111477	14 90					
[AKR]		05.97- 12.97	111352	14 70		05.97- 12.97	111748	12	1.1	
		05.97- 12.97	111479	14 90						
		AC 05.97- 12.97	111353	14 70						
		AC 05.97- 12.97	111477	14 90						
Vento 2.8 VR6	[AAA]	01.92- 12.94	111991	14 120		01.92- 12.97	112166	12	1.7	
		01.95-	112709	14 120						
<b>PASSENGER CARS US</b>										
Beetle 1.5	[H]					01.67- 01.69	110363	12	0.7	
Beetle 1.6	[AE]					01.71- 01.73	110363	12	0.7	
	[AH]					01.72- 01.74	110363	12	0.7	
	[AJ]					01.75- 01.79	110363	12	0.7	
	[AK]					01.73- 01.74	110363	12	0.7	
	[B]					01.70- 01.70	110363	12	0.7	
Beetle 1.8 Turbo	[APH]	01.99- 01.00	111353	14 70		01.99- 01.00	112005	12	1.1	
		01.99- 01.00	112402	14 120						
	[AWV]	01.01- 01.01	111353	14 70		01.01- 01.01	112005	12	1.1	
		01.01- 01.01	112402	14 120						
		01.02- 01.03	111989	14 90						
		01.02- 01.03	112002	14 120 A47						
		01.02- 01.03	114797	14 120 A46						
		01.02- 01.03	115482	14 90 A49						
		01.02- 01.03	115483	14 120 A49						
		01.01- 01.01	111909	12 1.1						
01.01- 01.01	111909	12 1.1								
Beetle 1.8 Turbo S	[AWP]	01.02- 01.03	111989	14 90						
		01.02- 01.03	112002	14 120 A47						
		01.02- 01.03	114797	14 120 A46						
		01.02- 01.03	115482	14 90 A49						
		01.02- 01.03	115483	14 120 A49						
		01.02- 01.03	115483	14 120 A49						
Beetle 1.9 Turbo	[ALH]	01.02- 01.02	112002	14 120 A47		01.98- 01.01	115503	12	1.8	
		01.02- 01.02	114797	14 120 A46						
		01.02- 01.02	115483	14 120 A49						
		01.99- 01.02	112079	14 90 A47						
		01.99- 01.02	112402	14 120						
	[BEW]	01.99- 01.01	114789	14 90 A49						
		01.04-	112002	14 120 A47						
		01.04-	112079	14 90 A47						
		01.04-	112402	14 120						
		01.04-	114797	14 120 A46						
Beetle 2.0	[AEG]	01.98- 01.98	111820	14 90		01.98- 01.00	111909	12	1.1	
		01.99- 01.00	111353	14 70						
		01.99- 01.00	112075	14 70						
		01.99- 01.00	112402	14 120						
	[AVH]	01.01- 01.03	111353	14 70		01.01- 01.01	112005	12	1.1	
		01.01- 01.03	112075	14 70						
		01.01- 01.03	112402	14 120						
	[AZG]	01.01- 01.02	111353	14 70		01.01- 01.01	111909	12	1.1	
		01.01- 01.02	112075	14 70						
		01.01- 01.02	112402	14 120						
	[BDC]	01.03- 01.03	111353	14 70		01.01- 01.01	115504	12	1.1	
		01.03- 01.03	112075	14 70						
		01.03- 01.03	112402	14 120						
	[BEV]	01.04-	111353	14 70						
		01.04-	112075	14 70						
		01.04-	112402	14 120						
	[BGD]	01.04-	111353	14 70						
		01.04-	112075	14 70						
01.04-		112402	14 120							
Beetle 2.0 TDI	[CUUB]					09.14-	115402	12	1.8	
Cabrio 2.0	[ABA]	01.95- 01.98	111353	14 70		01.95- 01.97	111900	12	1.8	
		01.95- 01.02	111477	14 90						
						01.95- 01.01	111748	12	1.1	
						01.95- 01.97	115503	12	1.8	

## STARTERS & ALTERNATORS



Cabrio 2.0 Highline	[ABA]	01.97- 01.97	111353	14	70	01.97- 01.97	111748	12	1.1
		01.97- 01.97	111477	14	90	01.97- 01.97	111900	12	1.8
Cabriolet 1.8	[2H]	01.90- 01.93	112149	14	65	01.90- 01.93	111059	12	0.9
		01.90- 01.93	112729	14	90				
	[JH]	01.85- 01.87	110919	14	70	01.85- 01.87	110864	12	0.7
		01.88- 01.89	112149	14	65	01.85- 01.89	111059	12	0.9
Cabriolet 1.8 Carat	[2H]	01.91- 01.92	112149	14	65	01.91- 01.92	111059	12	0.9
		01.91- 01.92	112729	14	90				
Cabriolet 1.8 Etienne Aigner	[2H]	01.91- 01.91	112149	14	65	01.91- 01.91	111059	12	0.9
Campmobile 1.6	[AD]					01.71- 01.71	110363	12	0.7
	[AE]					01.71- 01.71	110363	12	0.7
	[AF]					01.71- 01.71	110363	12	0.7
	[B]					01.69- 01.70	110363	12	0.7
	[C]					01.69- 01.70	110363	12	0.7
Campmobile 1.7	[CA]					01.72- 01.73	110363	12	0.7
	[CB]					01.72- 01.73	110363	12	0.7
	[CD]					01.73- 01.73	110363	12	0.7
	[CE]					01.73- 01.73	110363	12	0.7
Campmobile 1.8	[AP]					01.74- 01.75	110363	12	0.7
	[AW]					01.74- 01.74	110363	12	0.7
	[ED]					01.74- 01.75	110363	12	0.7
Campmobile 2.0	[CJ]					01.76- 01.79	110858	12	0.7
	[GD]					01.76- 01.77	110858	12	0.7
	[GE]					01.78- 01.79	110858	12	0.7
Corrado 1.8 Super	[PG]					01.90- 01.92	111059	12	0.9
Corrado 2.8	[AAA]	01.95-	111477	14	90				
Corrado 2.8 SLC	[AAA]	01.92- 01.94	111477	14	90				
Corrado 2.8 V6	[AAA]	01.93- 01.94	111477	14	90	01.93- 01.94	111060	12	1.7
Dasher 1.5	[XR]	01.75- 01.75	110975	14	65	01.75- 01.75	111058	12	0.8
	[XS]	01.75- 01.75	110975	14	65	01.75- 01.75	111058	12	0.8
	[XV]	01.74- 01.74	110975	14	65	01.74- 01.74	111058	12	0.8
	[XW]	01.74- 01.74	110975	14	65	01.74- 01.74	111058	12	0.8
	[XY]	01.74- 01.74	110975	14	65	01.74- 01.74	111058	12	0.8
	[XZ]	01.74- 01.74	110975	14	65	01.74- 01.74	111058	12	0.8
Dasher 1.5	[CK]	01.79- 01.80	110913	14	70				
		01.79- 01.80	111035	14	65				
Dasher 1.6	[YG]	01.76- 01.80	110975	14	65	01.76- 01.80	111058	12	0.8
	[YH]	01.76- 01.80	110975	14	65	01.76- 01.80	111058	12	0.8
	[YK]	01.76- 01.76	110975	14	65	01.76- 01.76	111058	12	0.8
Dasher 1.6	[CR]	01.81- 01.81	110913	14	70				
Eurovan 2.4	[AAB]	01.93- 01.95	112765	14	90	12.94- 01.96	113387	12	2.0
		01.93- 01.95	112799	14	100	10.92- 11.94	112052	12	2.2
		01.96- 10.98	111898	14	120				
		01.96-	111899	14	90				
Eurovan 2.4 Camper	[AAB]					01.95-	113387	12	2.0
Eurovan 2.4 CL	[AAB]	10.92- 01.95	112765	14	90	12.94-	113387	12	2.0
		10.92- 01.95	112799	14	100	01.93- 11.94	112052	12	2.2
		01.96- 10.98	111898	14	120				
Eurovan 2.4 CV	[AAB]					01.93- 01.94	112052	12	2.2
Eurovan 2.4 GL	[AAB]					01.93- 12.94	112052	12	2.2
						12.94-	113387	12	2.0
Eurovan 2.4 GLS	[AAB]					01.94- 12.94	112052	12	2.2
Eurovan 2.5	[ACU]	01.95- 01.95	111353	14	70	01.96-	115503	12	1.8
		01.95- 01.95	111477	14	90	12.94- 05.96	111900	12	1.8
		01.96- 05.96	111898	14	120	01.94- 12.94	112167	12	1.8
		01.96- 05.96	111899	14	90	01.95- 01.95	111060	12	1.7
	[AAF]	01.94- 01.94	111353	14	70	01.94- 01.94	111060	12	1.7
Eurovan 2.5 Camper	[ACU]	01.95- 01.95	111353	14	70	01.95- 01.95	111060	12	1.7
		01.95- 01.95	111477	14	90				
Eurovan 2.5 CL	[AAF]	01.92- 01.93	111353	14	70	01.93- 01.93	111060	12	1.7
		01.92- 01.93	111477	14	90				
Eurovan 2.5 CV	[AAF]	01.92- 01.94	111353	14	70	01.93- 01.94	111060	12	1.7
		01.92- 01.94	111477	14	90				
Eurovan 2.5 GL	[AAF]	01.92- 01.94	111353	14	70	01.93- 01.94	111060	12	1.7
		01.92- 01.94	111477	14	90				
Eurovan 2.5 GLS	[ACU]	01.95- 01.95	111353	14	70	01.95- 01.95	111060	12	1.7
		01.95- 01.95	111477	14	90				
Eurovan 2.5 MV	[AAF]	01.93- 01.94	111353	14	70	01.93- 01.94	111060	12	1.7
		01.93- 01.94	111477	14	90				
Eurovan 2.5 Transport	[ACU]	01.95- 01.95	111353	14	70	01.95- 01.95	111060	12	1.7
		01.95- 01.95	111477	14	90				
Eurovan 2.8	[AES]	01.99- 01.00	111353	14	70	01.99- 01.00	111900	12	1.8
						01.99- 01.00	115503	12	1.8
Eurovan 2.8 Camper	[AES]	01.01- 01.04	111353	14	70				
		01.97- 01.98	111820	14	90	01.97- 01.98	111900	12	1.8
Fastback 1.6	[P]					05.96-	112167	12	1.8
						01.97- 01.98	115503	12	1.8
						01.68- 01.73	110363	12	0.7
						01.67- 01.73	110363	12	0.7
Fox 1.8	[ABG]	01.91- 01.93	112149	14	65	01.91- 01.93	110865	12	0.95
		01.91- 01.93	112729	14	90				
	[JN]	01.87- 01.90	112149	14	65	01.87- 01.90	110865	12	0.95
		01.87- 01.90	112729	14	90				
Fox 1.8 GL	[ABG]	01.87- 01.87	112149	14	65	01.87- 01.87	110865	12	0.95
		01.87- 01.87	112729	14	90				
Fox 1.8 GL	[JN]	01.91- 01.93	112149	14	65	01.91- 01.93	110865	12	0.95
		01.91- 01.93	112729	14	90				
		01.87- 01.90	112149	14	65	01.87- 01.90	110865	12	0.95
		01.87- 01.90	112729	14	90				



Application list

VW Continued

	[UM]	01.87- 01.87	112149	14 65	01.87- 01.87	110865	12 0.95	
		01.87- 01.87	112729	14 90				
Fox 1.8 GL Sport	[JN]	01.89- 01.90	112149	14 65	01.89- 01.90	110865	12 0.95	
		01.89- 01.90	112729	14 90				
Golf I 1.6 Diesel					08.80- 07.83	110996	12 1.7	
Golf II 1.6	[ME]	01.85- 01.86	111154	14 65	01.85- 01.86	111060	12 1.7	
		01.89-	111288	14 65				
Golf II 1.6 GL	[ME]	01.87- 01.88	111154	14 65	01.87- 01.88	111060	12 1.7	
		01.87- 01.88	111288	14 65				
Golf II 1.8	[PF]	01.88- 01.89	112149	14 65	01.88- 01.89	111059	12 0.9	
		01.88- 01.89	112729	14 90				
	[RV]	01.88- 01.89	112149	14 65	01.88- 01.89	111059	12 0.9	
		01.88- 01.89	112729	14 90				
Golf II 1.8 GL	[GX]	01.87- 01.87	112149	14 65	01.87- 01.87	111059	12 0.9	
		01.87- 01.87	112729	14 90				
	[PF]	01.88- 01.92	112149	14 65	01.88- 01.92	111059	12 0.9	
		01.88- 01.92	112729	14 90				
	[RV]	01.88- 01.92	112149	14 65	01.88- 01.91	111059	12 0.9	
		01.88- 01.92	112729	14 90				
Golf II 1.8 GT	[PF]	01.88- 01.88	112149	14 65	01.88- 01.88	111059	12 0.9	
		01.88- 01.88	112729	14 90				
	[RD]	01.87- 01.87	112149	14 65	01.87- 01.87	111059	12 0.9	
		01.87- 01.87	112729	14 90				
Golf II 1.8 GTi 16V	[PL]	01.87- 01.89	112149	14 65	01.87- 01.89	111059	12 0.9	
		01.87- 01.89	112729	14 90				
Golf II 1.8 GTi	[HT]	01.85- 01.86	110919	14 70	01.85- 01.86	111059	12 0.9	
	[PF]	01.90- 01.92	112149	14 65	01.90- 01.92	111059	12 0.9	
		01.90- 01.92	112729	14 90				
	[RD]	01.85- 01.87	112149	14 65	01.85- 01.87	111059	12 0.9	
		01.85- 01.87	112729	14 90				
	[RV]	01.90- 01.92	112149	14 65	01.90- 01.92	111059	12 0.9	
		01.90- 01.92	112729	14 90				
Golf II 2.0 GTi 16V	[9A]				01.90- 01.92	112131	12 1.4	
Golf III 1.6	[ME]	01.92-	111154	14 65				
		01.92-	111288	14 65				
Golf III 1.6 GL	[ME]	01.92-	111154	14 65				
		01.92-	111288	14 65				
Golf III 1.8	[ACC]	01.93-	111352	14 70	03.95-	111059	12 0.9	
		01.93-	111353	14 70				
		01.93-	111477	14 90				
		01.93-	111479	14 90				
Golf III 1.8 CL	[ACC]	01.93-	111352	14 70	01.97-	115504	12 1.1	A49
		01.93-	111353	14 70	08.97-	111909	12 1.1	
		01.93-	111477	14 90				
		01.93-	111479	14 90				
Golf III 1.8 Turbo	[AWD]	01.00- 01.00	111353	14 70	01.00- 01.00	112005	12 1.1	
		01.00- 01.00	112402	14 120	01.00- 01.00	111909	12 1.1	
					01.00- 01.00	115504	12 1.1	A49
	[AWW]	01.00- 01.00	111353	14 70	01.00- 01.00	111909	12 1.1	
		01.00- 01.00	112402	14 120	01.00- 01.00	112005	12 1.1	
					01.00- 01.00	115504	12 1.1	A49
Golf III 1.9	[AAZ]	01.93- 01.95	111352	14 70	01.93- 01.95	111060	12 1.7	
		01.93- 01.95	111353	14 70				
		01.93- 01.95	111477	14 90				
		01.93- 01.95	111479	14 90				
Golf III 1.9 TDi	[AHU]	01.97- 01.97	111353	14 70	01.97- 01.97	111900	12 1.8	
		01.97- 01.97	111477	14 90	01.97- 01.97	115503	12 1.8	A49
		01.97- 01.97	111988	14 120				
	[ALH]	01.99- 01.99	111353	14 70	01.99- 01.99	115503	12 1.8	A49
		01.99- 01.99	112075	14 70	01.99- 01.99	111900	12 1.8	
		01.99- 01.99	112079	14 90				A47
		01.99- 01.99	112402	14 120				
	[AAZ]	01.96- 01.96	111352	14 70	01.96- 01.96	111900	12 1.8	
		01.96- 01.96	111353	14 70	01.96- 01.96	115503	12 1.8	A49
		01.96- 01.96	111477	14 90				
		01.96- 01.96	111479	14 90				
Golf III 1.9 Turbo	[ALH]	01.00- 01.00	111353	14 70	01.00- 01.00	115503	12 1.8	A49
		01.00- 01.00	112075	14 70	01.00- 01.00	111900	12 1.8	
		01.00- 01.00	112079	14 90				A47
		01.00- 01.00	112402	14 120				
Golf III 1.9 Turbo GL	[ALH]	01.99-	112079	14 90				A47
		01.99-	112402	14 120				
Golf III 2.0	[ABA]	01.98- 01.98	111352	14 70	01.98- 01.98	111748	12 1.1	
		01.98- 01.98	111353	14 70				
		01.98- 01.98	111477	14 90				
		01.98- 01.98	111479	14 90				
	[AEG]	01.00- 01.00	111353	14 70	01.00- 01.00	112005	12 1.1	
		01.00- 01.00	112402	14 120				
Golf III 2.0 Celebration Edit	[ABA]	01.95- 01.95	111352	14 70	01.95- 01.95	111748	12 1.1	
		01.95- 01.95	111353	14 70				
		01.95- 01.95	111477	14 90				
		01.95- 01.95	111479	14 90				
Golf III 2.0 City	[ABA]	01.95- 01.95	111352	14 70	01.95- 01.95	111748	12 1.1	
		01.95- 01.95	111353	14 70				
		01.95- 01.95	111477	14 90				
		01.95- 01.95	111479	14 90				
Golf III 2.0 GL	[ABA]	01.93- 01.97	111352	14 70	01.93- 01.99	111748	12 1.1	
		01.93- 01.97	111477	14 90	01.99- 01.99	112005	12 1.1	
		01.93- 01.97	111479	14 90				
		01.94- 01.99	111353	14 70				
		01.99- 01.99	112402	14 120				
	[AEG]	01.99- 01.99	111353	14 70	01.99- 01.99	111748	12 1.1	
		01.99- 01.99	112402	14 120	01.99- 01.99	112005	12 1.1	
Golf III 2.0 GLS	[AEG]	01.99- 01.99	111353	14 70	01.99- 01.99	112005	12 1.1	
		01.99- 01.99	112402	14 120	01.99- 01.99	111748	12 1.1	



Golf III 2.0 JAZZ	[ABA]	01.97- 01.97	111352	14	70	01.97- 01.97	111748	12	1.1				
		01.97- 01.97	111353	14	70								
		01.97- 01.97	111477	14	90								
		01.97- 01.97	111479	14	90								
Golf III 2.0 K2	[ABA]	01.97- 01.97	111352	14	70	01.97- 01.97	111748	12	1.1				
		01.97- 01.97	111353	14	70								
		01.97- 01.97	111477	14	90								
		01.97- 01.97	111479	14	90								
		01.98- 01.98	111353	14	70					01.98- 01.98	111748	12	1.1
		01.98- 01.98	111479	14	90								
01.98- 01.98	111352	14	70										
Golf III 2.0 Sport	[ABA]	01.95- 01.95	111352	14	70	01.95- 01.95	111748	12	1.1				
		01.95- 01.95	111353	14	70								
		01.95- 01.95	111477	14	90								
		01.95- 01.95	111479	14	90								
Golf III 2.0 Trek	[ABA]	01.97- 01.97	111352	14	70	01.97- 01.97	111748	12	1.1				
		01.97- 01.97	111353	14	70								
		01.97- 01.97	111477	14	90								
		01.97- 01.97	111479	14	90								
Golf III 2.0 GTi	[ABA]	01.93- 01.98	111352	14	70	01.93- 01.99	111748	12	1.1				
		01.93- 01.98	111477	14	90								
		01.93- 01.98	111479	14	90	01.99- 01.99	112005	12	1.1				
		01.94- 01.99	111353	14	70								
		01.99- 01.99	112402	14	120	01.99- 01.00	112005	12	1.1				
		01.99- 01.00	111353	14	70								
01.99- 01.00	112402	14	120										
Golf III 2.8 GTi	[AFP]	01.99- 01.02	111353	14	70	01.99- 01.99	112005	12	1.1				
		01.99- 01.02	112075	14	70								
		01.99- 01.02	112402	14	120								
	[AAA]	01.99- 01.99	111353	14	70								
		01.99- 01.99	112075	14	70								
		01.99- 01.99	112402	14	120								
Golf III 2.8 VR6	[AAA]	01.95- 01.98	111353	14	70	01.95- 01.97	111060	12	1.7				
		01.95- 01.98	111477	14	90								
Golf III 1.8 GTi Turbo	[AWD]	01.01- 01.01	111353	14	70	01.01- 01.01	112429	12	2.0				
		01.01- 01.01	112402	14	120								
	[AWP]	01.02- 01.03	111353	14	70	01.02- 01.03	112005	12	1.1				
		01.02- 01.03	111989	14	90								
		01.02- 01.03	112402	14	120								
	01.02- 01.03	115482	14	90 A49	01.01- 01.01	112429	12	2.0					
01.01- 01.01	111353	14	70										
01.01- 01.01	112402	14	120	01.01- 01.01	112005	12	1.1						
Golf III 1.8 Turbo	[AWD]	01.01- 01.01	111353	14	70	01.01- 01.01	112005	12	1.1				
		01.01- 01.01	112402	14	120								
Golf III 1.8 Turbo	[AWW]	01.01- 01.01	111353	14	70	01.01- 01.01	112429	12	2.0				
		01.01- 01.01	112402	14	120								
		01.01- 01.01	111353	14	70								
		01.01- 01.01	112402	14	120								
Golf III 1.9 Turbo	[ALH]	01.01- 01.01	111353	14	70	01.01- 01.01	115503	12	1.8 A49				
		01.01- 01.01	112075	14	70								
		01.01- 01.02	112079	14	90 A47		01.01- 01.01	111900	12	1.8			
		01.01- 01.02	112402	14	120								
		01.01- 01.01	114789	14	90 A49		01.02- 01.02	112002	14	120 A47			
		01.02- 01.02	112002	14	120 A47								
		01.02- 01.02	114797	14	120 A46		01.02- 01.02	115483	14	120 A49			
		01.02- 01.02	115483	14	120 A49								
Golf III 2.0	[AEG]	01.01- 01.01	111353	14	70	01.01- 01.01	112005	12	1.1				
		01.01- 01.01	112402	14	120								
		01.01- 01.01	115504	14	120 A49								
	[AVH]	01.02- 01.03	111353	14	70	01.02- 01.03	112005	12	1.1				
		01.02- 01.03	112402	14	120								
		01.02- 01.03	115504	14	120 A49								
10.07-	113773	12	1.1										
Golf III 2.8 GTi	[BDF]	01.02- 01.02	111353	14	70	01.02- 01.02	112075	14	70				
		01.02- 01.02	112075	14	70								
Golf V 1.8 GTi Turbo	[AWP]	01.04-	111353	14	70	01.04-	111989	14	90				
		01.04-	111989	14	90								
		01.04-	112402	14	120								
		01.04-	115482	14	90 A49								
Golf V 1.9 Turbo	[ALH]	01.04-	112002	14	120 A47	01.04-	112079	14	90 A47				
		01.04-	112079	14	90 A47								
		01.04-	112402	14	120								
		01.04-	114797	14	120 A46								
		01.04-	115483	14	120 A49								
		01.04-	112002	14	120 A47								
01.04-	112079	14	90 A47										
01.04-	112402	14	120										
01.04-	114797	14	120 A46										
01.04-	115483	14	120 A49										
Golf V 2.0	[AVH]	01.05-	111353	14	70	01.05-	112402	14	120				
		01.05-	112402	14	120								
	[BEV]	01.05-	111353	14	70	01.05-	112402	14	120				
Jetta 1.6	[EJ]	01.80- 01.80	110913	14	70	01.80- 01.80	110864	12	0.7				
	[ME]	01.87- 01.92	111154	14	65					01.87- 01.92	111060	12	1.7
		01.87- 01.92	111288	14	65								
01.92- 01.92	110913	14	70										
Jetta 1.6 Deluxe	[CR]	01.81- 01.81	110913	14	70	01.85- 01.86	111060	12	1.7				
		01.81- 01.82	111035	14	65								
	[JK]	01.83- 01.84	111035	14	65								
	[ME]	01.85- 01.86	111154	14	65								
01.86-	111288	14	65										
Jetta 1.6 GL	[ME]	01.86- 01.91	111154	14	65	01.89- 01.91	111060	12	1.7				
		01.86- 01.91	111288	14	65								
		01.91- 01.91	110913	14	70								
Jetta 1.6 Turbo	[MF]	01.85- 01.88	111154	14	65	01.85- 01.88	111060	12	1.7				
Jetta 1.6 Turbo Deluxe	[CY]	01.83- 01.84	111035	14	65								

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

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	[MF]	01.85- 01.85	111154	14 65		01.85- 01.85	111060	12 1.7
		01.86-	111288	14 65				
Jetta 1.6 Turbo GL	[MF]	01.86- 01.88	111154	14 65		01.86- 01.88	111060	12 1.7
		01.86- 01.88	111288	14 65				
Jetta 1.7 Deluxe	[EN]	01.81- 01.84	110913	14 70		01.81- 01.84	110864	12 0.7
Jetta 1.8	[ACC]	01.93-	111352	14 70				
		01.93-	111353	14 70				
		01.93-	111477	14 90				
		01.93-	111479	14 90				
	[GX]	01.87- 01.87	112149	14 65		01.87- 01.87	111059	12 0.9
		01.87- 01.87	112729	14 90				
	[MZ]	01.85- 01.86	110919	14 70		01.85- 01.86	111059	12 0.9
	[PF]	01.89- 01.92	112149	14 65		01.89- 01.89	111059	12 0.9
		01.89- 01.92	112729	14 90				
	[RV]	01.88- 01.92	112149	14 65		01.88- 01.92	111059	12 0.9
		01.88- 01.92	112729	14 90				
Jetta 1.8 Carat	[PF]	01.88- 01.88	112149	14 65		01.88- 01.88	111059	12 0.9
		01.88- 01.88	112729	14 90				
	[RD]	01.88- 01.88	112149	14 65		01.88- 01.88	111059	12 0.9
		01.88- 01.88	112729	14 90				
	[RV]	01.89- 01.92	112149	14 65		01.89- 01.92	111059	12 0.9
		01.89- 01.92	112729	14 90				
Jetta 1.8 CL	[ACC]	01.94-	111352	14 70				
		01.94-	111353	14 70				
		01.94-	111477	14 90				
		01.94-	111479	14 90				
Jetta 1.8 Deluxe	[GX]	01.85- 01.87	110919	14 70		01.85- 01.87	111059	12 0.9
	[JH]	01.84- 01.84	110919	14 70				
Jetta 1.8 GL	[ACC]	01.93-	111352	14 70				
		01.93-	111353	14 70				
		01.93-	111477	14 90				
		01.93-	111479	14 90				
	[GX]	01.86-	112149	14 65				
		01.86-	112729	14 90				
	[PF]	01.88- 01.92	112149	14 65		01.88- 01.92	111059	12 0.9
		01.88- 01.92	112729	14 90				
	[RD]	01.88- 01.88	112149	14 65		01.88- 01.88	111059	12 0.9
		01.88- 01.88	112729	14 90				
	[RV]	01.88- 01.92	112149	14 65		01.88- 01.92	111059	12 0.9
		01.88- 01.92	112729	14 90				
Jetta 1.8 GLI	[HT]	01.85- 01.85	110919	14 70		01.85- 01.85	111059	12 0.9
	[PF]	01.87- 01.88	112149	14 65		01.87- 01.88	111059	12 0.9
		01.87- 01.88	112729	14 90				
	[RD]	01.86- 01.87	112149	14 65		01.86- 01.87	111059	12 0.9
		01.86- 01.87	112729	14 90				
Jetta 1.8 16V GLI	[PL]	01.87- 01.89	112149	14 65		01.87- 01.89	111059	12 0.9
		01.87- 01.89	112729	14 90				
Jetta 1.8 Turbo	[AWP]	01.05-	111353	14 70				
		01.05-	111989	14 90				
		01.05-	112402	14 120				
		01.05-	115482	14 90 A49				
Jetta 1.8 Turbo GLS	[AWD]	01.00- 01.01	111353	14 70		01.01- 01.01	112429	12 2.0
		01.00- 01.01	112402	14 120		01.00- 01.01	112005	12 1.1
						01.00- 01.00	111909	12 1.1
						01.00- 01.00	115504	12 1.1 A49
	[AWP]	01.02- 01.03	111353	14 70		01.02- 01.03	112429	12 2.0
		01.02- 01.03	111989	14 90		01.02- 01.03	112005	12 1.1
		01.02- 01.03	112402	14 120				
		01.02- 01.03	115482	14 90 A49				
	[AWW]	01.00- 01.01	111353	14 70		01.01- 01.01	112429	12 2.0
		01.00- 01.01	112402	14 120		01.00- 01.01	112005	12 1.1
						01.00- 01.00	111909	12 1.1
						01.00- 01.00	115504	12 1.1 A49
Jetta 1.9	[AAZ]	10.92- 01.95	111352	14 70		01.93- 01.95	111060	12 1.7
		01.93- 01.95	111353	14 70				
		01.93- 01.95	111477	14 90				
Jetta 1.9 TDi	[AHU]	01.97- 01.98	111353	14 70		01.97- 01.98	111900	12 1.8
		01.97- 01.98	111477	14 90		01.97- 01.98	115503	12 1.8 A49
		01.97- 01.98	111988	14 120				
	[ALH]	01.02- 01.02	112002	14 120 A47		01.99- 01.01	111900	12 1.8
		01.02- 01.02	114797	14 120 A46		01.99- 01.01	115503	12 1.8 A49
		01.02- 01.02	115483	14 120 A49				
		01.99- 01.01	111353	14 70				
		01.99- 01.01	112075	14 70				
		01.99- 01.02	112079	14 90 A47				
		01.99- 01.02	112402	14 120				
	[BEW]	01.04-	112002	14 120 A47				
		01.04-	112079	14 90 A47				
		01.04-	112402	14 120				
		01.04-	114797	14 120 A46				
		01.04-	115483	14 120 A49				
	[AAZ]	01.96- 01.96	111352	14 70		01.96- 01.96	115503	12 1.8 A49
		01.96- 01.96	111353	14 70		01.96- 01.96	111900	12 1.8
		01.96- 01.96	111477	14 90				
Jetta 2.0	[ABA]	01.98-	111352	14 70				
		01.98-	111353	14 70				
		01.98-	111477	14 90				
		01.98-	111479	14 90				
	[AVH]	01.01- 01.03	111353	14 70		01.01- 01.03	111909	12 1.1
		01.01- 01.02	112402	14 120		01.01- 01.03	112005	12 1.1
		01.03- 01.03	111989	14 90		01.01- 01.03	115504	12 1.1 A49
		01.03- 01.03	115482	14 90 A49				
	[AZG]	01.01- 01.02	111353	14 70		01.01- 01.02	111909	12 1.1
		01.01- 01.02	112402	14 120		01.01- 01.02	112005	12 1.1
		01.04-	111989	14 90		01.01- 01.02	115504	12 1.1 A49
		01.04-	115482	14 90 A49				





	[BEV]	01.04-01.04-01.04-	111353 111989 115482	14 70 14 90 14 90 A49				
Jetta 2.0 Celebration Edit	[ABA]	01.95-01.95-01.95-01.95-01.95-	111352 111353 111477 111479	14 70 14 70 14 90 14 90		01.95-01.95	111748	12 1.1
Jetta 2.0 City	[ABA]	01.95-01.95-01.95-01.95-01.95-	111352 111353 111477 111479	14 70 14 70 14 90 14 90		01.95-01.95	111748	12 1.1
Jetta 2.0 GL	[ABA]	01.93-01.98-01.93-01.98-01.93-01.98-01.94-01.99-01.99-	111352 111477 111479 111353 112402	14 70 14 90 14 90 14 70 14 120		01.99-01.99 01.94-01.99	112005 111748	12 1.1 12 1.1
	[AEG]	01.99-01.01-01.99-	111353 112402	14 70 14 120		01.99-01.01 01.01-01.01	112005 111909 115504	12 1.1 12 1.1 12 1.1 A49
	[AVH]	01.02-01.03-01.02-01.03-01.02-01.03-	111353 111989 115482	14 70 14 90 14 90 A49		01.02-01.03 01.02-01.03	112005 111909 115504	12 1.1 12 1.1 12 1.1 A49
	[AZG]	01.02-01.02-01.02-01.02-01.02-	111353 111989 115482	14 70 14 90 14 90 A49		01.02-01.02 01.02-01.02	111909 112005 115504	12 1.1 12 1.1 12 1.1 A49
Jetta 2.0 GLS	[ABA]	01.93-01.98-01.93-01.98-01.93-01.98-01.94-01.99-01.99-	111352 111477 111479 111353 112402	14 70 14 90 14 90 14 70 14 120		01.99-01.99 01.94-01.99	112005 111748	12 1.1 12 1.1
	[AEG]	01.99-01.00-01.99-	111353 112402	14 70 14 120		01.99-01.00	112005	12 1.1
Jetta 2.0 GT	[ABA]	01.97-01.98-01.97-01.98-01.97-01.98-01.97-01.98-	111352 111353 111477 111479	14 70 14 70 14 90 14 90		01.97-01.98	111748	12 1.1
Jetta 2.0 JAZZ	[ABA]	01.97-01.97-01.97-01.97-01.97-	111352 111353 111477 111479	14 70 14 70 14 90 14 90		01.97-01.97	111748	12 1.1
Jetta 2.0 K2	[ABA]	01.98-01.98-01.98-01.98-01.98-	111352 111353 111477 111479	14 70 14 70 14 90 14 90		01.98-01.98	111748	12 1.1
Jetta 2.0 Trek	[ABA]	01.96-01.96-01.96-01.96-01.96-	111352 111353 111477 111479	14 70 14 70 14 90 14 90		01.96-01.96	111748	12 1.1
Jetta 2.0 Trek II	[ABA]	01.97-01.97-01.97-01.97-01.97-	111352 111353 111477 111479	14 70 14 70 14 90 14 90		01.97-01.97	111748	12 1.1
Jetta 2.0 Wolfsburg Edition	[ABA]	01.96-01.96-01.96-01.96-01.96-	111352 111353 111477 111479	14 70 14 70 14 90 14 90		01.96-01.96	111748	12 1.1
Jetta 2.0 16V GLi	[9A]	01.90-01.92-	112750	14 90		01.90-01.92	112131	12 1.4
Jetta 2.0 16V GTX	[9A]	01.90-01.92-	112750	14 90		01.90-01.92	112131	12 1.4
Jetta 2.8 GLi	[BDF]	01.03-01.03-	111353 112075	14 70 14 70				
Jetta 2.8 GLS	[AFP]	01.99-01.02-01.99-01.02-01.99-01.02-	111353 112075 112402	14 70 14 70 14 120				
	[BDF]	01.02-01.02-01.02-01.02-	111353 112075 112402	14 70 14 70 14 120				
Jetta 2.8 GLX	[AFP]	01.99-01.02-01.99-01.02-01.99-01.02-	111353 112075 112402	14 70 14 70 14 120				
	[BDF]	01.02-01.02-01.02-01.02-	111353 112075 112402	14 70 14 70 14 120				
	[AAA]	01.94-01.99-01.94-01.98-01.99-01.99-01.99-	111353 111477 112075 112402	14 70 14 90 14 70 14 120		01.95-01.95	111060	12 1.7
Jetta IV 1.6		01.91-01.91-01.91-01.91-	111154 110913 111288	14 65 14 70 14 65		01.91-01.91	111060	12 1.7
Jetta IV 1.6 GL		01.92-01.92-01.92-	111288 110913	14 65 14 70		01.92-01.92	111060	12 1.7
Karmann Ghia 1.5	[H]					01.67-01.69	110363	12 0.7
Karmann Ghia 1.6	[AE]					01.71-01.73	110363	12 0.7
	[AH]					01.72-01.74	110363	12 0.7
	[AK]					01.73-01.74	110363	12 0.7
	[B]					01.70-01.70	110363	12 0.7
Passat 1.8 Super	[PG]	01.92-01.92-	111477 111479	14 90 14 90				
Passat 1.8 Super Syncro	[PG]	01.92-01.92-	111477 111479	14 90 14 90				
Passat 1.8 Turbo	[AUG]	01.00-01.01-	112399	14 90		01.00-01.01	112321	12 1.1
	[AEB]	01.99-01.99-01.99-	111478 112399	14 90 14 90		01.99-01.99	112321	12 1.1
	[ATW]	01.00-01.01-	112399	14 90		01.00-01.01	112321	12 1.1
	[AWM]	01.01-01.03-	112399	14 90		01.01-01.03	112321	12 1.1
Passat 1.8 Turbo GLS	[AEB]	01.98-01.98-	111478	14 90		01.98-01.98	112321	12 1.1

## STARTERS & ALTERNATORS

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Passat 1.9	[AAZ]	01.92- 01.94	111352	14 70	01.92- 01.94	111060	12 1.7
		01.92- 01.94	111353	14 70			
		01.92- 01.94	111477	14 90			
		01.92- 01.94	111479	14 90			
Passat 1.9 TDI	[1Z]	01.96- 01.96	111352	14 70	01.96- 01.96	111060	12 1.7
		01.96- 01.96	111353	14 70			
		01.96- 01.96	111477	14 90			
		01.96- 01.96	111479	14 90			
		01.96- 01.96	111988	14 120			
	[AHU]	01.97- 01.97	111352	14 70	01.97- 01.97	111900	12 1.8
		01.97- 01.97	111353	14 70			
		01.97- 01.97	111477	14 90			
		01.97- 01.97	111479	14 90			
		01.97- 01.97	111988	14 120			
Passat 2.0	[9A]	01.90- 01.92	112750	14 90	01.90- 01.92	112131	12 1.4
		01.94-	111477	14 90			
Passat 2.0 CL	[9A]	01.92- 01.92	112750	14 90	01.92- 01.92	111748	12 1.1
Passat 2.0 GL	[9A]	01.90- 01.93	112750	14 90	01.90- 01.93	112131	12 1.4
Passat 2.0 GLS	[ABA]	01.95- 01.96	111477	14 90	01.96- 01.96	111748	12 1.1
Passat 2.8	[AHA]	01.99- 01.99	112399	14 90	01.99- 01.99	112309	12 1.4
		01.99- 01.99	112806	14 120			
	[ATQ]	01.00- 01.02	112399	14 90	01.00- 01.02	111769	12 1.4
Passat 2.8 4 Motion	[ATO]	01.01- 01.02	112399	14 90	01.01- 01.02	111769	12 1.4
Passat 2.8 GLS	[AHA]	01.98- 01.98	112806	14 120	01.98- 01.98	112309	12 1.4
		01.93- 01.93	111353	14 70			
	[AAA]	01.93- 01.93	111477	14 90	01.93- 01.93	111060	12 1.7
Passat 2.8 GLX	[AHA]	01.98- 01.98	112806	14 120	01.98- 01.98	112309	12 1.4
		01.93- 01.97	111353	14 70			
	[AAA]	01.93- 01.97	111477	14 90	01.93- 01.97	111060	12 1.7
Passat 2.8 VR6 GLX	[AAA]	01.95- 01.95	111477	14 90	01.95- 01.95	111060	12 1.7
Quantum 1.6 Turbo DLX	[CY]	01.82- 01.83	111035	14 65			
Quantum 1.7 Custom	[WT]	01.82- 01.83	110913	14 70	01.82- 01.83	111058	12 0.8
		01.82- 01.83	111139	14 75			
Quantum 1.7 DLX	[WT]	01.82- 01.83	110913	14 70	01.82- 01.83	110865	12 0.95
		01.82- 01.83	111139	14 75			
Quantum 1.8	[JN]	01.85-	110919	14 70			
Quantum 1.8 GL Custom	[JN]	01.84-	110919	14 70			
Quantum 1.8 GL Deluxe	[JN]	01.84-	110919	14 70			
Quantum 2.2	[KM]				01.85- 01.85	111010	12 1.4
Quantum 2.2 Custom	[KX]	01.85- 01.87	112729	14 90	01.85- 01.87	111010	12 1.4
		01.83- 01.83	111139	14 75			
Quantum 2.2 GL	[KX]	01.88- 01.88	112729	14 90	01.88- 01.88	111010	12 1.4
Quantum 2.2 GL Custom	[KM]	01.84- 01.85	111139	14 75	01.84- 01.85	111010	12 1.4
		01.85- 01.87	112729	14 90			
	[WE]	01.84-	111139	14 75	01.85- 01.87	111010	12 1.4
Quantum 2.2 GL Deluxe	[KM]	01.84- 01.84	111139	14 75	01.84- 01.84	111010	12 1.4
		01.84-	111139	14 75			
Quantum 2.2 Syncro	[JT]	01.86- 01.87	112729	14 90	01.86- 01.87	111010	12 1.4
		01.88- 01.88	112729	14 90			
	[KX]	01.88- 01.88	111010	14 70	01.88- 01.88	111010	12 1.4
Rabbit 1.5	[EH]	01.79- 01.80	110913	14 70	01.79- 01.80	110864	12 0.7
		01.75- 01.75	110360	14 45			
	[FC]	01.75- 01.75	110913	14 70	01.75- 01.75	110864	12 0.7
	[FG]	01.75- 01.75	110360	14 45	01.75- 01.75	110864	12 0.7
		01.75- 01.75	110913	14 70			
[FX]	01.78- 01.80	110913	14 70	01.80- 01.80	110864	12 0.7	
Rabbit 1.5	[CK]	01.77- 01.80	110360	14 45	01.77- 01.80	110360	14 45
		01.77- 01.80	110913	14 70			
	[EE]	01.77- 01.77	110913	14 70	01.77- 01.77	110864	12 0.7
Rabbit 1.6	[EJ]	01.80- 01.80	110913	14 70	01.80- 01.80	110864	12 0.7
		01.76- 01.76	110360	14 45			
	[FN]	01.76- 01.76	110913	14 70	01.76- 01.76	110864	12 0.7
Rabbit 1.6	[CR]	01.81- 01.83	110913	14 70	01.81- 01.83	110913	14 70
		01.81- 01.83	111035	14 65			
	[JK]	01.83-	110913	14 70			
Rabbit 1.6 GL DLX	[CR]	01.83-	110913	14 70	01.83-	111035	14 65
		01.83-	111035	14 65			
	[JK]	01.83-	110913	14 70			
Rabbit 1.6 L	[CR]	01.83- 01.83	110913	14 70	01.83- 01.83	111035	14 65
		01.83- 01.84	110913	14 70			
	[JK]	01.83- 01.84	111035	14 65	01.84- 01.84	111060	12 1.7
Rabbit 1.6 L Custom	[CR]	01.81- 01.82	110913	14 70	01.81- 01.82	111035	14 65
		01.81- 01.82	111035	14 65			
	[JK]	01.83-	110913	14 70			
Rabbit 1.6 LS Custom	[CR]	01.83- 01.83	110913	14 70	01.83- 01.83	111035	14 65
		01.83- 01.83	111035	14 65			
	[JK]	01.83-	110913	14 70			
Rabbit 1.6 LS Deluxe	[CR]	01.81- 01.82	110913	14 70	01.81- 01.82	111035	14 65
		01.81- 01.82	111035	14 65			
	[JK]	01.83-	110913	14 70			
Rabbit 1.7	[EN]	08.80- 01.81	111653	14 45	01.81- 01.83	110864	12 0.7
		01.81- 01.83	110913	14 70			
	[JF]	01.82-	110913	14 70			
Rabbit 1.7 GL DLX	[EN]	08.80- 01.81	111653	14 45	01.83- 01.83	110864	12 0.7
		01.83- 01.83	110913	14 70			
	[JF]	08.80- 01.81	111653	14 45			
Rabbit 1.7 L	[EN]	08.80- 01.81	111653	14 45	01.84- 01.84	110864	12 0.7
		01.84- 01.84	110913	14 70			
	[JF]	08.80- 01.81	111653	14 45	01.83- 01.84	110864	12 0.7
Rabbit 1.7 L Custom	[EN]	08.80- 01.81	111653	14 45	01.82-	110864	12 0.7
		01.82-	110913	14 70			
	[JF]	08.80- 01.81	111653	14 45			

## STARTERS & ALTERNATORS



	[JF]	01.82-	110913	14 70					
Rabbit 1.7 LS Custom	[EN]	08.80- 01.81	111653	14 45		01.83- 01.83	110864	12 0.7	
		01.83- 01.83	110913	14 70					
	[JF]	08.80- 01.81	111653	14 45					
Rabbit 1.7 LS Deluxe		01.83-	110913	14 70					
	[EN]	08.80- 01.81	111653	14 45		01.82-	110864	12 0.7	
		01.82-	110913	14 70					
Rabbit 1.7 GTi Sport	[JF]	01.82-	110913	14 70					
Rabbit 1.8	[EN]	01.83-	110913	14 70					
	[JH]	01.83- 01.83	110913	14 70					
		01.84- 01.84	110919	14 70					
Rabbit 1.8 GTi Sport	[JH]	01.83- 01.84	110913	14 70					
Scirocco 1.5	[EH]	01.78-	110913	14 70					
	[FC]	01.75- 01.75	110360	14 45		01.75- 01.75	110864	12 0.7	
		01.75- 01.75	110913	14 70					
	[FG]	01.75- 01.75	110360	14 45		01.75- 01.75	110864	12 0.7	
Scirocco 1.6		01.75- 01.75	110913	14 70					
	[EE]	01.77- 01.77	110913	14 70		01.77- 01.77	110864	12 0.7	
	[EJ]	01.79- 01.80	110913	14 70		01.79- 01.80	110864	12 0.7	
	[FN]	01.76- 01.76	110360	14 45		01.76- 01.76	110864	12 0.7	
		01.76- 01.76	110913	14 70					
Scirocco 1.7 DLX	[EN]	01.81- 01.83	110913	14 70		01.81- 01.83	110864	12 0.7	
Scirocco 1.8	[JH]	01.88- 01.88	112149	14 65		01.88- 01.88	111059	12 0.9	
		01.88- 01.88	112729	14 90		01.88- 01.88	110864	12 0.7	
Scirocco 1.8 DLX	[JH]	01.83- 01.83	110913	14 70		01.84- 01.87	111059	12 0.9	
		01.84- 01.85	110919	14 70		01.83- 01.87	110864	12 0.7	
		01.86- 01.87	112149	14 65					
		01.86- 01.87	112729	14 90					
Scirocco 1.8 16V	[PL]	01.87- 01.88	112149	14 65		01.87- 01.88	110864	12 0.7	
		01.87- 01.88	112729	14 90		01.87- 01.88	111059	12 0.9	
Squareback 1.6	[P]					01.68- 01.73	110363	12 0.7	
	[T]					01.67- 01.73	110363	12 0.7	
	[U]					01.68- 01.73	110363	12 0.7	
	[X]					01.72- 01.73	110363	12 0.7	
Super Beetle 1.6	[AE]					01.71- 01.73	110363	12 0.7	
	[AH]					01.73- 01.74	110363	12 0.7	
	[AJ]					01.75- 01.79	110363	12 0.7	
	[AK]					01.73- 01.74	110363	12 0.7	
						01.67- 01.67	110363	12 0.7	
Transporter 1.5	[H]					01.63- 01.66	110363	12 0.7	
Transporter 1.6	[AD]					01.71- 01.71	110363	12 0.7	
	[AE]					01.71- 01.71	110363	12 0.7	
	[AF]					01.71- 01.71	110363	12 0.7	
	[B]					01.69- 01.70	110363	12 0.7	
	[C]					01.69- 01.70	110363	12 0.7	
						01.71- 01.71	110363	12 0.7	
Transporter 1.6 211	[AD]					01.71- 01.71	110363	12 0.7	
	[AE]					01.71- 01.71	110363	12 0.7	
	[AF]					01.71- 01.71	110363	12 0.7	
Transporter 1.6 215	[AD]					01.71- 01.71	110363	12 0.7	
	[AE]					01.71- 01.71	110363	12 0.7	
	[AF]					01.71- 01.71	110363	12 0.7	
Transporter 1.6 261	[AD]					01.71- 01.71	110363	12 0.7	
	[AE]					01.71- 01.71	110363	12 0.7	
	[AF]					01.71- 01.71	110363	12 0.7	
Transporter 1.6 265	[AD]					01.71- 01.71	110363	12 0.7	
	[AE]					01.71- 01.71	110363	12 0.7	
	[AF]					01.71- 01.71	110363	12 0.7	
Transporter 1.7	[CA]					01.72- 01.73	110363	12 0.7	
	[CB]					01.72- 01.73	110363	12 0.7	
	[CD]					01.73- 01.73	110363	12 0.7	
	[CE]					01.73- 01.73	110363	12 0.7	
Transporter 1.7 211	[CA]					01.72- 01.73	110363	12 0.7	
	[CB]					01.72- 01.73	110363	12 0.7	
	[CD]					01.73- 01.73	110363	12 0.7	
	[CE]					01.73- 01.73	110363	12 0.7	
Transporter 1.7 215	[CA]					01.72- 01.73	110363	12 0.7	
	[CB]					01.72- 01.73	110363	12 0.7	
	[CD]					01.73- 01.73	110363	12 0.7	
	[CE]					01.73- 01.73	110363	12 0.7	
Transporter 1.8	[AP]					01.74- 01.75	110363	12 0.7	
	[AW]					01.74- 01.74	110363	12 0.7	
	[ED]					01.74- 01.75	110363	12 0.7	
Transporter 1.8 211	[AP]					01.74- 01.74	110363	12 0.7	
	[AW]					01.74- 01.74	110363	12 0.7	
	[ED]					01.74- 01.74	110363	12 0.7	
Transporter 2.0	[CJ]					01.76- 01.79	110858	12 0.7	
	[GD]					01.76- 01.77	110858	12 0.7	
	[GE]					01.78- 01.79	110858	12 0.7	
Transporter 2.1	[MV]	01.86- 01.91	112729	14 90					
Transporter 2.5	[AAF]	01.93- 01.93	111353	14 70		01.93- 01.93	111060	12 1.7	
		01.93- 01.93	111477	14 90					
Vanagon 1.6	[CS]	01.82- 01.83	110913	14 70		01.82- 01.83	111069	12 1.7	
Vanagon 1.6 Campmobile	[CS]	01.82- 01.83	110913	14 70		01.82- 01.83	111069	12 1.7	
Vanagon 2.0	[CV]					01.80- 01.80	110858	12 0.7	
Vanagon 2.0 Campmobile	[CV]					01.80- 01.80	110858	12 0.7	
Vanagon 2.1	[MV]	01.86- 01.91	112729	14 90					
Vanagon 2.1 Campmobile	[MV]	01.86- 01.91	112729	14 90					
Vanagon 2.1 Syncro	[MV]	01.86- 01.91	112729	14 90					
<b>PASSENGER CARS AO</b>									
Bora 1.8 4 Motion	[ARX]	10.00- 05.01	111989	14 90					
		10.00- 05.01	115482	14 90	A49				
Fox 1.0 Alcohol	[BNX]	10.03-	111989	14 90					
		10.03- 04.05	115482	14 90	A49				
Fox 1.6	[BAH]	10.03-	111989	14 90					
		10.03- 10.04	115482	14 90	A49				
Golf I 1.6 TD CL						08.83- 07.92	111059	12 0.9	

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Application list

**VW Continued**

Golf II 1.6 TD CL					08.83- 07.92	111059	12	0.9
Golf III 2.0	[AEP]				08.95- 04.96	111909	12	1.1
					01.95- 12.97	115504	12	1.1 A49
Golf III 2.0 GL	[AEP]				08.95- 09.97	111909	12	1.1
					01.95- 12.97	115504	12	1.1 A49
Golf III 2.8 VR6	[AAA]				08.95- 09.97	114160	12	1.8
Golf IV 1.9 TDi	[ARL]	06.01-	112002	14	120	A47		
		06.01-	112079	14	90	A47		
		06.01-	113340	14	70			
		06.01-	114789	14	90	A49		
		06.01-	115483	14	120	A49		
Golf V 2.0	[BWA]				06.07-	113773	12	1.1
Jetta 1.8 Syncro	[RH]				07.87- 10.91	111059	12	0.9
LT 28-35 2.8 TDi	[AGK]				02.97- 12.98	114304	12	2.3
	[BCO]				05.01- 06.06	114304	12	2.3
Multivan 3.2 4 Motion	[BDL]	11.03- 06.06	112002	14	120	A47		
		11.03- 06.06	115483	14	120	A49		
Passat 1.8	[KR]				08.91- 09.93	111909	12	1.1
					08.91- 09.93	115504	12	1.1 A49
Passat 1.8 GL	[KR]				08.91- 09.93	111909	12	1.1
					08.91- 09.93	115504	12	1.1 A49
Passat 1.8 T	[AWM]				05.02- 08.05	112321	12	1.1
					05.02- 08.05	114179	12	1.2
Polo 1.8 GTi Cup Edition	[BBU]	05.06-	111989	14	90			
		05.06-	112002	14	120			
		05.06-	115482	14	90	A49		
		05.06-	115483	14	120	A49		
Polo 2.0	[BBX]	09.02-	112002	14	120	A47		
		09.02-	115483	14	120	A49		
Polo Classic 1.4					12.95-	112307	12	1.1
Polo Classic 1.9 Diesel					01.96- 10.96	112286	12	1.7
Santana 1.8	[DS]	08.84- 07.94	110911	14	55			
		08.84- 07.94	110919	14	70			
		08.84- 07.94	112149	14	65			
		08.84- 07.94	112729	14	90			
Santana 1.8 GL	[DSN]	08.85-	112149	14	65			
Transporter 2.5 TDi T5	[BLJ]	11.03-	113947	14	180			
					11.03-	113678	12	2.2
					11.03-	115507	12	2.2 A49
Transporter 2.8 T4	[AES]				AT 05.96- 05.00	113387	12	2.0
					05.96- 05.00	111060	12	1.7
					01.96- 04.97	112052	12	2.2
					05.96- 05.00	112286	12	1.7
Transporter 3.2 T5 4 Motion	[BDL]	11.03- 06.06	112002	14	120	A47		
		11.03- 06.06	114453	14	180			
		11.03- 06.06	115483	14	120	A49		
	[BKK]	11.03-	112002	14	120	A47		
		11.03-	114453	14	180			
		11.03-	115483	14	120	A49		
	[CFLA]	11.03-	112002	14	120	A47		
		11.03-	114453	14	180			
		11.03-	115483	14	120	A49		
Transporter 3.2 V6 T5 4 Motion	[BKK]	11.03-	112002	14	120	A47		
		11.03-	114453	14	180			
		11.03-	115483	14	120	A49		
	[CFLA]	11.03-	112002	14	120	A47		
		11.03-	114453	14	180			
		11.03-	115483	14	120	A49		
Vento 2.0 GL	[AEP]				05.96- 12.97	111909	12	1.1
					05.96- 12.97	115504	12	1.1 A49
<b>TRUCKS EU</b>								
7.100 4.3					03.94- 02.02	113346	12	0.8
8.100 4.3					03.97- 02.00	113346	12	0.8
8.140 4.3					03.94- 02.02	113346	12	0.8
<b>Weichai</b>								
<b>MARINE</b>								
WD615						114327	24	5.5
<b>MOTORS</b>								
WD615						114327	24	5.5
<b>Xichai-Fawd</b>								
<b>TRUCKS AO</b>								
Various models			114349	28	150			
<b>Yale</b>								
<b>FORK LIFTS</b>								
Various models 4.3	[GM Vortec]					115985	12	1.6
Various models	[DBFE]		111495	14	40		111005	12
	[DBHA]		111495	14	40		111273	12
	[FE]		111495	14	40			
	[HA]		111495	14	40		111273	12
	[XA]		111495	14	40		111273	12
						113985	12	2.7
						114394	12	2.2
						113172	12	2.0
						110182	12	0.9
<b>Yamaha</b>								
<b>MOTOR BIKES</b>								
Various models						111928	12	
						111917	12	
						113545	12	0.4
						113546	12	
						113547#	12	
XV700 0.7					01.84- 01.85	113540	12	
XV750 0.7					01.81- 01.83	113540	12	
XV920 0.9					01.81- 01.83	113540	12	
YFM100 1.0					01.85- 01.92	111928	12	
YFM50 0.5 Raptor 50					01.04- 01.06	111928	12	
YFM80 0.8 Badger					01.86- 01.01	111928	12	



YFM80 0.8 Grizzly 80				01.05- 01.07	111928	12	
YFM80 0.8 Raptor 80				01.02- 01.06	111928	12	
<b>MARINE</b>							
115				01.84- 01.95	111766	12 1.1	
130				01.88- 01.96	111766	12 1.1	
150				01.85- 01.96	111766	12 1.1	
175				01.85- 01.96	111766	12 1.1	
200				01.84- 01.96	111766	12 1.1	
C 115				01.91- 01.96	111766	12 1.1	
C 150				01.96- 01.96	111766	12 1.1	
ESX1200				01.89- 01.99	112011	12 0.6	
EXT1100				01.96- 01.98	112011	12 0.6	
EXT1200				01.98- 01.99	112011	12 0.6	
F 50				01.96- 01.02	111766	12 1.1	
F40				01.99- 01.99	111766	12 1.1	
FX700 0.7				01.94- 01.95	111917	12	
GPT200 1.2				01.97- 01.02	112011	12 0.6	
GP1300 1.3				01.03- 01.05	112011	12 0.6	
GP800 0.8				01.98- 01.05	112011	12 0.6	
L 130				01.89- 01.96	111766	12 1.1	
L 150				01.86- 01.96	111766	12 1.1	
L 200				01.86- 01.96	111766	12 1.1	
LST1200				01.99- 01.05	112011	12 0.6	
P 115				01.93- 01.96	111766	12 1.1	
P 150				01.91- 01.96	111766	12 1.1	
P 175				01.94- 01.96	111766	12 1.1	
RA1100 1.1				01.95- 01.96	112011	12 0.6	
RA700 0.7				01.94- 01.97	111917	12	
S 115				01.96- 01.96	111766	12 1.1	
S 130				01.96- 01.96	111766	12 1.1	
S 150				01.96- 01.96	111766	12 1.1	
S 175				01.96- 01.96	111766	12 1.1	
S 200				01.96- 01.96	111766	12 1.1	
SJ650 0.65				01.90- 01.93	111917	12	
SJ700 0.7				01.94- 01.05	111917	12	
SUV1200 1.2				01.99- 01.04	112011	12 0.6	
T 50				01.96- 01.02	111766	12 1.1	
Various Types				01.91-	114687	12	
WB700 0.7				01.93- 01.96	111917	12	
WRA650 0.65				01.90- 01.96	111917	12	
WRA700 0.7				01.94- 01.97	111917	12	
WVT1100 1.1				01.96- 01.97	112011	12 0.6	
WVT700 0.7				01.95- 01.98	111917	12	
XL1200 1.2				01.98- 01.00	112011	12 0.6	
XL700 0.7				01.99- 01.04	111917	12	
XL800 0.8				01.00- 01.01	112011	12 0.6	
XLT1200 1.2				01.01- 01.05	112011	12 0.6	
XLT800 0.8				01.02- 01.04	112011	12 0.6	
XRT1200				01.00- 01.01	112011	12 0.6	
<b>Yanmar</b>							
<b>AGRICULTURE</b>							
Cub Cadet SC2400 0.9	[Yanmar]				116016	12 1.2	
Various models	[2TR16, 2TR19]				115981	12 2.5	
	[Perkins]				115991	12 1.2	
YM1300	[2T73]			01.77-	113680	12 0.9	
	[2TR13]				112674	12 1.3	
YM1500	[2TR13]				112674	12 1.3	
<b>FORK LIFTS</b>							
4DE94E	[4TNE94]	114209	14 60				
<b>MARINE</b>							
1GM				01.80-	111706	12 1.0	
2GM		113793	14 55		111706	12 1.0	
2T80L	[2T80L]				113924	12 1.4	
3GM		113793	14 55		111706	12 1.0	
3JH					113408	12 1.4	
3T84C	[3T84C]				113924	12 1.4	
3TN66				10.95- 01.98	112373	12 0.9	
3TN68				10.95- 01.98	112373	12 0.9	
4JH		113793	14 55		113408	12 1.4	
					113924	12 1.4	
					110485	12 1.4	
4LH		112375	14 80		112374	12 2.5	
		113793	14 55				
6LP				01.97-	113715	14 80	
Various models 1.4	[F115TJR]	112112	14 70		01.85- 01.96	111766	12 1.1
					01.97-	113207	12 2.8
					01.97-	113207	12 2.8
Various models	[2QM15]					112674	12 1.3
	[2T73]					112674	12 1.3
	[2TM15]					112674	12 1.3
	[QM15]					112674	12 1.3
						112674	12 1.3
<b>INDUSTRY</b>							
4TNE106 Diesel	[4TNE106]				114098	12 3.0	
<b>MOTORS</b>							
486	[TK 4.86]	113716	14 120				
2TN66E 3TNA72		01.91- 12.05	110620	14 35		114739	12 0.8
						110485	12 1.4
					01.91- 12.05	112291	12 0.9
4TNV98	[4TNV98]					114874	12 3.0
4TNV98T	[4TNV98T]					114874	12 3.0
GA220 - GA340						112478	12 0.8 GR
Various models	[2QM20]	112112	14 70				
	[3T-7A-7]				01.84-	111087	12 1.0
	[3TNV82]				01.05-	114281	12 1.7

## STARTERS & ALTERNATORS

O. E. M. names and numbers are used for reference purposes only.





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	[4TNE84]		113742	14	40	01.98-	112676	12	2.2	
							113690	12	1.0	DD
							112478	12	0.8	GR
Various models	[3T72]						110417	12	1.3	
	[3TG66]		112671	14	60					
			112672							
			113401	14	40					
	[3TG72]		112671	14	60					
			113401	14	40					
	[3TNA72]						110417	12	1.3	
							113680	12	0.9	
	[3TNA75]						110417	12	1.3	
	[4TNE94]		114209	14	60					
	[4TNE98]					01.96-	112672	12	3.0	
			112669	14	80		112296	12	1.0	
							112371	12	2.2	
<b>Zastava</b>										
<b>PASSENGER CARS EU</b>										
101 1.1	[128A.000]	06.73- 01.90	111180	14	33	06.73- 01.90	110338	12	0.8	
101 1.1 1100	[128A.064]	05.75- 12.93	111180	14	33	05.75- 12.93	110338	12	0.8	
101 1.1 Super	[128AC5000]	07.79- 09.81	111180	14	33	07.79- 09.81	110338	12	0.8	
101 1.3 1100	[128AR000]	01.79- 12.93	111180	14	33	10.81- 12.93	110338	12	0.8	
		07.89- 12.93	111035	14	65					
		07.89- 12.93	111148	14	65					
Yugo 0.9	[9A]	01.85- 06.92	111078	14	45					
Yugo 1.1 60 EFI	[100GL.064]	08.91- 12.93	111035	14	65					
	[11E1.064]	08.91- 12.93	111035	14	65					
Yugo 1.1 Florida	[138B.0000]	08.89- 12.93	111035	14	65					
Yugo 1.3	[13E.3.064]	03.91- 12.93	111035	14	65	03.91- 12.93	110338	12	0.8	
		03.91- 12.93	111148	14	65					
Yugo 1.3 65 EFI	[13E1.064]	08.91- 12.93	111035	14	65					
		08.91- 12.93	111148	14	65					
Yugo 1.4 Florida	[160A1.000]	10.88- 06.95	111035	14	65					
		10.88- 06.95	111148	14	65					
Yugo 1.6 Florida	[149A.000]	08.89- 12.93	111035	14	65					
		08.89- 12.93	111148	14	65					
<b>Zetor</b>										
<b>AGRICULTURE</b>										
3320		01.92-	110621	14	55					
3321		01.97-	110621	14	55	01.97-	114254	12	2.7	GR
			112035	14	70	01.97-	110545	12	3.0	
3340		01.92-	110621	14	55	01.92-	114254	12	2.7	GR
						01.92-	110545	12	3.0	
3341		01.97-	110621	14	55	01.97-	114254	12	2.7	GR
			112035	14	70	01.97-	110545	12	3.0	
4320		01.92-	110621	14	55	01.92-	114254	12	2.7	GR
						01.92-	110545	12	3.0	
4321		01.97-	110621	14	55	01.97-	114254	12	2.7	GR
			112035	14	70	01.97-	110545	12	3.0	
4340		01.92-	110621	14	55	01.92-	114254	12	2.7	GR
						01.92-	110545	12	3.0	
4341		01.97-	110621	14	55	01.97-	114254	12	2.7	GR
			112035	14	70	01.97-	110545	12	3.0	
4718		01.74- 01.81	112098	14	65	01.74- 01.81	110545	12	3.0	
						01.74- 01.81	114254	12	2.7	GR
5011		01.81- 01.85	112098	14	65	01.81- 01.85	114254	12	2.7	GR
						01.80- 01.84	110545	12	3.0	
5211		01.91-	110621	14	55					
5245		01.91-	110621	14	55					
5320		01.92-	110621	14	55	01.92-	114254	12	2.7	GR
						01.92-	110545	12	3.0	
5321		01.97-	110621	14	55	01.97-	114254	12	2.7	GR
			112035	14	70	01.97-	110545	12	3.0	
5340		01.92-	110621	14	55	01.92-	114254	12	2.7	GR
						01.92-	110545	12	3.0	
5341		01.97-	110621	14	55	01.97-	110545	12	3.0	
			112035	14	70	01.97-	114254	12	2.7	GR
6211		01.91-	110621	14	55					
6245		01.91-	110621	14	55					
6320		01.92-	110621	14	55	01.92-	110545	12	3.0	
						01.92-	114254	12	2.7	GR
6321		01.97-	110621	14	55	01.97-	110545	12	3.0	
			112035	14	70	01.97-	114254	12	2.7	GR
6340		01.92-	110621	14	55	01.92-	110545	12	3.0	
						01.92-	114254	12	2.7	GR
6341		01.97-	110621	14	55	01.97-	110545	12	3.0	
			112035	14	70	01.97-	114254	12	2.7	GR
7211		01.91-	110621	14	55					
7245 3.6		01.91-	110621	14	55	01.84- 01.91	110545	12	3.0	
						01.84- 01.03	114254	12	2.7	GR
7320		01.92-	110621	14	55	01.92-	110545	12	3.0	
			112035	14	70	01.92-	114254	12	2.7	GR
7321		01.97-	110621	14	55	01.92-	110545	12	3.0	
			112035	14	70	01.97-	114254	12	2.7	GR
7340		01.92-	110621	14	55	01.92-	110545	12	3.0	
		01.92-	112035	14	70	01.92-	114254	12	2.7	GR
7341		01.97-	110621	14	55	01.97-	110545	12	3.0	
			112035	14	70	01.97-	114254	12	2.7	GR
7520		01.91- 01.98	110621	14	55					
		01.91-	112035	14	70					
7540		01.91- 01.98	110621	14	55					
		01.91-	112035	14	70					
7711		01.91-	110621	14	55					
7745 3.9		01.91-	110621	14	55	01.88- 01.03	110545	12	3.0	
						01.86- 01.90	114254	12	2.7	GR
8111						01.75- 01.80	110551	12	3.0	

## STARTERS & ALTERNATORS



8145				01.75- 01.80	110551	12	3.0
8245				01.75- 01.80	110551	12	3.0
8520		01.97-	110621	14	55		
			112035	14	70		
8540		01.97-	110621	14	55		
			112035	14	70		
9211 4.2				01.75- 01.80	110551	12	3.0
9245 4.2				01.75- 01.80	110551	12	3.0
9520		01.91- 01.00	110621	14	55		
			112035	14	70		
9540		01.91- 01.00	110621	14	55		
			112035	14	70		
10011				06.75- 01.80	110551	12	3.0
10045				06.75- 01.80	110551	12	3.0
10111				06.73- 01.80	110551	12	3.0
10145 4.6				01.75- 01.80	110551	12	3.0
10211				06.75- 01.80	110551	12	3.0
10245				01.75- 01.80	110551	12	3.0
10540		01.95-	110621	14	55		
			112035	14	70		
Various models			110621	14	55		
<b>ZIL</b>							
<b>TRUCKS EU</b>							
5301 4.7		[D245.12]		06.96-	113356	24	3.5
<b>ZTS Tees</b>							
<b>INDUSTRY</b>							
Various models			110621	14	55		

# STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



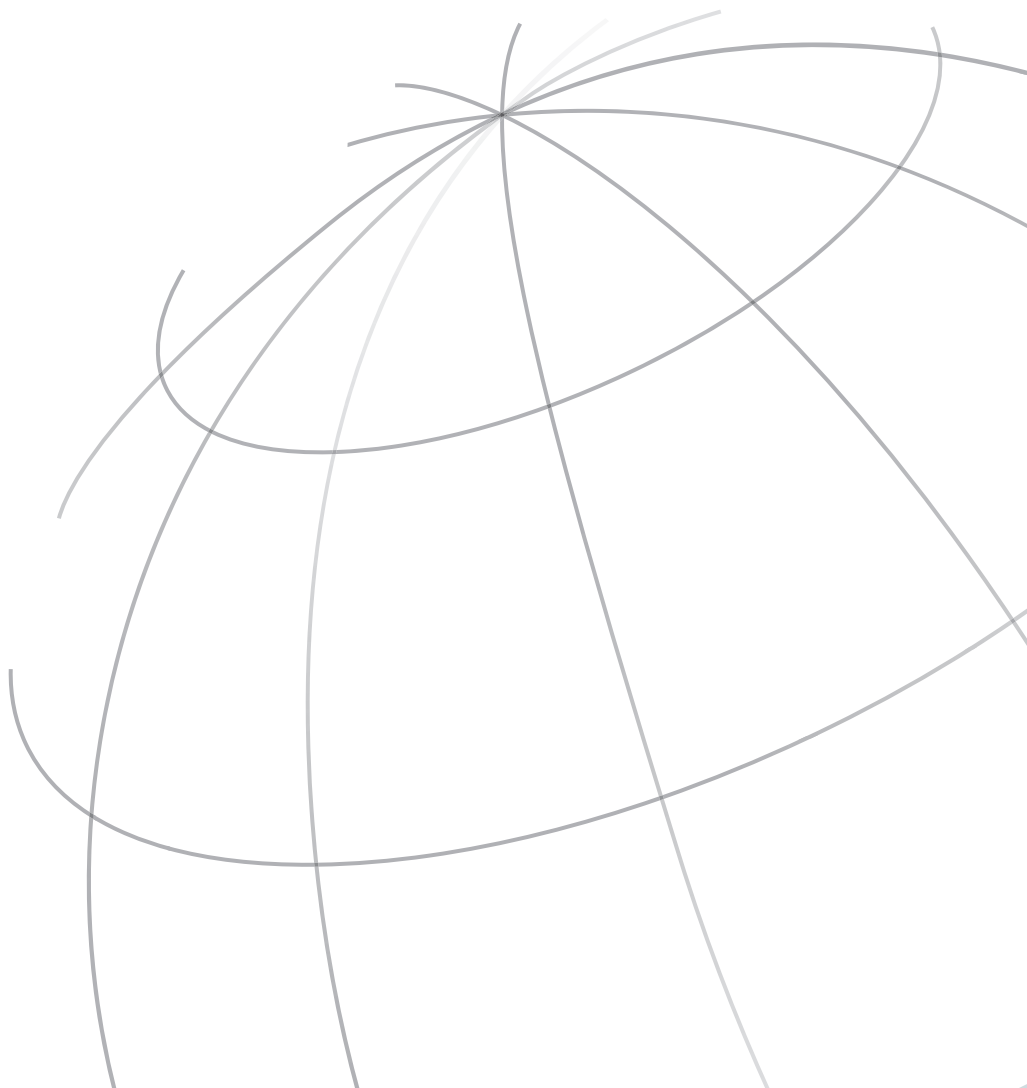


## Cross reference list

OE no. - HC-CARGO no.

Edition 2017-2019

ISO 9001  
BUREAU VERITAS  
Certification



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>AGRI</b>		10331	111065	10599	112052	10962	112116
130652	110536	10331	112440	10601	112131	10971	113701
36795	112565	10335	110530	10604	110545	10972	110840
36914	112566	10336	110465	10607	113465	10973	112436
51750	111649	10337	112251	10608	113466	10974	111900
		10338	112541	10610	113346	10976	113674
<b>AD KÜHNER</b>		10339	110465	10611	112454	10977	112251
1018	111102	10341	112290	10612	112321	10981	111420
1019	111103	10342	111070	10613	112290	10982	112459
1062	110363	10344	110365	10614	112131	10983	111231
1066	110364	10345	113380	10617	110981	10984	113446
1076	110772	10347	111112	10618	111748	10986	111680
1081	110869	10350	112537	10619	111749	10987	110818
1083	110997	10353	111114	10620	112166	10988	111904
1090	110365	10354	112295	10623	112136	10989	111399
1091	110338	10355	111068	10624	111694	10991	111404
1094	110856	10356	110844	10680	112818	10993	111398
1095	110367	10358	111069	10681	111251	10994	111346
1097	110527	10360	111851	10683	113847	10995	111304
1098	110214	10361	111115	10684	112295	10996	110530
1099	110205	10368	111118	10688	111231	10997	110440
3037	112098	10370	113134	10689	111693	20300	110142
3045	111180	10371	111025	10693	110443	20302	110144
3050	110877	10372	110847	10694	110449	20303	110277
3062	112098	10373	111070	10695	110450	20304	110278
9019	111225	10374	111619	10699	110980	20305	110279
9050	110482	10377	111400	10700	110566	20306	110280
9052	110483	10378	112533	10701	110459	20311	110249
9058	110484	10383	110534	10703	110615	20319	110312
10103	110536	10384	110535	10703	111737	20325	110149
10106	112660	10386	111120	10704	110640	20329	110256
10109	110439	10388	111637	10705	110818	20330	110421
10113	110775	10389	111489	10706	111755	20335	110152
10114	110536	10390	110584	10710	110208	20336	110154
10115	110858	10391	111638	10713	112286	20340	110156
10120	110524	10394	110518	10714	111030	20342	110158
10121	110212	10395	111755	10715	113443	20343	110155
10126	111100	10398	113467	10716	110368	20344	110809
10129	110793	10500	115540	10718	111001	20349	110158
10139	110352	10501	113464	10719	112235	20350	110158
10140	111054	10502	110582	10724	113910	20357	110323
10142	111068	10503	111752	10725	112309	20359	110386
10162	111055	10506	110208	10726	112132	20365	110389
10181	110831	10510	113846	10783	111047	20379	110386
10186	110525	10511	112135	10784	113481	20380	110394
10188	110368	10514	112455	10788	113750	20382	110396
10191	110206	10515	112172	10789	112286	20383	110396
10194	110512	10516	114118	10790	112235	20385	110397
10195	110531	10518	111122	10792	112553	20387	110402
10198	110206	10519	111123	10795	113381	20392	110708
10200	110462	10524	111125	10796	111422	20394	111475
10201	110565	10526	110213	10798	111214	20396	110479
10231	110517	10530	110523	10799	110551	20512	111310
10240	110529	10535	111127	10801	113387	20517	111805
10269	111640	10542	111029	10804	111004	20521	110473
10272	110996	10546	110209	10805	111003	20522	110719
10276	110864	10548	111694	10807	111015	20525	110709
10282	111010	10550	111332	10808	111097	20539	110575
10285	112289	10554	111421	10879	111848	20540	111558
10289	110812	10561	111214	10880	112307	20552	111683
10290	110839	10562	111030	10881	112119	20557	111182
10292	111489	10564	110532	10883	112124	20560	110713
10293	111058	10565	110533	10885	112053	20568	114318
10295	111060	10566	111130	10886	111508	20628	110811
10297	110865	10569	112321	10887	112555	20630	111561
10298	111061	10572	110813	10889	112267	20632	111544
10310	110585	10575	112295	10944	110545	20633	110807
10311	110838	10576	113389	10946	110442	20639	111559
10313	110996	10581	110584	10947	110444	20640	110808
10315	110367	10584	110854	10948	110460	20642	111387
10317	111063	10587	111865	10949	110464	20643	110958
10322	110839	10588	113745	10951	110537	20645	111442
10324	110840	10589	111865	10954	111219	20648	112214
10325	110867	10590	110441	10955	111218	20650	111445
10326	110587	10592	111131	10956	111217	20651	111136
10327	111347	10594	114460	10957	113705	20657	111548
10328	110842	10595	113468	10958	113705	20660	110574
10329	111269	10597	112306	10960	111906	20666	110581
10330	111030	10598	112167	10961	111374	20669	110411

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
20670	111451	30292	110542	101031	110539	101202	112440
20671	111552	30709	111686	101032	110819	101203	112441
20672	111303	30721	111331	101034	110932	101203	115505
20673	110421	40100	110128	101035	111047	101204	112388
20674	110182	40118	110258	101036	111490	101205	112442
20675	110245	40121	110133	101037	113752	101206	112380
20676	110246	40130	110137	101038	111585	101206	115951
20678	111299	40140	110250	101040	110214	101207	112475
20728	110415	40144	110248	101041	111817	101209	112444
20729	110417	40193	114288	101042	111685	101210	111849
20730	110447	40676	111613	101044	111851	101212	112379
20731	113924	40777	111483	101045	113430	101213	112445
20733	110490	40872	111042	101047	112236	101241	114051
20734	110720	40982	111484	101048	111908	101242	113662
20735	110941	50916	110075	101049	111865	101243	112446
20736	110507	50922	110177	101050	111906	101245	112821
20737	110552	50926	110236	101053	111685	101245	115870
20739	110555	50927	110237	101057	111641	101246	113794
20739	114164	50928	110239	101058	112340	101248	113277
20741	113203	50932	110427	101059	111619	101249	113282
20745	110568	50949	110514	101060	113605	101252	113930
20746	110580	50954	110408	101061	111910	101253	113281
20748	110723	50956	110514	101062	111909	101254	113286
20751	110256	50960	111193	101062	115504	101255	114814
20753	111274	50969	110238	101063	111823	101256	113292
20754	111023	60628	110227	101065	112546	101257	113276
20755	110142	60647	110509	101067	111911	101258	111699
20758	111385	60810	110221	101069	111885	101260	113254
20759	111312	60811	111000	101070	112340	101264	113931
20760	111455	60812	110223	101071	111724	101265	113925
20764	110411	60813	110224	101073	112173	101266	114160
20766	111459	60814	110227	101074	111769	101267	113759
20769	111461	60816	110228	101075	111347	101268	112498
20770	111476	60817	110230	101077	111771	101269	113609
20772	111728	60818	112897	101106	111334	101271	113303
20774	111564	60821	110241	101107	112235	101273	113927
20776	110820	60822	110222	101109	112026	101274	112581
20777	111913	60823	110999	101111	111994	101275	113905
20778	111098	60824	110602	101112	114523	101276	113932
20779	111108	60827	110347	101112	115514	101279	113979
20780	111197	60828	112341	101114	111995	101280	113353
20890	111549	60830	110414	101115	112014	101281	112474
20892	111565	60832	110468	101117	111931	101282	113515
20895	110933	60833	110469	101118	111996	101283	113513
20896	110938	60835	110472	101119	112005	101285	114033
20897	110940	60837	110231	101123	111793	101286	113509
20901	111088	60838	110491	101125	114123	101287	112286
20903	110578	60839	110506	101126	112074	101288	114161
20904	110616	60840	110569	101129	112055	101289	114162
20905	110617	60842	111222	101130	112071	101290	115354
20906	110961	60843	111383	101130	112555	101292	112823
20907	111005	60844	110602	101160	112103	101292	115872
20908	111021	60845	112267	101161	112116	101293	113842
20909	111087	60848	110510	101162	112440	101293	115508
20910	110962	60851	110634	101165	112221	101294	114163
20912	111463	60852	110635	101169	112224	101322	114175
20913	111550	60856	111012	101171	113446	101323	113841
20915	110572	60857	111760	101173	111332	101324	114176
20916	111464	60858	111034	101174	112218	101325	113673
20918	111455	60859	111786	101175	112301	101325	115882
20923	111307	60860	110602	101176	113677	101327	116039
20924	111382	60862	110949	101177	111070	101328	114127
20925	113040	60863	110999	101178	115345	101329	113933
20929	110942	60864	111000	101179	113761	101330	114034
20930	110944	60866	111183	101180	114233	101331	112055
20931	111224	60867	111190	101181	112429	101332	113897
20932	110245	60868	111222	101182	112304	101333	113608
20933	111189	60869	110218	101183	111123	101334	113843
20939	111485	60870	110226	101184	112041	101335	113430
20941	111534	60871	111043	101185	111855	101336	113910
20942	111492	60872	110647	101186	115442	101337	114174
20999	111559	60873	110636	101187	112430	101338	114525
30112	110743	60876	110647	101188	112431	101339	114837
30115	110743	60877	110216	101192	112382	101340	114106
30118	111141	60967	111043	101193	112474	101341	113908
30120	110611	60968	111041	101197	112435	101341	116062
30180	110766	60969	111277	101198	112436	101342	113926
30184	110906	60970	112341	101200	112438	101343	111909
30283	110887	101030	110538	101201	112439	101344	113929

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>AD KÜHNER</b> <i>Continued</i>							
101345	114035	101452	114487	201233	113314	254066	114685
101346	113719	101453	114068	201234	113329	254068	112374
101346	115869	101454	114283	201235	113319	254070	111247
101347	113773	101455	113629	201236	113271	254072	112249
101348	113676	101456	115637	201239	110485	254075	113984
101348	115883	101457	115627	201295	113323	254076	113706
101376	112442	101458	114389	201296	114059	254089	110519
101377	113911	101459	113638	201298	113327	254090	114169
101378	114723	101460	114217	201299	113313	254091	113931
101379	113962	101461	115360	201301	113139	254096	112497
101380	113934	101463	113851	201303	112322	254097	112390
101381	111982	101463	115885	201304	113521	254098	111272
101382	113760	101464	113466	201305	115522	254100	114762
101383	112822	101465	114892	201306	114763	254101	114334
101383	115880	101466	114689	201307	114199	254103	111573
101384	113756	101467	115335	201308	114125	254108	112249
101385	114095	101467	116059	201310	114060	254111	111300
101386	113672	101468	115642	201311	113659	254116	111374
101386	115881	101469	115639	201314	113928	254117	113723
101387	114171	101470	115611	201317	113795	254118	112546
101388	113830	101473	114072	201319	115349	254120	114738
101388	115884	101487	115538	201320	115950	254123	114398
101389	113935	201000	110808	201321	113965	254124	114098
101391	114030	201004	111305	201349	113796	254129	114021
101392	114096	201005	111525	201350	113601	254133	114340
101393	114062	201006	111349	201351	113445	254136	112676
101394	114179	201007	111275	201352	113702	254137	112494
101395	114341	201009	111272	201354	113195	254138	113191
101396	114119	201010	111254	201355	113937	254141	115535
101397	114173	201011	111273	201356	112373	254142	113044
101398	114315	201014	110947	201358	114071	254143	113231
101399	113891	201016	113644	201359	114108	254144	111335
101400	113859	201021	111679	201360	114816	254145	114719
101401	115947	201022	111442	201361	115553	254147	114676
101402	113907	201023	113665	201362	114056	254148	114304
101403	113906	201024	113649	201363	114037	254149	114328
101405	113678	201080	111550	201364	115362	254150	116040
101406	114091	201087	110616	201365	113797	254151	112547
101407	113963	201088	111874	201366	111552	254155	114198
101408	114092	201089	112336	201367	115361	254156	113727
101409	115333	201090	113936	201368	115328	254157	112489
101410	114093	201091	111690	201369	114216	254160	113675
101411	114094	201094	111728	254001	112534	254163	113618
101412	114740	201095	111305	254002	113408	254165	114055
101413	114297	201096	111730	254003	112034	254166	114885
101414	114178	201098	114885	254005	112172	254167	111793
101415	114074	201100	111459	254006	114741	254169	114052
101416	114854	201102	111300	254007	112039	254171	110529
101417	113960	201103	111785	254008	110520	254172	110521
101418	115341	201104	111763	254009	114197	254178	114280
101419	115398	201105	111984	254010	113268	254179	112074
101420	114073	201135	112006	254013	113980	254180	113983
101421	113959	201136	111970	254015	114744	254182	114071
101422	113860	201139	111971	254016	112672	254184	112178
101423	114177	201140	111912	254016	116144	254185	113696
101424	114232	201144	113108	254017	115981	254189	113695
101425	114057	201145	111706	254019	113181	254190	112986
101426	113909	201146	112215	254020	114053	254191	112037
101427	115327	201147	112217	254022	110538	254191	112670
101428	114058	201149	113361	254028	114265	254193	113655
101430	115641	201150	112214	254030	113974	254194	113654
101431	114159	201152	111442	254031	114237	254195	113480
101433	114820	201153	112300	254033	112374	254196	114020
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101436	113819	201155	113938	254036	112478	254200	113237
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101439	113964	201158	112320	254039	114394	254203	111221
101440	114316	201159	112365	254041	113132	254204	114196
101441	114778	201214	111805	254042	113551	254205	114294
101442	114180	201215	110249	254044	114711	254209	113204
101444	114061	201218	112367	254048	112164	254213	114327
101445	114295	201219	112368	254050	112474	254214	113435
101446	114732	201220	112369	254051	112291	254216	112253
101448	114853	201221	112370	254053	112268	254219	112268
101449	114054	201223	114889	254055	114260	254222	114343
101449	115516	201224	113314	254056	112036	254224	113129
101450	114886	201226	113267	254057	114032	254228	112652
101451	114310	201227	113445	254062	113398	254229	112494
101451	115888	201231	113119	254065	111931	254230	111839

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
254231	110604	254419	115330	254621	116024	254908	115339
254234	113613	254420	113901	254625	116002	254911	112091
254236	112963	254422	114332	254626	111752	254917	110576
254238	112897	254429	112488	254627	112674	254919	115406
254239	112584	254430	115375	254628	115314	254920	113476
254246	112563	254437	113732	254633	115400	254928	110838
254249	113184	254439	111041	254639	113453	254929	114261
254252	114313	254445	113671	254641	114507	254935	111837
254253	113239	254449	113194	254642	114178	254937	111921
254254	114343	254457	114309	254644	114449	254938	111922
254258	114268	254458	111559	254645	111917	254939	111923
254259	113725	254461	114276	254645	116127	254941	111926
254263	114266	254463	110820	254646	114849	254942	111927
254265	114397	254464	112083	254647	115337	254943	111928
254267	114168	254465	113409	254648	115635	254944	113538
254270	113428	254471	114729	254649	110245	254945	112010
254271	114401	254472	114183	254650	113593	254948	113546
254272	115428	254475	113995	254653	110580	254949	113547
254273	113020	254476	112246	254655	114833	254950	114103
254275	116041	254477	113206	254657	114742	254951	114182
254277	114482	254478	112600	254662	112544	254952	114520
254278	113669	254479	113821	254681	114307	254956	113853
254279	112371	254481	114710	254690	115401	254957	112313
254284	113532	254482	113545	254696	114486	254958	112651
254285	114319	254483	114224	254698	114305	254959	111701
254286	114123	254484	114013	254699	114818	254960	113459
254291	114477	254488	114761	254709	111097	254963	111982
254294	115674	254489	113900	254710	111222	254969	112150
254296	114279	254491	115323	254714	113429	254970	112564
254300	112277	254492	112502	254718	115589	254971	112568
254301	114259	254495	110941	254725	115338	254972	113015
254303	110947	254497	114479	254734	113635	254973	113017
254305	114690	254500	112592	254735	115572	254974	114075
254307	114029	254504	113539	254736	111766	254977	113843
254308	114220	254510	113596	254745	160622	254988	115397
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254314	113207	254514	114299	254747	114760	254991	114393
254317	113905	254517	114444	254753	110536	254997	110573
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254321	110522	254521	113182	254758	115597	255000	114483
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254324	114437	254525	115468	254767	112173	255006	114674
254328	112120	254526	111683	254767	115472	255007	114501
254329	115968	254527	115420	254780	114745	255008	113120
254334	112342	254533	114001	254781	115599	255009	113116
254335	113024	254536	114170	254792	113821	255010	111764
254336	113205	254537	114818	254795	110818	255016	114282
254338	114526	254542	114308	254797	114746	255022	114326
254339	110485	254553	115559	254798	115588	255023	114686
254344	114185	254553	116054	254803	112163	255024	114376
254348	114693	254556	115376	254804	112905	255025	115325
254352	113642	254558	115336	254807	114226	255026	111041
254358	114107	254560	114264	254811	115997	255031	114223
254358	114388	254561	113663	254812	115998	255035	115322
254361	113435	254564	114659	254819	113172	255040	112475
254364	113478	254566	110212	254821	114275	255041	115571
254366	114195	254567	112171	254824	110412	255047	113630
254368	114695	254570	114402	254830	114527	255048	113821
254371	114069	254571	112312	254834	115616	255052	114320
254373	114775	254572	114267	254842	113242	255053	114675
254374	115312	254576	111020	254846	110998	255057	110436
254376	113897	254577	114474	254848	114742	255060	113924
254378	115778	254578	111836	254850	114443	255068	112846
254382	114050	254582	114239	254853	115570	255070	115334
254385	113171	254585	114478	254854	113169	255073	112145
254389	112169	254588	114395	254855	116085	255074	112440
254390	115974	254596	114819	254856	113570	255083	114003
254393	114764	254598	113797	254863	113269	255085	115448
254394	113977	254599	113459	254876	112243	255089	113211
254398	114446	254604	115402	254882	113392	255105	113484
254399	112232	254605	114692	254884	114676	255106	112830
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254401	115593	254607	112496	254893	111804	255121	116000
254401	115887	254609	114886	254895	110572	255125	115376
254402	113725	254611	114277	254899	114375	255126	112566
254409	114661	254615	115977	254900	112831	255129	113114
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254412	114105	254618	112900	254903	114823	255132	115729
254413	114878	254620	112646	254905	110485	255133	110626

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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>AD KÜHNER</b> <i>Continued</i>							
255136	112233	501211	110422	301196RI	111689	301403RI	112045
255139	112041	501213	111814	301197RI	111888	30140RI	111653
255143	115991	501215	113067	301198RI	111843	301433RI	112046
255150	113597	501619	111529	301201RI	112112	301434RI	112057
255163	112912	553060	112097	301202RI	113186	301436RI	112075
255165	114519	553474	112097	301204RI	111894	301438RI	112076
255168	115389	553774	112914	301206RI	111850	301439RI	112072
255171	114421	554316	116020	301207RI	111895	301441RI	112079
255177	112039	601025	110436	301208RI	111409	301442RI	112058
255178	115558	601026	110654	301217RI	112121	301443RI	112078
255185	114420	601027	110229	30121RI	110877	301444RI	112059
255191	115312	601028	111844	301220RI	111689	301445RI	113754
255203	114718	601029	112240	301223RI	113942	301446RI	112079
255206	112255	601240	111786	301224RI	112343	301446RI	114789
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255221	111332	754290	111919	301236RI	111833	301456RI	112189
255226	114333	301027RI	113632	301236RI	116063	301457RI	110497
255231	114886	301029RI	111754	301237RI	111842	301458RI	110577
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255238	114196	301031RI	111742	301242RI	112098	301460RI	110969
255242	112507	301031RI	115890	301247RI	113868	301461RI	110970
255243	115524	301034RI	112151	301248RI	113770	301466RI	110975
255251	114687	301035RI	112159	301249RI	111353	301467RI	110976
255254	111918	301036RI	112679	30124RI	110911	301468RI	110977
255255	113659	301038RI	112287	301253RI	112165	301469RI	111204
255259	114872	301039RI	112681	301257RI	111824	301470RI	112144
255259	115875	301043RI	113485	301258RI	111802	301471RI	112190
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255334	113672	301066RI	112689	301309RI	112679	301491RI	113489
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255341	113959	301070RI	111514	301316RI	112939	301494RI	112722
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255348	115736	301081RI	112539	301318RI	111756	301498RI	113405
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255369	116078	301086RI	112298	301336RI	111987	301504RI	112273
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255379	111765	301088RI	112557	301342RI	111967	301509RI	112460
255383	114480	301089RI	111988	301346RI	111355	301511RI	112075
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255424	110536	301139RI	111478	301384RI	110770	301545RI	113751
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401270	112054	301154RI	111505	301394RI	115483	30155RI	111834
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401409	112067	301157RI	111498	301396RI	111846	301567RI	114027
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401706	112583	301189RI	113939	301399RI	111991	301572RI	112458
401707	113235	301191RI	112021	30139RI	110913	301577RI	112415
401898	114358	301192RI	111397	301400RI	111947	301580RI	112413
401902	115786	301193RI	111295	301402RI	112043	301581RI	112416

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
301583RI	112467	301734RI	112384	301862RIV	113722	301967RI	115606
301584RI	112468	301737RI	114129	301862RIV	115963	301968RI	115434
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301586RI	112419	301740RI	113352	301864RI	113978	301974RI	114721
301587RI	113888	301741RI	115438	301865RI	113922	301975RI	114882
301588RI	113751	301742RI	113535	301866RI	114131	301976RI	115549
301589RI	112469	301743RI	113536	301867RI	114200	301977RI	114293
30158RI	110914	301745RI	113498	301869RI	114258	301978RI	114090
301591RI	112193	301746RI	113510	30186RI	111141	301980RI	114208
301592RI	113352	301747RI	111824	301871RI	113998	301981RI	115661
301593RI	112561	301750RI	113406	301872RI	113302	301982RI	115307
301621RI	112470	301752RI	113877	301873RI	114130	301986RI	114322
301623RI	112535	301754RI	113878	301873RI	116069	301987RI	114754
301624RI	112424	301755RI	113253	301875RI	115418	301988RI	114312
301625RI	114025	301756RI	113407	301876RI	114354	301992RI	114780
301627RI	112471	301757RI	113881	301877RI	114700	301993RI	115659
301628RI	112144	301758RI	113883	301879RI	113946	301994RI	114088
301629RI	112556	301759RI	113882	30187RI	110113	301995RI	113996
301630RI	112197	30175RI	111071	301881RI	114673	301996RI	115858
301631RI	112472	301760RI	113599	301882RI	114431	301998RI	115615
301632RI	112426	301761RI	113640	301883RI	114212	301999RI	114248
301633RI	112427	301761RI	116067	301883RI	115488	30199RI	110877
301633RI	115871	301763RI	113884	301884RI	113955	302000RI	115365
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301643RI	113247	301779RI	113913	30190RI	110759	302023RI	115366
301644RI	113275	301780RI	114129	301910RI	114831	302024RI	114040
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301677RI	113771	301834RI	113849	301937RI	114408	30291RI	111075
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301683RI	113273	301838RI	113772	301943RI	114245	30296RI	112149
301684RI	113280	301839RI	114120	301945RI	114768	30302RI	111154
301687RI	113250	301840RI	115383	301946RI	114803	30305RI	111362
301689RI	113300	301843RI	111411	301948RI	112457	30306RI	111364
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301691RI	110891	301845RI	113489	301951RI	114010	30311RI	111754
301692RI	111741	301846RI	113951	301952RI	114284	30312RI	113574
301694RI	113284	301847RI	114008	301953RI	114524	30314RI	110889
301694RI	115491	301849RI	111686	301954RI	114811	30316RI	110890
301695RI	113295	301851RI	114028	301955RI	114895	30317RI	112728
301696RI	113338	301853RI	114212	301956RI	114409	30318RI	112729
301697RI	114494	301854RI	114701	301957RI	115548	30325RI	110891
301698RI	113336	301855RI	113720	301958RI	114704	30326RI	111419
301699RI	113188	301855RI	116064	301959RI	114509	30333RI	110895
301699RI	115484	301856RI	113721	301960RI	115306	30334RI	110116
301700RI	113279	301857RI	113710	301963RI	115531	30335RI	112734
301701RI	113274	301857RI	116124	301964RI	113972	30337RI	112735
301729RI	113874	301859RI	113953	301965RI	114390	30339RI	112098
301732RI	113301	301860RI	114463	301966RI	114810	30340RI	112736

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>AD KÜHNER</b> <i>Continued</i>							
30341RI	110766	30712RI	112780	401184RI	112129	401702RI	113788
30345RI	111093	30714RI	112734	401188RI	111807	401703RI	114361
30349RI	110877	30715RI	112782	401271RI	112128	401704RI	113634
30350RI	111036	30717RI	111176	401274RI	111678	401706RI	112583
30352RI	111800	30719RI	111623	401287RI	111726	401708RI	113328
30353RI	111166	30719RI	111742	401290RI	111767	401709RI	113331
30355RI	111686	30719RI	115890	401292RI	111264	401710RI	114300
30356RI	110992	30722RI	112784	401293RI	111779	401711RI	113330
30358RI	110881	30724RI	111354	401295RI	111781	401712RI	113316
30359RI	111841	30725RI	111363	401355RI	111960	401713RI	113315
30366RI	112742	30731RI	111427	401356RI	111950	401715RI	113518
30368RI	110117	30732RI	111352	401357RI	111381	401716RI	113519
30375RI	111082	30733RI	111352	401358RI	111951	401717RI	113519
30376RI	111288	30734RI	111649	401364RI	111980	401718RI	113517
30380RI	112162	30738RI	111293	401366RI	111929	401719RI	110385
30381RI	112746	30740RI	111479	401367RI	111963	401721RI	114115
30384RI	111164	30744RI	110052	401369RI	111537	401724RI	115415
30500RI	111528	30749RI	111834	401370RI	111831	401725RI	114877
30501RI	112747	3076RI	110641	401372RI	111965	401726RI	114272
30502RI	113611	3077RI	111180	401375RI	111956	401727RI	113954
30506RI	111686	30810RI	110544	401376RI	111626	401728RI	113712
30509RI	112056	30813RI	110931	401410RI	112063	40173RI	112297
30513RI	111166	30823RI	111629	401411RI	112065	401783RI	114227
30514RI	111166	30824RI	111629	401412RI	112068	401785RI	113656
30516RI	112056	30825RI	112299	401413RI	112069	401788RI	111309
30517RI	111169	30827RI	111353	401417RI	112102	401789RI	113657
30518RI	112345	30829RI	111676	401418RI	112101	401790RI	113697
30519RI	111170	30833RI	111354	401419RI	112205	401792RI	114186
30520RI	111094	30836RI	112772	40141RI	110628	401793RI	115660
30521RI	112750	30844RI	112799	401421RI	112207	401795RI	113903
30522RI	110105	30845RI	112800	401424RI	114386	401796RI	114024
30525RI	112162	30847RI	113632	401427RI	112210	401797RI	113902
30526RI	111171	30851RI	113471	40142RI	110496	401798RI	113791
30530RI	111170	30853RI	112803	401430RI	112332	401800RI	114006
30533RI	112754	30854RI	113920	40148RI	110805	401802RI	112205
30535RI	111319	30855RI	112806	401513RI	113785	401803RI	114215
30549RI	112756	30856RI	112325	401514RI	113035	401804RI	113792
30550RI	112757	30857RI	113477	401516RI	113383	401806RI	114489
30558RI	112758	30858RI	111658	401517RI	114231	401808RI	114201
30560RI	111176	30860RI	110621	401518RI	112333	401809RI	114005
30561RI	111356	30861RI	112229	40151RI	110318	40180RI	110706
30562RI	111741	3087RI	110358	401520RI	112349	40182RI	111692
30564RI	111355	30889RI	111803	401521RI	112271	40185RI	110701
30569RI	112453	30890RI	111411	401522RI	112327	40187RI	110567
30572RI	111621	30891RI	112718	401523RI	112328	40188RI	110965
30574RI	111321	30893RI	111687	401525RI	113786	401891RI	114206
30582RI	111738	30902RI	112812	401526RI	112272	401892RI	114012
30588RI	112763	30906RI	111154	401527RI	112330	401893RI	114041
30589RI	110622	30907RI	111746	401528RI	112351	401894RI	114709
30595RI	112288	30909RI	110360	401530RI	112352	401895RI	115441
30600RI	110770	30915RI	113632	401533RI	112355	401896RI	114112
30601RI	111654	3093RI	111096	401534RI	112356	401897RI	114841
30602RI	113500	3094RI	111086	401535RI	112357	401899RI	113956
30604RI	111170	3096RI	110968	401536RI	112358	401900RI	114121
30610RI	112765	40104RI	110168	401537RI	111787	401901RI	113941
30613RI	111948	40105RI	110264	401539RI	112334	401903RI	115855
30615RI	112056	401116RI	111051	40158RI	110307	40198RI	110458
30616RI	111662	401119RI	111598	401594RI	112359	40551RI	111048
30618RI	110619	401122RI	111266	401596RI	115864	40552RI	110682
30619RI	111287	401123RI	113077	401597RI	112360	40559RI	110662
3061RI	110968	401126RI	111375	401599RI	111468	40565RI	110694
30627RI	111738	401133RI	111587	401600RI	114114	40575RI	110664
30631RI	112768	401134RI	111468	401601RI	112362	40577RI	110699
30635RI	112769	40113RI	110927	401602RI	113787	40585RI	110806
30637RI	112292	401162RI	111812	401603RI	112394	40598RI	112531
30638RI	112230	401164RI	111480	401604RI	112363	40653RI	110632
30639RI	114026	401166RI	111507	401605RI	113296	40657RI	111428
30640RI	111171	401167RI	111376	401606RI	113439	40660RI	110700
30642RI	111418	401169RI	111710	401607RI	113317	40661RI	110697
30642RI	115873	40116RI	112270	401609RI	113306	40664RI	110802
30644RI	112771	401170RI	111018	40160RI	110374	40665RI	111268
30646RI	112539	401171RI	111493	401611RI	113440	40671RI	110802
30647RI	112775	401172RI	111515	401612RI	113322	40672RI	111614
30649RI	111325	401173RI	111627	401613RI	114273	40673RI	111187
30700RI	112777	401178RI	111518	401614RI	112330	40674RI	111339
30702RI	113470	401179RI	111872	401615RI	113324	40677RI	111747
30705RI	110163	401180RI	111806	401617RI	113321	40678RI	112093
30706RI	110360	401182RI	111704	401618RI	113343	40682RI	111279
30707RI	111740	401183RI	111594	40161RI	111705	40684RI	110804

**STARTERS & ALTERNATORS**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
40689RI	110659	50958RI	111090	553200RI	114466	553471RI	114694
40691RI	112970	50962RI	111199	553210RI	114524	553472RI	114897
40697RI	110679	50963RI	111200	553214RI	113685	553473RI	114290
40698RI	111611	50964RI	111220	553215RI	114737	553478RI	114897
40753RI	111578	553004RI	114036	553219RI	113969	553481RI	115712
40755RI	111317	553004RI	116116	553227RI	113413	553483RI	115730
40756RI	111361	553004RI	116117	553231RI	114046	553488RI	114490
40757RI	112087	553006RI	114212	553232RI	112097	553489RI	114682
40761RI	111267	553008RI	113998	553235RI	115419	553493RI	113997
40762RI	111264	553013RI	112183	553239RI	112294	553495RI	115410
40764RI	111610	553015RI	111568	553240RI	113412	553496RI	114726
40769RI	111294	553016RI	112673	553242RI	112375	553497RI	114779
40772RI	111609	553021RI	113987	553245RI	114131	553502RI	113692
40775RI	111240	553024RI	113600	553246RI	114102	553503RI	113694
40780RI	111316	553025RI	113856	553246RI	116068	553555RI	114235
40783RI	111435	553028RI	114364	553247RI	114187	553567RI	115707
40785RI	110445	553030RI	111479	553249RI	114835	553570RI	113989
40787RI	110540	553035RI	112943	553250RI	113401	553571RI	110801
40789RI	110562	553041RI	114243	553260RI	114701	553572RI	114879
40790RI	110657	553042RI	112302	553261RI	114384	553578RI	115547
40792RI	110564	553043RI	112170	553262RI	114262	553583RI	115457
40795RI	110136	553044RI	111832	553265RI	114214	553596RI	111575
40796RI	110448	553062RI	114377	553269RI	114510	553602RI	113986
40798RI	110967	553063RI	114080	553270RI	114202	553605RI	115667
40799RI	114203	553064RI	112492	553272RI	114512	553610RI	115315
40805RI	111342	553068RI	113543	553276RI	114302	553615RI	115458
40806RI	111315	553069RI	113956	553278RI	114866	553647RI	116012
40863RI	111186	553070RI	114042	553285RI	114458	553651RI	114192
40864RI	111215	553070RI	116113	553287RI	114263	553660RI	115481
40867RI	112329	553072RI	112447	553290RI	113940	553661RI	114827
40868RI	111280	553074RI	111987	553290RI	116048	553668RI	114464
40870RI	111314	553079RI	112947	553291RI	114782	553672RI	114826
40873RI	112228	553080RI	115716	553293RI	115865	553673RI	113716
40877RI	111237	553085RI	114244	553298RI	111036	553689RI	114407
40878RI	111238	553086RI	115527	553304RI	113896	553689RI	115878
40879RI	111309	553089RI	113710	553306RI	113563	553690RI	115431
40880RI	111437	553089RI	116124	553311RI	111232	553693RI	116098
40881RI	111605	553090RI	113710	553320RI	113552	553695RI	114876
40884RI	110134	553090RI	116124	553322RI	114454	553700RI	114772
40885RI	111705	553093RI	112560	553325RI	114658	553701RI	114081
40970RI	110629	553096RI	111495	553326RI	115317	553705RI	115995
40971RI	110620	553099RI	112389	553327RI	114306	553712RI	110959
40972RI	111344	553100RI	110766	553332RI	114770	553713RI	112059
40974RI	110631	553102RI	113529	553338RI	113961	553721RI	113782
40976RI	111579	553106RI	112193	553341RI	111796	553724RI	114839
40980RI	111285	553109RI	113993	553349RI	113991	553732RI	115690
40981RI	111517	553110RI	114189	553350RI	113898	553746RI	115620
40987RI	112860	553112RI	113763	553351RI	113971	553762RI	114290
40988RI	111518	553115RI	114518	553353RI	114290	553766RI	113506
40989RI	111601	553116RI	114077	553357RI	114383	553775RI	115340
40990RI	111381	553117RI	114079	553360RI	111232	553777RI	114362
40994RI	111405	553118RI	114516	553360RI	113432	553791RI	113768
40995RI	111406	553123RI	114736	553362RI	113803	553798RI	114681
501108RI	110937	553125RI	114352	553363RI	114044	553800RI	113529
501109RI	111388	553129RI	114256	553373RI	114082	553805RI	111232
501114RI	111261	553130RI	115454	553373RI	116043	553809RI	114348
501115RI	111232	553131RI	114219	553383RI	112961	553831RI	114241
501538RI	111712	553136RI	114209	553384RI	114113	553840RI	115528
501620RI	112160	553138RI	114210	553389RI	114432	553849RI	114880
50630RI	110233	553142RI	113358	553392RI	113990	553855RI	114706
50919RI	110173	553143RI	114411	553395RI	114292	553859RI	115909
50920RI	110175	553149RI	114039	553397RI	112448	553861RI	112721
50921RI	110176	553153RI	113698	553400RI	114263	553861RI	114251
50925RI	110235	553154RI	113970	553403RI	114662	553871RI	112529
50929RI	110300	553161RI	115605	553409RI	114085	553872RI	115455
50933RI	110985	553165RI	114212	553412RI	111576	553881RI	113967
50934RI	110487	553170RI	114207	553414RI	112958	553886RI	114465
50935RI	110488	553172RI	112458	553415RI	110374	553887RI	113610
50936RI	110492	553174RI	114802	553420RI	115348	553891RI	114158
50937RI	110498	553175RI	114679	553421RI	114664	553900RI	114450
50938RI	110499	553180RI	114828	553426RI	114287	553903RI	113793
50939RI	112640	553181RI	114350	553430RI	115520	553913RI	112669
50942RI	110503	553184RI	114663	553434RI	115346	553915RI	114683
50943RI	110233	553185RI	114406	553453RI	114042	553917RI	114228
50945RI	110508	553186RI	113923	553453RI	116113	553919RI	115633
50947RI	110724	553186RI	115879	553459RI	114766	553921RI	114229
50948RI	110801	553188RI	112853	553463RI	114301	553925RI	111713
50952RI	110505	553190RI	114043	553466RI	114078	553937RI	112252
50953RI	110984	553199RI	113498	553470RI	115582	553944RI	114805

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>AD KÜHNER</b> <i>Continued</i>							
553947RI	113715	46445660	113939	29-1641	110675	35-2262	110411
553956RI	116061	46473784	113430	29-1665	110628	35-2273	111451
553989RI	113975	46544329	113943	29-1666	110496	35-2302	111490
554003RI	111397	46765836	113942	29-1673	110675	35-2306	110811
554007RI	113310	46765838	113943	29-1676	110675	35-2314	111683
554010RI	115605	46769369	113942	29-1681	110682	35-2323	111764
554015RI	113607	46782213	113943	29-1684	111285	35-2326	110810
554023RI	114757	46791692	111685	29-1699	113051	35-2331	110811
554024RI	115583	46823543	113931	29-1734	113412	35-2351	111683
554026RI	114813	50500728	114749	29-1761	111578	35-2372	110810
554027RI	114880	51823860	113719	29-1792	113085	35-2378	112214
554029RI	114470	51823860	115869	29-1801	113077	35-2379	112214
554035RI	114403	51854912	115346	29-1832	113413	35-2380	113024
554037RI	114257	55183906	115360	29-1838	110682	35-2388	111241
554040RI	112850	55192482	113931	29-1839	111199	35-2422	111485
554042RI	111200	60672342	113836	29-1867	112993	35-2430	111608
554046RI	114463	60673305	113836	29-1870	113432	35-2438	111305
554072RI	114205	60808791	112771	29-1881	111285	35-2443	112912
554074RI	114511	60811651	112771	29-1886	112927	35-2444	113222
554075RI	113607	60812535	113942	29-1898	110496	35-2445	112911
554098RI	111078	60812583	111409	29-1936	112886	35-2448	112030
554099RI	115679	60813461	111685	29-1937	112936	35-2449	111844
554117RI	114657	60814911	113430	29-1938	111200	35-2476	112592
554122RI	114115	60816045	113943	29-1940	112932	35-2480	112898
554125RI	113148	60816046	113942	29-1941	112860	35-2481	112897
554126RI	114289	60816083	113430	29-1947	112884	35-2509	113044
554127RI	113246	60816557	113943	29-1974	112888	35-2518	113114
554136RI	115975	73501591	113996	29-1987	113089	35-2541	112986
554158RI	113076	73503235	114204	29-1996	112942	35-2543	111683
554164RI	115356	7782314	113942	29-1997	111468	35-2545	111552
554169RI	113803	AT050600108	110882	29-2007	112939	35-2546	113024
554172RI	112721			29-2035	113076	35-2558	113109
554185RI	115862	<b>ALLIS</b>		29-2037	113091	35-2559	113108
554186RI	116022	4841605	111190	29-2083	113069	35-2560	113169
554198RI	115436			29-2116	113090	35-2567	111374
554202RI	111419	<b>ARCO MARINE</b>		29-2143	113374	35-2584	112846
554204RI	115761	30460	111699	29-2166	112943	35-2586	112301
554206RI	115777	30470	113679	29-2167	112944	35-2589	112897
554207RI	115988	5362	113591	29-2169	112946	35-2592	112904
554229RI	115935	5367	112247	29-2172	112940	35-2598	112235
554234RI	114423	5370	110240	29-2180	112893	35-2600	112898
554237RI	115803	5371	110647	29-2189	113035	35-2620	111970
554249RI	115936	5372	110644	29-2194	111787	35-2621	113139
554251RI	114379	5375	110648	29-2198	113235	35-2629	113119
554258RI	114671	5376	111043	29-2205	112893	35-2640	111183
554259RI	113888	5379	110654	30-1079	110133	35-2642	111307
554261RI	115851	5380	110650	30-1111	110138	35-2645	112906
554263RI	115669	5387	112145	30-1185	111139	35-2646	112900
554291RI	115606	5389	110647	30-1207	110675	35-2651	113398
554305RI	115321	5392	110648	30-1209	113077	35-2658	112898
554309RI	115587	5396	112826	30-1234	112970	36-1014	110462
554310RI	115655	60065	111710	30-1294	110675	36-1082	110421
554311RI	115913			30-1297	110675	36-1180	111451
554330RI	115546	<b>ARROW</b>		30-1307	111578	36-1194	111442
554337RI	114735	29-1082	111261	30-1371	112835	36-1225	110411
554341RI	114707	29-1187	110300	30-1385	113412	36-1228	111451
554347RI	116111	29-1229	110235	31-1043	113142	36-1237	111451
554348RI	113743	29-1235	110235	31-1109	113143	36-1238	110811
554351RI	113506	29-1236	110235	34-1875	112963	36-1240	110810
554371RI	113418	29-1242	110235	34-1912	112965	36-1266	111490
554377RI	114427	29-1243	110235	34-1915	112963	36-1271	110811
554392RI	112989	29-1244	110235	35-1651	112267	36-1291	111764
554402RI	114808	29-1269	112835	35-1885	112911	36-1295	110810
554404RI	112160	29-1275	112880	35-1886	112910	36-1303	110811
554415RI	115320	29-1302	111252	35-1923	110221	36-1326	111683
554431RI	115691	29-1345	111713	35-1926	111190	36-2261	111451
554432RI	110620	29-1361	110801	35-1928	112267	36-5073	110221
554444RI	111510	29-1362	110801	35-1929	112267	ADR290	113777
554445RI	115808	29-1363	110801	35-1953	113125	AFD0004	113765
554461RI	114390	29-1369	110591	35-1957	112255	AHI0068	113793
554462RI	114694	29-1398	110724	35-1968	113153	AMT0146	113782
554487RI	115608	29-1514	110133	35-2022	112584	AND0237	113856
		29-1520	110138	35-2052	110462	AND0249	113803
<b>ALFA ROMEO</b>		29-1530	110168	35-2064	110462	APM0004	113743
116760506000	110890	29-1577	111139	35-2085	110421	SAB0019	112157
116760506100	110890	29-1595	110675	35-2113	110411	SAB0145	113854
46305329	113942	29-1596	113077	35-2121	110315	SAM0120	113593
46430533	113939	29-1619	112970	35-2151	111451	SBS0001	110634
46445658	113942			35-2181	111442	SBS0009	112242

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
SBS0028	113539	A0068	113298	A0168	114354	A1013	111846
SBS0029	113853	A0069	110358	A0169	112425	A1014	112165
SDR0019	112240	A0071	112193	A0170	113947	A1015R	113772
SDR0284	113550	A0072	114296	A0173	111902	A1016R	113771
SMT0102	113668	A0072	115489	A0177	111894	A1018	112160
SMT0253	113795	A0074	113188	A0178	112045	A1020	114665
SMT0262	113819	A0074	115484	A0180	115621	A1029	114202
SMT0294	113820	A0077	111477	A0181	114769	A2001	111515
SMU0311	113821	A0078	111676	A0183	115541	A2003	112271
SND0076	113725	A0079	111820	A0184	110766	A2004	111267
SND0324	113893	A0080	111820	A0186	111898	A2005	111186
SND0455	113732	A0081	111318	A0187	113486	A2007	111704
SND0566	113550	A0082	111843	A0189	112402	A2008	111381
SND0587	114182	A0084	112736	A0190	113992	A2009	111294
SPR0010	113727	A0086	111287	A0192	114008	A2010	111493
		A0087	111146	A0193	115486	A2011	112272
		A0088	113470	A0194	114836	A2012	110700
<b>AS-PL</b>		A0089	113531	A0195	113878	A2013	111614
A0001	110895	A0093	112729	A0196	113273	A2014	112093
A0002	112159	A0097	110906	A0197	113447	A2016	111831
A0003	112194	A0099	110112	A0199	113951	A2020	111187
A0004	110641	A0100	112784	A0200	113958	A2021	112351
A0005	111369	A0101	112288	A0201R	113944	A2022	113956
A0006	111479	A0102	110117	A0202	111352	A2023	113787
A0007	112561	A0104	112746	A0203	112747	A2024	111264
A0008	111746	A0106	112765	A0204	114391	A2025	112228
A0009	111528	A0107	112453	A0205	112428	A2028	110697
A0010	112803	A0108	112345	A0206	113835	A2029	113439
A0011	113448	A0109	113611	A0207	115383	A2030	113697
A0012	111180	A0111	112777	A0209	114656	A2031	110631
A0013	111649	A0114	112529	A0210	115658	A2032	111767
A0014	112098	A0115	112056	A0211	114089	A2033	111316
A0015	112734	A0116	111732	A0211	115495	A2035	113383
A0016	113920	A0117	112709	A0213	114463	A2036	110168
A0017	110113	A0118	111988	A0215	114088	A2037	113698
A0018	111888	A0119	111991	A0216	113871	A2038	113941
A0019	111899	A0120	113284	A0218	113274	A2039	113993
A0020	111141	A0120	115491	A0220	114781	A3001	110889
A0021	111833	A0121	113352	A0221	113858	A3002	111171
A0021	116063	A0122	115617	A0221	115976	A3003	113500
A0022	111842	A0122	115618	A0222	113953	A3005	112754
A0023	111987	A0123	114212	A0223	114040	A3008	112769
A0024	112302	A0124	114028	A0225	111824	A3012	112162
A0025	112076	A0124	115493	A0226	112426	A3013	111075
A0026	112757	A0125	112075	A0227	115678	A3017	113603
A0027	111989	A0127	112079	A0228	114701	A3018	111720
A0027	115482	A0127	114789	A0231R	113879	A3019	112681
A0029	111886	A0129	111820	A0232R	114408	A3020	110619
A0031	111093	A0131	111353	A0234R	111891	A3021	114026
A0033	112406	A0133	111890	A0237	113947	A3022	112688
A0034	113351	A0134	111166	A0238	114431	A3023	112480
A0035	112197	A0135	111978	A0240	114311	A3027	112460
A0036	113754	A0136	112427	A0241	114291	A3028	111718
A0037	113887	A0136	115871	A0245	113949	A3029	112287
A0038	113888	A0137	114028	A0246	111154	A3032	113405
A0040	112043	A0138	114212	A0248	111216	A3033	113252
A0042	112274	A0139	114212	A0250	114036	A3034	113919
A0043	113285	A0139	115488	A0250	116116	A3035	113248
A0044	112144	A0140	112190	A0253	113489	A3037	112471
A0045	113751	A0142	113640	A0256	113296	A3041	111498
A0046	112397	A0142	116067	A0257	114709	A3042	111397
A0047	113352	A0143	113882	A0258	114528	A3044	111319
A0049	113272	A0144	113300	A0258	115496	A3048	112744
A0050	112399	A0145	112144	A0295	115905	A3050	111325
A0052	112415	A0146	115709	A0299	115906	A3052	113940
A0053	113351	A0147	114765	A0349	115718	A3052	116048
A0054	113489	A0149	112407	A0354	115907	A3053	113247
A0055	112742	A0150	114705	A0363	115716	A3054	113283
A0057	112414	A0152	111293	A0365	115765	A3056	113246
A0059	112002	A0153	112680	A0405	115909	A3057	112299
A0059	114797	A0158	112419	A0409	115910	A3058	111967
A0059	115483	A0159	114200	A1001	111426	A3059	111631
A0060	112078	A0160	113510	A1002	111846	A3061	111658
A0061	112072	A0162	112413	A1003	111708	A3062	112687
A0062	113998	A0163	113485	A1004	113350	A3063	113249
A0063	114212	A0164	114122	A1005	113349	A3065	111947
A0064	114753	A0165	113837	A1009	112720	A3066	113868
A0064	115498	A0166	113945	A1010	111514	A3067	113948
A0066	115619	A0167	114353	A1011	112416	A3069	113404
A0067	113302						

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>AS-PL</b> <i>Continued</i>							
A3070	113881	A4020	111756	A6001	114231	A9005	111405
A3071	112002	A4021	112142	A6004	116029	A9006	113518
A3071	114797	A4024	113939	A6007	114010	A9007	113343
A3072	112462	A4027	111409	A6009	111518	A9008	113657
A3073	112458	A4028	112143	A6010	113922	A9009	111309
A3074	113755	A4029	112097	A6011	113978	A9011	113709
A3075	112800	A4032	112021	A6012	111579	A9012	113710
A3076	111788	A4033	112718	A6013	114006	A9012	116124
A3077	112458	A4035	111795	A6015	114206	A9015	110622
A3078	113720	A4036	110497	A6017	110682	A9016	113708
A3078	116064	A4037	110977	A6018	113849	A9017	113517
A3079	112059	A4040	111740	A6019	114065	A9018	113331
A3080	115856	A4041	111176	A6020	110564	A9019	113792
A3081	111478	A4042	113955	A6021	111610	A9020	113912
A3082	111943	A4042	114801	A6022R	110620	A9021	113913
A3083	113406	A4045	112654	A6024	111437	A9023	115543
A3085R	113251	A4046	114066	A6025	114024	A9025	110657
A3086	113858	A4047	111687	A6026	114248	A9026	110562
A3086	115976	A4048	113904	A6027	114115	A9028	111051
A3092	111719	A4049	111568	A6028	115791	A9029	113791
A3093	114680	A4050	113987	A6029	115788	A9030R	111009
A3094	112468	A4052	111723	A6030	115787	A9034	112387
A3096	112703	A4055	112021	A6032	111537	A9035	113328
A3098R	113896	A4058	113535	A6034	114258	A9037	113519
A3099R	111331	A4061	114025	A6035	115415	S0001	110206
A3101	113253	A4062	112384	A6036	114147	S0002	110524
A3102	113253	A4063	111036	A6037	114041	S0004	110587
A3103	114882	A4064	112203	A6038	113972	S0006	112286
A3104	113721	A4066	112237	A6039	114011	S0007	110208
A3105	114128	A4067	111356	A6040	111963	S0008	110532
A3107	114102	A4070	114409	A6041	113969	S0010	110214
A3107	116068	A4071	114754	A6042	114272	S0011	110535
A3108	113751	A4072	114462	A6043	115928	S0015	111010
A3109	113882	A4073	114204	A6046	114215	S0017	112053
A3111	112057	A4074	113722	A6048	115750	S0018	111996
A3113R	111226	A4074	115963	A6049	114083	S0019	111771
A3114	114042	A4076	112648	A6052	114390	S0020	112006
A3114	116113	A4082	114284	A6053	114227	S0021	112116
A3115	115912	A4083	114806	A6054	114361	S0022	111231
A3116	114684	A4083	115874	A6055	114273	S0023	110981
A3117	114082	A4084	114099	A6057	115929	S0024	111910
A3117	116043	A4085	114090	A6060	115620	S0025	111900
A3118	113862	A4086	115700	A6061	114694	S0027	111909
A3120	114509	A4087	113246	A6063	114410	S0029	111851
A3121	115913	A4089	114009	A6064	114900	S0030	112309
A3130	114879	A4090	113338	A6065	115657	S0031	111490
A3131	114722	A4091	111689	A6066	114290	S0032	112435
A3132	111722	A5001	111872	A6067	114709	S0033	111749
A3133	114451	A5002	111797	A6068	114897	S0034	110847
A3136	113604	A5003	112205	A6069	114895	S0036	113674
A3137	112058	A5004	112129	A6071	115742	S0039	111694
A3138	113946	A5006	110806	A6072	115660	S0040	112446
A3139	114131	A5007	111344	A6073	115863	S0040	113468
A3146	115713	A5009	112457	A6074	114493	S0041	111640
A3165	115919	A5010	112328	A6076	115346	S0042	112439
A3169	115920	A5011	111314	A6077	114706	S0043	111120
A3199	114832	A5013	110632	A6078	110496	S0044	114118
A3202	115921	A5014	111238	A6079	114208	S0045	111060
A3207	114067	A5015	112359	A6080	114704	S0046	110363
A3208	115631	A5016	111806	A6082	115930	S0047	112537
A3227	115922	A5019	113785	A6086	113721	S0048	112005
A3230	115923	A5020	112352	A6089	114490	S0049	112221
A3232	115924	A5021	113785	A6090	115748	S0050	110865
A4001	111623	A5024	113250	A6091	114242	S0052	111400
A4001	111742	A5025	112355	A6092	110967	S0054	112321
A4001	115890	A5027	110804	A6093	111193	S0059	112818
A4003	111411	A5028	110385	A6096	114490	S0062	111748
A4004	111689	A5029	114129	A6097	112583	S0064	113451
A4005	112121	A5030	110805	A6098	112101	S0066	111855
A4006	111802	A5033	113952	A6101	111538	S0067	110525
A4007	111416	A5034	114129	A6102	114186	S0070	113979
A4008	111803	A5041	113923	A6104	112356	S0073	111911
A4009	111662	A5041	115879	A6181	115935	S0074	113609
A4010	111569	A5042	113324	A6182	115936	S0075	113466
A4012	110891	A5044	112327	A6189	111517	S0076	112581
A4013	111176	A5046	114880	A9001	112333	S0077	113847
A4015	111361	A5065	115925	A9002	112939	S0078	112446
A4017	111413	A5084	115926	A9003	112151	S0079	112494
A4019	112325	A5106	115927	A9004	114114	S0080	113277

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
S0082	112498	S0180	114001	S1003	111034	S3060	114035
S0083	112131	S0181	114376	S1005	112341	S3061	114074
S0084	111070	S0181	115513	S1006	110999	S3062	113937
S0085	113759	S0182	114220	S1007	111760	S3063	112217
S0086	114327	S0184	114069	S1009	110347	S3064	113929
S0087	111347	S0185	114162	S1010	111699	S3066	111694
S0088	113276	S0186	113931	S1012	111222	S3070	114029
S0090	113842	S0188	112534	S1013	111055	S3071	113478
S0090	115508	S0189	114020	S1014	111123	S3074	114127
S0091	112440	S0191	115938	S1015	111982	S3076	114892
S0092	110518	S0192	112430	S1017	113851	S3077	115948
S0093	113446	S0193	114317	S1017	115885	S3094	113841
S0093	115506	S0194	114073	S1024	112169	S3098	115949
S0094	111904	S0195	113430	S1027	114330	S4001	110819
S0096	111906	S0196	111399	S2001	112320	S4005	110565
S0097	112224	S0197	110527	S2002	111690	S4006	110465
S0098	111848	S0198	111793	S2003	110723	S4008	113380
S0099	112441	S0201	114196	S2005	111805	S4009	110441
S0099	115505	S0206	114233	S2006	110820	S4011	110443
S0100	113843	S0210	115939	S2009	112365	S4012	110459
S0102	113613	S0211	114106	S2012	114032	S4014	110818
S0103	113346	S0212	112444	S2014	115341	S4015	111420
S0104	112307	S0213	114690	S2015	110575	S4016	113750
S0105	113752	S0214	113678	S2016	111459	S4017	112026
S0106	111865	S0214	115507	S2017	111312	S4020	112124
S0108	114033	S0215	115940	S2018	111763	S4021	110517
S0110	110522	S0218	114093	S2019	112373	S4023	110521
S0111	111693	S0218	115512	S2020	113680	S4025	113962
S0112	111755	S0219	110775	S2023	111382	S4028	112382
S0113	111001	S0220	110212	S2024	116085	S4029	113654
S0114	110530	S0221	110582	S2025	115686	S4030	113655
S0115	110536	S0223	114814	S2050	113191	S4031	113925
S0117	111755	S0224	112438	S3001	112295	S4033	111585
S0118	110521	S0225	113761	S3002	111070	S4035	113446
S0119	114174	S0226	114295	S3003	111123	S4036	110812
S0121	113963	S0227	113513	S3004	111251	S4037	110814
S0121	114886	S0228	114091	S3005	110584	S4039	111025
S0123	113959	S0229	114173	S3007	111641	S4042	114216
S0125	112236	S0230	113430	S3008	112218	S5003	111913
S0127	113134	S0232	114052	S3009	111130	S5004	111272
S0128	110352	S0233	111817	S3010	110584	S5005	110809
S0129	112071	S0235	111637	S3012	113932	S5007	112370
S0130	113980	S0236	111115	S3013	111508	S5008	110576
S0131	112306	S0237	115312	S3016	113254	S5009	112103
S0134	111003	S0238	111984	S3017	113719	S5010	111108
S0135	112116	S0241	111685	S3017	115869	S5011	113195
S0136	113282	S0242	114740	S3018	113843	S5012	110808
S0137	113934	S0243	113841	S3019	111994	S5014	110149
S0138	113891	S0244	114297	S3020	111931	S5015	111349
S0138	115509	S0247	111131	S3022	114199	S5016	110394
S0139	113935	S0248	112429	S3023	113963	S5018	111552
S0139	115501	S0250	112442	S3024	112475	S5019	111241
S0140	114062	S0251	110545	S3025	111900	S5020	110811
S0142	112052	S0253R	113509	S3026	113387	S5022	113673
S0143	112440	S0254	116040	S3027	113926	S5022	115882
S0144	113389	S0257	111752	S3028	114161	S5023	111451
S0146	114160	S0258	114069	S3029	113933	S5025	110256
S0147	114031	S0260	111000	S3030	113605	S5026	113445
S0147	115892	S0261	114073	S3032	110584	S5027	113672
S0148	113846	S0262	110536	S3034	114100	S5027	115881
S0150	113466	S0264	114313	S3034	115893	S5029	114100
S0152	110813	S0271	111908	S3035	111335	S5029	115893
S0155	113303	S0272	114299	S3036	113267	S5030	114100
S0159	114054	S0273	115638	S3037	113773	S5030	115893
S0159	115516	S0275	115719	S3038	115947	S5031	114279
S0160	112055	S0282	115336	S3041	112286	S5032	113323
S0161	112290	S0286	114275	S3042	111047	S5033	111971
S0165	114318	S0289	114316	S3043	114176	S5034	110808
S0166	112454	S0290	115825	S3044	114034	S5035	113897
S0168	113271	S0292	114689	S3045	111015	S5036	113964
S0169	112014	S0303	115941	S3047	111231	S5037	111730
S0171	114179	S0400	115942	S3050	111404	S5038	113927
S0173	113859	S0461	115943	S3051	115522	S5042	114058
S0174	112555	S0475	114850	S3052	113481	S5044	113930
S0175	114177	S0476	115944	S3053	111307	S5045	114059
S0176	111995	S0477	115818	S3055	114163	S5046	111476
S0177	114094	S0483	114746	S3057	114030	S5049	113851
S0178	113760	S0484	115997	S3058	112474	S5049	115885
S0179	114196	S0490	115946	S3059	112474	S5050	114061

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>AS-PL Continued</b>							
S5053	114180	S9029	113907	IM1/1	110512	IM642	112119
S5055	113676	S9030	113906	IM131	110601	IM643	110214
S5055	115883	S9031	112340	IM16	110207	IM645	110212
S5058	114733	S9032	113910	IM16/1	110601	IM653	111231
S5058	115894	S9033	113911	IM17/1	110512	IM665	112116
S5064	114031	S9034	110656	IM21-5/24	110601	IM801	110210
S5064	115556	S9035	114119	IM310	110206	VG921/W	110544
S5064	115886	S9036	113908	IM312	110212	<b>BMW</b>	
S5064	115892	S9036	116062	IM316	110213	1079452	114258
S5065	114108	S9043	111332	IM320	110512	12311079452	114258
S5067	114330	S9044	110536	IM321	110601	12311247288	111946
S5068	111305	S9045	110462	IM322	110932	12311247310	111946
S5069	111273	S9046	111752	IM323	110533	12311271663	111147
S5077	114003	S9051	110615	IM324	110534	12311273131	111147
S5083	115727	S9056	111755	IM325	110208	12311276139	110877
S5158	113194	S9060	112442	IM326	110207	12311277219	110877
S6001	111387	S9061	110545	IM327	110209	12311277223	110877
S6002	110389	S9062	114298	IM328	110535	12311277239	111147
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S6008	113327	S9072	115590	IM34/1	110537	12311285006	111147
S6009	110260	S9154	115751	IM34/3	110537	12311285012	110877
S6010	110490	<b>AUDI → VOLKSWAGEN</b>		IM34/4	110409	12311286612	110877
S6011	113757	<b>AVF (DELCO - H/MOGURT)</b>		IM340	110531	12311288408	111147
S6012	113965	001/004	110210	IM341	110531	12311288409	111147
S6013	110397	001/109	110210	IM35	111217	12311289403	111147
S6014	111984	001/504	110210	IM35/1	111217	12311289404	111147
S6016	111849	001/506	110210	IM350	110208	12311362029	110877
S6017	110479	001/507	110210	IM360	110210	12311362077	110877
S6018	111561	001/508	110210	IM361	110212	12311362276	110877
S6020	111455	001/605	110210	IM362	110213	12311362468	110877
S6021	113938	001/609	110210	IM380	110205	12311364402	110877
S6022	111559	001/702	110210	IM381	110532	12311364404	110877
S6023	112822	001/706	110210	IM382	110532	12311432831	111895
S6023	115880	001/803	110210	IM4/1	110512	12311432986	112193
S6024	113329	001/806	110210	IM401	110537	12311432987	112193
S6025	110944	001/809	110210	IM403	111217	12311433265	111895
S6026	111679	001/810	110210	IM409	110538	12311435423	112413
S6027	110580	001/811	110210	IM412	110537	12311435424	112413
S6028	115643	001/903	110210	IM414	110539	12311435425	112413
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S6032	114071	001/911	110210	IM503	110533	12311435427	112413
S6035	113313	002/009	110206	IM504	111003	12311435429	112413
S6036	113314	002/010	110206	IM505	110207	12311702096	111895
S6037	114239	002/103	110206	IM508	110208	12311705483	112426
S6038	115328	002/105	110206	IM509	110208	12311714581	110877
S6039	115723	002/206	110206	IM510	110210	12311730580	112687
S6041	114886	002/306	110206	IM511	110582	12311730602	112687
S6042	115613	002/508	110206	IM513	110601	12311735743	112687
S6043	115642	002/509	110206	IM521	110208	12311735792	112687
S6044	112336	002/510	110206	IM522	110512	12311740629	112193
S6045	110447	002/511	110206	IM523	110206	12311741138	111895
S6047	113361	002/601	110206	IM524	110512	12311742910	111895
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S6052	111550	002/611	110206	IM528	111218	12311744562	112687
S6056	115828	002/702	110206	IM530	110534	12311744564	112687
S6080	115950	002/703	110208	IM536	110535	12312244833	112800
S6112	112489	002/704	110206	IM540	110531	12312244883	112800
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S9001	112251	002/803	110206	IM547	110512	12312245654	113868
S9002	112821	002/808	110206	IM548	110212	12312246070	111947
S9002	115870	002/809	110206	IM553	111219	12312246078	111947
S9004	113794	002/901	110206	IM554	110512	12312246572	111947
S9009	112304	002/902	110210	IM559	113850	12312246573	111947
S9010	111214	002/903	110206	IM561	110980	12312247389	112462
S9011	112388	002/904	110206	IM562	110981	12312248296	112468
S9012	113130	002/906	110206	IM601	110210	12312248297	112468
S9014	112290	002/907	110206	IM602	111046	12312249966	113407
S9015	111374	002/909	110206	IM605	110213	12314388187	111895
S9016	110522	002/911	110206	IM606	110532	12317501593	112193
S9020	113905	012/810	110537	IM607	110212	12317501595	112193
S9021	110565	808002	110206	IM617	110531	12317501597	112193
S9024	114254	IM1	110512	IM623	111219	12317501599	112193
S9025	110634			IM636	110531	12317501690	112193
S9026	112242			IM637	112120	12317501755	112193
S9028	110635			IM641	110205		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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12317507995	115473	12317792092	112468	12417515390	111911	12418519154	115335
12317508052	112426	12317797519	114720	12417515391	111911	12418570382	114689
12317508054	112426	12317797521	113896	12417515392	111911	12418570383	115335
12317508258	112426	12317797522	113896	12417521116	114740	12418571905	115558
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12317509100	112413	12317799180	114720	12417521123	114740	12418574102	116059
12317509113	112413	12317799204	113896	12417523450	114297	12418577009	115558
12317509342	114147	12317800308	115860	12417524843	114297	12418581100	115558
12317511603	112413	12317802261	114292	12417526236	114740	12418620033	110772
12317511604	112413	12317802471	114720	12417526239	114297	12418620903	110772
12317512151	113871	12317802619	114292	12417540897	113960	12419056639	110772
12317515029	114147	12317802928	115860	12417550017	113960	12419069808	113446
12317515030	114258	12317802929	113896	12417550975	115398	1247288	111946
12317515033	114080	12317823291	115834	12417552105	113960	1266463	114118
12317515426	114080	12317823292	115834	12417552697	114692	1271663	111147
12317516104	113871	12317830791	115307	12417570488	114295	1273131	111147
12317519618	115677	12317831436	115307	12417578684	111911	1276139	110877
12317519620	115677	12317834160	113896	12417579155	114740	1277219	110877
12317519721	113858	12317836610	113858	12417582309	113960	1277239	111147
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12317520495	113871	12317837691	113858	12417589352	115398	1277505	111147
12317521135	113858	12317837691	115976	12417589353	115398	1284461	111147
12317521135	115976	12318507624	115581	12417594292	114740	1285006	111147
12317521137	113858	12411266463	114118	12417610341	114297	1285012	110877
12317521137	115976	12411279747	111400	12417610343	114740	1286612	110877
12317521178	114524	12411287788	112533	12417610350	114740	1287788	112533
12317521382	114781	12411288166	112533	12417616500	115574	1288166	112533
12317521383	114781	12411289520	112533	12417616502	115574	1288408	111147
12317521384	113871	12411350236	110772	12417616698	114692	1288409	111147
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12317521488	114781	12411355693	110772	12417631054	115562	1289404	111147
12317521489	114781	12411489995	114295	12417638192	115962	1289520	112533
12317521490	113871	12411517328	114295	12417638193	115962	1362029	110877
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12317524972	114189	12411720636	112172	12417787354	114127	1435426	112413
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12317525440	114189	12411720664	112172	12417787925	113446	1489995	114295
12317530086	112193	12411726504	111400	12417788680	114072	1517328	114295
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12317532966	113871	12411729981	112553	12417791335	114071	1713898	112172
12317532968	114781	12411735400	114118	12417794952	114091	1714750	114118
12317533270	113871	12411736921	112553	12417796892	114091	1715238	114118
12317540990	114189	12411739273	114118	12417798006	115335	1720663	112172
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12317541694	113858	12411740374	111911	12417798035	114091	1735400	114118
12317541694	115976	12411740375	111911	12417798036	114091	1740374	111911
12317541696	113858	12411740379	111911	12417801203	114689	1740375	111911
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12317550224	115658	12412245328	111908	12417805098	114030	2245654	113868
12317550319	115658	12412246388	111908	12417811601	114689	2246070	111947
12317550967	116012	12412246570	113446	12417812070	114849	2246078	111947
12317550997	115658	12412246571	113446	12417812071	114849	2246570	113446
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12317551254	116012	12412247063	113925	12417823315	115997	2246572	111947
12317559223	115658	12412247391	113446	12417823700	115335	2246573	111947
12317561003	115923	12412247492	113446	12417823700	116059	2247063	113925
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12317615484	114811	12412344242	111911	12417832150	114198	2248297	112468
12317619254	114811	12412344243	114740	12417832486	114198	2249295	113925
12317787346	113407	12412344247	111911	12417834214	114198	2249966	113407
12317788222	113407	12412354701	114740	12418506657	115335	2542343	113407
12317788223	113407	12412354709	111911	12418506657	116059	4496934	113925
12317788247	112407	12414496934	113925	12418509198	115335	7501593	112193
12317789980	113881	12417501668	111911	12418509198	116059	7501599	112193
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12317790879	113970	12417508634	115940	12418515900	116001	7509100	112413

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BMW Continued</b>							
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7509342	114147	7831436	115307	0001107014	111750	0001107411	111685
7515029	114147	7834160	113896	0001107017	112321	0001107415	113613
7515030	114258	7836610	113858	0001107018	112321	0001107417	111906
7515033	114080	7837691	113858	0001107019	111130	0001107418	114162
7515390	111911	8506657	115335	0001107020	111748	0001107421	115946
7515392	111911	8507624	115581	0001107021	111748	0001107422	115946
7515426	114080	8509198	115335	0001107022	111749	0001107423	114740
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7519618	115677	8577009	115558	0001107024	112171	0001107425	114297
7519721	113858	9069808	113446	0001107025	112307	0001107426	114297
7520495	113871	<b>BOBCAT</b>		0001107026	112307	0001107427	114179
7521122	114740	6632192	110540	0001107027	111750	0001107428	114179
7521123	114740	6632211	110540	0001107028	111750	0001107429	113843
7521135	113858	6633058	112267	0001107030	111984	0001107430	114052
7521137	113858	6658884	110540	0001107033	111015	0001107431	113613
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7521382	114781	6667587	112489	0001107037	111347	0001107433	113271
7521383	114781	6669618	114205	0001107040	113177	0001107434	113271
7521384	113871	6669633	114738	0001107040	115329	0001107435	113276
7521385	113871	6670727	114685	0001107041	111030	0001107436	113276
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7521489	114781	6676957	113727	0001107045	111848	0001107438	113963
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7523606	115473	6687205	113600	0001107047	111251	0001107441	114068
7523608	115473	7169477	114388	0001107048	111347	0001107442	111911
7523897	114200	7169479	114852	0001107052	111748	0001107443	111911
7524972	114189	<b>BOMAG</b>		0001107053	111748	0001107446	115961
7525376	114524	05710906	111217	0001107054	112321	0001107447	115961
7525440	114189	05710990	110536	0001107055	112321	0001107448	114886
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7540990	114189	<b>BOMBARDIER</b>		0001107062	111015	0001107452	116054
7540992	114189	0586278DS00	111043	0001107063	111130	0001107459	115825
7550319	115658	0586279DS00	110647	0001107064	114294	0001107460	115825
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7550997	115658	0586281DS00	110240	0001107067	113605	0001107462	115770
7551252	112193	0586283DS00	110644	0001107068	112321	0001107476	115698
7551254	116012	278-000-301	111918	0001107069	112321	0001107477	115698
7559223	115658	278-000-311	111765	0001107072	111347	0001107478	115563
7570488	114295	278-000-316	111765	0001107073	112321	0001107479	115563
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7576514	114811	278-000-485	111915	0001107075	111984	0001107491	111685
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7594292	114740	278-000-577	111918	0001107078	110552	0001107493	115719
7785691	113446	278-000-987	112010	0001107079	113649	0001107499	111906
7785715	113446	278-001-937	112010	0001107080	113281	0001107500	111906
7787346	113407	<b>BOSCH</b>		0001107082	111680	0001107501	114162
7787354	114127	0001105205	113959	0001107083	114052	0001107502	114162
7787925	113446	0001106001	111059	0001107085	111015	0001107508	115394
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7792072	113896	0001106022	113761	0001107100	111848	0001107540	115313
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7797522	113896	0001106406	113960	0001107107	113706	0001108004	111131
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7802508	114689	0001107012	112321	0001107403	111347	0001108020	111030
7802929	113896	<b>STARTERS &amp; ALTERNATORS</b>		0001107404	113276	0001108022	113481
7803514	114849	O.E.M. names and numbers are used for reference purposes only.					
7804140	115335						
7823700	115335						
7823701	115335						



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0001108030	111489	0001108180	113481	0001109042	115500	0001109362	115948
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0001108035	110842	0001108183	114460	0001109046	115515	0001109370	111855
0001108037	111030	0001108184	110847	0001109047	115470	0001109371	112441
0001108039	111030	0001108186	113481	0001109047	116013	0001109371	115505
0001108040	111269	0001108188	112459	0001109048	114321	0001109375	112441
0001108047	110847	0001108190	111911	0001109052	113674	0001109376	112441
0001108050	112497	0001108196	113292	0001109055	113674	0001109379	115588
0001108051	113481	0001108197	113282	0001109057	115940	0001109380	115588
0001108052	111490	0001108202	113931	0001109062	113674	0001109387	113959
0001108053	111127	0001108203	112304	0001109064	114177	0001109388	113959
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0001108057	111030	0001108210	115816	0001109066	111995	0001109391	113959
0001108064	111400	0001108220	111769	0001109067	111995	0001109392	113959
0001108065	114118	0001108221	111769	0001109068	113674	0001109397	115588
0001108071	111269	0001108222	114178	0001109069	114689	0001109398	115588
0001108072	111010	0001108223	114178	0001109070	114689	0001109403	116082
0001108073	111010	0001108224	113931	0001109200	113446	0001109404	116082
0001108074	111029	0001108230	111911	0001109201	113446	0001109413	112439
0001108076	112131	0001108231	111911	0001109204	114092	0001109417	114304
0001108077	112131	0001108234	113931	0001109205	113959	0001109421	115948
0001108078	110847	0001108235	113931	0001109250	112440	0001109422	115948
0001108079	110847	0001108237	115996	0001109252	113303	0001110001	111060
0001108082	111269	0001108238	115996	0001109253	113430	0001110002	111060
0001108083	111030	0001108239	113931	0001109258	114094	0001110003	112295
0001108084	110842	0001108240	113931	0001109259	114094	0001110009	111069
0001108085	113443	0001108245	113292	0001109260	115938	0001110010	111069
0001108087	111750	0001108247	114321	0001109261	115938	0001110011	113745
0001108088	111489	0001108250	113282	0001109262	115939	0001110012	110839
0001108093	111127	0001108400	114460	0001109263	115939	0001110013	110867
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0001108097	112306	0001108402	114315	0001109267	114020	0001110015	111060
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0001108102	111010	0001108404	113282	0001109269	113430	0001110017	111070
0001108106	111750	0001108405	114837	0001109270	113430	0001110019	110867
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0001108109	110842	0001108410	113282	0001109300	115501	0001110026	112295
0001108110	111030	0001108411	114746	0001109301	113935	0001110028	112172
0001108111	111269	0001108412	114746	0001109302	114054	0001110033	112034
0001108112	111029	0001108415	115559	0001109302	115516	0001110041	112172
0001108113	112309	0001108415	116054	0001109303	114054	0001110042	112172
0001108114	112309	0001108428	114869	0001109303	115516	0001110043	110867
0001108115	114118	0001108429	114869	0001109304	113959	0001110045	111694
0001108118	110842	0001108442	111911	0001109305	113959	0001110055	110839
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0001108121	112235	0001108445	115559	0001109306	115505	0001110061	112167
0001108122	112340	0001108445	116054	0001109307	112441	0001110062	112167
0001108123	111492	0001108450	115444	0001109310	113303	0001110064	110867
0001108124	111347	0001108451	115444	0001109311	113303	0001110066	111694
0001108125	111029	0001108466	115559	0001109313	114054	0001110067	111694
0001108129	111015	0001108466	116054	0001109313	115516	0001110069	112166
0001108130	113443	0001108472	114315	0001109315	115948	0001110070	112166
0001108132	111030	0001109001	115540	0001109316	115948	0001110072	112553
0001108133	110842	0001109008	114106	0001109319	114094	0001110075	111851
0001108137	111865	0001109009	115816	0001109320	114094	0001110076	112286
0001108139	111750	0001109011	114741	0001109324	113959	0001110077	112286
0001108140	111750	0001109012	113268	0001109324	115510	0001110082	111619
0001108143	113481	0001109014	111851	0001109325	113959	0001110086	112166
0001108146	112455	0001109015	113674	0001109328	113959	0001110087	112166
0001108149	111347	0001109017	112496	0001109329	113959	0001110088	110867
0001108150	112459	0001109018	113752	0001109330	113900	0001110089	112295
0001108151	110847	0001109021	111995	0001109331	113900	0001110090	111865
0001108152	111269	0001109022	111995	0001109334	114054	0001110091	111851
0001108153	112818	0001109024	112533	0001109334	115516	0001110092	113752
0001108154	111490	0001109025	113446	0001109335	114054	0001110095	112295
0001108155	111030	0001109025	115506	0001109335	115516	0001110098	112286
0001108157	111911	0001109026	111070	0001109340	114092	0001110099	112286
0001108158	111269	0001109028	115697	0001109341	114092	0001110100	111817
0001108162	111029	0001109029	112034	0001109344	111996	0001110101	111817
0001108166	112818	0001109030	113430	0001109345	111996	0001110102	113752
0001108167	112818	0001109031	114053	0001109355	114402	0001110104	110867
0001108171	110847	0001109033	111724	0001109356	114402	0001110105	110867
0001108174	111769	0001109034	112006	0001109357	114055	0001110106	111694
0001108175	111769	0001109035	112534	0001109358	114055	0001110107	111694
0001108176	113443	0001109036	111851	0001109359	115344	0001110108	111694
0001108177	112459	0001109040	111865	0001109360	115344	0001110110	111908
0001108178	112459	0001109042	115397	0001109361	115948	0001110112	111851

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0001110114	112295	0001115046	114091	0001121434	114034	0001125052	112438
0001110115	110839	0001115047	114093	0001121435	115900	0001125053	114096
0001110118	112166	0001115047	115512	0001121436	115900	0001125054	114096
0001110119	112166	0001115048	114093	0001123001	114316	0001125055	114317
0001110120	111865	0001115051	114178	0001123002	116039	0001125056	114317
0001110122	111694	0001115053	115420	0001123003	116039	0001125501	112221
0001110123	111694	0001115054	115420	0001123012	113842	0001125502	112221
0001110124	113752	0001115056	115635	0001123012	115508	0001125503	112014
0001110125	111619	0001115068	114689	0001123013	113842	0001125504	112014
0001110126	111694	0001115069	114689	0001123014	113841	0001125507	112430
0001110127	111694	0001115072	114178	0001123015	113841	0001125508	112430
0001110128	111694	0001115073	114178	0001123016	113509	0001125511	112221
0001110129	111694	0001115074	114093	0001123017	113509	0001125512	112221
0001110132	112006	0001115075	114093	0001123018	114062	0001125513	112014
0001110133	111060	0001115076	114507	0001123019	114062	0001125514	112014
0001110134	111060	0001115077	114507	0001123020	114173	0001125517	112430
0001110136	111694	0001115078	114833	0001123021	114173	0001125518	112430
0001110137	111694	0001115079	114833	0001123028	114299	0001125519	114690
0001110138	111694	0001115082	115635	0001123029	114299	0001125520	114690
0001110139	111694	0001115083	115635	0001123036	115311	0001125521	115375
0001112003	111059	0001115092	113959	0001123037	115311	0001125522	115375
0001112004	111059	0001115093	113959	0001123038	113841	0001125600	114723
0001112005	112321	0001115108	114507	0001123039	113841	0001125601	114723
0001112006	112321	0001115109	114507	0001123044	115638	0001125605	113678
0001112007	110584	0001115110	115635	0001123045	115638	0001125605	115507
0001112008	111055	0001116001	111641	0001124001	111900	0001125606	113678
0001112009	111030	0001116003	111994	0001124002	111900	0001125609	114775
0001112012	111131	0001116005	111422	0001124003	112286	0001125609	115502
0001112013	112321	0001116006	113267	0001124004	112286	0001125610	114775
0001112014	112321	0001116008	114199	0001124005	113387	0001127022	111904
0001112015	111123	0001116009	115522	0001124006	113387	0001131112	110847
0001112016	111131	0001117008	111060	0001124007	111904	0001136007	115624
0001112017	113644	0001120400	113515	0001124008	111904	0001136008	115624
0001112018	110279	0001120401	113515	0001124011	111904	0001137001	115312
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0001112029	110584	0001120408	114176	0001124022	111904	0001137006	115646
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0001112032	110394	0001120411	114175	0001124025	111904	0001138001	115398
0001112033	111131	0001121001	111823	0001124026	111904	0001138002	115398
0001112035	111123	0001121002	111823	0001124027	111904	0001138003	114692
0001112036	111088	0001121003	115942	0001125001	113387	0001138004	114692
0001112037	111131	0001121006	111909	0001125002	113387	0001138005	114849
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0001112039	111748	0001121008	112005	0001125005	112286	0001138009	115399
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0001113001	111058	0001121016	112435	0001125009	114160	0001138013	115733
0001113002	111058	0001121017	112435	0001125010	114160	0001138014	115733
0001113003	111131	0001121022	114174	0001125011	113387	0001138015	115771
0001113005	111131	0001121023	114174	0001125012	111900	0001138016	115771
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0001113009	111131	0001121027	112005	0001125014	112286	0001138030	115570
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0001113011	111748	0001121028	115504	0001125016	112444	0001138040	115997
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0001113014	113750	0001121030	111823	0001125018	112429	0001138049	115562
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0001114006	111059	0001121033	115542	0001125022	112438	0001138054	115562
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0001114012	111059	0001121035	111823	0001125031	113387	0001138056	116026
0001114014	111131	0001121402	113773	0001125032	113387	0001138057	115562
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0001115021	113430	0001121412	115333	0001125042	115503	0001139001	115335
0001115025	113430	0001121413	115333	0001125043	111900	0001139001	116059
0001115035	115816	0001121422	115943	0001125046	112444	0001139002	115335
0001115040	114091	0001121423	115943	0001125047	112444	0001139002	116059
0001115041	114091	0001121427	115943	0001125048	112429	0001139015	115335
0001115042	112034	0001121428	115943	0001125049	112429	0001139015	116059
0001115045	114091	0001121433	114034	0001125051	112438	0001139016	115335

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0001139016	116059	0001153511	115607	0001208426	113847	0001218068	113674
0001139019	115636	0001155009	110364	0001208428	113847	0001218100	111125
0001139020	115636	0001155010	110364	0001208429	113847	0001218101	113134
0001139023	115986	0001155016	110364	0001208507	111066	0001218103	113846
0001139024	115986	0001155017	110364	0001208513	110336	0001218105	112290
0001139025	115334	0001157001	110364	0001208514	110831	0001218108	111065
0001139026	115334	0001157002	110364	0001208515	110585	0001218110	113389
0001139029	114850	0001157003	110364	0001208516	110587	0001218111	111120
0001139030	114850	0001157004	110364	0001208517	110585	0001218112	111120
0001139037	115998	0001157009	110364	0001208518	111068	0001218113	112537
0001139038	115998	0001157010	110364	0001208519	110831	0001218114	112537
0001139041	115735	0001157012	110364	0001208521	110336	0001218115	112537
0001139042	115735	0001157013	110364	0001208526	110585	0001218116	112052
0001139043	114742	0001157016	113974	0001208528	110585	0001218117	112052
0001139044	114742	0001157024	111055	0001208706	110336	0001218122	110844
0001139065	114742	0001157025	110364	0001208707	110587	0001218124	111851
0001139066	114742	0001157028	111055	0001208709	110865	0001218125	112454
0001139073	115735	0001157029	110364	0001208710	110865	0001218128	112290
0001139074	115735	0001157030	111055	0001208711	110865	0001218130	111120
0001139075	115636	0001170200	115999	0001208712	110865	0001218134	112533
0001139076	115636	0001170201	115999	0001208713	110865	0001218138	111851
0001139085	114742	0001170401	115312	0001208714	110865	0001218141	111421
0001139086	114742	0001170402	115312	0001208715	110336	0001218150	112440
0001139408	114850	0001170403	115312	0001208717	110585	0001218152	112439
0001139409	114850	0001172400	115400	0001208718	110336	0001218156	112440
0001142001	115401	0001172401	115400	0001211012	110363	0001218157	112053
0001142002	115401	0001172406	115558	0001211013	110363	0001218158	112454
0001142003	115338	0001172407	115558	0001211014	110363	0001218159	113451
0001142004	115338	0001177000	115696	0001211049	110336	0001218161	114053
0001142005	115337	0001177001	115696	0001211206	110336	0001218162	112440
0001142006	115337	0001177006	115696	0001211221	110858	0001218163	113134
0001145001	115336	0001177007	115696	0001211222	110858	0001218165	111065
0001145002	115336	0001177008	115696	0001211228	110336	0001218166	111874
0001147402	115734	0001177009	115696	0001211237	110831	0001218167	113134
0001147403	115734	0001179500	115560	0001211239	110831	0001218168	112439
0001147404	116002	0001179501	115560	0001211246	112289	0001218171	112533
0001147405	116002	0001179502	115818	0001211251	111061	0001218172	111855
0001147408	115339	0001179503	115818	0001211252	111061	0001218174	111996
0001147409	115339	0001179504	115944	0001211253	111061	0001218175	112454
0001148003	115768	0001179505	115944	0001211254	111061	0001218176	114055
0001148004	115768	0001179506	115561	0001211257	111059	0001218177	114233
0001148009	115335	0001179507	115561	0001211258	111059	0001218620	111115
0001148009	116059	0001179508	115561	0001211504	110865	0001218703	113846
0001148010	115335	0001179509	115561	0001211505	110865	0001218710	113389
0001148010	116059	0001179510	115560	0001211513	110336	0001218715	112537
0001148019	116001	0001179511	115560	0001211515	110831	0001218725	112454
0001148020	116001	0001179512	115560	0001211525	111058	0001218728	112290
0001148026	115335	0001179513	115560	0001211526	111058	0001218738	111851
0001148026	116059	0001179514	115818	0001211529	111058	0001218741	111421
0001148033	115335	0001179515	115818	0001211530	111058	0001218757	112053
0001148033	116059	0001179516	115944	0001211533	110336	0001218759	112436
0001148508	115335	0001179517	115944	0001211536	111025	0001218765	111065
0001148508	116059	0001179518	115561	0001211989	110336	0001218768	112439
0001148509	115335	0001179519	115561	0001211992	110363	0001218771	112533
0001148509	116059	0001179522	115944	0001211993	110363	0001218772	111855
0001149400	114742	0001179523	115944	0001211997	110363	0001218774	111996
0001149401	114742	0001208009	110997	0001211998	110363	0001218776	114055
0001149404	116083	0001208026	110997	0001212206	110864	0001218814	112439
0001149405	116083	0001208033	110997	0001212207	110864	0001218818	114318
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0001149415	116083	0001208058	110997	0001218001	112533	0001219007	114319
0001149416	116083	0001208060	110997	0001218002	112541	0001219009	114319
0001149417	116083	0001208061	110997	0001218003	111115	0001219014	114313
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0001152410	115589	0001208201	110997	0001218005	111120	0001219017	114319
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0001153001	115610	0001208211	110793	0001218009	112533	0001223002	111855
0001153002	115610	0001208216	110997	0001218011	110844	0001223003	112441
0001153005	115539	0001208217	110997	0001218012	112537	0001223004	114274
0001153006	115539	0001208218	110352	0001218013	112537	0001223005	112440
0001153007	115336	0001208219	110336	0001218016	113389	0001223007	112441
0001153008	115336	0001208220	110831	0001218017	111120	0001223013	112436
0001153009	115402	0001208225	110847	0001218018	112537	0001223016	113181
0001153010	115402	0001208226	111068	0001218019	113134	0001223021	113181
0001153013	115736	0001208416	111059	0001218020	111115	0001223022	114402
0001153014	115736	0001208417	111059	0001218021	111065	0001223024	112441
0001153019	115736	0001208418	111059	0001218023	112454	0001223502	113478
0001153020	115736	0001208419	111059	0001218024	113846	0001223503	110813
0001153510	115607	0001208425	113847	0001218026	112533	0001223504	110813

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0001230001	114395	0001251003	114307	0001311115	113705	0001358047	111004
0001230002	115609	0001251004	114307	0001311146	111489	0001358048	110525
0001230003	113478	0001251005	114196	0001311147	111489	0001358049	110536
0001230005	113478	0001251006	114196	0001312001	113705	0001358051	110530
0001230006	112071	0001260001	114275	0001313001	110869	0001358073	110536
0001230007	113182	0001260004	114275	0001313003	110869	0001358200	110461
0001230008	114195	0001260025	113570	0001313005	110869	0001358201	110461
0001230009	110522	0001260026	113570	0001313007	110869	0001358202	110461
0001230010	113182	0001261001	113891	0001314001	112172	0001358305	110536
0001230012	111001	0001261002	113891	0001314002	110869	0001359001	110551
0001230013	114320	0001261006	114702	0001314003	115470	0001359004	110530
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0001230014	112555	0001261008	114073	0001314005	110838	0001359012	110536
0001230015	115941	0001261012	114073	0001314016	113268	0001359013	113482
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0001230022	114050	0001261025	113891	0001314033	110869	0001359020	111793
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0001230027	114395	0001261026	115509	0001314035	110862	0001359027	110536
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0001231002	114523	0001261028	113891	0001314044	113981	0001359043	110525
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0001231006	113980	0001261044	114073	0001317009	110996	0001359047	110545
0001231007	112446	0001261044	115511	0001317010	110996	0001359048	110551
0001231008	113759	0001261045	114073	0001317014	110996	0001359049	110536
0001231009	113466	0001261045	115511	0001317015	110996	0001359053	110551
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0001231019	112446	0001262019	114021	0001330050	113851	0001359075	112135
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0001231028	112494	0001262029	111001	0001330060	115756	0001359084	110525
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0001231035	115513	0001263008	112494	0001354031	112249	0001359099	110551
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0001231039	114307	0001263016	114523	0001354073	111752	0001359108	110530
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0001231041	112055	0001263020	114196	0001354080	111752	0001359114	111041
0001231045	113760	0001263021	112498	0001354088	112249	0001359116	111573
0001231046	112498	0001263022	112498	0001354089	115423	0001359122	110522
0001231119	112446	0001263023	114307	0001354090	110530	0001359124	110545
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0001241015	114073	0001311027	111054	0001358027	110536	0001360027	110520
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0001241021	115892	0001311104	111054	0001358044	110536	0001360037	110524
0001241119	113934	0001311114	111054	0001358046	110536	0001360038	110527

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0001360039	110527	0001363101	110517	0001368039	113484	0001401050	110537
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0001360050	113466	0001363113	114478	0001368046	114398	0001401056	110537
0001360052	110524	0001363123	112174	0001368048	110524	0001401060	110538
0001360056	116040	0001363307	110524	0001368050	114398	0001401061	110537
0001360057	110527	0001364100	113464	0001368051	112670	0001401066	110537
0001360058	111637	0001364101	112651	0001368052	113466	0001401068	111217
0001360063	110518	0001364300	112651	0001368055	110524	0001402008	110512
0001360065	110524	0001364301	113464	0001368056	113468	0001402023	110512
0001362001	110368	0001364400	112055	0001368060	116041	0001402037	110512
0001362002	110368	0001365004	113467	0001368062	110524	0001402041	110512
0001362003	110775	0001366003	115423	0001368067	114397	0001402043	110601
0001362004	110775	0001366004	112039	0001368069	113184	0001402053	110208
0001362008	110439	0001366005	111304	0001368070	113466	0001402054	110512
0001362009	110530	0001366009	114265	0001368071	114398	0001402055	110512
0001362016	110536	0001366010	115324	0001368077	113980	0001402057	110207
0001362017	115344	0001366014	111304	0001368078	114745	0001402059	110601
0001362018	115344	0001366019	115428	0001368081	111640	0001402064	110512
0001362020	110443	0001366025	112249	0001368083	111399	0001402075	110512
0001362021	114265	0001367001	111752	0001368085	112037	0001402079	111218
0001362022	110530	0001367004	110536	0001368088	110523	0001402081	110512
0001362023	111001	0001367005	111001	0001368300	110524	0001402083	110512
0001362025	111332	0001367006	112074	0001368301	110527	0001410002	110206
0001362027	110775	0001367008	112173	0001368304	113466	0001410010	111219
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0001362029	110368	0001367013	110530	0001368306	113466	0001410021	110512
0001362030	110368	0001367014	110640	0001368307	110524	0001410024	110210
0001362032	110813	0001367017	111793	0001368309	110524	0001410029	110601
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0001362035	110530	0001367022	110460	0001368311	113353	0001410037	110214
0001362036	111001	0001367023	110529	0001368313	112055	0001410044	110208
0001362038	110775	0001367026	110519	0001368316	110527	0001410046	110207
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0001362060	110818	0001367045	113482	0001369019	111885	0001410067	110209
0001362062	110814	0001367046	113482	0001369020	112074	0001410068	110932
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0001362102	111693	0001367079	112267	0001372002	112581	0001411010	111219
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0001362306	111332	0001368007	110523	0001401007	110537	0001413001	110537
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0001362319	112267	0001368024	110524	0001401028	111217	0001414008	110208
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0001362700	112041	0001368037	113484	0001401045	110409	0001415001	110206
0001362705	114676	0001368038	110998	0001401049	110537	0001415002	110512

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
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0001415010	110601	0001420001	110999	0120339524	110077	0120421581	111086
0001415011	110533	0001420002	110347	0120339525	110077	0120450007	112288
0001415013	110207	0001420003	110999	0120339526	113469	0120450010	112288
0001415014	110212	0001420004	110999	0120339527	111180	0120450015	112288
0001415015	110212	0001420005	110999	0120339528	111180	0120450029	111814
0001415016	110208	0001420006	110347	0120339531	110641	0120465003	112194
0001415017	110582	0001420008	110347	0120339536	111662	0120465004	112194
0001415021	111219	0001420009	110999	0120339538	110766	0120465006	112557
0001415027	110206	0001420010	110347	0120339543	111649	0120465007	112806
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0001416035	110534	0101302075	111225	0120400670	110975	0120468053	112159
0001416036	110535	0101302076	111225	0120400675	112098	0120468054	112493
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0001416076	110208	0120300529	110899	0120400787	110887	0120468117	112159
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0001417001	110210	0120300535	110105	0120400791	110766	0120468122	112750
0001417002	111046	0120300545	110105	0120400796	110116	0120468123	112777
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0001417073	110532	0120339510	110178	0120400866	111289	0120468999	112076
0001417074	110532	0120339511	111649	0120400867	111289	0120469001	110895
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0001418002	110409	0120339514	110641	0120400900	111086	0120469013	113611
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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0120469022	111987	0120469666	112453	0120469999	111987	0120488200	111170
0120469023	111987	0120469673	111987	0120484001	112046	0120488201	111170
0120469024	111146	0120469679	111987	0120484002	113632	0120488202	112056
0120469025	110895	0120469686	110895	0120484003	113632	0120488203	111168
0120469026	111987	0120469687	113611	0120484009	113187	0120488204	112056
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## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
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0120489037	110877	0120489187	111035	0120489346	110891	0120489586	113376
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0120489046	110877	0120489194	111075	0120489355	110923	0120489593	111086
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0120489158	111076	0120489341	111800	0120489569	110975	0120489760	110911
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0120489183	110881	0120489343	111800	0120489583	111096	0120489762	110882
0120489185	112149	0120489345	111289	0120489584	111096	0120489763	110890

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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0120489768	113376	0120489964	110360	0121715003	116038	0123310033	111980
0120489769	113376	0120489965	110360	0121715004	113947	0123310049	111884
0120489770	110890	0120489975	110975	0121715006	115532	0123310050	113447
0120489773	110913	0120489980	110913	0121715007	115532	0123310051	111980
0120489774	110913	0120489981	110913	0121715008	115412	0123310052	115837
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0120489943	111148	0121615013	113947	0123310011	111318	0123500004	112557
0120489944	110761	0121615014	115606	0123310012	111893	0123500014	112557
0120489947	111168	0121615028	115365	0123310013	111318	0123505001	111732
0120489948	111168	0121615029	113947	0123310014	111293	0123505002	111426
0120489950	111168	0121615103	114064	0123310017	112557	0123505003	111514
0120489951	111168	0121615105	115434	0123310019	111353	0123505007	112806
0120489952	111168	0121615108	114898	0123310020	111352	0123505009	112806
0120489957	111289	0121615110	116012	0123310023	113447	0123505010	111991
0120489958	113574	0121615114	115606	0123310025	111353	0123505011	111988

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0123505014	112557	0123525501	113289	0124325039	113889	0124415013	112144
0123505016	111898	0123525502	112427	0124325040	113301	0124415014	112144
0123510002	112194	0123525502	115871	0124325044	114769	0124415015	113942
0123510004	111850	0123525503	113923	0124325045	113301	0124415016	113298
0123510005	111991	0123525503	115879	0124325046	113889	0124415025	113352
0123510007	112709	0123540002	112194	0124325049	112396	0124415030	113298
0123510012	112530	0123540003	112194	0124325051	114027	0124415032	113298
0123510014	112806	0123540004	112194	0124325052	113280	0124415038	112144
0123510018	111850	0123545001	112557	0124325053	113279	0124415040	112144
0123510021	111850	0123545003	112557	0124325056	113874	0124415041	112144
0123510022	111902	0123545004	112194	0124325058	112190	0124415043	112144
0123510023	112194	0124120001	114466	0124325059	112190	0124425004	113352
0123510026	111898	0124215002	111416	0124325060	113536	0124425005	114431
0123510027	111988	0124220008	113791	0124325062	113871	0124425009	115619
0123510028	113758	0124225001	111824	0124325070	113887	0124425013	114463
0123510038	111883	0124225002	111990	0124325073	112079	0124425015	115846
0123510039	112530	0124225004	113879	0124325074	113887	0124425018	114768
0123510040	112539	0124225010	112414	0124325079	114709	0124425019	113352
0123510049	111883	0124225011	112414	0124325080	114709	0124425020	114431
0123510050	111902	0124225018	111824	0124325081	113874	0124425022	112416
0123510051	112530	0124225020	114040	0124325083	115370	0124425023	114076
0123510053	112709	0124225022	111824	0124325084	115416	0124425026	114076
0123510059	112539	0124225023	113879	0124325085	115416	0124425027	115619
0123510060	112196	0124225024	111990	0124325087	114781	0124425029	114463
0123510060	115987	0124225028	112229	0124325088	112079	0124425034	115382
0123510061	112806	0124225037	114040	0124325090	113874	0124425037	114463
0123510063	111732	0124225041	111824	0124325091	115621	0124425041	114829
0123510066	112530	0124225046	111990	0124325093	113889	0124425050	115306
0123510067	112530	0124225049	111824	0124325093	115485	0124425053	113352
0123510068	111902	0124225050	111990	0124325095	114769	0124425056	113352
0123510073	115844	0124225051	114311	0124325096	115621	0124425058	114510
0123510074	112196	0124225052	114290	0124325097	113888	0124425059	114088
0123510074	115987	0124225055	114291	0124325099	113871	0124425060	115843
0123510075	112196	0124225056	115648	0124325100	113913	0124425070	115382
0123510075	115987	0124225058	115746	0124325101	112079	0124425071	114463
0123510079	111902	0124225063	113722	0124325101	114789	0124425074	114768
0123510080	111883	0124225063	115963	0124325102	114131	0124425077	114146
0123510081	111902	0124315001	113340	0124325105	113889	0124425093	114463
0123510082	112197	0124315003	112075	0124325108	114200	0124425096	114510
0123510089	114381	0124315004	112075	0124325116	114781	0124425097	114088
0123510100	111902	0124315005	112273	0124325122	114705	0124425097	115487
0123510101	111883	0124315014	112419	0124325125	113874	0124425100	113955
0123510107	112197	0124315016	113296	0124325127	113874	0124425100	114801
0123510108	112197	0124315019	113285	0124325128	114769	0124425111	114463
0123512500	112062	0124315024	113296	0124325129	115621	0124425112	114829
0123515001	111895	0124315025	113296	0124325130	115370	0124510001	114701
0123515002	111895	0124315027	113285	0124325131	112079	0124515004	115619
0123515003	113770	0124315029	113296	0124325135	111989	0124515005	112415
0123515004	112193	0124315032	113340	0124325135	115482	0124515010	112002
0123515008	112045	0124315033	114024	0124325137	111989	0124515010	114797
0123515010	111895	0124315035	112075	0124325139	114131	0124515010	115483
0123515012	113758	0124315100	113285	0124325140	113887	0124515011	112002
0123515013	111894	0124320001	112407	0124325145	112190	0124515011	114797
0123515014	111988	0124320002	113280	0124325148	113536	0124515012	112002
0123515016	111898	0124325001	112079	0124325149	112079	0124515012	114797
0123515017	111828	0124325001	114789	0124325150	112274	0124515013	113754
0123515018	111988	0124325003	111989	0124325157	115658	0124515017	112078
0123515020	111828	0124325003	115482	0124325158	115658	0124515018	112078
0123515022	112193	0124325004	112043	0124325160	113874	0124515019	112072
0123515023	111895	0124325006	112073	0124325163	114668	0124515020	113754
0123515024	113758	0124325008	112418	0124325166	114681	0124515021	113754
0123515028	111894	0124325009	112190	0124325168	113352	0124515022	113275
0123515500	113949	0124325010	113832	0124325171	114492	0124515024	113283
0123515501	113949	0124325011	113887	0124325172	114202	0124515025	113882
0123515502	113899	0124325012	112079	0124325176	114131	0124515026	112397
0123515503	113949	0124325013	112274	0124325178	114019	0124515027	113283
0123520002	113885	0124325016	114027	0124325178	116047	0124515028	113751
0123520006	113489	0124325017	112399	0124325185	112144	0124515033	113352
0123520007	111850	0124325018	112396	0124325186	114131	0124515034	113283
0123520008	111850	0124325019	112399	0124325190	115707	0124515035	112402
0123520011	113489	0124325020	116017	0124325221	114202	0124515038	113754
0123520012	113489	0124325021	113888	0124415002	112416	0124515040	113751
0123520013	113489	0124325022	113888	0124415005	113879	0124515045	112535
0123520015	114735	0124325023	111967	0124415006	112198	0124515046	113300
0123520017	113489	0124325024	112144	0124415007	112144	0124515050	112193
0123520022	114452	0124325025	112399	0124415008	111426	0124515053	113878
0123520023	112425	0124325031	112144	0124415009	113352	0124515054	112072
0123525500	113923	0124325032	112274	0124415010	112720	0124515055	113835
0123525500	115879	0124325035	113888	0124415011	112190	0124515056	113302

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0124515057	112402	0124525074	114884	0124555058	114212	0124655037	115617
0124515058	113751	0124525076	114700	0124555065	113351	0124655037	115618
0124515059	113878	0124525080	113858	0124555065	115497	0124655039	115617
0124515061	112197	0124525080	115976	0124555117	114089	0124655039	115618
0124515064	112197	0124525081	114721	0124555117	115495	0124655057	116098
0124515068	113754	0124525082	114354	0124555118	114089	0124655065	115481
0124515072	115835	0124525084	113837	0124555118	115495	0124655073	115805
0124515073	115835	0124525087	113510	0124555555	114212	0124655082	114296
0124515080	112415	0124525088	114722	0124615002	112460	0124655097	113351
0124515083	112397	0124525089	113252	0124615006	113884	0124655102	116098
0124515084	114210	0124525091	113992	0124615007	113510	0124655125	115808
0124515086	111732	0124525092	113992	0124615012	114836	0124655161	115808
0124515087	113836	0124525093	114884	0124615015	112425	0124655291	115805
0124515088	113877	0124525098	113884	0124615017	113884	0124655292	115805
0124515090	113836	0124525101	115649	0124615018	114663	0124655293	114314
0124515091	112197	0124525102	113992	0124615019	112425	0124655294	114314
0124515095	113352	0124525113	115367	0124615027	112461	0124655331	114078
0124515098	113871	0124525114	114322	0124615029	113899	0124655331	115494
0124515105	115677	0124525116	114780	0124615030	114834	0124655332	114078
0124515110	112002	0124525119	115718	0124615031	113947	0124655332	115494
0124515110	114797	0124525125	115452	0124615032	114663	0125711001	116061
0124515113	114701	0124525128	113884	0124615033	112425	0125711014	115606
0124515114	112197	0124525130	115955	0124615035	112197	0125711017	113958
0124515115	114210	0124525132	114122	0124615038	113884	0125711048	115606
0124515117	112002	0124525133	113837	0124615040	113884	0125711058	116061
0124515117	114797	0124525135	114122	0124615043	114379	0125711059	113958
0124515118	112197	0124525136	115716	0124615044	114836	0125711059	115499
0124515120	114701	0124525137	114700	0124615046	114836	0125711101	116061
0124515121	112002	0124525139	114721	0124615049	114836	0125711102	116061
0124515121	114797	0124525140	114354	0124615053	112196	0125711131	116061
0124515124	112002	0124525141	113837	0124615053	115987	0125711132	116061
0124515124	114797	0124525146	115730	0124615055	115844	0125811005	115412
0124515125	112002	0124525147	113949	0124625002	113274	0125811020	115412
0124515125	114797	0124525151	115649	0124625003	115709	0125811021	115739
0124515126	112062	0124525188	115528	0124625006	113951	0125811027	115712
0124515131	113835	0124525201	115765	0124625007	114737	0125811028	115712
0124515132	113302	0124525207	115716	0124625010	114453	0125811029	115739
0124515198	113877	0124525208	114354	0124625014	113953	0136350013	112311
0124525001	113272	0124525226	115367	0124625018	113947	0136355012	111466
0124525008	113510	0124525520	113510	0124625019	113944	0136355014	111466
0124525009	114722	0124525525	113992	0124625020	115318	0136355037	111466
0124525010	113252	0124525527	114884	0124625022	115383	0136355038	111466
0124525014	113272	0124525531	114780	0124625023	114454	0136355042	111466
0124525015	114468	0124525533	113837	0124625024	115708	0136355057	111466
0124525016	113273	0124525534	114721	0124625025	115708	0136355061	111466
0124525017	114257	0124525538	115649	0124625028	114109	0136355067	111466
0124525019	115907	0124525540	114354	0124625029	114211	0136355080	111092
0124525020	114765	0124525545	115765	0124625030	114211	0136355081	111091
0124525026	113858	0124525561	113871	0124625031	113707	0136501074	112575
0124525026	115976	0124555001	113351	0124625045	113953	0136603002	113852
0124525027	113275	0124555002	113351	0124655001	113351	0986010030	111055
0124525028	113945	0124555003	113284	0124655002	113351	0986010030	111055
0124525029	113272	0124555003	115491	0124655003	115617	0986010030	111123
0124525030	114656	0124555004	113351	0124655003	115618	0986010031	111055
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0124525034	113755	0124555005	115484	0124655005	114296	0986010033	111055
0124525035	113640	0124555006	114036	0124655005	115489	0986010040	110364
0124525035	116067	0124555007	113351	0124655007	114753	0986010041	110364
0124525039	113992	0124555008	114028	0124655007	115498	0986010110	110997
0124525040	114656	0124555008	115493	0124655008	114212	0986010117	110997
0124525042	113871	0124555009	114212	0124655009	113998	0986010200	110793
0124525043	114122	0124555011	113351	0124655011	113998	0986010200	111066
0124525044	113837	0124555013	115486	0124655011	115492	0986010201	110793
0124525045	113871	0124555014	114008	0124655012	114212	0986010201	111066
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0124525049	114122	0124555016	113351	0124655013	115845	0986010247	111131
0124525050	113992	0124555017	114212	0124655014	114314	0986010248	111131
0124525054	115905	0124555018	114089	0124655016	113351	0986010268	111068
0124525055	115905	0124555018	115495	0124655019	114212	0986010300	111131
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0124525064	114705	0124555034	114753	0124655025	115496	0986010398	111131
0124525064	115490	0124555040	113284	0124655026	114753	0986010400	110336
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0124525070	115716	0124555041	115491	0124655036	115618	0986010408	110336

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0986010408	.....111131	0986011310	.....110517	0986012627	.....113446	0986013600	.....111489
0986010418	.....111058	0986011310	.....110521	0986012627	.....115506	0986013607	.....111489
0986010450	.....111228	0986011311	.....110521	0986012670	.....110529	0986013618	.....110847
0986010450	.....112124	0986011330	.....110518	0986012670	.....110813	0986013618	.....111122
0986010450	.....112289	0986011331	.....110518	0986012671	.....110813	0986013650	.....113134
0986010451	.....112124	0986011340	.....110520	0986012680	.....112135	0986013660	.....113846
0986010451	.....112289	0986011360	.....110524	0986012690	.....110368	0986013680	.....110536
0986010468	.....110865	0986011370	.....112132	0986012700	.....113464	0986013690	.....110545
0986010470	.....111061	0986011380	.....111637	0986012710	.....110530	0986013690	.....114254
0986010477	.....111061	0986011430	.....110214	0986012720	.....110522	0986013700	.....113484
0986010498	.....111058	0986011440	.....110531	0986012730	.....110535	0986013720	.....113468
0986010530	.....110363	0986011460	.....110534	0986012740	.....110208	0986013733	.....110206
0986010547	.....110363	0986011480	.....114438	0986012780	.....111047	0986013740	.....110365
0986010570	.....110864	0986011480	.....114744	0986012821	.....110260	0986013741	.....110365
0986010577	.....110864	0986011490	.....110206	0986012831	.....110182	0986013770	.....112670
0986010590	.....111114	0986011490	.....110210	0986012871	.....110158	0986013801	.....110793
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0986010600	.....111115	0986011520	.....110205	0986012881	.....110421	0986013861	.....111063
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0986010717	.....111269	0986011611	.....111102	0986012980	.....110838	0986014051	.....110312
0986010718	.....110336	0986011651	.....110367	0986012990	.....110869	0986014051	.....111442
0986010718	.....110831	0986011658	.....110367	0986013000	.....110862	0986014061	.....110312
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0986010858	.....110869	0986011748	.....110367	0986013088	.....110839	0986014141	.....111461
0986010858	.....110997	0986011748	.....110866	0986013098	.....110867	0986014141	.....111476
0986010890	.....110862	0986011770	.....111063	0986013098	.....112290	0986014151	.....110292
0986010900	.....110838	0986011771	.....111063	0986013100	.....110844	0986014281	.....110386
0986010907	.....110838	0986011830	.....110866	0986013120	.....110587	0986014281	.....110719
0986010920	.....110996	0986011838	.....110367	0986013120	.....111070	0986014341	.....111451
0986010927	.....110996	0986011838	.....110866	0986013121	.....110587	0986014350	.....110394
0986010928	.....110996	0986011871	.....110338	0986013121	.....111070	0986014351	.....110394
0986010930	.....110839	0986011891	.....110365	0986013140	.....111112	0986014361	.....111561
0986010947	.....111069	0986011898	.....110365	0986013140	.....111120	0986014371	.....111310
0986010950	.....110461	0986011898	.....111585	0986013147	.....111120	0986014391	.....110396
0986010950	.....112251	0986011910	.....110352	0986013150	.....111851	0986014431	.....110581
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0986010990	.....110536	0986012171	.....110315	0986013228	.....111030	0986014580	.....115540
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0986011080	.....110812	0986012291	.....110279	0986013280	.....111750	0986014628	.....111694
0986011081	.....110812	0986012291	.....111312	0986013293	.....111131	0986014630	.....112321
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0986011180	.....113467	0986012358	.....110336	0986013420	.....110582	0986014718	.....110365
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0986011240	.....110525	0986012470	.....110465	0986013501	.....110149	0986014837	.....113847
0986011270	.....110523	0986012480	.....110212	0986013501	.....110808	0986014840	.....111400
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0986011280	.....110527	0986012600	.....111059	0986013511	.....110808	0986014850	.....113482
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0986011291	.....111640	0986012620	.....112533	0986013590	.....111058	0986014860	.....111127

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0986014861	111123	0986016350	111750	0986017290	112135	0986018220	110867
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0986014870	110209	0986016387	111347	0986017300	115506	0986018230	111131
0986014890	112172	0986016390	111065	0986017310	112039	0986018240	111131
0986014897	112172	0986016390	112440	0986017320	111771	0986018240	111269
0986014900	111911	0986016397	112440	0986017330	112459	0986018250	112537
0986014900	114118	0986016400	111251	0986017337	112459	0986018260	110847
0986014907	114118	0986016401	111251	0986017381	112295	0986018260	111122
0986014910	110207	0986016411	110854	0986017391	112295	0986018270	112440
0986014920	110205	0986016431	111189	0986017420	113674	0986018277	112440
0986014971	110389	0986016431	111552	0986017430	111855	0986018290	111855
0986014981	110149	0986016441	111548	0986017437	111855	0986018297	111855
0986014981	110808	0986016451	111310	0986017440	111865	0986018310	114460
0986014991	110149	0986016470	112235	0986017447	111865	0986018321	111534
0986014991	110394	0986016480	112340	0986017450	111904	0986018331	111690
0986014991	110808	0986016500	111984	0986017460	111900	0986018340	111769
0986014991	112215	0986016520	110210	0986017490	111996	0986018347	111769
0986015001	110709	0986016530	111130	0986017500	111874	0986018350	112431
0986015010	110585	0986016531	111130	0986017500	112006	0986018360	113761
0986015011	110585	0986016531	113443	0986017510	112074	0986018370	113609
0986015040	112660	0986016550	112555	0986017520	111399	0986018380	112221
0986015047	112660	0986016557	112555	0986017530	111680	0986018390	112429
0986015090	112290	0986016570	110585	0986017541	111312	0986018397	112429
0986015150	111750	0986016570	113481	0986017551	111459	0986018400	113605
0986015158	111131	0986016577	113481	0986017561	110323	0986018410	112236
0986015158	111750	0986016581	111303	0986017591	111550	0986018420	110582
0986015178	110831	0986016591	111608	0986017601	111445	0986018430	112435
0986015200	111030	0986016611	111114	0986017611	111565	0986018450	114321
0986015331	111387	0986016611	112541	0986017641	111544	0986018467	111911
0986015341	110386	0986016651	112214	0986017651	110158	0986018470	113677
0986015341	110719	0986016651	113024	0986017661	111459	0986018480	113271
0986015420	112041	0986016660	112818	0986017681	111311	0986018490	112441
0986015427	112041	0986016667	112818	0986017691	110158	0986018500	112438
0986015430	110980	0986016681	112083	0986017721	110958	0986018521	111029
0986015540	110368	0986016700	112166	0986017743	111851	0986018541	112217
0986015610	112454	0986016707	112166	0986017750	111793	0986018551	111442
0986015670	111231	0986016730	113644	0986017760	111910	0986018561	111508
0986015680	110347	0986016740	111805	0986017770	111685	0986018570	111931
0986015680	111000	0986016750	112306	0986017781	111420	0986018571	111931
0986015701	111214	0986016780	112309	0986017790	113931	0986018581	113605
0986015740	113745	0986016787	112309	0986017810	112224	0986018591	111251
0986015747	113745	0986016790	113750	0986017830	111909	0986018601	112214
0986015751	111312	0986016800	112307	0986017830	115504	0986018630	113267
0986015761	111564	0986016800	113750	0986017837	111909	0986018680	112006
0986015920	114318	0986016860	112459	0986017840	111641	0986018690	113649
0986015930	111421	0986016870	113752	0986017860	111640	0986018701	113649
0986015947	111851	0986016880	111848	0986017863	111640	0986018711	111730
0986015970	112286	0986016890	110847	0986017870	113468	0986018721	110808
0986015977	112286	0986016897	110847	0986017920	111848	0986018731	111476
0986015981	110807	0986016900	111619	0986017930	111994	0986018741	113665
0986016001	110811	0986016920	112553	0986017940	111823	0986018751	110708
0986016011	110810	0986016927	112553	0986017950	112454	0986018751	113936
0986016021	110575	0986016950	112053	0986017960	114233	0986018761	111550
0986016031	110574	0986016980	111900	0986017970	115472	0986018770	113761
0986016031	111805	0986016990	113387	0986017980	112055	0986018780	112581
0986016041	110719	0986016997	113387	0986017990	113979	0986018790	110212
0986016110	112131	0986017000	111900	0986018000	115345	0986018810	110532
0986016117	112131	0986017000	112286	0986018010	111123	0986018837	114295
0986016120	113443	0986017007	112286	0986018010	113276	0986018840	113286
0986016151	111136	0986017020	113451	0986018020	111995	0986018847	113286
0986016161	111274	0986017030	111422	0986018040	112005	0986018850	111347
0986016171	111136	0986017041	110365	0986018047	112005	0986018857	111347
0986016190	112167	0986017041	111585	0986018060	111817	0986018860	114814
0986016197	112167	0986017050	112116	0986018067	111817	0986018880	112445
0986016210	110354	0986017060	111906	0986018070	112034	0986018890	113292
0986016210	110441	0986017070	111906	0986018077	112171	0986018900	113430
0986016210	112439	0986017100	110212	0986018080	112040	0986018910	113303
0986016240	111694	0986017110	111911	0986018087	112040	0986018940	112430
0986016247	111694	0986017117	111911	0986018090	112116	0986018950	112441
0986016290	111059	0986017120	111123	0986018110	112171	0986018950	115505
0986016290	111748	0986017120	113276	0986018151	110615	0986018960	112436
0986016290	111909	0986017123	111123	0986018161	110819	0986018980	113182
0986016297	111748	0986017180	111908	0986018170	114178	0986018987	113182
0986016300	111749	0986017240	114523	0986018190	111010	0986018990	112446
0986016307	111749	0986017250	110214	0986018197	111010	0986019000	112026
0986016330	112321	0986017260	111851	0986018200	111059	0986019010	113277
0986016337	112321	0986017260	112440	0986018200	111748	0986019020	112071
0986016340	112052	0986017267	112440	0986018207	111059	0986019030	113346
0986016350	111131	0986017280	111752	0986018210	110839	0986019040	111015

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0986019081	111305	0986020571	114889	0986022250	115439	0986023490	112388
0986019091	113040	0986020581	111874	0986022250	115876	0986023510	110443
0986019121	113665	0986020591	113938	0986022260	114073	0986023520	114108
0986019131	113649	0986020601	113757	0986022260	115511	0986023530	114074
0986019141	111455	0986020611	114223	0986022280	115825	0986023540	113323
0986019151	110713	0986020621	111463	0986022287	115825	0986023550	114125
0986019161	111455	0986020681	112368	0986022290	115333	0986023560	114071
0986019171	111679	0986020691	111382	0986022297	115333	0986023570	113906
0986019217	111900	0986020711	111485	0986022337	112651	0986023580	114030
0986019237	111490	0986020731	111970	0986022400	114307	0986023590	113672
0986019247	111851	0986020741	111728	0986022411	113962	0986023590	115881
0986019267	111127	0986020751	111549	0986022437	114837	0986023620	112340
0986019271	112295	0986020771	111785	0986022450	114094	0986023700	111103
0986019301	114123	0986020780	113515	0986022460	114723	0986023710	111021
0986019311	114758	0986020801	111023	0986022480	110552	0986023750	114820
0986019320	111693	0986020867	114315	0986022490	114052	0986023760	113909
0986019357	110865	0986020870	113276	0986022500	115816	0986023780	112304
0986019361	112320	0986020877	115395	0986022510	115542	0986023790	111088
0986019363	112320	0986020880	113608	0986022561	111374	0986023800	112014
0986019477	112321	0986020900	114162	0986022581	113925	0986023820	110442
0986019487	114316	0986021030	113761	0986022601	112322	0986023830	111982
0986019500	113282	0986021041	112026	0986022611	115362	0986023870	115361
0986019507	113282	0986021051	112218	0986022621	113965	0986023880	113860
0986019537	111004	0986021083	114523	0986022631	114119	0986023910	113314
0986019547	110536	0986021083	115514	0986022640	114031	0986023930	115962
0986019550	114160	0986021147	113613	0986022640	115892	0986023940	115562
0986019557	114160	0986021190	113760	0986022680	111346	0986023947	115562
0986019567	110536	0986021220	114096	0986022690	112365	0986023963	116001
0986019597	111865	0986021230	114091	0986022700	112370	0986023970	115643
0986019617	111112	0986021240	113843	0986022710	113446	0986023980	113521
0986019820	113181	0986021270	115939	0986022720	111912	0986024000	112442
0986019827	113181	0986021283	115770	0986022730	114029	0986024010	115394
0986019860	111724	0986021287	113282	0986022740	113445	0986024017	115394
0986019870	113276	0986021307	114178	0986022750	110462	0986024020	115312
0986019873	113276	0986021351	112821	0986022760	113662	0986024030	115635
0986019880	111492	0986021351	115870	0986022770	113327	0986024040	115636
0986019890	111909	0986021360	114093	0986022780	111307	0986024050	114775
0986019900	112533	0986021360	115512	0986022790	113933	0986024050	115502
0986019920	113281	0986021480	113891	0986022800	113897	0986024057	114775
0986019930	111685	0986021480	115509	0986022810	113932	0986024057	115502
0986019940	114051	0986021490	113934	0986022820	113329	0986024060	114849
0986019980	113446	0986021500	114740	0986022840	113910	0986024070	115961
0986020001	110443	0986021507	114740	0986022850	113794	0986024090	114053
0986020041	111241	0986021530	114886	0986022880	114072	0986024100	114299
0986020070	113759	0986021550	113963	0986022900	113756	0986024180	115947
0986020073	113759	0986021590	113962	0986022910	113930	0986024190	114095
0986020091	112103	0986021640	113935	0986022930	114127	0986024200	113719
0986020093	112103	0986021640	115501	0986022940	112822	0986024200	115869
0986020131	112474	0986021651	113254	0986022940	115880	0986024210	112382
0986020141	112475	0986021671	113929	0986022950	113361	0986024220	114161
0986020170	112498	0986021741	113927	0986022970	111349	0986024240	114059
0986020181	110461	0986021767	112172	0986022980	113851	0986024250	114171
0986020181	112251	0986021777	114316	0986022980	115885	0986024260	111984
0986020190	111638	0986021787	112074	0986023023	115771	0986024270	110720
0986020190	114047	0986021800	115770	0986023033	114850	0986024280	111300
0986020193	111638	0986021803	115770	0986023057	114692	0986024330	112215
0986020210	115942	0986021810	113959	0986023107	114742	0986024340	112336
0986020217	115942	0986021810	115510	0986023117	115734	0986024350	112474
0986020230	113773	0986021820	114092	0986023120	114054	0986024367	115311
0986020237	113773	0986021830	113430	0986023120	115516	0986024390	113977
0986020240	114163	0986021857	114178	0986023137	116002	0986024520	115607
0986020250	113842	0986021870	112444	0986023180	113702	0986024550	115589
0986020250	115508	0986021907	114477	0986023190	110565	0986024590	114742
0986020257	113842	0986021910	116039	0986023220	113937	0986024590	114742
0986020257	115508	0986021917	116039	0986023230	114060	0986024597	114742
0986020260	113841	0986021970	113960	0986023240	114216	0986024660	114733
0986020267	113841	0986021973	113960	0986023260	114056	0986024660	115894
0986020280	113509	0986021977	113960	0986023270	113984	0986024670	114193
0986020287	113509	0986022010	115398	0986023290	115339	0986024680	114283
0986020350	113513	0986022027	115335	0986023340	113445	0986024700	114487
0986020357	113513	0986022027	116059	0986023370	113796	0986024750	114279
0986020381	111305	0986022033	112320	0986023380	113911	0986024980	115558
0986020391	113040	0986022061	114058	0986023420	110576	0986024990	114310
0986020401	111971	0986022101	111849	0986023430	112823	0986024990	115888
0986020411	113638	0986022151	112380	0986023430	115872	0986025003	115999
0986020421	112370	0986022151	115951	0986023440	110439	0986025027	115335
0986020501	112300	0986022240	114507	0986023450	111760	0986025027	116059
0986020531	111455	0986022243	114507	0986023460	110447	0986025070	115336
0986020541	113314	0986022247	114507	0986023470	111552	0986025077	115336

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0986025080	115570	0986030520	110895	0986031058	110178	0986032381	110258
0986025120	115998	0986030530	111139	0986031058	110759	0986032391	110137
0986025127	115998	0986030538	111139	0986031058	111289	0986032391	110138
0986025130	115997	0986030540	111139	0986031058	113378	0986032401	110137
0986025150	115337	0986030548	111139	0986031070	112310	0986032401	110138
0986025160	115735	0986030610	110360	0986031090	111153	0986032401	110258
0986025167	115735	0986030618	110360	0986031091	111153	0986032421	110138
0986025170	115401	0986030620	110913	0986031100	110360	0986032431	110128
0986025180	115624	0986030628	110913	0986031108	110360	0986032451	110128
0986025190	115399	0986030660	111141	0986031108	110913	0986032451	110133
0986025210	115646	0986030670	110877	0986031118	110913	0986032571	110138
0986025220	115338	0986030680	110877	0986031120	111096	0986032591	110138
0986025230	115733	0986030700	110877	0986031127	111096	0986032591	110248
0986025250	115440	0986030720	110358	0986031178	110969	0986032611	110318
0986025290	115639	0986030721	110358	0986031190	110112	0986032621	110134
0986025320	112367	0986030730	111085	0986031190	110112	0986032621	110168
0986025340	114255	0986030731	111085	0986031190	112784	0986032641	110136
0986025350	115638	0986030740	110360	0986031190	113477	0986032651	110168
0986025357	115638	0986030748	110360	0986031210	110911	0986032651	110264
0986025360	115900	0986030748	110913	0986031230	110116	0986032661	110168
0986025370	115588	0986030750	110913	0986031237	110116	0986032661	110307
0986025380	114833	0986030751	110913	0986031251	111834	0986032671	110458
0986025390	115698	0986030758	110913	0986031260	110766	0986032681	110168
0986025450	113830	0986030760	111289	0986031270	112098	0986032710	112742
0986025450	115884	0986030760	111289	0986031270	112098	0986032710	112742
0986025460	114872	0986030760	111362	0986031290	111141	0986032720	111834
0986025460	115875	0986030760	113474	0986031300	111141	0986032720	111834
0986025470	113926	0986030768	110770	0986031310	110113	0986032727	111834
0986025480	112124	0986030768	111289	0986031320	110117	0986032738	112729
0986025490	110713	0986030768	111362	0986031330	112736	0986032770	110975
0986025500	113701	0986030770	111289	0986031330	112736	0986032781	110350
0986025530	114196	0986030778	110969	0986031340	112097	0986032790	111076
0986025550	115768	0986030778	111086	0986031340	112097	0986032790	112162
0986025580	114145	0986030778	111184	0986031350	110759	0986032791	111076
0986025620	114239	0986030778	111289	0986031350	111289	0986032800	110358
0986025640	115524	0986030780	111086	0986031358	111289	0986032930	110881
0986025660	113931	0986030788	110969	0986031380	111289	0986032940	110881
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0986025700	115725	0986030788	111289	0986031388	110968	0986033070	113469
0986025710	114885	0986030788	111364	0986031388	111185	0986033070	113469
0986025720	114443	0986030790	111289	0986031388	111289	0986033090	113611
0986025730	114232	0986030798	110911	0986031400	110358	0986033090	113611
0986025740	115637	0986030798	111185	0986031408	110358	0986033100	111146
0986025750	115627	0986030798	111289	0986031410	110611	0986033120	111147
0986025760	114871	0986030800	110179	0986031410	111138	0986033140	111149
0986025770	114057	0986030800	110759	0986031411	111138	0986033150	111149
0986025820	114746	0986030800	111086	0986031411	111138	0986033170	111147
0986025860	111122	0986030848	112271	0986031411	112768	0986033180	110919
0986025870	115560	0986030850	110077	0986031430	110358	0986033181	110919
0986025890	114069	0986030850	111767	0986031431	110358	0986033188	110919
0986025960	115641	0986030870	111656	0986031450	110761	0986033200	111653
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0986026050	114159	0986030880	111166	0986031470	110360	0986033228	111289
0986026090	113629	0986030880	113376	0986031478	110360	0986033230	110890
0986026150	115561	0986030881	111166	0986031508	110975	0986033240	111289
0986027010	115986	0986030881	113376	0986031520	111653	0986033248	111289
0986027020	115598	0986030900	110972	0986031528	111653	0986033250	111035
0986029120	115944	0986030901	110972	0986031530	111653	0986033250	112719
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0986030057	111225	0986030908	111168	0986031600	111629	0986033288	110923
0986030110	111649	0986030918	111168	0986031691	110178	0986033288	111093
0986030110	111948	0986030920	110972	0986031701	110178	0986033290	110923
0986030120	110899	0986030928	110972	0986031830	110975	0986033290	111093
0986030120	111180	0986030928	111168	0986031931	110743	0986033298	110923
0986030120	111180	0986030928	111800	0986031981	110144	0986033298	111093
0986030120	111418	0986030938	111168	0986032020	110743	0986033310	111289
0986030120	115873	0986030948	111035	0986032021	110743	0986033318	111289
0986030121	111180	0986030948	111148	0986032061	111075	0986033320	110105
0986030130	110641	0986030970	110890	0986032100	110611	0986033330	110766
0986030140	111662	0986030971	110890	0986032120	110890	0986033350	110913
0986030150	112098	0986030971	111686	0986032241	111071	0986033358	110913
0986030150	112098	0986030980	110890	0986032301	111289	0986033400	110895
0986030170	112098	0986030980	110912	0986032310	111072	0986033461	110138
0986030170	112098	0986030980	111138	0986032311	111072	0986033461	110258
0986030270	110113	0986030981	110912	0986032311	111171	0986033471	110267
0986030290	110766	0986031000	111075	0986032340	111078	0986033471	110703
0986030300	110116	0986031008	111075	0986032341	111078	0986033481	110128
0986030340	112098	0986031040	110911	0986032381	110137	0986033510	110113
0986030350	110887	0986031041	110911	0986032381	110138	0986033510	110761

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0986033520	111629	0986034311	112270	0986035151	110134	0986036581	111368
0986033540	110766	0986034321	110250	0986035211	110318	0986036581	111754
0986033550	111629	0986034331	110138	0986035341	112970	0986036590	110607
0986033570	110113	0986034341	110563	0986035371	110706	0986036590	111368
0986033620	112288	0986034350	110112	0986035401	110168	0986036590	111754
0986033670	111093	0986034350	112784	0986035401	110307	0986036611	110607
0986033680	111093	0986034370	111658	0986035411	110264	0986036611	111754
0986033710	111149	0986034370	112345	0986035411	112270	0986036631	111623
0986033720	111149	0986034390	110348	0986035430	110703	0986036631	111742
0986033728	111093	0986034390	110350	0986035431	110267	0986036631	115890
0986033728	111149	0986034391	110348	0986035461	110965	0986036641	110374
0986033730	111093	0986034400	110895	0986035491	110258	0986036641	110620
0986033740	110923	0986034420	111419	0986035501	111435	0986036660	112750
0986033750	110923	0986034420	111987	0986035501	111538	0986036690	111176
0986033780	110358	0986034430	112747	0986035501	111705	0986036690	111293
0986033810	110923	0986034430	112747	0986035511	110248	0986036701	112325
0986033810	111093	0986034450	111164	0986035521	110248	0986036750	111620
0986033811	111093	0986034450	111164	0986035601	110496	0986036750	111654
0986033820	110116	0986034461	111800	0986035601	111705	0986036750	111686
0986033823	110116	0986034468	111169	0986035630	111686	0986036780	112453
0986033830	111364	0986034468	111800	0986035631	111686	0986036790	112765
0986033831	111364	0986034468	112056	0986035641	111036	0986036800	111215
0986033840	111528	0986034470	110891	0986035641	111621	0986036800	113632
0986033840	111528	0986034473	110891	0986035700	112771	0986036800	113632
0986033840	111658	0986034480	111148	0986035710	112453	0986036810	111354
0986033840	113477	0986034490	110882	0986035720	112780	0986036820	111354
0986033841	113477	0986034500	111094	0986035760	110882	0986036820	111354
0986033841	113477	0986034501	111094	0986035760	111418	0986036820	112529
0986033850	111364	0986034508	111094	0986035760	115873	0986036851	112162
0986033860	111086	0986034510	112149	0986035770	112453	0986036851	112292
0986033860	111364	0986034511	112149	0986035901	110138	0986036880	111321
0986033870	110919	0986034518	111094	0986035901	110496	0986036881	111321
0986033878	110919	0986034518	112149	0986035901	110628	0986036891	112754
0986033880	110882	0986034520	111288	0986035910	113470	0986036920	111146
0986033881	110882	0986034521	112763	0986036010	111289	0986036930	110360
0986033890	110890	0986034558	111287	0986036010	111362	0986036941	113500
0986033890	110912	0986034560	111287	0986036020	110770	0986036951	111075
0986033890	110912	0986034570	112149	0986036020	111289	0986036961	110622
0986033890	111148	0986034600	111842	0986036020	111362	0986037070	111352
0986033890	112719	0986034610	112343	0986036041	111176	0986037110	110891
0986033891	110882	0986034620	110358	0986036048	111176	0986037120	111654
0986033891	110912	0986034621	110358	0986036060	110770	0986037121	111620
0986033891	110912	0986034640	111148	0986036060	111289	0986037140	111620
0986033891	112719	0986034650	111166	0986036060	111356	0986037150	111620
0986033891	112768	0986034651	111166	0986036060	111364	0986037150	111686
0986033940	110770	0986034660	112056	0986036063	111356	0986037160	111148
0986033940	111289	0986034661	112056	0986036071	113920	0986037170	111148
0986033940	113574	0986034668	110972	0986036110	111289	0986037210	112087
0986033940	113574	0986034668	111169	0986036150	111741	0986037221	110163
0986033950	110770	0986034668	111800	0986036191	111176	0986037241	111331
0986033991	111082	0986034668	112056	0986036198	110770	0986037261	110927
0986034008	111072	0986034700	112746	0986036198	111176	0986037271	111048
0986034020	112734	0986034710	112746	0986036211	111176	0986037281	111171
0986034030	112734	0986034740	111082	0986036230	112768	0986037301	111171
0986034048	110911	0986034740	112728	0986036230	112768	0986037311	113500
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0986034050	111093	0986034781	111171	0986036260	112763	0986037340	112194
0986034060	111093	0986034801	111072	0986036268	111288	0986037340	112194
0986034070	112288	0986034801	111171	0986036268	112763	0986037380	112194
0986034070	112288	0986034810	112744	0986036280	112757	0986037380	112194
0986034080	111147	0986034811	112744	0986036301	110675	0986037380	112539
0986034110	111147	0986034818	112744	0986036301	111428	0986037410	110895
0986034130	112729	0986034830	111841	0986036331	112297	0986037420	111629
0986034188	110107	0986034831	111841	0986036350	112734	0986037440	113920
0986034188	111948	0986034851	111171	0986036360	112734	0986037450	110105
0986034200	111289	0986034861	110889	0986036471	110664	0986037450	113632
0986034220	112149	0986034910	111629	0986036471	111237	0986037450	113632
0986034221	110919	0986034940	113611	0986036480	111076	0986037491	111237
0986034221	112149	0986034940	113611	0986036480	112162	0986037561	110967
0986034230	112149	0986034990	111154	0986036481	112162	0986037581	111428
0986034231	112149	0986034990	112763	0986036501	110385	0986037760	112803
0986034240	112735	0986035018	111154	0986036510	111287	0986037770	112159
0986034241	112149	0986035020	112453	0986036530	111170	0986037791	111071
0986034248	112735	0986035061	110258	0986036538	111170	0986037791	112299
0986034260	111141	0986035111	110675	0986036540	111166	0986037811	111187
0986034270	110906	0986035111	110927	0986036540	111170	0986037831	111187
0986034270	113920	0986035131	110969	0986036561	111368	0986037890	110881
0986034281	110136	0986035141	110664	0986036581	110607	0986037901	111841

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0986037901	112744	0986039150	112810	0986040360	111988	0986041747	112072
0986037970	112194	0986039170	112557	0986040370	112557	0986041750	112426
0986037970	112539	0986039210	111991	0986040461	111518	0986041760	112428
0986037970	112539	0986039210	112709	0986040471	111579	0986041771	111186
0986037990	112194	0986039230	112689	0986040491	111317	0986041781	111186
0986037990	112194	0986039240	111426	0986040501	111518	0986041790	111515
0986038003	110697	0986039240	111732	0986040511	110802	0986041791	111515
0986038011	110496	0986039250	111514	0986040521	111375	0986041793	111515
0986038030	111427	0986039260	111631	0986040531	111517	0986041800	111967
0986038041	110632	0986039260	111746	0986040541	111807	0986041810	112193
0986038050	112098	0986039300	113485	0986040561	111747	0986041817	112193
0986038050	112098	0986039340	112076	0986040581	111294	0986041830	111824
0986038070	111352	0986039360	111883	0986040600	112045	0986041840	112046
0986038080	111154	0986039370	111902	0986040600	113770	0986041840	112046
0986038090	112729	0986039390	111883	0986040631	113939	0986041847	112046
0986038151	111279	0986039400	112530	0986040651	111689	0986041850	112144
0986038160	111369	0986039431	112800	0986040671	111413	0986041860	112002
0986038170	111369	0986039450	112799	0986040681	113536	0986041860	114797
0986038170	112529	0986039460	112860	0986040850	111980	0986041860	115483
0986038170	112529	0986039471	111411	0986040900	113832	0986041870	112397
0986038176	112529	0986039471	111505	0986040940	111820	0986041900	112402
0986038176	112529	0986039471	113471	0986040950	111884	0986041910	112273
0986038180	112806	0986039490	111886	0986040960	111468	0986041920	112274
0986038211	110659	0986039501	111687	0986041030	113448	0986041930	112460
0986038220	111279	0986039510	113447	0986041040	112529	0986041940	112097
0986038230	111354	0986039513	113447	0986041040	112529	0986041940	112097
0986038260	112530	0986039520	111988	0986041060	112196	0986041950	112198
0986038281	110631	0986039530	111842	0986041060	112196	0986041960	112407
0986038290	111833	0986039650	111895	0986041060	115987	0986041970	112406
0986038290	116063	0986039690	113758	0986041060	115987	0986041980	112406
0986038300	112777	0986039700	113833	0986041080	112413	0986041990	112073
0986038370	111477	0986039711	110968	0986041090	110895	0986042000	112190
0986038370	111820	0986039720	112193	0986041100	112557	0986042010	112190
0986038380	111479	0986039740	111369	0986041120	111883	0986042031	111937
0986038390	111353	0986039740	111369	0986041127	111883	0986042041	112057
0986038397	111353	0986039740	112529	0986041140	113754	0986042071	112058
0986038401	111361	0986039743	111369	0986041150	112078	0986042081	113603
0986038421	110682	0986039750	111890	0986041153	112078	0986042091	112480
0986038431	112531	0986039760	111893	0986041157	112078	0986042111	111723
0986038460	111280	0986039780	111318	0986041160	112860	0986042121	111934
0986038471	110967	0986039790	112561	0986041170	111468	0986042141	111719
0986038471	111279	0986039800	112098	0986041190	112413	0986042171	111498
0986038481	111611	0986039800	112098	0986041210	111902	0986042181	112059
0986038491	111267	0986039810	113531	0986041220	111883	0986042191	111718
0986038501	110701	0986039810	113531	0986041230	112043	0986042201	112679
0986038501	111316	0986039817	113531	0986041240	111824	0986042241	111240
0986038551	111578	0986039820	111978	0986041250	113879	0986042261	110806
0986038571	111578	0986039831	113868	0986041260	111990	0986042271	110806
0986038581	111285	0986039860	113486	0986041280	113836	0986042281	111238
0986038600	112229	0986039870	112693	0986041290	112193	0986042291	112128
0986038603	112229	0986039881	111623	0986041300	111828	0986042311	111339
0986038610	111676	0986039881	111742	0986041320	111902	0986042331	112860
0986038610	113885	0986039881	115890	0986041381	112681	0986042341	111285
0986038621	111036	0986039891	112698	0986041401	113604	0986042350	112189
0986038621	113471	0986039931	112298	0986041451	111788	0986042380	113351
0986038630	112557	0986039941	112703	0986041480	113340	0986042390	113351
0986038730	110619	0986039961	111082	0986041490	112079	0986042400	113351
0986038740	112230	0986040021	112772	0986041490	114789	0986042410	113351
0986038740	112292	0986040031	111319	0986041500	111989	0986042420	112426
0986038771	112782	0986040051	111319	0986041500	115482	0986042427	112426
0986038791	112299	0986040081	112679	0986041510	112075	0986042460	115844
0986038791	112772	0986040170	113442	0986041520	113489	0986042467	115844
0986038811	114026	0986040180	111890	0986041530	112197	0986042470	112414
0986038841	111803	0986040201	112287	0986041530	113889	0986042490	112428
0986038851	112769	0986040210	112688	0986041550	113489	0986042520	113889
0986038861	112769	0986040211	112688	0986041570	112561	0986042527	113889
0986038910	111850	0986040220	111318	0986041580	110895	0986042530	113889
0986038930	110700	0986040221	111318	0986041590	112197	0986042540	112535
0986038930	111316	0986040231	111532	0986041610	111168	0986042550	113300
0986038930	112086	0986040260	112561	0986041610	111800	0986042557	113300
0986038940	111369	0986040263	112561	0986041620	111169	0986042560	113835
0986038970	111164	0986040270	111894	0986041620	111800	0986042570	113302
0986038990	112680	0986040280	111843	0986041620	112056	0986042580	113295
0986039030	112709	0986040290	111888	0986041620	112229	0986042583	113295
0986039060	111988	0986040310	111895	0986041640	111833	0986042590	113289
0986039080	113885	0986040330	111899	0986041640	116063	0986042593	113289
0986039090	111988	0986040340	111478	0986041650	111850	0986042600	112075
0986039100	112687	0986040350	113770	0986041730	112072	0986042640	112419
0986039130	111987	0986040360	111898	0986041740	112072	0986042650	113285

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH</b> <i>Continued</i>							
0986042660	113296	0986044390	114027	0986045771	111950	0986047477	115709
0986042670	113280	0986044400	112461	0986045791	111779	0986047480	114737
0986042680	112418	0986044420	111732	0986045811	115660	0986047487	114737
0986042690	113832	0986044460	113252	0986045821	115791	0986047490	115383
0986042700	112079	0986044470	113510	0986045871	111598	0986047500	115708
0986042720	112144	0986044477	113510	0986045881	112363	0986047507	115708
0986042740	112416	0986044487	113510	0986045891	112063	0986047520	113998
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## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0986049010	114146	0986080020	112333	0986081310	113863	0986083320	115346
0986049013	114146	0986080030	113950	0986081330	114391	0986083390	115546
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0986049051	114114	0986080040	116069	0986081350	113405	0986083440	116048
0986049061	113247	0986080060	114705	0986081360	113280	0986083480	114112
0986049071	113849	0986080070	114701	0986081370	115367	0986083500	112191
0986049081	113718	0986080100	115843	0986081377	115367	0986083570	114865
0986049101	113253	0986080110	113948	0986081390	115671	0986AR0761	113517
0986049111	112384	0986080130	113519	0986081410	114202	0986B05008	114123
0986049121	114129	0986080140	113940	0986081450	113067	0986B05009	114123
0986049141	115543	0986080140	116048	0986081700	114065	0986JR0084	113089
0986049151	113912	0986080160	112210	0986081740	111872	0986JR0383	111451
0986049161	114128	0986080170	111614	0986081780	112002	0986JR1046	111728
0986049171	113922	0986080180	111658	0986081780	114797	0986JR1128	115637
0986049181	113710	0986080190	113946	0986081860	111631	0986JR1252	113819
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0986080010	112357	0986081290	115864	0986083290	114866	9000143406	110368

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOSCH Continued</b>							
9000143408	110368	9120144296	112744	B001233172	111065	AL0181V	111477
9000143601	110524	9120144302	112756	B001233261	111065	AL0181X	111477
9000330119	110367	9120144303	112756	B001260015	114523	AL0183X	111676
9000330910	110367	9120144605	112087	B001315183	110838	AL0185V	111352
9000330929	111585	9120144606	112087	B001329010	110996	AL0185X	111352
9000330937	110367	9120144610	112087	B001816326	110524	AL0186V	111353
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9000330950	110367	9120144616	112087	B001860023	112581	AL0187X	111479
9000331201	111805	9120145002	111834	B120310087	111352	AL0710X	112693
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9000333118	111131	9120334323	111086	B120510079	112557	AL0763V	111369
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9000692050	111059	9120334632	112086	BNG4/12CR215	110537	AL1266X	111285
9000692051	110864	9120334635	112207	BNG4/12CR222	111217	AL1269X	113035
9000692062	110858	9120334636	112087	BNG4/12CR238	110538	AL1273X	113433
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9007044002	110525	9120484038	114413	EJD3/12BR3	110530	AL176X	112693
9007044014	110462	9120690078	110318	F000AL0101	111931	AL179X	112777
9007045016	111312	9120690170	110497	F000AL0111	115594	AL17X	111035
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9120060027	111216	9120690298	112735	F000AL0153	115594	AL202X	110682
9120060028	113716	9120690438	111094	F000AL0157	110524	AL203X	110137
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9120060033	114355	9123320016	111478	F000AL0310	114123	AL205X	111435
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9120080122	111096	B001110043	112321	F002G10951	111515	AL2352X	111264
9120080139	110360	B001110097	111848	F002G20485	113843	AL2353N	111264
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9120144228	111078	B001111143	111347	F005A00023	111888	AL2370X	111726
9120144229	111078	B001111158	114118	F005A00024	111843	AL2376X	113373
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9120144241	111078	B001117012	110839	R007042024	110363	AL242X	110264
9120144267	112728	B001117070	110867			AL243X	110458
9120144268	112728	B001117071	111060			AL246X	112970
9120144269	110358	B001117311	112295	<b>BOUS</b>		AL254X	110138
9120144270	110358	B001126016	112221	AL0053X	112557	AL256X	111578
9120144277	111082	B001126081	112221	AL0160X	111354	AL25X	110913
9120144278	112728	B001127041	112236	AL0161V	112529	AL260X	110136
9120144283	111072	B001180009	110865	AL0161X	111369	AL26X	110360
9120144284	111072	B001181007	111059	AL0162X	111850	AL271X	112297
9120144289	111366	B001233104	111120	AL0163X	112530	AL272X	110664
9120144290	111366	B001233112	111120	AL0168X	112194	AL276X	110703
9120144295	112744	B001233121	111065	AL0169X	112194	AL286X	110318
				AL0177X	112806		

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AL28X	110919	AL4432X	113076	AL8598	110503	SR1286X	113408
AL292X	110179	AL4500X	111279	AL8605X	110724	SR1298X	113398
AL293X	110133	AL4501X	110967	AL8659X	110984	SR1303X	110312
AL295X	110178	AL4502X	111279	AL8663X	111220	SR1305X	110249
AL298	110178	AL4503X	111779	AL8670X	110500	SR1306X	113629
AL298X	110178	AL480X	110805	AL8671X	110503	SR1308X	113398
AL300X	111185	AL5001N	111397	AL8679X	111220	SR1310X	113392
AL307X	110138	AL5002N	113477	AL8691X	112884	SR131X	110277
AL313X	110968	AL5003N	112112	AL8695X	112886	SR133X	110144
AL318X	110179	AL5004N	111510	AL8697X	112888	SR135X	110144
AL3225X	110682	AL518X	110233	AL86M	110913	SR136X	110142
AL3234X	112102	AL519X	110233	AL86X	110360	SR138FL	110256
AL3236X	113077	AL523X	110075	AL8700X	112613	SR138X	110155
AL3237X	113085	AL530X	110075	AL8701X	112614	SR140X	110280
AL3241X	110496	AL531X	110233	AL8702X	111223	SR141X	110277
AL3242X	111705	AL532X	110233	AL8706X	111712	SR145X	110280
AL3247X	111678	AL533X	110233	AL8712X	112615	SR147X	110279
AL3249X	111518	AL535X	110235	AL8717X	112868	SR148X	110278
AL3251X	111435	AL536X	110235	AL87X	110899	SR15X	110363
AL3252X	111435	AL537X	110235	AL901X	110641	SR165X	110158
AL3253X	110682	AL542X	110233	AL902X	111649	SR168X	110315
AL3254X	112860	AL547X	110471	AL904X	111649	SR16X	110865
AL3257X	111965	AL551X	110502	AL905X	110641	SR176X	111451
AL3258X	113090	AL557X	110471	AL906X	110105	SR192X	111103
AL326	110968	AL559X	110471	AL910X	112742	SR19X	111061
AL3261X	111468	AL561X	110492	AL911X	110890	SR205X	110367
AL3262X	111518	AL562X	111252	AL913X	110882	SR211X	110149
AL3264X	111579	AL578X	112835	AL914X	110890	SR214X	110585
AL3267X	113089	AL598X	111199	AL920X	110766	SR215X	111066
AL326X	110968	AL623X	112880	AL922X	110445	SR219X	110866
AL3273X	112102	AL64X	112098	AL923X	110138	SR22X	110996
AL3274X	111517	AL6505X	110471	AL925X	111686	SR224X	110397
AL3277X	112101	AL650X	110502	AL926X	111141	SR2262X	111608
AL3279X	113091	AL6519X	111530	AL930X	112097	SR2265X	112368
AL3280X	111537	AL651X	110985	AL9347X	112025	SR2267X	111312
AL3285X	111435	AL6522X	113067	AL9348X	112025	SR2268X	111382
AL3286X	113089	AL6524X	112583	AL951X	110937	SR2273X	111023
AL3289X	113089	AL6525X	113235	AL9909X	111843	SR228X	110713
AL32X	112149	AL6526X	113071	AL9915X	110105	SR231X	111544
AL333X	112744	AL6527X	113069	AL9937X	111232	SR239X	110809
AL33X	112729	AL6534X	113365	AL9940X	112170	SR257X	110386
AL350X	110659	AL653X	110986	AL9941X	112773	SR258X	111459
AL355X	112531	AL6541X	113607	AL9942X	111215	SR265X	110709
AL356X	110318	AL6551X	111388	AL9948X	112170	SR269X	110708
AL359X	110659	AL656X	112447	AL9959X	111888	SR278X	110578
AL362X	111705	AL65X	110923	AL9970X	111713	SR280X	111442
AL363X	110496	AL662X	110984	GR15X	111225	SR281X	110312
AL368X	111428	AL668X	110500	S-2X	111103	SR282X	110154
AL374X	110675	AL66X	112734	S-9329	113398	SR28X	111069
AL380X	112270	AL675X	111090	SR0402X	111748	SR294X	110808
AL384X	110927	AL676X	110498	SR0403X	111749	SR297X	110810
AL387X	110675	AL677X	111220	SR0405X	112166	SR298X	110811
AL4005X	110802	AL67X	110923	SR0406X	110865	SR3235	110411
AL4006X	110802	AL683X	111090	SR0408X	111900	SR3235X	110411
AL4008X	110804	AL69X	111139	SR0409X	111900	SR3240X	113169
AL4009X	111406	AL70X	111085	SR0412X	112131	SR3242X	113169
AL400N	110931	AL7521X	112921	SR0413X	112309	SR3245X	113119
AL400X	110931	AL7524X	112927	SR0416X	112321	SR3248X	111984
AL4013X	111375	AL7525X	112932	SR0417X	111817	SR3250X	113109
AL4014X	110659	AL7529X	112936	SR0418X	111900	SR3251X	113108
AL4017X	111309	AL7534X	112933	SR0424X	111909	SR3254X	110323
AL4018X	111806	AL7536X	112939	SR0438X	111489	SR3256X	113171
AL401N	112693	AL7538X	112944	SR0445X	111911	SR3258X	111550
AL4025X	110659	AL7540X	112943	SR0456X	111347	SR3259X	111550
AL4026X	111406	AL7541X	112942	SR0457X	111851	SR3263X	110713
AL4027X	111405	AL7543X	112946	SR0458X	111851	SR33X	111059
AL4040X	113652	AL7546X	112940	SR0463X	113282	SR34X	111060
AL4164X	111241	AL7550X	112936	SR0476X	110847	SR37X	110160
AL41X	110877	AL80X	110358	SR0483X	112818	SR38X	111112
AL4207X	111342	AL82X	111096	SR103X	110152	SR395X	111310
AL4211X	111315	AL8560X	110235	SR104X	110396	SR400X	110462
AL4215X	111237	AL8567X	112893	SR106X	110152	SR4107X	110315
AL4217X	111807	AL8577X	112893	SR109X	110396	SR4108X	110958
AL4221X	111787	AL8582X	112893	SR10X	111010	SR4109X	111307
AL4300X	111611	AL8590	110500	SR112X	110411	SR4116X	113020
AL4306X	113634	AL8592X	110500	SR113X	110323	SR4119X	113638
AL430X	110965	AL8593X	110500	SR122X	110152	SR4120X	113521
AL4427X	110679	AL8594X	110500	SR123X	110396	SR4121X	113638
AL4428X	110675	AL8597	111854	SR1286N	113408	SR4157X	111305

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>BOUS</b> <i>Continued</i>							
SR4164X	111241	SR67X	110368	393499	112563	858880	112345
SR4166X	111305	SR70X	110368	394674	110635	858881	110205
SR4204X	111311	SR72X	110336	394805	110634	858882	111834
SR4213X	110810	SR7515X	110807	394807	111804	858885	110077
SR4215X	112215	SR7516X	112584	394808	110635	858979	111000
SR4216X	111970	SR7520X	112030	394943	112563	859020	110116
SR4221X	110810	SR7521X	111844	396306	111804	859021	110981
SR4301X	111189	SR7522X	113222	399160	112563	859022	111399
SR4304X	111552	SR7527X	112592	399169	112563	859023	111568
SR437X	111489	SR7529X	112276	399928	112242	859422	111097
SR4405X	113402	SR7530X	112340	435307	110635	859432	111097
SR443X	112986	SR7531X	111374	453303	110634	859437	111295
SR4500X	110394	SR7533X	112646	490420	112563	859438	111295
SR4501X	110394	SR7534X	112235	490753	114520	859440	111295
SR4502X	111310	SR7538X	110808	491766	110634	859477B	110176
SR4504X	110394	SR7542X	111183	494148	112563	859477PB	110176
SR4506X	111475	SR7544X	112600	494198	112563	859490PB	110175
SR454X	110587	SR7579X	111374	494490	112563	859506	111399
SR45X	111851	SR7586X	113703	494900	112563	859534	111638
SR46V	111347	SR8500X	112459	494990	112563	859535	110527
SR46X	111347	SR8527X	112911	495100	112242	859537	110524
SR47V	112440	SR8538X	113679	495920	112563	859538	111640
SR47X	111065	SR8540X	111127	497401	112563	859539	110523
SR48X	110862	SR8542X	112897	497594	110634	859542	110518
SR5002N	111404	SR8543X	112904	497595	110634	859544	111295
SR5034N	111015	SR8549X	112898	497596	110635	859605	111295
SR5035X	111485	SR8551X	112912	498148	112242	859820	110895
SR5037X	113668	SR8553X	112898	498149	114517	859866Z	110173
SR5038X	110292	SR8555X	112898	499521	112563	859883	110442
SR5040X	110617	SR8561X	112897	499529	112563	859983	112803
SR5041X	110856	SR8573X	112911	691262	112563	860052	111295
SR5050N	111334	SR8574X	112341	691564	113539	860100	113389
SR506X	110229	SR8580X	112900	693054	110634	860103	113466
SR509X	110228	SR8581X	112906	693469	113539	860104	110517
SR513X	110227	SR86X	110838	693551	113853	860106	113380
SR515X	110216	SR87X	110858	693552	114519	860109	110525
SR516X	112897	SR901X	111755	694504	115591	860110	110980
SR518X	110216	SR911X	110522	695479	115592	860115	110535
SR520X	110218	SR912X	110536	715208	115469	860121	110208
SR521X	112897	SR913X	112670	795121	112563	860123	111231
SR523X	110414	SR914X	110529	807383	114716	860125	110582
SR524X	110414	SR915X	110524	808106	113539	860130	110525
SR525X	110221	SR916X	110531	809054	114716	860132	110210
SR526X	110216	SR917X	110534	825222	115425	860134	112076
SR531X	110216	SR918X	110537	825577	115319	860135	112345
SR53X	110367	SR91X	110338	825700	115755	860138	112343
SR544X	110221	SR920X	110512	844717	113539	860140	110889
SR547X	110216	SR921X	110512			860150	110077
SR548X	111786	SR923X	110525			860151	112159
SR551X	112963	SR924X	113465	<b>BUTEC</b>		860155	110116
SR557X	110414	SR925X	113464	110207	110207	860157	112757
SR558X	110221	SR926X	110536	851078	111000	860166	111629
SR561X	111490	SR950X	111000	851122	111000	860170	111629
SR565X	112911	SR954X	110347	851339	111000	860304	112055
SR566X	112910	SR955X	110436	854477	111295	860305	111910
SR572X	111127	SR956X	112089	855689	111000	860306	111886
SR576X	111034	SR957X	111000	857466	110205	860318	111760
SR577X	112341	SR963X	110999	857468	110210	860321	111982
SR587X	112267	SR97X	111120	857470	110206	860334	111000
SR594X	110842	SR9936X	110206	857472	110527	860500	110205
SR597X	112965	SR9943X	110627	857475	110113	860504	110208
SR598X	112006	SR9944X	110626	857479	110113	860505	112119
SR59X	110869	SR9947X	110246	857612	111295	860506	110210
SR603X	112295	SR9948X	113725	857621	111295	860508	110206
SR604X	111349	SR9949X	110938	857626	111295	860509	110981
SR606X	111764	SR994ZX	112555	857633	111295	860511	112116
SR607X	111490	SR9973X	112267	857638	111295	860512	110980
SR62X	110997	SR9974X	110485	858085	111295	860516	110582
SR6400X	113613	SR9975X	110942	858318	111640	860520	112507
SR6423X	113618	SR9976X	112007	858442	111000	860524	110538
SR6503X	111492			858444	111000	860548	110214
SR6504X	111764	<b>BRIGGS &amp; STRATTON</b>		858506	111000	860551	111746
SR6506X	113044	296028	111388	858693	111295	860558	112159
SR6512X	112846	390555	111388	858762	111574	860559	112561
SR6518N	113116	390838	110634	858773	110116	860560	112076
SR6518X	113116	391178	111804	858776	111355	860562	112803
SR6519X	113114	391423	110634	858780	110524	860568	112493
SR6520X	112301	392749	110634	858787	110968	860627	111295
SR65X	110864	393017	110635	858878	110980	860628	111295
				858879	112119		

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
860629	111295	30-00351-05	110408	CAL10182	111288	CAL10291	112198
860655	110535	30-00363-00	110371	CAL10183	111288	CAL10293	115907
860714	114387	30-00363-03	110371	CAL10184	111170	CAL10294	113272
860810	114296	30-00393-00	110371	CAL10185	112763	CAL10296	111141
860818	112446	30-00393-02	110371	CAL10186	112775	CAL10297	114210
860822	114193	30-00423-00	110371	CAL10187	112056	CAL10300	113837
860822	115877	30-50307-00	110371	CAL10189	110923	CAL10301	114353
870604	113453	30-60050-04	114084	CAL10193	111166	CAL10302	114700
870640	113453			CAL10195	110360	CAL10303	112073
870644	110449			CAL10196	112689	CAL10304	111895
870648	110566	<b>CASCO</b>		CAL10198	111426	CAL10305	114701
870649	112091	CAL10100	113640	CAL10201	112680	CAL10307	113958
870651	110998	CAL10100	116067	CAL10203	113447	CAL10308	114064
870653	112090	CAL10101	111166	CAL10204	111884	CAL10309	115417
870655	111097	CAL10104	113536	CAL10205	111676	CAL10310	114898
870656	110452	CAL10105	112194	CAL10208	111858	CAL10311	114724
870658	112091	CAL10106	112729	CAL10209	111884	CAL10312	115365
870660	110566	CAL10107	112190	CAL10210	113833	CAL10313	115837
870663	111097	CAL10108	111354	CAL10211	113486	CAL10314	114431
880624	111295	CAL10109	113889	CAL10216	111732	CAL10315	114463
880626	111295	CAL10110	112426	CAL10217	113770	CAL10316	114122
880627Z	111295	CAL10111	112428	CAL10219	113758	CAL10317	111843
880655	111295	CAL10112	112407	CAL10220	111988	CAL10318	113888
A5524/30	111295	CAL10113	111369	CAL10222	111894	CAL10319	114701
A5524/37	111295	CAL10114	111989	CAL10223	112557	CAL10320	114705
A5524/46	111295	CAL10114	115482	CAL10225	111824	CAL10320	115490
A5524/56	111295	CAL10115	111093	CAL10227	112273	CAL10322	112078
A5524/58	111295	CAL10116	112453	CAL10228	113285	CAL10323	115473
LNA5524/0	111295	CAL10117	111352	CAL10229	112274	CAL10324	112079
LNA5524/1	111295	CAL10118	110358	CAL10230	110360	CAL10326	114088
LNA5524/2	111295	CAL10119	112149	CAL10231	112086	CAL10327	114737
LNA5524/3	111295	CAL10120	112529	CAL10232	111812	CAL10328	112098
LNA5524/7	111295	CAL10121	111479	CAL10233	111427	CAL10329	113273
LNA7524	110173	CAL10122	112194	CAL10234	113947	CAL10330	111980
LNA7524/1	110173	CAL10123	112530	CAL10235	114354	CAL10331	114705
LNS2800	112267	CAL10124	111828	CAL10236	110881	CAL10332	112190
LNS2810	111041	CAL10127	113300	CAL10237	113632	CAL10333	115619
LNS2820	110602	CAL10128	112406	CAL10238	111888	CAL10334	114510
LNS2830	110590	CAL10129	112075	CAL10239	113279	CAL10335	114658
LNS4524/12	111638	CAL10130	114836	CAL10241	114040	CAL10336	115678
LNS4524/13	110527	CAL10131	114769	CAL10243	112079	CAL10337	114834
LNS4524/15	110524	CAL10132	114765	CAL10243	114789	CAL10338	111353
LNS4524/16	111640	CAL10133	114663	CAL10245	112414	CAL10339	112529
LNS4524/20	110518	CAL10134	113913	CAL10246	113296	CAL10342	115709
LNS4524/4	111097	CAL10135	112764	CAL10247	112418	CAL10343	115318
LNS4524/7	111097	CAL10137	111899	CAL10248	113832	CAL10345	111902
LNS4524/9	111399	CAL10139	112144	CAL10249	112399	CAL10346	115382
MS1/401A	111000	CAL10140	113274	CAL10250	112396	CAL10347	112428
MS1/411AZ	111000	CAL10141	113944	CAL10251	114200	CAL10348	114454
MS1/453	111100	CAL10142	112197	CAL10252	113275	CAL10349	113707
MS1-101	111000	CAL10144	113951	CAL10253	113878	CAL10350	113272
MS1-103	111000	CAL10145	112144	CAL10255	113947	CAL10351	113489
MS1-124	111000	CAL10146	111154	CAL10255	113947	CAL10351	113489
MS1-401	111000	CAL10147	113485	CAL10256	115383	CAL10354	111216
MS1-401A	111000	CAL10148	111153	CAL10259	114466	CAL10356	115452
MS1-401C	111000	CAL10149	112806	CAL10260	113298	CAL10358	115708
MS1-403A	111000	CAL10150	114391	CAL10261	113280	CAL10359	111824
MS1A/20	111000	CAL10151	112193	CAL10262	113942	CAL10360	115604
MS1A/25	111000	CAL10152	111890	CAL10263	113754	CAL10361	114681
MS4/406	111097	CAL10153	112535	CAL10264	112043	CAL10362	114666
MS4-406	111097	CAL10154	113751	CAL10265	112196	CAL10364	114492
MS7-410C	110347	CAL10155	112002	CAL10265	115987	CAL10366	113889
		CAL10155	114797	CAL10266	111883	CAL10368	114381
		CAL10155	115483	CAL10267	112045	CAL10369	115541
		CAL10157	113280	CAL10268	113888	CAL10370	115753
<b>CARRIER</b>		CAL10158	113953	CAL10271	113301	CAL10372	114019
29-50096	112249	CAL10159	111649	CAL10272	112425	CAL10372	116047
30-00171-00	110408	CAL10161	111814	CAL10273	115716	CAL10374	114257
30-00171-11	110408	CAL10164	112777	CAL10274	114656	CAL10376	114380
30-00228-00	110408	CAL10165	112780	CAL10275	113510	CAL10376	116060
30-00306-00	110408	CAL10166	112771	CAL10277	113187	CAL10377	116121
30-00306-02	110408	CAL10169	112765	CAL10278	112415	CAL10378	115367
30-00306-03	110408	CAL10170	112746	CAL10280	112072	CAL10379	114322
30-00306-04	110408	CAL10171	114781	CAL10283	111096	CAL10381	114780
30-00306-05	110408	CAL10171	114781	CAL10285	114131	CAL10385	114829
30-00308-00	112249	CAL10173	111354	CAL10286	115658	CAL10387	114463
30-00349-01	110371	CAL10175	111164	CAL10287	115835	CAL10390	115532
30-00351-00	110408	CAL10177	113376	CAL10288	115677	CAL10391	116012
30-00351-02	110408	CAL10178	111166	CAL10289	113945	CAL10396	115753
30-00351-03	110408	CAL10179	111169	CAL10290	113949	CAL10398	112720
30-00351-04	110408	CAL10181	112056				

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>CASCO</b> <i>Continued</i>							
CAL10399	114768	CAL10620	112803	CAL11604	112560	CAL15138	110619
CAL10400	112406	CAL10621	113351	CAL11607	110176	CAL15140	114026
CAL10401	114311	CAL10622	116117	CAL11608	110176	CAL15142	112287
CAL10402	114290	CAL10623	114753	CAL11609	113549	CAL15144	112688
CAL10405	114291	CAL10623	115498	CAL11624	113549	CAL15145	112058
CAL10408	113442	CAL10624	114212	CAL11628	110173	CAL15146	112059
CAL10411	112557	CAL10625	113998	CAL11629	110577	CAL15147	111718
CAL10412	115678	CAL10626	114212	CAL11631	112261	CAL15149	112782
CAL10413	114383	CAL10626	115488	CAL11634	113186	CAL15150	112744
CAL10414	114211	CAL10627	115617	CAL11635	114347	CAL15151	111943
CAL10415	115434	CAL10627	115618	CAL11636	114348	CAL15152	112292
CAL10417	113536	CAL10628	114296	CAL11639	115386	CAL15153	112292
CAL10418	114312	CAL10628	115489	CAL11641	115481	CAL15154	112230
CAL10419	115746	CAL10629	113351	CAL12100	112229	CAL15155	111498
CAL10420	113992	CAL10630	113284	CAL12102	113772	CAL15156	113603
CAL10421	115455	CAL10630	115491	CAL12103	111514	CAL15157	111532
CAL10424	115458	CAL10631	112302	CAL12104	112165	CAL15158	113485
CAL10429	113352	CAL10632	112189	CAL12109	111712	CAL15159	112679
CAL10430	116061	CAL10633	114212	CAL12110	113771	CAL15160	112480
CAL10432	115955	CAL10634	113295	CAL12111	112853	CAL15161	113407
CAL10433	115909	CAL10635	112747	CAL12113	111223	CAL15163	112299
CAL10434	115671	CAL10637	111146	CAL12115	112720	CAL15164	113500
CAL10437	113955	CAL10638	114028	CAL14100	112151	CAL15165	112460
CAL10437	114801	CAL10638	115493	CAL14101	111293	CAL15168	112472
CAL10439	114202	CAL10639	113470	CAL14102	113709	CAL15170	111937
CAL10440	115606	CAL10640	113186	CAL14103	113708	CAL15172	112298
CAL10442	114468	CAL10642	112170	CAL14104	115543	CAL15173	111841
CAL10443	114146	CAL10643	112493	CAL14105	113912	CAL15175	111171
CAL10446	115846	CAL10644	110766	CAL14107	113709	CAL15176	114831
CAL10448	111843	CAL10645	115617	CAL14108	113913	CAL15177	111082
CAL10449	115412	CAL10645	115618	CAL14109	113710	CAL15179	111075
CAL10453	115648	CAL10646	114036	CAL14109	116124	CAL15182	115549
CAL10455	111850	CAL10646	116116	CAL14110	113710	CAL15186	111171
CAL10457	114668	CAL10647	115486	CAL14110	116124	CAL15188	111319
CAL10458	113884	CAL10648	114008	CAL14111	113710	CAL15192	112679
CAL10460	112419	CAL10650	113895	CAL14111	116124	CAL15195	111319
CAL10467	112734	CAL10653	114314	CAL14112	112939	CAL15199	111071
CAL10480	114379	CAL10655	113998	CAL14113	114120	CAL15204	112800
CAL10483	115765	CAL10655	115492	CAL14114	113912	CAL15206	112703
CAL10495	113885	CAL10656	116098	CAL14116	112947	CAL15208	113253
CAL10496	115649	CAL10658	112038	CAL14117	112958	CAL15209	111934
CAL10501	111898	CAL10659	114078	CAL14118	112921	CAL15210	112648
CAL10502	114701	CAL10659	115494	CAL14122	111199	CAL15211	111722
CAL10503	112742	CAL10661	115481	CAL15009	116022	CAL15214	112679
CAL10504	115306	CAL10662	114296	CAL15012	113835	CAL15217	110743
CAL10505	112098	CAL10665	112302	CAL15100	113720	CAL15220	111788
CAL10509	111991	CAL10666	111833	CAL15100	116064	CAL15221	111946
CAL10511	115843	CAL10666	116063	CAL15102	113940	CAL15222	112772
CAL10514	113489	CAL10667	116098	CAL15102	116048	CAL15223	111478
CAL10515	115905	CAL10669	115805	CAL15103	114673	CAL15226	111318
CAL10518	110913	CAL10672	112343	CAL15104	112458	CAL15231	113868
CAL10521	112799	CAL10673	115808	CAL15105	112471	CAL15232	112461
CAL10600	110113	CAL10676	113188	CAL15107	113640	CAL15233	113246
CAL10601	113923	CAL10677	113351	CAL15107	116067	CAL15234	112199
CAL10601	115879	CAL10677	115557	CAL15108	113919	CAL15235	112199
CAL10602	113188	CAL10678	113351	CAL15109	113405	CAL15236	112057
CAL10602	115484	CAL10680	113351	CAL15110	113575	CAL15238	112467
CAL10603	112427	CAL10681	112343	CAL15111	111076	CAL15239	111947
CAL10603	115871	CAL10682	110766	CAL15112	112756	CAL15241	112469
CAL10604	113923	CAL10692	114314	CAL15113	111321	CAL15245	111397
CAL10604	115879	CAL10693	113920	CAL15114	112769	CAL15246	113404
CAL10605	112076	CAL11103	110422	CAL15115	112756	CAL15248	113882
CAL10606	114089	CAL11104	112996	CAL15117	112681	CAL15249	113247
CAL10606	115495	CAL11105	110488	CAL15118	113722	CAL15250	112002
CAL10607	114528	CAL11106	110487	CAL15118	115963	CAL15250	114797
CAL10607	115496	CAL11107	111948	CAL15121	111967	CAL15250	115483
CAL10608	112561	CAL11108	110497	CAL15123	115711	CAL15251	113283
CAL10609	113289	CAL11109	111576	CAL15124	113721	CAL15252	113302
CAL10610	112159	CAL11111	111575	CAL15126	113858	CAL15253	112193
CAL10611	111886	CAL11113	112112	CAL15126	115976	CAL15254	113877
CAL10612	111833	CAL11114	110959	CAL15127	112468	CAL15255	114722
CAL10612	116063	CAL11118	113898	CAL15128	113251	CAL15256	113510
CAL10613	111842	CAL11119	111761	CAL15129	111719	CAL15257	114680
CAL10614	111987	CAL11120	110408	CAL15130	112397	CAL15259	113992
CAL10615	113448	CAL11122	110976	CAL15133	113577	CAL15260	113720
CAL10616	111834	CAL11123	113898	CAL15134	113245	CAL15260	116064
CAL10617	111528	CAL11600	111295	CAL15135	115310	CAL15261	113722
CAL10618	112345	CAL11601	111295	CAL15136	112162	CAL15261	115963
CAL10619	111746	CAL11602	111295	CAL15137	112754	CAL15262	113940

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CAL15262	116048	CAL15364	115859	CAL15583	114109	CAL20209	114121
CAL15263	114080	CAL15365	115919	CAL15587	115921	CAL20243	113787
CAL15264	112183	CAL15368	114292	CAL15597	115833	CAL20600	111614
CAL15266	112462	CAL15369	114039	CAL15600	111720	CAL20601	110567
CAL15267	110889	CAL15370	115858	CAL15604	111331	CAL20604	112477
CAL15269	113896	CAL15371	113253	CAL15605	113477	CAL20606	113418
CAL15270	113252	CAL15372	114082	CAL15607	111631	CAL20610	115630
CAL15271	112648	CAL15372	116043	CAL15608	111631	CAL21100	111180
CAL15272	112557	CAL15373	114306	CAL15609	114077	CAL21101	110641
CAL15274	112413	CAL15375	114027	CAL15611	111331	CAL21102	111662
CAL15275	112458	CAL15376	112274	CAL15613	112076	CAL21103	112556
CAL15276	113751	CAL15377	113510	CAL15614	111658	CAL21104	112191
CAL15277	115307	CAL15379	115370	CAL20100	111186	CAL21106	110970
CAL15278	113871	CAL15381	114721	CAL20101	111515	CAL21107	113469
CAL15282	112075	CAL15383	115587	CAL20102	112271	CAL21108	112389
CAL15284	113883	CAL15384	115532	CAL20103	110700	CAL21111	114289
CAL15286	114130	CAL15385	114736	CAL20105	113317	CAL21112	113768
CAL15286	116069	CAL15386	111397	CAL20106	113383	CAL21113	113529
CAL15287	114128	CAL15387	115860	CAL20107	111831	CAL21114	112046
CAL15289	111990	CAL15389	115582	CAL20108	113324	CAL21115	112773
CAL15290	113755	CAL15392	111075	CAL20109	111267	CAL21116	114513
CAL15291	112079	CAL15395	115667	CAL20110	110385	CAL21117	114772
CAL15291	114789	CAL15396	115910	CAL20111	110706	CAL21118	111078
CAL15292	114684	CAL15403	115582	CAL20112	110701	CAL21119	111687
CAL15293	114877	CAL15404	115438	CAL20114	111316	CAL21120	114669
CAL15294	114408	CAL15406	115631	CAL20115	112228	CAL21121	113610
CAL15295	113407	CAL15408	113862	CAL20116	113697	CAL21122	114000
CAL15297	115418	CAL15411	114352	CAL20117	111187	CAL21123	111820
CAL15298	114406	CAL15412	112772	CAL20120	111294	CAL21124	111843
CAL15302	112458	CAL15416	113442	CAL20121	112272	CAL21125	111662
CAL15303	113404	CAL15417	113878	CAL20123	111611	CAL21126	113991
CAL15304	114084	CAL15418	114322	CAL20124	110631	CAL21127	114228
CAL15305	113961	CAL15419	111989	CAL20125	111767	CAL21128	114192
CAL15306	113406	CAL15419	115482	CAL20126	111264	CAL21131	111418
CAL15310	113249	CAL15420	115356	CAL20128	111294	CAL21131	115873
CAL15311	111226	CAL15422	115437	CAL20129	110697	CAL21132	113471
CAL15313	113950	CAL15427	115437	CAL20130	111692	CAL21133	112062
CAL15314	113992	CAL15428	115580	CAL20131	113788	CAL21135	113768
CAL15318	115531	CAL15431	115713	CAL20132	113787	CAL21136	114191
CAL15319	112144	CAL15444	114879	CAL20133	111704	CAL21137	114513
CAL15320	114451	CAL15447	113861	CAL20134	110632	CAL21139	110348
CAL15321	114131	CAL15448	115854	CAL20136	113956	CAL21140	110770
CAL15322	114835	CAL15449	115707	CAL20137	112351	CAL21141	112238
CAL15323	112197	CAL15452	114757	CAL20141	111381	CAL21145	113986
CAL15324	110931	CAL15454	115587	CAL20143	111381	CAL21146	115689
CAL15325	116038	CAL15456	115730	CAL20144	113316	CAL21147	111978
CAL15326	113896	CAL15458	115730	CAL20145	113316	CAL21150	114896
CAL15327	114524	CAL15460	113275	CAL20147	110307	CAL21151	114004
CAL15328	114189	CAL15462	114724	CAL20150	112093	CAL21152	115682
CAL15329	115621	CAL15466	115988	CAL20151	113413	CAL21153	115682
CAL15330	114720	CAL15468	115912	CAL20152	111726	CAL21155	114379
CAL15331	114042	CAL15470	114876	CAL20153	113374	CAL21156	113899
CAL15331	116113	CAL15474	115369	CAL20155	110706	CAL21157	114450
CAL15332	113881	CAL15476	114697	CAL20156	113941	CAL21158	111888
CAL15333	114664	CAL15479	115834	CAL20157	114262	CAL21159	111036
CAL15335	115419	CAL15480	114724	CAL20158	112671	CAL21160	114868
CAL15336	114882	CAL15485	115906	CAL20160	113698	CAL21162	115608
CAL15337	115411	CAL15486	115547	CAL20161	113793	CAL21165	113533
CAL15338	113946	CAL15487	115923	CAL20162	113993	CAL21600	114110
CAL15339	114832	CAL15489	115384	CAL20163	112375	CAL21601	112097
CAL15340	114509	CAL15490	113382	CAL20164	113439	CAL21603	113738
CAL15341	113862	CAL15497	111988	CAL20169	110694	CAL21603	116155
CAL15342	113874	CAL15499	115583	CAL20170	110264	CAL21604	115381
CAL15343	114866	CAL15502	115861	CAL20171	110307	CAL21606	114464
CAL15344	113253	CAL15506	114067	CAL20172	113347	CAL21608	114767
CAL15345	113302	CAL15508	115862	CAL20175	114802	CAL21609	116023
CAL15346	112193	CAL15512	115924	CAL20179	114209	CAL25100	111176
CAL15347	113946	CAL15519	114042	CAL20180	113956	CAL25101	110891
CAL15348	114189	CAL15519	116113	CAL20188	113372	CAL25102	111623
CAL15349	114102	CAL15520	114805	CAL20190	111266	CAL25102	111742
CAL15349	116068	CAL15535	112162	CAL20192	115432	CAL25102	115890
CAL15351	115856	CAL15537	115581	CAL20193	114802	CAL25103	111623
CAL15352	115413	CAL15551	115922	CAL20195	113997	CAL25103	111742
CAL15353	115659	CAL15555	115913	CAL20196	115432	CAL25103	115890
CAL15356	115622	CAL15558	115920	CAL20199	113563	CAL25104	113683
CAL15357	113881	CAL15563	115668	CAL20204	110707	CAL25105	110759
CAL15358	113881	CAL15567	115826	CAL20205	111264	CAL25106	111185
CAL15360	114811	CAL15575	115431	CAL20206	114301	CAL25107	111364
CAL15363	114884	CAL15577	115528	CAL20208	114121	CAL25108	111289

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>CASCO</b> <i>Continued</i>							
CAL25113	112650	CAL30195	115742	CAL32148	114827	CAL35190	112492
CAL25114	111361	CAL30196	113967	CAL32149	115654	CAL35191	111317
CAL25115	111184	CAL30198	114714	CAL32151	115815	CAL35192	114803
CAL25123	111185	CAL30199	113722	CAL32152	115632	CAL35193	110133
CAL25600	111569	CAL30199	115963	CAL32154	115980	CAL35194	113971
CAL30100	111411	CAL30200	113721	CAL32157	114219	CAL35196	113324
CAL30101	111568	CAL30201	113336	CAL32160	115692	CAL35198	114079
CAL30102	111416	CAL30202	112718	CAL32162	115827	CAL35199	113954
CAL30103	113943	CAL30203	114384	CAL32169	115587	CAL35203	111495
CAL30104	113336	CAL30204	114754	CAL32170	111710	CAL35204	113712
CAL30105	112325	CAL30206	114895	CAL32602	113506	CAL35206	115441
CAL30106	112121	CAL30207	113763	CAL35100	111797	CAL35207	115474
CAL30107	112142	CAL30208	114284	CAL35101	112128	CAL35208	113634
CAL30108	112142	CAL30209	112025	CAL35102	112457	CAL35209	114111
CAL30109	110912	CAL30211	114462	CAL35103	110806	CAL35214	111806
CAL30110	111687	CAL30213	112384	CAL35104	113403	CAL35216	115786
CAL30112	111078	CAL30214	113621	CAL35105	115438	CAL35217	114358
CAL30113	110890	CAL30218	114451	CAL35106	111279	CAL35218	113405
CAL30114	111418	CAL30220	115346	CAL35107	113785	CAL35219	113250
CAL30114	115873	CAL30221	114493	CAL35108	112129	CAL35222	115477
CAL30115	111686	CAL30222	113720	CAL35109	111872	CAL35223	114244
CAL30116	110912	CAL30222	116064	CAL35110	112205	CAL35228	115927
CAL30117	113471	CAL30224	114249	CAL35111	113952	CAL35230	115797
CAL30118	111505	CAL30225	115647	CAL35112	112270	CAL35233	114811
CAL30119	111803	CAL30227	114494	CAL35113	111240	CAL35234	115661
CAL30120	111756	CAL30228	112719	CAL35114	112297	CAL35236	112559
CAL30121	112025	CAL30229	112719	CAL35115	110664	CAL35237	114759
CAL30124	111689	CAL30232	115852	CAL35116	112531	CAL35238	114881
CAL30125	111689	CAL30234	114706	CAL35117	111339	CAL35240	115926
CAL30126	111802	CAL30235	115620	CAL35118	111530	CAL35241	112457
CAL30128	111479	CAL30236	115762	CAL35119	111237	CAL35242	112352
CAL30129	111036	CAL30237	115308	CAL35121	111376	CAL35244	115548
CAL30130	111035	CAL30240	110611	CAL35124	112328	CAL35245	115340
CAL30132	112384	CAL30244	111620	CAL35125	111587	CAL35246	114865
CAL30133	112202	CAL30600	112097	CAL35127	111747	CAL35248	115348
CAL30134	113537	CAL30601	112097	CAL35128	111238	CAL35249	114839
CAL30135	113536	CAL30603	111987	CAL35129	111956	CAL35251	115760
CAL30137	111148	CAL30604	114302	CAL35130	111626	CAL35254	114245
CAL30139	111621	CAL30605	114714	CAL35131	112359	CAL35256	113971
CAL30141	111654	CAL30606	112097	CAL35132	112327	CAL35260	114415
CAL30145	111409	CAL30607	112097	CAL35133	113562	CAL35262	114472
CAL30149	111413	CAL30608	112097	CAL35135	110805	CAL35263	115795
CAL30151	115476	CAL30609	112097	CAL35136	111315	CAL35265	115925
CAL30152	111723	CAL32100	113518	CAL35138	113035	CAL35266	114432
CAL30153	111795	CAL32101	111929	CAL35139	110659	CAL35277	114247
CAL30154	112654	CAL32102	111309	CAL35140	110128	CAL35278	114247
CAL30156	112203	CAL32103	111405	CAL35142	110136	CAL35280	114207
CAL30157	113599	CAL32104	110802	CAL35143	111384	CAL35288	113971
CAL30159	112021	CAL32105	110804	CAL35144	112067	CAL35297	114826
CAL30160	112021	CAL32106	113652	CAL35147	111529	CAL35298	114229
CAL30161	112143	CAL32107	112327	CAL35148	111342	CAL35303	115655
CAL30162	114066	CAL32108	112333	CAL35149	112349	CAL35311	113503
CAL30163	114204	CAL32110	113657	CAL35153	111314	CAL35319	113310
CAL30164	113904	CAL32111	113328	CAL35154	111285	CAL35322	113315
CAL30165	113955	CAL32112	111929	CAL35155	116020	CAL35331	113782
CAL30165	114801	CAL32113	113519	CAL35157	112332	CAL35332	115975
CAL30168	112719	CAL32114	113331	CAL35158	111375	CAL35343	115441
CAL30169	113987	CAL32115	113792	CAL35159	112352	CAL35366	112480
CAL30170	113996	CAL32116	110540	CAL35160	110802	CAL35600	112427
CAL30171	113718	CAL32117	111406	CAL35162	114129	CAL35600	115871
CAL30172	115615	CAL32118	113519	CAL35163	115550	CAL35601	113923
CAL30173	114009	CAL32120	113600	CAL35164	113321	CAL35602	110448
CAL30175	114806	CAL32121	113330	CAL35165	111832	CAL35603	111344
CAL30175	115874	CAL32122	113791	CAL35166	112355	CAL35605	113497
CAL30176	113718	CAL32126	113863	CAL35168	112328	CAL35608	114457
CAL30177	114409	CAL32129	114857	CAL35169	113832	CAL35609	114456
CAL30178	114025	CAL32130	114495	CAL35170	114112	CAL35611	115995
CAL30179	115615	CAL32131	114467	CAL35171	114187	CAL35612	115602
CAL30180	114204	CAL32132	114827	CAL35172	115317	CAL35613	115800
CAL30182	111568	CAL32133	115853	CAL35174	114489	CAL35614	114508
CAL30184	113338	CAL32135	114287	CAL35175	114841	CAL35615	116042
CAL30185	113939	CAL32137	112334	CAL35176	110318	CAL35616	114861
CAL30186	113336	CAL32138	114662	CAL35178	115368	CAL35618	114407
CAL30186	113943	CAL32139	115409	CAL35179	113348	CAL35618	115878
CAL30187	113718	CAL32140	111710	CAL35181	111626	CAL35619	114880
CAL30189	114899	CAL32141	113792	CAL35182	114214	CAL35620	114303
CAL30190	113535	CAL32144	113343	CAL35185	114807	CAL35621	114846
CAL30193	113763	CAL32146	115855	CAL35186	112069	CAL35623	113886
CAL30194	113763	CAL32147	113330	CAL35189	111627	CAL35624	115315

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CAL35628	114809	CAL40188	111951	CAL40311	114897	CAL45105	111361
CAL35629	114382	CAL40190	110679	CAL40312	113803	CAL45106	112329
CAL35630	114843	CAL40193	111796	CAL40313	115683	CAL45109	112330
CAL35637	115798	CAL40194	113067	CAL40314	113921	CAL45110	113786
CAL35638	115799	CAL40195	113849	CAL40315	113246	CAL45111	111980
CAL35640	115800	CAL40196	115865	CAL40319	115813	CAL45114	111268
CAL35645	114845	CAL40197	110117	CAL40329	114290	CAL45116	112394
CAL35646	115577	CAL40201	114201	CAL40330	114115	CAL45117	113888
CAL35647	114880	CAL40202	111018	CAL40331	114010	CAL46100	111846
CAL35659	115454	CAL40203	111018	CAL40333	113089	CAL46101	114114
CAL35662	113506	CAL40204	114272	CAL40335	110258	CAL46102	113498
CAL40100	110620	CAL40206	113972	CAL40336	113978	CAL46103	113350
CAL40101	111483	CAL40207	112063	CAL40337	115657	CAL46104	111708
CAL40102	111705	CAL40208	111215	CAL40339	110179	CAL46105	113349
CAL40103	110927	CAL40209	115416	CAL40353	114241	CAL46106	114350
CAL40104	111048	CAL40211	113358	CAL40354	114186	CAL46107	114412
CAL40105	111578	CAL40212	113235	CAL40357	110137	CAL46108	111846
CAL40106	110967	CAL40213	113235	CAL40359	111285	CAL46109	113349
CAL40107	111437	CAL40214	111830	CAL40361	115701	CAL46111	113498
CAL40108	111468	CAL40216	114250	CAL40363	110248	CAL46112	114114
CAL40109	110138	CAL40217	112356	CAL40364	114231	CAL46113	114114
CAL40110	112860	CAL40218	115415	CAL40367	114455	CAL46114	115366
CAL40111	110564	CAL40219	114242	CAL40368	115546	CAL46601	115690
CAL40113	111609	CAL40220	114491	CAL40369	113763	CAL46602	111647
CAL40114	111480	CAL40224	115788	CAL40372	115457	CAL46603	115969
CAL40115	110682	CAL40225	113969	CAL40373	114190	CAL47100	111279
CAL40119	111610	CAL40226	115527	CAL40375	115803	CAL47101	111950
CAL40120	113076	CAL40228	115704	CAL40379	114256	CAL47102	113322
CAL40121	114300	CAL40229	114248	CAL40390	115792	CAL47104	111279
CAL40122	113742	CAL40231	115579	CAL40408	114205	CAL47105	111779
CAL40123	114218	CAL40232	115750	CAL40412	110374	CAL47106	114215
CAL40127	114227	CAL40234	114518	CAL40416	115679	CAL48100	110622
CAL40128	114411	CAL40236	115748	CAL40422	115669	CAL48101	112387
CAL40130	111605	CAL40237	115789	CAL40435	114390	CAL48102	112273
CAL40132	111963	CAL40239	114208	CAL40436	114694	CAL48103	112075
CAL40133	111042	CAL40246	114258	CAL40441	114403	CAL48106	113340
CAL40135	114828	CAL40247	115790	CAL40444	115868	CAL48107	111353
CAL40136	114828	CAL40248	110620	CAL40447	113085	CAL48108	113531
CAL40137	110496	CAL40250	114085	CAL40488	113942	CAL48109	113543
CAL40138	110629	CAL40251	114708	CAL40600	112252	CAL48110	113632
CAL40140	111518	CAL40254	114704	CAL40601	111596	CAL48111	110542
CAL40141	114188	CAL40257	114390	CAL40606	111782	CAL48112	111843
CAL40142	113715	CAL40258	115305	CAL40607	111484	CAL49100	110350
CAL40143	115791	CAL40259	114410	CAL40608	111613	CAL50600	110562
CAL40144	114041	CAL40260	113235	CAL40609	110563	CAL50606	111051
CAL40145	111435	CAL40262	115462	CAL40610	115633	CAL50609	115445
CAL40146	114386	CAL40263	114097	CAL40611	114113	CAL50611	115445
CAL40147	114115	CAL40264	115579	CAL40618	111261	CAL50620	113212
CAL40149	110679	CAL40265	115864	CAL40619	115385	CAL50622	112160
CAL40151	114043	CAL40266	110138	CAL40620	114813	CAL50627	115994
CAL40152	114242	CAL40267	112063	CAL40621	115794	CAL51100	111216
CAL40153	113365	CAL40268	112669	CAL41100	113903	CAL51101	113716
CAL40154	113970	CAL40269	114083	CAL41101	112334	CAL51102	113716
CAL40156	113902	CAL40271	115787	CAL41104	111787	CAL56100	115463
CAL40157	114405	CAL40272	111193	CAL41105	113656	CAL60100	110986
CAL40158	114206	CAL40273	114157	CAL41111	114766	CAL60101	112989
CAL40159	114679	CAL40274	114810	CAL41112	112506	CAL60102	111232
CAL40161	114147	CAL40275	113559	CAL41115	114766	CAL60103	110505
CAL40162	114158	CAL40276	113990	CAL42100	112578	CAL60105	113685
CAL40163	114006	CAL40279	115863	CAL42105	115380	CAL60106	113694
CAL40164	113922	CAL40286	113090	CAL42106	114726	CAL60109	111713
CAL40165	114243	CAL40287	114005	CAL42107	114235	CAL60112	110724
CAL40166	114011	CAL40288	110628	CAL42108	114779	CAL60113	114512
CAL40167	113296	CAL40291	114490	CAL42109	114728	CAL60114	114665
CAL40168	113989	CAL40292	115863	CAL42110	115526	CAL60115	114665
CAL40171	114010	CAL40293	113969	CAL42116	115410	CAL60118	110499
CAL40172	114377	CAL40295	115929	CAL42118	115761	CAL60119	110508
CAL40173	111598	CAL40296	115700	CAL44100	115660	CAL60125	114536
CAL40174	114231	CAL40297	114709	CAL44101	112358	CAL60126	111232
CAL40175	114012	CAL40298	114897	CAL44103	114288	CAL60600	110801
CAL40176	114065	CAL40299	114904	CAL44104	114203	CAL60602	112261
CAL40177	114251	CAL40300	114410	CAL44105	112860	CAL60603	112265
CAL40178	114024	CAL40302	114694	CAL44106	111435	CAL60604	111261
CAL40180	111965	CAL40303	114490	CAL44107	113306	CAL60605	111261
CAL40181	115724	CAL40305	114900	CAL44108	112101	CAL60606	112160
CAL40182	115929	CAL40306	114090	CAL44109	114361	CAL60607	112160
CAL40185	115935	CAL40308	114704	CAL44110	112363	CAL60608	112160
CAL40186	111538	CAL40309	115930	CAL45100	110168	CAL60609	112160
CAL40187	113069	CAL40310	114290	CAL45104	111280	CAL60612	112160

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>CASCO</b> <i>Continued</i>							
CAL60613	112160	CST10171	111015	CST10272	114460	CST10373	110813
CAL60614	110300	CST10172	115470	CST10274	111823	CST10374	110812
CAL60618	114864	CST10172	116013	CST10275	113678	CST10375	110529
CAL60624	110544	CST10173	113482	CST10275	115507	CST10376	115324
CAS15100	114046	CST10174	112034	CST10276	110537	CST10378	114105
CAS15101	114044	CST10175	110538	CST10277	113935	CST10379	113281
CAS15102	114045	CST10176	113963	CST10277	115501	CST10380	114304
CDS22100	110060	CST10177	115697	CST10278	113842	CST10381	114195
CDS22102	110061	CST10179	112497	CST10278	115508	CST10382	115420
CST10100	111065	CST10180	113480	CST10279	112429	CST10383	114068
CST10101	113387	CST10181	113268	CST10280	114054	CST10384	114177
CST10102	111996	CST10182	113307	CST10280	115516	CST10385	114395
CST10103	111909	CST10183	110364	CST10281	112221	CST10386	111030
CST10104	112005	CST10185	110368	CST10283	114723	CST10387	110772
CST10105	112053	CST10186	111115	CST10284	115535	CST10388	112496
CST10106	112321	CST10187	110844	CST10285	112074	CST10389	115942
CST10107	111748	CST10188	110363	CST10286	112444	CST10390	114317
CST10108	111749	CST10189	114741	CST10287	113931	CST10392	113705
CST10109	111489	CST10190	110519	CST10288	112534	CST10393	110869
CST10110	110793	CST10191	111752	CST10289	111851	CST10394	112267
CST10112	114758	CST10192	112135	CST10291	114265	CST10395	114676
CST10113	112006	CST10193	111217	CST10293	111851	CST10396	113467
CST10114	112439	CST10194	114051	CST10294	113430	CST10397	111304
CST10115	112286	CST10195	113346	CST10295	113773	CST10400	110590
CST10116	113674	CST10198	111750	CST10296	112430	CST10403	114091
CST10117	110585	CST10200	111848	CST10298	111793	CST10404	114162
CST10118	111911	CST10201	112445	CST10300	114094	CST10405	114740
CST10119	111055	CST10202	112431	CST10301	112440	CST10406	115312
CST10120	111123	CST10203	113276	CST10302	112537	CST10407	115398
CST10121	111059	CST10204	115540	CST10304	114021	CST10408	114692
CST10122	111685	CST10205	111127	CST10306	110519	CST10409	114849
CST10123	110536	CST10208	111865	CST10308	114233	CST10410	115335
CST10124	114477	CST10209	111995	CST10309	113959	CST10410	116059
CST10125	111900	CST10210	113446	CST10312	113613	CST10411	112553
CST10126	111029	CST10211	112167	CST10314	112040	CST10412	115333
CST10127	112309	CST10212	111694	CST10315	113282	CST10414	115938
CST10128	111851	CST10214	111908	CST10316	110831	CST10416	113292
CST10129	110336	CST10215	110839	CST10318	114176	CST10417	114297
CST10130	111120	CST10216	111123	CST10319	114092	CST10419	115542
CST10131	112440	CST10219	111131	CST10320	114174	CST10421	114775
CST10132	110862	CST10223	112537	CST10322	114181	CST10421	115502
CST10133	111059	CST10224	113134	CST10323	114316	CST10422	113430
CST10134	111400	CST10225	112454	CST10324	113745	CST10423	115939
CST10135	111058	CST10226	113181	CST10326	112459	CST10424	113960
CST10136	112172	CST10227	114395	CST10327	113677	CST10426	111010
CST10137	111060	CST10228	112442	CST10328	114062	CST10427	115336
CST10138	113515	CST10229	113478	CST10330	114294	CST10428	115515
CST10139	112435	CST10230	112071	CST10331	111422	CST10429	115940
CST10140	113846	CST10231	111004	CST10332	113962	CST10430	115635
CST10141	111347	CST10233	111752	CST10334	111421	CST10431	114689
CST10142	111855	CST10234	115472	CST10336	114160	CST10433	115825
CST10143	115816	CST10235	111332	CST10337	112660	CST10434	115559
CST10144	110867	CST10236	111001	CST10339	111885	CST10434	116054
CST10145	110847	CST10237	110522	CST10340	113968	CST10435	114299
CST10146	111069	CST10238	110525	CST10345	115423	CST10436	115948
CST10147	111490	CST10239	111755	CST10347	115941	CST10438	115394
CST10148	113752	CST10240	111332	CST10348	116039	CST10439	114886
CST10149	111619	CST10244	110537	CST10350	111041	CST10440	114054
CST10150	110813	CST10245	114106	CST10352	114096	CST10440	115516
CST10151	110530	CST10247	113513	CST10353	110522	CST10442	114869
CST10152	113451	CST10248	113276	CST10354	112236	CST10443	111855
CST10153	113182	CST10249	114179	CST10355	113269	CST10444	115311
CST10154	110530	CST10250	113271	CST10356	110551	CST10445	114173
CST10155	112267	CST10251	113843	CST10357	112052	CST10446	114020
CST10156	115428	CST10252	111724	CST10358	114321	CST10447	115399
CST10157	111904	CST10253	113303	CST10359	113181	CST10448	115400
CST10158	112818	CST10254	114175	CST10360	113478	CST10449	110536
CST10159	111769	CST10255	113841	CST10361	112071	CST10451	115563
CST10160	111900	CST10256	113509	CST10361	112555	CST10454	115997
CST10161	113389	CST10258	114052	CST10362	114050	CST10455	114833
CST10162	112436	CST10259	113761	CST10363	110814	CST10456	113303
CST10164	112441	CST10260	114814	CST10364	114093	CST10457	114178
CST10165	112438	CST10261	112249	CST10364	115512	CST10458	115570
CST10166	112039	CST10263	110552	CST10365	114295	CST10460	115636
CST10167	113286	CST10264	114274	CST10367	111001	CST10461	114850
CST10168	114053	CST10267	110519	CST10368	115375	CST10462	115401
CST10169	114055	CST10268	114002	CST10369	114402	CST10463	115338
CST10170	113177	CST10269	113706	CST10371	110539	CST10464	115337
CST10170	115329	CST10271	112041	CST10372	110814	CST10465	115402

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CST10469	110842	CST10645	112119	CST10777	114397	CST15125	111422
CST10474	113843	CST10646	110214	CST10778	114478	CST15126	115559
CST10477	115818	CST10648	111231	CST10779	112120	CST15126	116054
CST10481	113900	CST10650	112116	CST10781	114069	CST15127	110365
CST10482	115698	CST10651	112116	CST10783	116044	CST15128	113843
CST10484	115770	CST10653	110484	CST10785	112055	CST15129	112435
CST10485	112304	CST10654	115756	CST10786	111910	CST15130	115829
CST10490	115946	CST10655	114523	CST10796	110524	CST15131	115539
CST10491	115986	CST10656	114033	CST10799	114437	CST15134	115611
CST10494	115344	CST10657	112494	CST10803	114327	CST15135	115612
CST10495	115996	CST10658	112446	CST10804	114193	CST15136	113932
CST10501	113981	CST10659	113759	CST10804	115877	CST15137	112474
CST10503	114742	CST10660	113466	CST11100	110449	CST15138	113719
CST10505	115735	CST10661	113183	CST11105	110450	CST15138	115869
CST10506	115961	CST10662	113277	CST11107	110590	CST15139	111931
CST10508	115638	CST10663	112055	CST11108	110240	CST15140	110587
CST10509	114837	CST10664	112498	CST11111	110648	CST15141	111100
CST10511	112441	CST10665	113484	CST11112	114519	CST15142	110365
CST10511	115505	CST10667	110527	CST11115	110452	CST15143	113605
CST10512	115395	CST10668	112670	CST11600	110566	CST15144	111442
CST10513	115646	CST10669	116041	CST11601	110566	CST15145	111994
CST10514	115696	CST10671	112037	CST11602	112091	CST15146	111114
CST10517	115444	CST10674	112581	CST11603	111097	CST15147	111115
CST10518	113182	CST10675	113608	CST11606	113453	CST15148	111063
CST10522	115733	CST10676	113851	CST11608	112372	CST15149	111063
CST10525	115771	CST10676	115885	CST11609	110998	CST15150	111068
CST10526	116024	CST10679	112494	CST11613	113851	CST15151	110367
CST10527	114275	CST10680	114196	CST11613	115885	CST15152	110367
CST10533	115588	CST10681	113760	CST11623	112090	CST15153	110856
CST10534	115768	CST10682	113891	CST14100	112251	CST15154	112541
CST10539	115558	CST10683	114031	CST14101	112821	CST15155	111047
CST10541	113847	CST10683	115892	CST14101	115870	CST15157	111114
CST10543	115560	CST10684	114220	CST14103	113905	CST15162	113962
CST10548	110840	CST10685	114266	CST14104	112290	CST15164	112217
CST10549	114315	CST10686	114236	CST14105	113794	CST15165	114030
CST10550	116002	CST10690	112581	CST14106	113701	CST15167	114127
CST10551	115335	CST10695	112651	CST14107	113910	CST15169	112475
CST10551	116059	CST10696	116040	CST14108	113906	CST15171	113929
CST10552	115962	CST10697	113184	CST14109	113908	CST15173	114161
CST10553	115998	CST10698	111219	CST14109	116062	CST15174	113974
CST10554	115900	CST10700	113979	CST14110	113909	CST15175	111334
CST10555	112014	CST10701	114398	CST14111	113907	CST15176	111335
CST10556	115334	CST10702	113466	CST14112	113911	CST15177	112474
CST10557	115736	CST10703	113468	CST14113	111131	CST15178	111398
CST10600	110213	CST10704	110533	CST14114	111131	CST15179	114035
CST10601	110206	CST10705	111637	CST14115	111906	CST15180	111404
CST10602	110210	CST10706	110998	CST14116	112235	CST15182	114176
CST10603	110212	CST10707	113466	CST14117	111374	CST15183	113841
CST10604	111771	CST10711	112055	CST14119	115641	CST15184	115744
CST10605	111910	CST10713	114170	CST14121	115405	CST15185	113842
CST10606	112224	CST10714	113934	CST14122	113906	CST15185	115508
CST10607	114313	CST10715	111003	CST14124	114092	CST15186	114074
CST10608	114073	CST10716	111638	CST14125	113910	CST15188	115403
CST10611	110523	CST10717	111637	CST14128	113959	CST15192	115974
CST10612	110524	CST10719	114376	CST14130	116051	CST15193	110866
CST10614	112132	CST10719	115513	CST14131	116049	CST15194	111123
CST10617	113980	CST10720	113980	CST14132	116050	CST15198	113963
CST10618	111640	CST10721	112174	CST14133	116052	CST15199	114163
CST10619	111399	CST10722	114001	CST14134	116053	CST15203	113756
CST10620	110512	CST10723	114527	CST15100	110584	CST15204	111931
CST10621	110207	CST10724	113859	CST15101	111130	CST15205	112214
CST10622	110582	CST10728	110206	CST15102	111251	CST15206	113478
CST10623	112507	CST10730	110532	CST15103	113481	CST15207	113926
CST10624	110601	CST10733	110521	CST15104	111070	CST15208	111694
CST10626	110534	CST10734	110518	CST15105	111123	CST15209	112286
CST10627	114744	CST10735	110520	CST15106	110584	CST15210	111900
CST10628	110535	CST10736	110517	CST15107	111347	CST15211	113387
CST10630	110932	CST10737	114307	CST15108	113254	CST15212	113773
CST10631	114446	CST10742	114319	CST15109	112295	CST15213	114719
CST10632	110512	CST10743	115590	CST15110	112218	CST15214	112429
CST10633	110212	CST10750	110517	CST15112	111641	CST15215	113933
CST10634	110582	CST10754	113850	CST15113	111851	CST15217	111508
CST10635	111219	CST10761	112498	CST15115	115442	CST15218	115947
CST10636	110980	CST10764	110523	CST15117	114854	CST15219	112053
CST10637	110981	CST10769	110210	CST15119	113897	CST15220	113134
CST10638	110206	CST10770	110208	CST15120	112475	CST15221	114029
CST10639	110532	CST10771	110208	CST15121	115574	CST15226	115554
CST10643	110531	CST10773	112498	CST15123	115745	CST15227	114171
CST10644	110205	CST10776	111218	CST15124	115376	CST15228	114878

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>CASCO</b> <i>Continued</i>							
CST15229	111909	CST20164	111766	CST21147	114447	CST30148	111685
CST15230	114525	CST20167	112373	CST21148	110565	CST30149	111865
CST15232	114198	CST20170	111098	CST21150	115357	CST30152	115423
CST15234	113905	CST20171	112296	CST21151	112071	CST30154	113925
CST15235	111996	CST20178	110575	CST21152	112039	CST30157	114072
CST15238	114460	CST20179	114526	CST21154	113429	CST30158	113962
CST15239	112218	CST20180	110573	CST21155	114852	CST30161	114387
CST15240	112295	CST20181	114197	CST21157	113381	CST30162	111422
CST15244	113841	CST20183	114764	CST21158	110338	CST30163	113446
CST15246	115685	CST20185	114197	CST21600	115537	CST30164	114123
CST15247	115948	CST20186	112083	CST21604	113468	CST30165	110640
CST15248	114299	CST20190	114482	CST21605	114220	CST30166	111911
CST15249	114034	CST20194	114763	CST21606	114398	CST30170	113655
CST15250	115336	CST20195	114213	CST21609	114307	CST30171	114297
CST15251	113926	CST20195	114253	CST25100	110439	CST30172	110529
CST15253	110354	CST20197	114308	CST25101	111737	CST30173	113701
CST15254	115354	CST20199	114687	CST25102	110462	CST30176	110519
CST15255	115634	CST20201	110332	CST25103	110565	CST30177	110522
CST15257	115839	CST20202	112008	CST25104	110438	CST30600	110517
CST15258	115402	CST20205	114675	CST25105	110443	CST30601	110521
CST15261	114175	CST20216	110156	CST25107	110461	CST30602	110518
CST15263	115949	CST20217	116085	CST25108	110442	CST30603	110521
CST15265	115426	CST20218	115341	CST25109	110545	CST30604	110520
CST15272	115684	CST20219	113962	CST25110	111573	CST32100	112322
CST15275	115555	CST20221	115361	CST25111	112164	CST32101	110958
CST15276	115610	CST20222	114232	CST25112	112277	CST32102	111307
CST15277	111125	CST20223	114739	CST25113	110440	CST32104	113521
CST15603	111231	CST20224	110312	CST25114	110818	CST32105	113329
CST15604	114100	CST20226	114874	CST25115	112136	CST32106	113937
CST15604	115893	CST20228	111683	CST25116	110464	CST32107	113329
CST15605	111231	CST20232	114281	CST25117	110441	CST32108	113796
CST20100	111690	CST20233	110412	CST25118	110819	CST32109	113020
CST20101	111534	CST20241	114482	CST25119	113380	CST32110	114885
CST20102	112320	CST20249	114261	CST25120	110464	CST32111	114732
CST20103	110279	CST20254	111452	CST25121	110465	CST32112	110808
CST20104	111805	CST20261	114032	CST25122	114650	CST32113	113659
CST20105	111445	CST20600	111558	CST25123	110442	CST32114	111912
CST20106	111136	CST20601	110616	CST25125	112163	CST32115	113445
CST20109	113408	CST20603	113191	CST25128	115572	CST32116	113727
CST20110	110485	CST20604	110723	CST25129	114821	CST32117	113797
CST20113	110820	CST20606	113675	CST25131	111574	CST32118	113638
CST20114	110412	CST20608	110723	CST25132	111346	CST32121	114760
CST20117	112478	CST21100	110536	CST25133	114730	CST32123	115758
CST20118	110142	CST21101	115423	CST25134	110615	CST32124	114443
CST20119	110719	CST21102	112249	CST25137	110818	CST32125	114443
CST20120	111182	CST21103	114265	CST25139	110818	CST32126	113937
CST20121	111274	CST21104	110565	CST25145	111102	CST32129	113797
CST20122	110807	CST21105	115423	CST30100	110814	CST32130	113445
CST20124	111303	CST21106	114387	CST30101	110529	CST32131	114820
CST20125	111312	CST21107	114387	CST30102	110813	CST32132	112322
CST20126	111549	CST21108	114388	CST30103	110814	CST32134	113797
CST20127	111459	CST21109	114447	CST30104	110812	CST32137	114778
CST20129	110575	CST21110	112488	CST30105	112289	CST32138	114762
CST20130	112365	CST21111	110565	CST30106	112455	CST32140	110245
CST20131	111054	CST21113	113532	CST30107	111422	CST32141	115571
CST20132	110719	CST21114	110439	CST30108	111420	CST32143	115626
CST20133	111559	CST21117	113570	CST30109	112026	CST32145	115446
CST20135	114098	CST21118	113982	CST30110	111025	CST32147	113797
CST20136	110417	CST21120	114020	CST30111	113931	CST32600	112342
CST20137	112674	CST21121	114117	CST30112	112379	CST32601	115674
CST20138	111706	CST21123	110439	CST30113	111585	CST32602	113456
CST20139	112373	CST21127	115536	CST30114	113446	CST32603	114343
CST20140	110155	CST21128	114276	CST30115	112380	CST33101	113409
CST20141	110386	CST21129	113177	CST30115	115951	CST33104	110312
CST20143	111683	CST21129	115329	CST30116	112124	CST33108	115406
CST20144	112676	CST21130	112034	CST30117	111421	CST33109	112214
CST20145	110280	CST21131	113181	CST30118	110338	CST35100	110809
CST20149	111382	CST21133	114264	CST30119	111025	CST35101	110394
CST20150	112382	CST21134	112034	CST30120	112382	CST35102	111476
CST20151	113962	CST21136	113459	CST30122	111685	CST35103	111565
CST20152	113962	CST21137	115397	CST30126	115407	CST35104	111461
CST20154	112371	CST21137	115500	CST30129	111118	CST35105	110315
CST20155	112672	CST21138	110565	CST30131	111118	CST35106	110811
CST20155	116144	CST21139	113181	CST30132	110365	CST35107	111475
CST20156	114032	CST21141	111224	CST30133	112533	CST35108	113795
CST20157	113408	CST21142	111755	CST30138	110352	CST35109	111970
CST20158	111559	CST21143	113901	CST30142	113346	CST35110	112474
CST20159	115686	CST21144	114107	CST30146	112455	CST35111	111300
CST20161	115981	CST21145	114021	CST30147	110854	CST35112	111273



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CST35113	112370	CST35213	114217	CST35631	114872	CST40163	113965
CST35114	111703	CST35214	115378	CST35631	115875	CST40165	113725
CST35115	110158	CST35215	114167	CST35632	114310	CST40166	113211
CST35116	111971	CST35219	111305	CST35632	115888	CST40168	113696
CST35117	111552	CST35221	111451	CST35633	114086	CST40170	110411
CST35118	111241	CST35222	111451	CST35633	115896	CST40171	113428
CST35119	111608	CST35223	114885	CST35634	113851	CST40172	110942
CST35120	111305	CST35224	112846	CST35634	115885	CST40174	110941
CST35121	112276	CST35225	114329	CST35635	115439	CST40175	110356
CST35122	111728	CST35231	115599	CST35635	115876	CST40176	111548
CST35123	111272	CST35232	113642	CST35636	114001	CST40177	251492
CST35124	113445	CST35235	115360	CST35637	115440	CST40178	113402
CST35125	112103	CST35236	115727	CST35638	114323	CST40179	110938
CST35126	110182	CST35238	114074	CST35638	115889	CST40181	110940
CST35127	114183	CST35239	111552	CST35639	114733	CST40182	113114
CST35128	110149	CST35241	115728	CST35639	115894	CST40183	113928
CST35129	110808	CST35242	114871	CST35640	114819	CST40184	110245
CST35130	110808	CST35245	113960	CST35641	114729	CST40185	112547
CST35133	110808	CST35246	113933	CST35643	113672	CST40186	114071
CST35134	113319	CST35247	113254	CST35643	115881	CST40188	111564
CST35135	113927	CST35249	112215	CST35644	114193	CST40190	110485
CST35137	111912	CST35250	115597	CST35644	115877	CST40191	111683
CST35138	112300	CST35252	115327	CST35656	114873	CST40193	115643
CST35139	111994	CST35253	111300	CST35664	115891	CST40194	111021
CST35142	114488	CST35254	113995	CST35668	115556	CST40197	114168
CST35144	113638	CST35255	114487	CST35668	115886	CST40198	113601
CST35146	114059	CST35256	115330	CST35669	114872	CST40199	111764
CST35147	113323	CST35257	111272	CST35669	115875	CST40200	110249
CST35148	114856	CST35260	114479	CST37600	114017	CST40203	113985
CST35149	111070	CST35266	115639	CST37603	114345	CST40205	113629
CST35150	111349	CST35267	115359	CST38109	112250	CST40206	113231
CST35151	114460	CST35268	115991	CST40100	113361	CST40207	114060
CST35152	111108	CST35269	111849	CST40101	111561	CST40208	113239
CST35153	113930	CST35270	114180	CST40102	110402	CST40209	113237
CST35154	112178	CST35271	113932	CST40103	115594	CST40211	111548
CST35155	114439	CST35272	114838	CST40104	111088	CST40214	112489
CST35156	110572	CST35273	114696	CST40105	110389	CST40217	110485
CST35157	111005	CST35278	115842	CST40106	110152	CST40218	114748
CST35158	113551	CST35284	114686	CST40107	110708	CST40220	110436
CST35159	112368	CST35285	113644	CST40109	111683	CST40221	113207
CST35160	113897	CST35286	115448	CST40110	111442	CST40223	111190
CST35161	111272	CST35292	115774	CST40114	111310	CST40225	113702
CST35162	114237	CST35295	090061	CST40116	111455	CST40226	113239
CST35164	110947	CST35309	115627	CST40117	112214	CST40227	114685
CST35165	113618	CST35316	111994	CST40118	112214	CST40228	252392
CST35166	114460	CST35325	115830	CST40119	111442	CST40234	112369
CST35168	113964	CST35326	113819	CST40122	111463	CST40235	114816
CST35169	114279	CST35328	115426	CST40123	113649	CST40238	113244
CST35171	114855	CST35600	111913	CST40124	110312	CST40239	113938
CST35172	114058	CST35601	113984	CST40127	112036	CST40241	114851
CST35173	110933	CST35602	112323	CST40129	111197	CST40242	114711
CST35174	114057	CST35603	113669	CST40130	111984	CST40243	111189
CST35175	114108	CST35606	113194	CST40131	113132	CST40245	110485
CST35177	111475	CST35607	113210	CST40132	111087	CST40246	113478
CST35178	114394	CST35608	110576	CST40133	110246	CST40248	112545
CST35179	114283	CST35609	113672	CST40134	110961	CST40249	114216
CST35180	114060	CST35609	115881	CST40135	113662	CST40250	110245
CST35181	111311	CST35610	114280	CST40136	110411	CST40254	113429
CST35183	113040	CST35611	114100	CST40137	110720	CST40255	113630
CST35186	111730	CST35611	115893	CST40138	110421	CST40256	115362
CST35187	113931	CST35613	114169	CST40140	110411	CST40258	114071
CST35189	112177	CST35614	113673	CST40141	110713	CST40260	112246
CST35190	114444	CST35614	115882	CST40143	110447	CST40263	114419
CST35191	114061	CST35615	115556	CST40144	111622	CST40264	110938
CST35192	114334	CST35615	115886	CST40145	110473	CST40267	115468
CST35193	110394	CST35616	114445	CST40146	114240	CST40268	114056
CST35195	114232	CST35618	113830	CST40147	111785	CST40270	110709
CST35198	111849	CST35618	115884	CST40148	113172	CST40271	110323
CST35200	111273	CST35621	112822	CST40149	111525	CST40274	111492
CST35201	113702	CST35621	115880	CST40150	110627	CST40277	114226
CST35203	113044	CST35622	114474	CST40151	110962	CST40278	114223
CST35204	112301	CST35623	115593	CST40152	112249	CST40280	113242
CST35205	114238	CST35623	115887	CST40154	111224	CST40281	112367
CST35206	111275	CST35626	113195	CST40155	114309	CST40284	111544
CST35207	113977	CST35627	114185	CST40158	111683	CST40287	115613
CST35208	110947	CST35628	115801	CST40159	110708	CST40288	115723
CST35210	114818	CST35629	113676	CST40160	112291	CST40292	113983
CST35211	115553	CST35629	115883	CST40161	113271	CST40293	111552
CST35212	110421	CST35630	115756	CST40162	115950	CST40294	112336

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>CASCO</b> <i>Continued</i>							
CST40295	110940	CST40637	114277	CST60113	111224	87645567	114469
CST40300	114342	CST40641	115821	CST60115	112253	87677207	114698
CST40302	112006	CST40642	110580	CST60117	113935	87677208	114698
CST40303	114037	CST41100	114885	CST60117	115501	87720193	114698
CST40305	114417	CST41101	113327	CST60119	110469	91448C2	112773
CST40307	116000	CST41102	114762	CST60120	110468	92294C1	111364
CST40308	115964	CST41103	110810	CST60123	110436	957340EX	110818
CST40309	115645	CST41106	115968	CST60124	112089	A130672Z	111713
CST40311	111197	CST41107	110389	CST60125	111683	A145324	110436
CST40312	114440	CST41600	112649	CST60126	110602	A162578	110436
CST40316	114239	CST42100	111065	CST60127	110216	A169694	112169
CST40317	115328	CST42101	114270	CST60128	114341	A170746	113725
CST40318	115642	CST44100	111387	CST60129	114476	A186180	112135
CST40319	115644	CST44101	113314	CST60130	114298	A186224	110436
CST40320	114661	CST44102	110421	CST60131	114325	A187597	111885
CST40321	113429	CST44103	114889	CST60134	112268	A187623	111843
CST40322	114305	CST44104	110397	CST60137	112255	A187728	113429
CST40323	115524	CST44105	111874	CST60140	112233	A187873	111888
CST40324	114731	CST44109	114071	CST60141	112232	A34442	110436
CST40325	114853	CST44110	113665	CST60144	113125	A47464	110436
CST40326	114255	CST44111	111984	CST60145	112660	A49652	110300
CST40327	114037	CST44112	110152	CST60147	110472	A75864	110436
CST40329	110245	CST44119	111464	CST60149	110569	K308650	110462
CST40330	114891	CST44600	114336	CST60600	111760	K956426	111364
CST40331	114224	CST44601	110507	CST60601	110999	K957340	110818
CST40332	115352	CST45101	111763	CST60603	113695	K957340EX	110818
CST40337	112547	CST45102	113267	CST60604	111000	L72955	110300
CST40339	115755	CST45104	110256	CST60605	110347	M41595	110766
CST40340	110223	CST45105	110144	CST60607	112652	PBNA0103	110759
CST40341	113635	CST45107	114318	CST60608	113827	PO9415420	112170
CST40343	114716	CST45109	115522	CST60609	114013	R39341	110627
CST40347	110154	CST45110	114199	CST60611	113695		
CST40348	114093	CST46100	111849	CST60612	114330		
CST40351	115828	CST46101	111684	CST60613	114330	<b>CATERPILLAR</b>	
CST40353	114860	CST46102	111848	CST60614	113695	OR1903	114280
CST40354	114823	CST46103	113860	CST60615	112169	OR2186	110999
CST40357	110323	CST46107	114159	CST60617	114013	OR2187	111000
CST40360	115637	CST46110	111709	CST60621	114523	OR2189	110436
CST40364	115323	CST46111	114503	CST60623	112243	OR2190	111000
CST40365	111839	CST48100	111214	CST60624	112243	OR2415	110591
CST40367	114389	CST48101	112388			OR2698	110801
CST40368	111911	CST48102	111214			OR2735	113695
CST40374	111918	CST48103	112236	<b>CASE</b>		OR3653	113549
CST40376	113119	CST48105	113269	114799A1	111885	OR3667	111261
CST40380	115425	CST48106	110545	116928A2	113429	OR3669	111261
CST40386	115616	CST48107	111001	125849A1	112773	OR4259	111000
CST40388	113596	CST48108	110551	125849A1R	112773	OR4260	110436
CST40389	115322	CST48112	111041	1273112C91	110933	OR4263	113695
CST40391	115607	CST49101	112304	185046380	114759	OR4265	110436
CST40395	115468	CST50100	110568	193432A01	113429	OR4316	110941
CST40396	114817	CST50601	110580	193432A1	113429	OR4321	114268
CST40412	115729	CST50603	110656	1964860C1	112493	OR5203	112261
CST40413	115598	CST50604	110555	1987559C1	113725	OR5206	111261
CST40416	115733	CST50606	111254	202360T91	112773	OR5207	110999
CST40418	114325	CST50607	113385	202386T91	110436	OR5208	110436
CST40420	111552	CST50608	111212	234986A1	115536	OR5209	111000
CST40421	116016	CST50609	110723	234987A1	114107	OR5213	110347
CST40600	112823	CST50613	114393	259720A1	114449	OR5216	110436
CST40600	115872	CST50617	111982	2852405	114196	OR5217	110801
CST40601	112822	CST50618	115954	2855914	114701	OR5218	110436
CST40601	115880	CST50620	114396	3218239EX	110641	OR5270	110999
CST40602	110581	CST50621	114659	3218544EX	112098	OR5347	112089
CST40603	113203	CST50622	114267	3218577EX	111662	OR8279	112160
CST40605	111679	CST50623	115954	3218884EX	110766	OR9700	114043
CST40606	110490	CST50624	114483	3228193EX	111752	OR9702	115323
CST40608	110944	CST50626	114165	3228193R91	111752	OR9704	114870
CST40609	114337	CST50635	114166	3229193EX	111752	100-5045	111261
CST40611	112544	CST50644	115954	323319A1	110565	100-5046	111261
CST40612	114222	CST60102	110216	327121A1	112531	1005047	111261
CST40615	112544	CST60103	111277	388187A3	114777	100-8224	111793
CST40616	114340	CST60104	110602	529965R92	112660	104-7040	113695
CST40617	114693	CST60105	111041	84213446	114480	105-2811	114218
CST40619	114268	CST60106	112267	8605784	114695	105-2812	114218
CST40627	114047	CST60107	110604	86982709	113725	105-2813	114188
CST40628	113130	CST60108	110590	87040161	114399	105-2814	114188
CST40629	113204	CST60109	111222	87359905	115718	107-7977	112160
CST40631	114326	CST60110	112268	87418226	114469	109-2362	113186
CST40632	114695	CST60111	112341	87439313	114698	10R-1746	114271
CST40633	112544	CST60112	111224	87439317	114698	10R2576	115995
				87645566	113999	10R7946	114347

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
10R9790	114683	3T2657	110436	6N9677	110347	9S4870	110427
121502400	112544	3T2659	110436	6T0640	110347	9S6693	111261
1252988	114445	3T2660	110999	6T0647	110347	9W0058	110436
132-2156	112160	3T2772	110999	6T1193	110235	9W2946	113237
1430539	110941	3T2780	110347	6T1395	113549	9W3043	111834
1430540	110436	3T2785	110347	6T7001	110941	9W3748	110944
143-0541	114268	3T2787	110347	6T7004	110626	9X0341	111843
144-9954	114043	3T2879	112089	6T7223	111261	9X0354	114309
1449955	115323	3T3152	111000	6V0890	110347	9X1270	112327
144-9955	115323	3T3153	111000	7C2264	110961	OR19071	114813
147-7166	114280	3T3154	112089	7G7889	112989	OR4263	113695
155-9849	114870	3T3778	110347	7L8797	111000	OR4321	114268
160-4648	114168	3T4581	110999	7N0923	111224	OR4841	115385
167-7812	114864	3T4582	110999	7N4784	111796	OR4843	114683
177-9953	114683	3T4584	110999	7N4787	111796	OR9704	114870
185-5294	114813	3T4586	110999	7N6118	111796	OR9705	114168
197-8820	115385	3T5649	110626	7N6503	110436	OR9938	114864
1992334	113995	3T6305	110999	7N8404	111190	PX0341	111843
1L8174	111000	3T6352	110801	7N8405	112007	SL8206	112089
200-8281	114271	3T8208	110962	7N9720	110801		
207-1556	111000	3T8947	110347	7S5897	110427		
207-1564	111000	3T8949	110347	7T0794	111000	<b>CAV</b>	
225-3141	113763	3T8954	110347	7T0798	110999	1266450	111295
2253145	113967	3T8967	110347	7T0799	110999	1266530	111295
225-3147	114302	3Y6691	110801	7T0800	111000	1266720	111295
225-3148	114387	3Y8200	110801	7T0801	111000	1268520	111295
225-3149	114388	3Y8852	110999	7T0806	111000	1268560	111295
225-3150	114268	4L9547	112089	7T1081	110436	1268580	111295
2267683	115794	4N0241	114309	7T1082	110999	1268590	111295
226-7683	115794	4N0956	112089	7T1799	110999	1268590C	111295
234-4906	114271	4N0957	111000	7T2095	113549	1268590M	111295
235-3145	113967	4N0959	110347	7T2265	110436	1268600M	111295
249-3681	115326	4N3181	110999	7T9254	110436	1268610	111295
25900	110999	4N3182	110999	7X0994	113428	1268620	111295
266-7226	114864	4N3343	110347	7X1057	113172	1268630M	111295
2N3538	110436	4N3347	110999	86385	110075	1268650	111295
2N5599	110233	4N3348	110999	8C356	110436	1268660	111295
2P1204	110427	4N3349	110347	8C3592	112089	1268690	111295
2P1698	110427	4N3350	110999	8C3593	112089	1277640	111629
2P2501	110999	4N3986	112261	8C3596	110436	1277670	111833
2P5113	110427	4N4540	110138	8C3597	110999	1277670	116063
2S0900	110999	4N7901	110999	8C3644	111000	1277680	112343
2S900	110999	4N8118	111000	8C3645	111000	1277690	111842
2S945	110075	4N8253	110436	8C3647	110999	1277720	111842
3127536	115389	4N956	112089	8C3648	110436	1320015	110449
312-7539	113654	4N957	111000	8C3649	111000	1320023	110449
312-7576	115389	5A6494	110999	8C3650	110999	1320024	110449
32B66-00200	114169	5A6495	110999	8C3651	110999	1320027	110449
32B66-00204	114169	5A6522	110999	8C4774	110944	1320029	110449
32B66-20100	114169	5A8908	110801	8C5580	110436	1320035	110450
347205	110233	5L2537	111000	8H1813	111000	1320036	110450
351940	110235	5L2637	111000	8L5881	110436	1320114	110452
3E0079	110961	5L3648	110347	8L8205	110347	1320510	110449
3E1864	111224	5L4160	112089	8L8206	112089	1320513	110449
3E5127	110962	5L4168	112089	8N0999	110591	1320515	110449
3E5381	110944	5L4169	112089	8N1694	111190	1320582	110452
3E5382	113237	5L4405	110347	8N2145	110999	1320906	110452
3E7285	111888	5L5353	110347	8T4618	110961	1320F022	110449
3E7863	112089	5L537	111000	8T8619	110961	1320F027	110449
3E7864	110436	5L5667	112089	9G4337	110999	1320F035	110450
3L8205	110347	5L5867	112089	9G4339	110999	1320F036	110450
3N2702	110801	5L637	111000	9G5584	111000	1320F114	110452
3N2706	110801	5L648	110347	9G5585	111000	1320F513	110449
3P0006	110999	5LG48	110347	9G6941	111224	1320F515	110449
3P0007	110999	5N5692	110801	9G8255	110801	1320F515M	110450
3P0110	110999	5R3155	110999	9G9538	110591	1320F810	110449
3P3006	110999	5R3857	110999	9L2507	112243	1320F906	110452
3P3007	110999	5S9088	111261	9L3597	110436	1320G027	110449
3R2657	110436	5Z1083	110591	9L6200	112089	1320G028	110449
3R7356	110999	655293	113172	9L6464	110347	1320G035	110450
3T1888	111261	676375	110569	9L6484	110347	1320G036	110450
3T2579	110999	6N1889	111000	9L6691	111000	1320G114	110452
3T2646	111000	6N3122	111000	9M1662	110999	1320G515	110449
3T2647	110999	6N3160	111000	9N0435	111000	1320G906	110452
3T2649	111000	6N5217	110801	9N0453	111000	1320H027	110449
3T2650	111000	6N5468	110427	9N0716	112089	1320H036	110450
3T2652	110999	6N9249	110801	9N0721	112089	1320H114	110452
3T2654	111000	6N9294	110801	9N716	112089	1320H906	110452
3T2655	110436	6N9667	110347	9S4070	110427	1321020	110566

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>CAV Continued</b>							
1321021	110566	1327A600	110207	CA45F24-Y55M	112091	96566261	114114
1321022	110566	1327A601	110207	CA45F24-Y78	110527	96566262	111847
1321023	110566	1327A620	111097	CA45G12-11M	110452	96567255	114114
1321030	112091	1327A621	111097	CA45G12-2	110449	96627029	115380
1321032	112091	1327A680	111097	CA45G12-2M	110449	96647521	114503
1321033	112091	1327A681	111097	CA45G12-3	110450	96652100	115366
1321040	112091	1327A690	113453	CA45G12-3M	110450	96673046	114235
1321182	110998	1327A691	113453	CA45G12-51	110449	96831615	114298
1321184	110998	132D906	110452	CA45G12-51A	110449	96838439	114412
1321511	110566	132F906	110452	CA45G12-95	110452	96843574	114159
1321513	110566	132F916	111097	CA45G12-95M	110452	96843578	111123
1321552	112090	132G906	110452	CA45G24-112	111097	96843581	114503
1321780	110527	1403000	110206	CA45G24-121	113453	96866018	115380
1321916	111097	2311040	110347	CA45G24-121M	113453	96866020	114235
1321D033	112091	2311210	110205	CA45G24-124M	112090	96943429	113860
1321D551	112090	2996101	110527	CA45G24-125M	112372	96952005	111123
1321D552	112090	2998000	110525	CA45G24-12M	113453	96952006	111123
1321F021	110566	2998001	110524	CA45G24-18	110998	96952007	111848
1321F022	110566	2998002	111638	CA45G24-2	110566	96954113	114412
1321F032	112091	2998004	110527	CA45G24-3	112091	96963482	111849
1321F033	112091	2998006	110214	CA45G24-3M	112091	96963483	113860
1321F183	110998	2998007	110531	CA45G24-55M	112090		
1321F472	110566	2998008	110207	CA45H12-11M	110452	<b>CHRYSLER</b>	
1321F551	112090	2998009	110209	CA45H12-2	110449	04606755AC	114511
1321F780	110527	2998010	110210	CA45H12-3M	110450	04606755AD	114511
1321F904	110527	2998011	110206	CA45H24-125M	112372	04609345	114328
1321F916	111097	2998054	110112	CA45H24-18	110998	04609346	113242
1321F929	113453	2998055	110116	CA45H24-2	110566	04609346AB	113242
1321F936	112372	2998150	111000	CA45H24-3M	112091	04685664AC	114294
1321G022	110566	2998200	110529	S1115A12-3	110450	04686045AB	114135
1321G032	112091	2998201	110518	S11512-3M	110450	04686045AC	114135
1321G033	112091	2998230	112097	S11524-1	110566	04686045AD	115783
1321G183	110998	AC5RS-24	111295	S11524-18X	111578	04686512	114294
1321G551	112090	CA4512-11	110452	S11524-2	110566	04727313AB	114283
1321G916	111097	CA4512-2	110449	S11524-20	111097	04727313AC	114283
1321G929	113453	CA4512-3	110450	S11524-20X	111097	04727313AA	114283
1321G934	112090	CA4512-51	110449	S11524-23	111097	04727324AB	115936
1321G936	112372	CA4512-51A	110449	S11524-23X	111097	04727325	113235
1321G938	113453	CA4512-Y3M	110450	S11524-3M	112091	04793493	113613
1321H022	110566	CA4524-112	111097	S11524-4M	112090	04801250AB	114042
1321H033	112091	CA4524-18	110998	S11524-7	111097	04801250AB	116113
1321H183	110998	CA4524-2	110566	S11524-7X	111097	04801250AC	114042
1321H936	112372	CA45C24-2	110566	S11524-8	111097	04801250AC	116113
1327010	110449	CA45D12-2	110449	S11524-9	110998	04801250AD	114042
1327011	110449	CA45D12-2M	110449	S115A12-1	110449	04801250AD	116113
1327020	110450	CA45D12-3	110450	S115A12-15M	110452	04801250AA	114042
1327410	110566	CA45D12-3M	110450	S115A12-3M	110450	04801250AA	116113
1327420	110566	CA45D12-51	110449	S115A24-1	110566	04801323AB	115925
1327440	112090	CA45D12-95M	110452	S115A24-11M	112372	04801323AC	115925
1327470	111097	CA45D12-Y51	110449	S115A24-2	110566	04801323AD	115925
1327471	111097	CA45D24-18	110998	S115A24-20	111097	04801338AB	115701
1327480	111097	CA45D24-2	110566	S115A24-21	110207	04801472AA	114878
1327490	110998	CA45D24-3M	112091	S115A24-23	111097	04801516AA	115420
1327590	111097	CA45D24-55	112090	S115A24-29	111097	04868324AA	115936
1327591	111097	CA45D24-55M	112090	S115A24-30M	113453	04868429AB	114011
1327620	111097	CA45F12-11M	110452	S115A24-3M	112091	04868429AC	114011
1327621	111097	CA45F12-2	110449	S115A24-4M	112090	04868429AD	114011
1327A010	110449	CA45F12-3	110450	S115A24-7	111097	04868430AB	113803
1327A011	110449	CA45F12-3M	110450	S115A24-8	111097	04868430AC	113803
1327A020	110450	CA45F12-51	110449	S115A24-9	110998	04868430AD	113803
1327A021	110450	CA45F12-51A	110449	S115HD24-1	110206	04868430AE	113803
1327A024	110450	CA45F12-95M	110452	S130L24-21	110205	04868430AF	113803
1327A120	110452	CA45F12-Y11M	110452	Z1320F515	110449	04868431AB	113803
1327A121	110452	CA45F12-Y2	110449			04868431AC	113803
1327A410	110566	CA45F12-Y3M	110450	<b>CHEVROLET</b>			
1327A411	110566	CA45F12-Y51	110449	13580078	115761	04896808AB	114832
1327A421	110566	CA45F12-Y81	110449	219251	114114	04896808AC	114832
1327A430	112091	CA45F24-112	111097	25183761	115571	04896808AA	114832
1327A431	112091	CA45F24-121	113453	25187951	113860	04996808AC	114832
1327A440	112090	CA45F24-125M	112372	96289030	114114	05033125AB	114237
1327A441	112090	CA45F24-18	110998	96289430	113860	05033125AA	114144
1327A470	111097	CA45F24-2	110566	96314258	114114	05033163AC	113613
1327A471	111097	CA45F24-3	112091	96404263	111847	05033440AC	114217
1327A481	111097	CA45F24-3M	112091	96450663	111848	05033440AA	114217
1327A490	110998	CA45F24-47	110566	96469962	113860	05033556AB	113613
1327A491	110998	CA45F24-55	112090	96469963	111684	05033556AA	113613
1327A500	112372	CA45F24-55M	112090	96473777	111848	05033757AB	113884
1327A501	112372	CA45F24-Y2	110566	96540541	114350	05033757AA	113884
1327A591	111097	CA45F24-Y3	112091	96540542	114412	05073920AB	114210

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
05073920AC	114210	4686512	114294	5334509	111492	<b>CLAAS</b>	
05073920AA	114210	4686512AC	114294	54041012AC	111349	0011225650	114787
05080464AB	114663	4727036	111814	56004934	113044	1053560	110525
05080464AD	114663	4727220	112583	56005684	111193	1322450	110537
05097072AC	113282	4727221	113235	56005685	113063	1326150	110537
05097072AA	113282	4727313AB	114283	56005685AB	113063	5300551	115389
2095150	110223	4727313AC	114283	56005685AC	113358	6005028826	115848
2098500	110223	4727313AA	114283	56021012AB	111349	6853810	110525
2642121	110074	4727324AB	115936	56026851	111114	7700067836	114903
2875560	110223	4727325	113235	56027221AB	113362	7901820	111649
2875844	110074	4727325AA	113235	56027317	111349	7983020	115326
3000010	110074	4727329	113235	56027350	111490		
3000011	110074	4727329A	113235	560277002	113116	<b>CUMMINS</b>	
3131371	110231	4727329AA	113235	56027702	113116	01912362	116023
3131372	110231	4741012	113114	56027702AB	113120	111640	110801
3182774	110509	4746639	113114	56027702AC	113120	157579	110436
33002709	111349	4793189	111530	56027904	112301	185617	110436
33002941	112447	4793190	111530	56027913	113071	195827	112089
3438176	110236	4793493	113613	56029574AA	115679	195828	112089
3438177	110236	4796981	112301	56029700AA	113607	195829	112089
3438178	110236	4801323AB	115925	56041012	111349	195830	112089
3438179	110236	4801323AC	115925	56041012AB	111349	195833	112089
3438180	110236	4801323AD	115925	56041012AE	111349	195834	112089
3514308	110236	4801338AB	115701	56041013	112301	195835	112089
35532045	114233	4801472AA	114878	56041013AB	114238	197125	110436
3621860	110236	4801516AA	115420	56041014	111349	2031179	111261
3621861	110236	480955	110636	56041021AD	111349	203176	111261
3621866	110236	4864441	114828	56041136AB	113642	203179	111261
3621867	110236	4868324AA	115936	56041207	113618	214169	110300
3656130	110236	4868429AB	114011	56041207AB	113618	214318	110591
3656131	110236	4868429AC	114011	56041207AC	113618	30000347	110173
3656395	110236	4868429AD	114011	56041207AD	113618	3000347	112261
3656397	110236	4868430AB	113803	56041324	113559	3000347RX	112261
3656455	110236	4868430AC	113803	56041324AC	113559	3010125RX	110347
3656459	110236	4868430AD	113803	56041436AB	113642	3016627	110801
3656570	110236	4868430AE	113803	56041436AC	113642	3016627RX	110801
3656575	110223	4868430AF	113803	56041436AA	113642	3016628	112989
3656650	110223	4868860AA	113977	56041563AA	114274	3021036	111000
3755250	110222	4883447AA	114233	56041578AD	114377	3021038	110347
3755259	110223	5033125AB	114237	56041578AE	114377	3043007	112255
3755413	110236	5033125AA	114144	56041579AB	114279	3043008	112255
3755900	110223	5033133AB	113613	56041579AA	115573	3043010	112243
3780589	110236	5033133AC	113613	56041693AB	113607	3056492	112265
38522237F	114828	5033133AA	113613	56041693AC	113607	3072483	112265
38522255F	114828	5033253AA	116020	56041693AA	113607	3078116	110591
38522264F	113235	5033440AC	114217	56041822AA	113358	3102767	114013
38522267F	114300	5033440AA	114217	56044530AB	115935	3103304	113550
38522276	114243	5033556AB	113613	56044530AC	115935	3103915	113550
38522276F	114243	5033556AC	113613	56044530AA	115935	3103916	114330
3856713	110236	5033556AA	113613	56044532AB	115935	3103952	111000
3874777	110236	5033757AB	113884	56044532AC	115935	3251135	112160
4091950	110222	5073920AB	114210	56044532AD	115935	3255439	110895
4091975	110223	5073920AC	114210	56044532AA	115935	3279220	110175
4111860	110222	5073920AA	114210	56044672AB	115527	3279496	110436
4145360	110222	5080464AB	114663	56044672AA	115527	3282554	111843
4145568	110222	5097072AC	113282	59005685	113063	3282626	114693
4349144	111764	5097072AA	113282	616955	110636	3283214	112544
4379143	111764	5097755AA	113302	68080460AA	116082	3283329	112267
4379160	111764	5104775AA	113235	P56029574AA	115679	3283330	112267
4557709	111492	5170746AA	113607	RL041563AA	114274	3283721	114397
4606755AC	114511	5206971	110514			3283812	111885
4609003	112447	5206981	110514	<b>CITROËN → PEUGEOT</b>		3283813	113429
4609058	112846	5213053	110514			3283814	112544
4609345	114328	5213079	110514	<b>CLARK</b>		3284392	112170
4609346	113242	5213540	110514	00903320	114834	3575205RX	110485
4609346AB	113242	5213541	110514	2355692	111190	3603848RX	111261
4609415	113067	5213762	110514	2355695	110942	3603853RX	110300
4609999	113365	5213763	110514	2817056	111699	3603860RX	110177
4609999AB	113365	5226135	110514	3737270	111793	3603862RX	111000
4671041	111530	5226844	111764	6632415	110942	3603863RX	112089
4671320	113069	5233416	111193	8023898	111683	3603864RX	110436
4686021	111814	5233608	113051	807950	110947	3603868RX	110347
4686045	111492	5233718	111193	896892	110175	3603888RX	110347
4686045AB	114135	5234026	111193	911410	110947	3604225RX	110591
4686045AC	114135	5234027	111193	918306	113668	3604233RX	110999
4686098	112583	5234031	111193	920670	111272	3604321RX	111000
4686099	113235	5234509	111492			3604323RX	110436
4686106	111530	53002898	110986			3604473RX	112989
4686109	111492	53005984	111764			3604475RX	110505

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>CUMMINS</b> <i>Continued</i>							
3604476RX	110952	4100763	115386	1298995	112159	27060-87501-000	111048
3604481RX	112267	4900574	115968	1317220	112581	27060-87502-000	111048
3604482RX	112267	4934036	114326	1340893	112196	27060-87512-000	111437
3604483RX	112255	4936876	114536	1340893	115987	27060-87601-000	111437
3604484RX	110999	4988274	115680	1340895	111637	27060-87602-000	111437
3604485NW	113725	4992135	114702	1346162	112055	27060-87603-000	111610
3604485RX	113725	504065529	110175	1350515	110895	27060-87608-000	111610
3604648	112267	5259578	114296	1357210	112581	27060-87701-000	110374
3604654	113452	5259579	112498	1357212	112581	27060-87704-000	110374
3604660NW	113725	5265096	112498	1357591	110895	27060-87705-000	110374
3604663RX	110233	554560	110436	1357592	110895	27060-87714-000	111610
3604666AX	112824	604662RX	112544	1357593	112159	27060-87721-000	111610
3604666RX	112993	87419387	113429	1368327	113284	27060-87801-000	111048
3604669RX	110499	C4992135	114702	1368327	115491	27060-87802-000	115319
3604676RX	110801	CCA0220	110175	1377860	115617	27060-87203-000	113306
3604684RX	113114			1377860	115618	27060-97401-000	115929
3604784RX	110999	<b>CUSHMAN</b>		1387383	113760	27060-97402-000	115929
3610942	112089	888919	110421	1387388	114036	27060-97705-000	110374
3675121RX	112255			1400520	114036	28100-72010-000	110397
3675147RX	110488	<b>DAEWOO</b>		1443674	111000	28100-72080-000	110397
3675154NW	113725	219154	115690	1516445	111902	28100-87316-000	111525
3675154RX	113725	219170	114114	1604246	113934	28100-87401-000	112369
367520RX	111760	219232	113685	1626130	114089	28100-87526-000	111088
3675225RX	115812	219251	114114	1633811	114069	28100-87548-000	111088
3675242RX	112160	25026005	113457	1649066	114314	28100-87551	114851
3675245	113429	25026006	113458	1667205	113934	28100-87551-000	114851
3675247RX	112544	65.26201-7173	115969	1667425	114073	28100-87601-000	110473
3675254RX	115520	65.26201-7039	111683	1688625	114073	28100-87603	111464
3864990	114396	65.26201-7044	112502	1688720	113934	28100-87603-000	111464
3901365	112267	65.26201-7049	113456	1697022	113284	28100-87715-000	111548
3901386	112267	65.26201-7050	112344	1697022	115491	28100-87729-000	111548
3904445	112267	65.26201-7059	111683	1697023	115617	28100-87730-000	111548
3904466	113725	96190262	113349	1697023	115618	28100-87731-000	111548
3905480	112267	96206871	113498	1697024	115617		
3907622	110436	96208782	111684	1697024	115618	<b>DELCO → REMY (DELCO)</b>	
3908594	112169	96221945	113498	1697321	113284	<b>DELCO REMY → REMY (DELCO)</b>	
3909913	112267	96252115	113498	1697321	115491		
3910564	112372	96258990	113349	1697322	115617		
3910643	112255	96275481	111849	1697322	115618		
3910644	112243	96288095	113349	1725900	114069	<b>DENSO</b>	
3910645	110436	96289030	114114	1735788	112055	021000-0041	110138
3910646	110999	96289430	113860	1739935	114073	021000-0046	110138
3911343	114420	96300550	113350	1739936	113934	021000-0047	110138
3916854	112267	96303556	113350	181991	113477	021000-0064	110138
3918376	113452	96314258	114114	1826120	114069	021000-0081	110137
3918377	111760	96325258	111849	1826121	114073	021000-0124	110137
3918378	111760	96380673	114114	1843852	114073	021000-0132	110138
3918558	112993	96404263	111847	1876369	114073	021000-0133	110138
3920328	113429	96430344	111123	1927312	114314	021000-0134	110138
3920329	112544	96430345	111848	1956090	114073	021000-0140	110248
3920403	113725	96450663	111848	1956090	115511	021000-0140	110248
3920615	111232	96467385	111849	1956092	114069	021000-0160	110137
3920616	111232	96469960	111123	289183	112055	021000-0180	110138
3920617	112160	96497700	111849	365211	110981	021000-0183	110138
3920618	112160	96497702	113860	369847	114745	021000-0184	110138
3920643	113725	96518124	114114	371963	111146	021000-0186	110138
3920644	114340	96518887	111849	636247	111146	021000-0187	110138
3920678	112170	96540541	114350	666754	112343	021000-0240	110138
3920679	111888	96540542	114412	AELB426	111399	021000-0247	110138
3921012	113429	96550782	111684			021000-0249	110137
3921682	113114	96566261	114114	<b>DAIHATSU</b>		021000-0250	110137
3923550	110801	96566262	111847	27020-13010-000	110138	021000-0296	110137
3923624	112493	96567255	114114	27020-22011-000	110137	021000-0318	110138
3926932	111760	96569440	111849	27020-24061-000	110138	021000-0327	110138
3926960	113725	96618789	111849	27020-24062-000	110138	021000-0340	110138
3934119	114282	96627029	115380	27020-26021-000	110138	021000-0350	110138
3935070	112267	96652100	115366	27020-31051-000	110137	021000-0351	110137
3935530	112160	96943428	111849	27020-72030-000	110248	021000-0360	110138
3957592	114340	A124041	115690	27020-87102-000	110137	021000-0361	110138
3957593	114282			27020-87103-000	110137	021000-0362	110138
3964428	113725	<b>DAF</b>		27020-87209-000	110137	021000-0363	110138
3965282	114326	0365211	110981	27020-87216-000	110258	021000-0364	110138
3971614	115352	1201327	111399	27060-87112-000	111437	021000-0369	110138
3972730	115680	1244090	112343	27060-87201-000	111048	021000-0370	110138
3972732	114536	1254010	112343	27060-87202-000	111048	021000-0371	110138
3972734	114536	1274480	110895	27060-87211-000	111951	021000-0372	110138
3975137	112372	1284775	112581	27060-87212-000	111951	021000-0426	110138
4063829	114396	1287890	112055	27060-87402	114708	021000-0441	110248
4081235	110347			27060-87402-000	114708	021000-0457	110137

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
021000-0460	110138	021000-3520	110258	021000-7930	110138	028000-2263	110396
021000-0461	110138	021000-3541	110138	021000-7931	110138	028000-2264	110444
021000-0462	110138	021000-3600	110138	021000-7932	110138	028000-2265	110444
021000-0470	110138	021000-3610	110138	021000-7940	110138	028000-2330	110396
021000-0472	110138	021000-3620	110138	021000-7970	110138	028000-2560	110260
021000-0501	110138	021000-3628	110138	021000-7971	110138	028000-2570	110152
021000-0503	110137	021000-3630	110138	021000-8010	110138	028000-2571	110152
021000-0505	110138	021000-3640	110138	021000-8011	110138	028000-2572	110152
021000-0506	110138	021000-3641	110138	021000-8020	110138	028000-2660	110152
021000-0507	110138	021000-3660	110138	021000-8021	110138	028000-2661	110152
021000-0508	110138	021000-3661	110138	021000-8030	110138	028000-2662	110152
021000-0511	110138	021000-3670	110138	021000-8120	110137	028000-2664	110152
021000-0513	110138	021000-3671	110138	021000-8130	110258	028000-2665	110152
021000-0516	110138	021000-3690	110138	021000-8140	110258	028000-2670	110152
021000-0518	110138	021000-3691	110138	021000-8160	110258	028000-2680	110152
021000-0529	110138	021000-3700	110138	021000-8270	110248	028000-2681	110152
021000-0549	110137	021000-3710	110138	021000-8271	110248	028000-2682	110152
021000-0590	110138	021000-3720	110138	021000-8310	110248	028000-2692	110421
021000-0591	110138	021000-3721	110138	021000-8311	110248	028000-3000	110152
021000-0640	110138	021000-3730	110138	021000-8420	111796	028000-3001	110152
021000-0642	110138	021000-3731	110138	021000-8620	110258	028000-3004	110152
021000-0810	110138	021000-3760	110138	021000-8640	110258	028000-3005	110152
021000-0811	110138	021000-3780	110138	021000-8680	110137	028000-3006	110152
021000-0812	110138	021000-3790	110138	021000-9510	110374	028000-3090	110396
021000-0813	110138	021000-4271	110563	021000-9560	110137	028000-3091	110396
021000-0814	110138	021000-4510	110563	021000-9561	110137	028000-3100	110396
021000-1080	110138	021000-4550	110258	021000-9850	111613	028000-3101	110396
021000-1081	110138	021000-4570	110137	021000-9851	111613	028000-3290	111224
021000-1082	110138	021000-4590	110137	021000-9930	111613	028000-3291	111224
021000-1083	110138	021000-5010	110138	021000-9931	111613	028000-3292	111224
021000-1084	110138	021000-5011	110138	021000-9980	111484	028000-3295	111224
021000-1240	110137	021000-5020	110138	02131-9130	114827	028000-3360	110245
021000-1241	110137	021000-5030	110138	02131-9131	114827	028000-3361	110245
021000-1242	110137	021000-5031	110138	02131-9132	114827	028000-3500	110421
021000-1320	110138	021000-5040	110138	02131-9212	114287	028000-3501	110421
021000-1321	110138	021000-5046	110138	02131-9221	114662	028000-3600	110396
021000-1322	110138	021000-5050	110138	02131-9261	115409	028000-3601	110396
021000-1330	110138	021000-5051	110138	02131-9262	115409	028000-3602	110396
021000-1331	110138	021000-5060	110138	028000-0197	110154	028000-3603	110396
021000-1332	110138	021000-5061	110138	028000-0370	110152	028000-3604	110396
021000-1340	110138	021000-5070	110138	028000-0510	110260	028000-3650	114309
021000-1341	110138	021000-5080	110138	028000-0960	110941	028000-3700	110152
021000-1342	110138	021000-5110	110138	028000-1010	110154	028000-3701	110152
021000-1343	110138	021000-5111	110138	028000-1011	110154	028000-3710	110152
021000-1360	110138	021000-5130	110138	028000-1012	110154	028000-3711	110152
021000-1361	110138	021000-5131	110138	028000-1013	110154	028000-3730	110402
021000-1362	110138	021000-5141	110138	028000-1016	110154	028000-3770	110154
021000-1363	110138	021000-5150	110138	028000-1080	110154	028000-3800	110421
021000-1370	110138	021000-5151	110138	028000-1081	110154	028000-3801	110421
021000-1371	110138	021000-5160	110138	028000-1082	110154	028000-3830	110421
021000-1372	110138	021000-5180	110138	028000-1083	110154	028000-3950	110152
021000-1601	110137	021000-5190	110248	028000-1621	110396	028000-3960	110152
021000-1602	110137	021000-5240	110138	028000-1623	110396	028000-4000	110411
021000-1603	110137	021000-5280	110138	028000-1730	110152	028000-4001	110411
021000-1608	110137	021000-5290	110138	028000-1731	110152	028000-4020	110411
021000-1800	110138	021000-5410	110138	028000-1740	110152	028000-4021	110411
021000-1830	110138	021000-5411	110138	028000-1741	110152	028000-4022	110411
021000-1840	110138	021000-5490	110137	028000-1850	110421	028000-4023	110411
021000-1860	110138	021000-5600	110137	028000-1851	110421	028000-4024	110411
021000-1861	110138	021000-5670	110258	028000-1940	110396	028000-4200	110720
021000-1862	110138	021000-5900	110138	028000-1941	110396	028000-4201	110720
021000-1863	110138	021000-5910	110138	028000-1970	110154	028000-4270	110152
021000-1870	110138	021000-5950	110138	028000-1971	110154	028000-4271	110152
021000-1871	110138	021000-5960	110138	028000-1972	110154	028000-4330	110152
021000-1970	110138	021000-6110	110138	028000-1973	110154	028000-4331	110152
021000-2490	110137	021000-6370	110258	028000-1974	110154	028000-4332	110152
021000-2500	110137	021000-6510	110138	028000-1975	110154	028000-4340	110396
021000-2640	110138	021000-6840	110258	028000-1976	110154	028000-4341	110396
021000-2642	110138	021000-6850	110137	028000-2000	110152	028000-4342	110396
021000-2840	110258	021000-6851	110137	028000-2001	110152	028000-4343	110396
021000-2960	110137	021000-6860	110137	028000-2150	110421	028000-4440	110152
021000-2990	110137	021000-6861	110137	028000-2151	110421	028000-4490	110152
021000-2991	110137	021000-6900	110258	028000-2240	110421	028000-4491	110152
021000-3030	110138	021000-6980	111042	028000-2241	110421	028000-4510	110411
021000-3040	110137	021000-7250	110258	028000-2250	110396	028000-4511	110411
021000-3061	110137	021000-7260	110138	028000-2251	110396	028000-4512	110411
021000-3180	110138	021000-7410	110445	028000-2260	110444	028000-4520	111021
021000-3500	110138	021000-7420	110445	028000-2261	110396	028000-4530	110396
021000-3501	110138	021000-7920	110138	028000-2262	110396	028000-4532	110396

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>DENSO</b> <i>Continued</i>							
028000-4730	110940	028000-6541	111451	028000-7801	114711	100210-2750	114288
028000-4750	110152	028000-6550	111451	028000-7802	114711	100210-2860	111613
028000-4810	110154	028000-6551	111451	028000-7803	114711	100210-2861	111613
028000-4811	110154	028000-6560	113428	028000-7810	110581	100210-2980	111596
028000-4812	110154	028000-6561	113428	028000-7811	110581	100210-2990	111613
028000-4990	110720	028000-6800	110152	028000-7830	110938	100210-2991	111613
028000-4991	110720	028000-6801	110152	028000-8070	110708	100210-3080	114288
028000-5040	111224	028000-6802	110152	028000-8071	110708	100210-3270	111483
028000-5200	110831	028000-6803	110152	028000-8072	110708	100210-3350	111483
028000-5201	110831	028000-6810	110152	028000-8230	110626	100210-3360	111483
028000-5210	110831	028000-6811	110152	028000-8320	110447	100210-3400	111483
028000-5290	110421	028000-6812	110152	028000-8321	110447	100210-3460	111483
028000-5300	110507	028000-6813	110152	028000-8322	110447	100210-3580	111483
028000-5301	110507	028000-6820	110154	028000-8400	110942	100210-3660	112054
028000-5400	110336	028000-6821	110154	028000-8401	110942	100210-3680	111483
028000-5401	110336	028000-6822	110154	028000-8402	110942	100210-3760	112054
028000-5407	110336	028000-6823	110154	028000-8403	110942	100210-3770	111483
028000-5410	110336	028000-6860	110708	028000-8404	110942	100210-3810	111483
028000-5490	113428	028000-6861	110708	028000-8410	112246	100210-3820	111483
028000-5570	114336	028000-6870	110708	028000-8411	112246	100210-3821	111483
028000-5571	114336	028000-6871	110708	028000-8430	110245	100210-3840	112054
028000-5580	110708	028000-6872	110708	028000-8431	110245	100210-4510	114828
028000-5581	110708	028000-6880	110708	028000-8432	110245	100210-4520	114828
028000-5582	110708	028000-6881	110708	028000-8434	110245	100210-4620	114372
028000-5730	110485	028000-6882	110708	028000-8570	111451	100211-0010	111796
028000-5740	110421	028000-6890	110708	028000-8571	111451	100211-0014	111796
028000-5820	110411	028000-6891	110708	028000-8720	114103	100211-0070	110445
028000-5821	110411	028000-6892	110708	028000-8721	114103	100211-0071	110445
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028000-5863	110490	028000-6920	111224	028000-8890	110421	100211-0281	110445
028000-5864	110490	028000-6921	111224	028000-9010	110154	100211-0290	110445
028000-5880	110627	028000-7000	111683	028000-9020	110152	100211-0291	110445
028000-5881	110627	028000-7001	111683	028000-9030	111197	100211-0292	110445
028000-5882	110627	028000-7002	111683	028000-9031	111197	100211-0790	110445
028000-5883	110627	028000-7003	111683	028000-9032	111197	100211-0860	110801
028000-5884	110627	028000-7004	111683	028000-9090	110402	100211-0890	112261
028000-5890	110581	028000-7240	110581	028000-9091	110402	100211-1000	111705
028000-5891	110581	028000-7241	110581	028000-9140	114337	100211-1001	111705
028000-5900	110260	028000-7242	110581	028000-9141	114337	100211-1008	111705
028000-5901	110260	028000-7307	111387	028000-9142	114337	100211-1010	111705
028000-5960	114309	028000-7370	111387	028000-9220	111385	100211-1011	111705
028000-5961	114309	028000-7371	111387	028000-9221	111385	100211-1030	111428
028000-5992	110411	028000-7372	111387	028000-9260	110397	100211-1031	111428
028000-6010	110490	028000-7373	111387	028000-9261	110397	100211-1040	110496
028000-6011	110490	028000-7430	113429	028000-9270	110411	100211-1041	110496
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028000-6201	110580	028000-7530	110152	028000-9801	111451	100211-1261	110927
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028000-6510	110402	028000-7791	111683	100210-2600	114288	100211-1440	110628
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
100211-1550	110965	100211-3200	111428	100211-4701	110620	100211-7781	111435
100211-1551	110965	100211-326	110675	100211-4710	114679	100211-7810	111609
100211-1560	110628	100211-3260	110675	100211-4730	113856	100211-7811	111609
100211-1561	110628	100211-3261	110675	100211-4731	113856	100211-7820	111538
100211-1570	110967	100211-3310	111609	100211-4732	113856	100211-7850	111782
100211-1571	110967	100211-3311	111609	100211-4733	113856	100211-7910	111435
100211-1573	110967	100211-3320	111480	100211-4740	113921	100211-7911	111435
100211-1600	110628	100211-3321	111480	100211-4770	113921	100211-7930	111480
100211-1601	110628	100211-3350	110682	100211-4771	113921	100211-8030	110682
100211-1610	111048	100211-3351	110682	100211-5020	111579	100211-8031	110682
100211-1611	111048	100211-3352	110682	100211-5021	111579	100211-8040	111795
100211-1630	111048	100211-3370	111437	100211-5090	111605	100211-8050	111705
100211-1632	111048	100211-3400	110496	100211-5250	111601	100211-8051	111705
100211-1640	111048	100211-3401	110496	100211-5251	111601	100211-8060	111538
100211-1650	111048	100211-3500	110496	100211-5252	111601	100211-8070	111428
100211-1660	110620	100211-3501	110628	100211-5730	111437	100211-8090	111705
100211-1661	110620	100211-3530	110496	100211-5800	110445	100211-8120	111705
100211-1662	110620	100211-3531	110496	100211-6030	111215	100211-8121	111705
100211-1670	113921	100211-355	113077	100211-6031	111215	100211-8130	111705
100211-1680	111048	100211-3550	113077	100211-6050	111215	100211-8230	111435
100211-1910	114361	100211-3551	113077	100211-6051	111215	100211-8330	111435
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100211-2001	111428	100211-3590	111578	100211-6110	112102	100211-8340	111435
100211-2020	111705	100211-3591	111578	100211-6240	116029	100211-8370	112746
100211-2021	111705	100211-3600	111578	100211-6250	116029	100211-8371	112746
100211-2022	111705	100211-3610	110496	100211-6260	116029	100211-8380	111538
100211-203	113077	100211-3611	110496	100211-6270	110965	100211-8381	111538
100211-2030	113077	100211-3660	111578	100211-6350	113085	100211-8410	111781
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100211-2051	110675	100211-3760	110496	100211-6440	113090	100211-8810	111435
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100211-2061	111428	100211-3800	111279	100211-6660	111437	100211-8991	111579
100211-2080	111428	100211-3810	111279	100211-6710	110967	100211-9310	111610
100211-2100	110675	100211-3870	111578	100211-672	110967	100211-9400	110496
100211-2102	110675	100211-3880	111578	100211-6720	110967	100211-9710	110496
100211-2110	111428	100211-3890	111578	100211-6721	110967	100211-9711	110496
100211-2120	110967	100211-3891	111578	100211-6730	111437	100211-9730	113076
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100211-2221	110679	100211-4000	110564	100211-6861	110628	100211-9760	111285
100211-2230	110679	100211-4001	110564	100211-6930	111018	100211-9770	111285
100211-2231	110679	100211-4002	110564	100211-6931	111018	100211-9780	111705
100211-2250	111428	100211-4003	110564	100211-6940	112252	100211-9800	111705
100211-2280	110496	100211-4004	110564	100211-6941	112252	100211-9801	111705
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100211-2360	110679	100211-4180	110374	100211-6990	111610	100213-0231	114203
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100211-2450	110675	100211-4201	110117	100211-7001	110682	100213-0290	114203
100211-2451	110675	100211-4210	110117	100211-7040	111705	100213-0291	114203
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100211-3060	111705	100211-4520	113921	100211-7160	111705	100213-1150	111605
100211-3061	111705	100211-4528	111048	100211-7210	113631	100213-1180	114203
100211-3090	110496	100211-4530	110620	100211-7340	111285	100213-1230	111605
100211-3091	110496	100211-4531	110620	100211-7440	111428	100213-1240	111605
100211-3100	111705	100211-4540	110629	100211-745	110675	100213-1250	111605
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100211-3104	111705	100211-4610	113921	100211-7451	110675	100213-1520	114203
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100211-3151	111705	100211-4650	113921	100211-7571	113077	100213-1900	111601
100211-316	113077	100211-4660	111048	100211-7600	111428	100213-1910	111601
100211-3160	113077	100211-4670	111048	100211-7640	111435	100213-1911	111601
100211-3161	113077	100211-4680	111048	100211-7670	111435	100213-1920	111960
100211-3170	110675	100211-4690	111048	100211-7770	111609	100213-1930	114369
100211-3171	110675	100211-4700	110620	100211-7780	111435	100213-2240	111963

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>DENSO</b> <i>Continued</i>							
100213-2241	111963	101210-1210	113721	101211-0851	111517	101211-5130	111598
100213-2250	111963	101210-1211	113721	101211-0950	114362	101211-5150	111518
100213-2270	114386	101210-1270	115852	101211-0951	114362	101211-5151	111518
100213-2272	114386	101210-1271	115852	101211-0952	114362	101211-5170	111598
100213-2280	111960	101210-1380	114706	101211-0970	112063	101211-5210	111435
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100213-2352	111963	101210-1391	115346	101211-1030	114085	101211-5240	111579
100213-2391	114300	101210-1400	114090	101211-1040	111048	101211-5260	112356
100213-2400	111963	101210-1410	114099	101211-1100	114205	101211-5261	112356
100213-2440	111960	101210-1430	114493	101211-1170	113742	101211-5300	112669
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100213-2460	111960	101210-1510	113943	101211-1181	111048	101211-5450	113089
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100213-2471	111963	101210-1670	115457	101211-1230	111048	101211-5540	111468
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100213-2500	111963	101210-1840	115457	101211-1242	114679	101211-5571	112557
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100213-2530	114300	101211-0033	111609	101211-1360	113921	101211-5720	111537
100213-2560	114371	101211-0050	111518	101211-1361	113921	101211-5780	112063
100213-2580	111963	101211-0051	111518	101211-1380	113742	101211-5970	111518
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100213-2750	114386	101211-0062	111579	101211-2120	110967	101211-7230	113433
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100213-2991	114201	101211-0172	111517	101211-2590	115320	101211-7633	115748
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101210-0162	114284	101211-0250	111285	101211-2770	114043	101211-7872	115415
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101210-0891	114709	101211-0340	111518	101211-2850	114251	101211-7920	114364
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101210-0912	114455	101211-0380	111517	101211-2950	114518	101211-8140	114813
101210-0940	114249	101211-0381	111517	101211-2951	114518	101211-8270	114683
101210-0950	114895	101211-0430	111518	101211-3030	111678	101211-8271	114683
101210-0951	114895	101211-0431	111518	101211-3200	111610	101211-8272	114683
101210-0960	114409	101211-0432	111518	101211-3370	111437	101211-8340	115385
101210-0961	114409	101211-0480	112063	101211-3410	114263	101211-8341	115385
101210-0970	114754	101211-0481	112063	101211-3450	114708	101211-8360	115793
101210-0971	114754	101211-0510	111517	101211-3451	114708	101211-8390	115792
101210-0990	113996	101211-0520	112357	101211-3560	115724	101211-8400	115794
101210-1080	114806	101211-0521	112357	101211-3561	115724	101211-8401	115794
101210-1080	115874	101211-0522	112357	101211-3580	114725	101211-8580	113989
101210-1081	114806	101211-053	113091	101211-3720	114411	101211-8620	115321
101210-1081	115874	101211-0530	113091	101211-3721	114411	101211-8680	115319
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101210-1110	116064	101211-0542	112358	101211-3780	114751	101211-8771	112721
101210-1111	113720	101211-0543	112358	101211-3781	114751	101211-9000	112557
101210-1111	116064	101211-0550	111779	101211-3860	113989	101211-9010	114188
101210-1120	113722	101211-0551	111779	101211-4130	114362	101211-9020	114188
101210-1120	115963	101211-0560	112531	101211-4131	114362	101211-9050	111468
101210-1121	113722	101211-0570	112063	101211-4132	114362	101211-9160	113089
101210-1121	115963	101211-0571	112063	101211-4160	111517	101211-9180	111950
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101210-1180	113720	101211-0582	111537	101211-4370	112358	101211-9360	112363
101210-1180	116064	101211-0690	114256	101211-4420	111517	101211-9410	113089
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101210-1181	116064	101211-0721	111779	101211-5010	111468	101211-9510	111468
101210-1190	113722	101211-0722	111779	101211-5012	111468	101211-9520	112363
101210-1190	115963	101211-0723	111779	101211-5020	111579	101211-9580	111468
101210-1191	113722	101211-0740	111518	101211-5080	111579	101211-9590	114362
101210-1191	115963	101211-0741	111518	101211-5100	111507	101211-9670	111468
101210-1200	114451	101211-0830	113076	101211-5110	111965	101211-9820	115865
101210-1201	114451	101211-0850	111517	101211-5120	111507	101211-9821	115865



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
101211-9880	115865	102211-5051	112357	102211-8431	113718	104210-3240	113755
101211-9920	114241	102211-5052	112357	102211-8440	113718	104210-3241	113755
101211-9921	114241	102211-5070	111779	102211-8441	113718	104210-3250	114115
101211-9931	114242	102211-5090	111518	102211-8450	113535	104210-3251	114115
101211-9940	113715	102211-5091	111518	102211-8451	113535	104210-3252	114115
10211-7000	110682	102211-5110	112360	102211-8460	115615	104210-3290	114272
102211-0500	112072	102211-5111	112360	102211-8461	115615	104210-3291	114272
102211-0610	114434	102211-5150	111779	102211-8470	113535	104210-3292	114272
102211-0670	114227	102211-5151	111779	102211-8471	113535	104210-3293	114272
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## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>DENSO</b> <i>Continued</i>							
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121000-1770	111596	128000-0212	113725	128000-1440	110709	128000-4083	110961
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128000-5681	111455	128000-7604	114047	128000-9700	113402	228000-0901	111984
128000-5682	111455	128000-7680	111785	128000-9701	113402	228000-0902	111984
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128000-5950	111544	128000-7990	111544	228000-0070	110999	228000-1040	110940
128000-5951	111544	128000-7991	111544	228000-0110	110485	228000-1041	110940

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>DENSO</b> <i>Continued</i>							
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228000-1070	110940	228000-2682	112336	228000-4640	111310	228000-5861	113172
228000-1071	110940	228000-2690	112336	228000-4641	111310	228000-5862	113172
228000-1080	110720	228000-2890	113108	228000-4670	113725	228000-5910	113211
228000-1081	110720	228000-2893	113108	228000-4671	113725	228000-5911	113211
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228000-1350	110941	228000-3060	113108	228000-4831	113702	228000-6110	113242
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228000-2500	111550	228000-4573	111197	228000-5750	112291	228000-6981	113725
228000-2550	111839	228000-4590	111197	228000-5790	113459	228000-7090	114485

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
228000-7091	114485	228000-8890	114429	428000-0570	115643	428000-3470	115524
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228000-7131	111552	228000-8972	112336	428000-0680	114056	428000-3490	116078
228000-7150	110447	228000-9030	112336	428000-0690	114817	428000-3570	114718
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228000-7901	114282	421000-0084	114011	428000-2311	113757	428000-6181	115613
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228000-8711	114071	428000-0500	114071	428000-3410	114389	428000-7935	115733
228000-8800	114440	428000-0520	113239	428000-3460	115598	428000-7936	115733

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>DENSO</b> <i>Continued</i>							
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428000-8630	115524	DAN1102	115632	DAN649	115742	DCN05101	260007
428000-8850	115560	DAN1114	112356	DAN650	113967	DCN05102	260354
428000-8851	115560	DAN1118	113849	DAN651	114714	DCN06003	261186
428000-8852	115560	DAN1119	113922	DAN652	114302	DCN06006	261178
428000-8853	115560	DAN1124	112142	DAN653	113763	DCN06007	261117
428000-9140	115607	DAN1139	113922	DAN654	113763	DCN06008	260409
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438000-0230	115336	DAN1341	111990	DAN930	113849	DCN07008	260059
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DAN008	112021	DAN1365	114494	DAN939	114227	DCN07050	260374
DAN009	115742	DAN501	113943	DAN941	114010	DCN07060	261024
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DAN1001	115852	DAN507	112143	DAN948	114361	DCN09046	261171
DAN1002	113722	DAN509	113904	DAN949	114361	DCN09049	260365
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DAN1003	113721	DAN510	114801	DAN951	114186	DCN09070	260029
DAN1004	115647	DAN511	111411	DAN952	114273	DCN09071	260875
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DAN1007	114215	DAN515	113246	DAN955	111468	DCN09102	260030
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DAN1011	114694	DAN521	112384	DAN964	114041	DCN09130	260024
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DAN1015	114900	DAN574	111621	DAN968	111048	DCN10017	260387
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DAN1018	115657	DAN583	114895	DAN974	113306	DCN11007	260408
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DAN1021	114709	DAN585	114754	DAN977	115929	DCN12004	261002
DAN1022	114490	DAN587	111795	DAN981	113970	DCN12005	261156
DAN1023	114065	DAN588	115762	DAN983	114272	DCN12006	261103
DAN1024	114897	DAN590	112142	DAN984	114208	DCN12100	260991
DAN1025	114897	DAN591	113718	DAN985	114208	DCN13110	260344
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DAN1032	113720	DAN603	112097	DAN989	113990	DCN17011	260414
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DAN1033	114451	DAN605	111036	DAN993	114806	DCN17013	260413
DAN1034	115308	DAN606	112719	DAN993	115874	DCN17014	260420
DAN1035	114090	DAN607	111686	DAN994	114493	DCN17016	260419
DAN1036	114099	DAN608	111686	DAN996	113722	DCN17018	260034
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DAN1039	113535	DAN609	115873	DAN997	115346	DCN17020	260424
DAN1045	114490	DAN610	111418	DAN998	114462	DCN17021	260417
DAN1046	114024	DAN610	115873	DAN999	114706	DCN17023	260421
DAN1047	111579	DAN611	111620	DC50018	260727	DCN17026	260422
DAN1049	110628	DAN613	111620	DCN01003	260341	DCN17030	260427
DAN1055	114249	DAN615	111620	DCN01004	260363	DCN17050	260428
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DAN1059	114810	DAN618	111687	DCN01016	260340	DCN20006	260021
DAN1060	113755	DAN621	111568	DCN02005	260066	DCN20009	260452
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DAN1062	113996	DAN627	111802	DCN02015	260507	DCN20030	260456
DAN1063	113404	DAN629	115476	DCN02017	260498	DCN21001	260370
DAN1067	114411	DAN630	113537	DCN02023	261184	DCN21002	260055
DAN1070	113969	DAN632	111409	DCN05003	260020	DCN21004	260699
DAN1071	115546	DAN634	113939	DCN05004	260019	DCN21005	260368
DAN1076	113972	DAN636	113536	DCN05005	260359	DCN21010	260377
DAN1077	114290	DAN640	113338	DCN05006	260358	DCN21015	260052
DAN1078	115457	DAN641	113336	DCN05008	260880	DCN21025	260057
DAN1085	114706	DAN642	113943	DCN05009	260017	DCN21027	260896
DAN1086	115667	DAN643	113987	DCN05010	260890	DCN21030	261167
DAN1091	115742	DAN647	112384	DCN05011	260356	DCN23006	260035

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DCN23007	260038	DCP02012	240897	DCP05095	241145	DCP23030	241027
DCN23008	260036	DCP02013	240654	DCP06005	240381	DCP23031	241044
DCN23009	260442	DCP02013	240739	DCP06006	240381	DCP23032	241048
DCN23011	260461	DCP02013	241508	DCP06020	241196	DCP24002	240852
DCN23012	260041	DCP02014	240864	DCP06021	240891	DCP24004	240852
DCN23013	260037	DCP02014	241509	DCP09003	240709	DCP24005	240127
DCN23015	260039	DCP02021	240374	DCP09003	241171	DCP24005	240853
DCN23017	260433	DCP02023	240854	DCP09004	240774	DCP25001	240787
DCN23018	260042	DCP02023	241470	DCP09007	240766	DCP27001	240738
DCN23021	260462	DCP02025	240854	DCP09008	240773	DCP27001	241469
DCN23022	260460	DCP02025	241470	DCP09009	240769	DCP27002	240738
DCN23024	260434	DCP02026	240654	DCP09016	240946	DCP27002	241469
DCN23034	261093	DCP02026	241508	DCP09019	240982	DCP28008	240374
DCN24001	260392	DCP02027	241128	DCP09020	241211	DCP32001	240375
DCN25001	260471	DCP02028	241204	DCP11001	240715	DCP32001	241517
DCN27003	260502	DCP02028	241685	DCP11002	240714	DCP32002	241204
DCN27004	260062	DCP02030	240023	DCP12004	241137	DCP32002	241685
DCN32003	260700	DCP02030	240975	DCP12005	240848	DCP32003	241204
DCN32015	260382	DCP02030	241529	DCP12009	240848	DCP32003	241685
DCN32018	260049	DCP02031	240975	DCP13001	240681	DCP32004	240738
DCN32026	260747	DCP02031	241529	DCP13005	241000	DCP32004	241469
DCN32030	260047	DCP02032	240653	DCP14006	240985	DCP32005	240738
DCN32060	260509	DCP02032	240864	DCP14014	240955	DCP32005	241469
DCN32062	260500	DCP02032	241509	DCP17001	240144	DCP32006	240889
DCN33006	260902	DCP02034	241019	DCP17003	240829	DCP32006	241514
DCN33007	260488	DCP02036	241023	DCP17008	240755	DCP32020	240738
DCN37001	260432	DCP02037	240864	DCP17010	240197	DCP32020	241469
DCN37003	261073	DCP02037	241509	DCP17011	240197	DCP32022	240956
DCN40003	261043	DCP02038	240864	DCP17014	240115	DCP32045	241204
DCN40007	260391	DCP02038	241509	DCP17023	240127	DCP32045	241685
DCN41001	260721	DCP02040	240957	DCP17023	241468	DCP32069	241190
DCN41004	261145	DCP02040	241472	DCP17024	240127	DCP45009	240970
DCN44006	260412	DCP02041	240854	DCP17024	241468	DCP50001	240363
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DCN46001	261052	DCP02041	240864	DCP17026	240830	DCP50010	240951
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DCN46005	260448	DCP02041	241509	DCP17034	240846	DCP50030	240918
DCN47005	260451	DCP02042	240957	DCP17035	241073	DCP50032	240943
DCN47010	260707	DCP02042	241472	DCP17036	241072	DCP50033	240909
DCN50001	260485	DCP02044	240864	DCP17038	240851	DCP50041	240990
DCN50004	260474	DCP02045	240854	DCP17039	240657	DCP50050	240152
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DCN50012	260480	DCP02050	240975	DCP17050	240370	DCP50121	240885
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DCN50022	260476	DCP0232	240653	DCP17053	241284	DCP50124	240885
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DCN50025	260710	DCP05002	241170	DCP17059	240657	DCP50241	240882
DCN50026	260697	DCP05004	240199	DCP17062	240953	DCP50242	240948
DCN50030	260483	DCP05004	241170	DCP17063	240830	DCP50245	240948
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DCN50037	261038	DCP05009	240199	DCP17064	241284	DCP51000	240907
DCN50040	260373	DCP05009	241170	DCP17066	240846	DCP99002	240165
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DCN51006	261176	DCP05010	241170	DCP17070	240861	DCP99004	240984
DCN51007	261131	DCP05013	240129	DCP17071	240855	DCP99504	240552
DCN51009	261154	DCP05014	240129	DCP17071	241510	DCP99505	240553
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DCP02004	240374	DCP05017	240760	DCP17075	241284	DEV09011	260604
DCP02004	240863	DCP05017	240760	DCP17084	241079	DFD02004	260128
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DCP02006	241517	DCP05020	240844	DCP17122	241164	DFD02013	260297
DCP02007	240738	DCP05021	241154	DCP17K37	240127	DFD05005	260181
DCP02007	241469	DCP05026	240869	DCP20003	240649	DFD05007	260113
DCP02008	240739	DCP05032	240843	DCP20004	240373	DFD05012	260275
DCP02009	241384	DCP05039	240129	DCP20005	240649	DFD05022	260112
DCP02010	240654	DCP05041	240869	DCP20021	240870	DFD05024	260127
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DCP02011	240654	DCP05061	241040	DCP20022	240982	DFD06003	260284
DCP02011	241508	DCP05082	241154	DCP21010	240895	DFD07003	260836

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>DENSO</b> <i>Continued</i>							
DFD07007	260286	DSN1221	110154	DVE17014	260541	246-30214	112544
DFD07008	260273	DSN1229	113938	DVE17100	260524	260-67204	112670
DFD07011	260844	DSN1370	114817	DVE20002	260211	260-69105	111755
DFD07012	260131	DSN1375	114740	DVE20003	260552	A-1101	110591
DFD07015	260778	DSN1389	115637	DVE20005	260515	A-1117	110801
DFD08003	260143	DSN1390	114389	DVE20007	260196	A-1118	112989
DFD09000	260250	DSN1391	114389	DVE20010	260185	A-1250	111713
DFD09003	260924	DSN1398	115598	DVE21001	260222	A-129	111261
DFD09005	260117	DSN576	113962	DVE23003	260557	A-1327	110984
DFD09006	260118	DSN577	112124	DVE23004	260205	A-1342	112996
DFD09010	260304	DSN579	111685	DVE23007	260929	A-1350	113432
DFD10001	260791	DSN581	112379	DVE23009	260556	A-1358	112993
DFD10004	260800	DSN583	112380	DVE23012	260825	A-1359	112995
DFD14002	260308	DSN583	115951	DVE25001	260815	A-1360	113432
DFD14004	260315	DSN585	111585	DVE26001	260225	A-1418	112911
DFD17001	260156	DSN600	113662	DVE32002	260516	A-1450	112824
DFD17011	260299	DSN602	113601	DVE32007	260519	A-1494	112834
DFD17013	260321	DSN603	115950	DVE32010	260520	A-1619	113579
DFD17017	260170	DSN604	113928	DVE46001	260535	A-1620	113579
DFD17018	260120	DSN923	111550	DVE46002	260551	A-1621	113579
DFD17020	260787	DSN928	111874	DVE50002	260213	A-1645	113777
DFD17021	260268	DSN929	112367	DVE99009	260934	A-1664	113692
DFD17023	260271	DSN931	114889	DVF23001	260818	A-1665	113685
DFD17025	260157	DSN934	113314	Q14RU11	150592	A-1672	113694
DFD17036	260775	DSN936	114239	W17	150596	A-1673	113691
DFD20001	260107	DSN940	112823	W20M-U	150602	A-173	110300
DFD20002	260108	DSN940	115872	W20S-U	150596	A-219	113765
DFD20003	260947	DSN942	115328	<b>DEUTZ-FAHR</b>			
DFD20008	260168	DSN944	115642	01174637	114438	A-221	112914
DFD20008	260252	DSN945	115723	01181096	113895	A-273	112944
DFD20009	260252	DSN947	114886	01182038	113768	A-471	112025
DFD20015	260111	DSN948	114661	01182173	112046	A-495	113763
DFD20016	260109	DSN949	115613	01182434	112183	A-6255	112773
DFD21002	260260	DSN950	112006	01183209	114323	A-6330	113543
DFD21006	260256	DSN951	111459	01183209	115889	A-80007	113803
DFD21007	260130	DSN953	110574	04118821	115970	A-80026	113656
DFD21008	260274	DSN954	114763	04118822	115971	A-80040	113657
DFD21009	260285	DSN955	115341	2.9439.290.0	111686	A-80084	113715
DFD23004	260281	DSN956	114764	2.9439.480.0	111686	A-80086	113856
DFD23005	260179	DSN957	114308	2.9439.490.0	111686	A-8204	110659
DFD23006	260124	DSN959	114072	2.9439.490.0	111686	A-824	110133
DFD23007	260122	DSN960	114123	<b>DIVERSE</b>			
DFD23008	260776	DSN961	112382	160-60282	113589	A-8282	110629
DFD23009	260796	DSN962	115964	160-68223	113650	A-8311	110959
DFD23011	260253	DSN964	115645	GP9906	113743	A-8321	110802
DFD23012	260291	DSN965	116000	IM131	110601	A-8323	111710
DFD23017	260126	DSN967	114305	IM522	110512	A-8394	111309
DFD23019	260782	DSN967	114305	<b>DIXIE</b>			
DFD23022	260329	DSN968	114093	101-21103	113432	A-8396	110540
DFD23023	260144	DSN973	115725	101-21108	113432	A-8456	111285
DFD23034	260853	DSN975	115828	102-10101	113765	A-8499	112270
DFD24001	260177	DSN975	116024	146-37102	111215	A-8548	113433
DFD24006	260313	DSN977	114255	146-93103	113921	A-8560	111495
DFD25004	260279	DSN984	114216	146-93104	113921	A-8567	111381
DFD26002	260133	DSN988	115524	201-28126	113452	A-8662	113559
DFD26005	260322	DSN997	110312	201-28201	111760	A-8680	111787
DFD32006	260803	DSN999	114223	201-28205	113435	A-8710	112327
DFD32010	260785	DVE01001	260187	201-42102	110436	A-8711	113652
DFD33004	260323	DVE01001	260229	201-42115	110436	A-8763	110959
DFD33007	260114	DVE01002	260512	201-42119	112089	A-8764	110540
DFD33007	260918	DVE02003	260212	206-03101	110949	A-8843	113562
DFD33008	260141	DVE05005	260817	206-03-105	112826	A-8846	113634
DFD41002	260173	DVE05007	260210	206-03107	113591	A-8864	113793
DFD50001	260135	DVE05008	260521	206-03110	112568	A-8866	113418
DFD90006	260258	DVE05020	260522	206-04109	111701	A-9224	110959
DN5193	260449	DVE07002	260529	206-07101	110510	A-9225	110488
DN5194	260448	DVE07003	260928	206-07102	110635	A-9284	111139
DN5204	260447	DVE09002	260511	206-07103	110635	MS-1042	112232
DN5299	260444	DVE09004	260193	206-07105	113592	MS-6007	113853
DNA5281	260445	DVE09005	260514	206-07106	111700	MS-6029	113854
DSN1001	113757	DVE10001	260536	206-07109	111012	MS-611	110647
DSN1003	114037	DVE10004	260190	246-06102	113663	MS-612	110240
DSN1201	115733	DVE10004	260538	246-06114	113732	MS-632	110510
DSN1203	115735	DVE17003	260198	246-25107	113725	MS-636	110648
DSN1206	115607	DVE17010	260545	246-25111	110942	MS-637	110654
DSN1209	115468	DVE17011	260200	246-25118	113428	MS-639	110650
DSN1211	113757					MS-640	110650
DSN1211	113757					MS-646	111043
DSN1213	114886					MS-649	111700
DSN1215	110154					MS-651	110510
						MS-655	111701
						MS-662	112145





O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>EFEL</b> <i>Continued</i>							
10890	112097	36561	112487	R11B	110551	25-0063	110818
10910	110890	36576	111091	R11C	110522	25-0064	110462
11206	110209	36608	112487	R11F	110545	25-0064	112074
11360	110525	36609	112487	R11K	110536	25-007	110157
11370	110529	36676	111092	R11N	110545	25-0070	110462
11380	110521	36681	112487	R11W	110529	25-0070	110465
11420	110522	36703	112487	R20.17	110512	25-0072	112039
11430	110518	36799	112864	R20.24	110532	25-0073	110775
11520	110527	36806	112317	R20.28	110214	25-0076	110438
11580	110523	36807	112317	R20.42	110210	25-0079	110352
11640	110536	36808	112318	R20D1	110214	25-008	110566
11705	110912	36809	112318	R20W	110532	25-0080	110441
11750	110530	6000	110060	R20Z	110512	25-0081	111573
11830	110368	6030	110061	R22.05	110210	25-0083	110444
11930	110521	<b>ELMOT</b>		R22.06	111046	25-0089	112249
12070	110812	0050000	110210	R22.07	110213	25-0090	110537
12080	110517	0060000	111046	R22.10	110531	25-0097	110364
12590	110206	0070000	110213	R22.12	110531	25-0102	110793
12760	113465	0090000	110531	R22.13	110214	25-0102	111066
12800	110212	0100000	110531	R22.14	110212	25-0103	111112
12900	113466	0120000	110531	R22.16	110212	25-0103	111120
12950	110208	0130000	110214	R22.22	110205	25-0104	110245
12960	111004	0140000	110212	R22.38	111231	25-0105	110856
12990	110582	0160000	110212	R23.05	110210	25-0106	110367
13000	110368	0220000	110205	R23.06	110582	25-0106	110866
13090	110524	0380000	111231	R23.08	110206	25-0119	110421
13100	110525	274020.0	111621	R23.09	110533	25-0121	110152
13140	111640	283020.1	111148	R23.10	110207	25-0125	110409
13460	111035	3370000	110611	R23.11	110208	25-0125	110537
13470	112719	6050000	110210	R23.13	110601	25-0126	111054
13830	111686	6060000	110582	R23.16	110512	25-0127	111054
13850	111620	6080000	110206	R23.17	110512	25-0134	110363
13870	111418	6090000	110523	R23.18	110534	25-0138	110292
13870	115873	6100000	110207	R23.21	110535	25-0141	110439
14100	110536	6110000	110208	R23.23	110209	25-0142	110818
14650	110522	6130000	110601	R23.24	110932	25-0146	114265
14660	110814	6160000	110512	R23.25	110512	25-0148	111068
14860	111693	6180000	110534	R23.26	110212	25-0155	110536
14940	111418	6210000	110535	R23.27	111219	25-0157	110536
14940	115873	6220000	110531	R23.33	111218	25-0162	113482
14960	110923	6230000	110209	R23.34	110980	25-0173	111088
14965	111093	6240000	111219	R80.02	110365	25-0181	110144
14970	110913	6250000	110512	R80.04	111025	25-0188	110368
22201	110512	6260000	110212	R80C	111585	25-0189	110525
22602	110206	6270000	111219	R80C1	111585	25-0198	112660
22603	110533	6330000	111218	R80K	111025	25-0199	110858
22604	110207	8020020000	110365	R80Z	110338	25-0201	110615
22605	110208	803000.2	110352	<b>ELSTOCK</b>			
22606	110208	8100000	110365	24-0001	114044	25-0201	111737
22607	110210	A124-15	110350	24-0002	114045	25-0201	113534
22608	110582	A124-44S	110350	24-0003	114046	25-0203	113705
22609	110601	A124N	110611	25-0007	110155	25-0208	111752
22616	110512	A125-07	111086	25-0008	110450	25-0210	110551
22617	110534	A125-09	110348	25-0008	110551	25-0220	113467
22620	110535	A125-45C	111036	25-0013	111102	25-0221	111054
22621	110531	A125-45E	111687	25-0013	111103	25-0226	110529
22622	110932	A125-55G	111621	25-0013	111103	25-0226	110813
22624	110512	A125-55S	110348	25-0015	110459	25-0227	111755
22625	110512	A125-55T	111687	25-0016	110449	25-0227	111755
22626	110519	A125-55B	111148	25-0016	110450	25-0230	110396
22701	110210	A155-55D	111086	25-0018	110409	25-0232	111752
22702	111046	ALT2N-14	110968	25-0018	110537	25-0235	111112
22703	110213	E100L-1.5/12	110352	25-0018	111217	25-0243	112296
22704	110532	E80C	110365	25-0019	111102	25-0246	110216
22706	110531	R10.05	110520	25-0025	111100	25-0246	110218
22709	110205	R10.08	110523	25-0032	114730	25-0246	111277
22710	110214	R100.03	110352	25-0033	110142	25-0246	111786
22711	110212	R100.3	110352	25-0035	110332	25-0246	112897
22713	110212	R10TA	110520	25-0036	110142	25-025	111100
22715	111231	R11.01	110545	25-0037	110536	25-0250	110440
22718	112119	R11.02	110551	25-0040	110439	25-0257	111398
22801	110537	R11.03	110522	25-0041	110443	25-0262	110525
22802	111217	R11.06	110545	25-0041	110565	25-0264	110537
22804	110538	R11.07	110529	25-0041	110565	25-0264	111217
22806	110539	R11.10	110545	25-0041	111346	25-0270	111001
36368	110429	R11.12	110536	25-0046	110352	25-0270	112249
36392	110429	R11A	110545	25-0048	110365	25-0274	110812
				25-0048	111585	25-0275	111001
				25-0049	110338	25-0277	112007
				25-0060	110462	25-0280	110461

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
25-0280	112251	25-0453	115442	25-1085	110933	25-1232	110312
25-0282	110536	25-0455	110847	25-1087	110421	25-1232	111442
25-0285	111224	25-0457	111061	25-1088	110551	25-1234	113428
25-0287	110530	25-0458	110386	25-1089	110842	25-1238	111131
25-0287	111001	25-0458	110719	25-1094	111021	25-1239	112214
25-0298	110157	25-0461	110519	25-1097	110356	25-1240	111490
25-0298	110158	25-0462	111047	25-1099	111475	25-1240	112301
25-0298	110315	25-0465	110813	25-1103	110292	25-1242	110539
25-0298	110479	25-0466	110809	25-1106	111683	25-1246	111608
25-0301	110793	25-0466	111461	25-1107	110292	25-1250	110820
25-0314	111055	25-0466	111565	25-1109	112178	25-1252	111851
25-0315	110545	25-0472	110522	25-1113	112246	25-1253	110260
25-0318	111070	25-0476	110412	25-1114	110149	25-1254	110584
25-0319	110367	25-0480	110155	25-1114	110808	25-1254	111994
25-0319	110866	25-0480	110256	25-1115	110144	25-1255	113443
25-0321	110708	25-0480	111452	25-1117	110312	25-1261	110394
25-0321	113936	25-0482	111065	25-1117	111442	25-1263	110520
25-0323	111068	25-0482	112440	25-1118	111752	25-1263	111118
25-0324	111217	25-0483	110156	25-1119	110438	25-1264	113389
25-0328	110808	25-0484	110465	25-1129	111114	25-1265	110315
25-0334	110443	25-0486	110246	25-1131	111098	25-1265	110811
25-0337	111332	25-0487	113482	25-1132	112173	25-1266	115472
25-0339	110529	25-0489	111120	25-1137	110866	25-1268	110640
25-0339	110640	25-0489	112537	25-1146	111728	25-1268	113381
25-0339	110813	25-0492	110719	25-1147	113846	25-1269	111131
25-0340	110814	25-0493	112289	25-1148	111130	25-1269	111269
25-0343	113380	25-0497	110389	25-1150	110485	25-1270	110538
25-0352	113269	25-0498	110280	25-1150	113924	25-1275	111544
25-0355	110442	25-0498	110575	25-1151	110412	25-1276	111136
25-0355	110443	25-0499	111461	25-1151	111559	25-1277	114856
25-0356	113268	25-1003	110819	25-1151	111683	25-1278	111055
25-0362	113465	25-1006	111025	25-1152	112478	25-1278	111123
25-0370	111055	25-1007	110817	25-1155	111127	25-1278	111127
25-0371	111102	25-1008	110839	25-1157	110182	25-1281	111251
25-0373	111793	25-1010	110573	25-1158	110810	25-1283	111241
25-0376	110587	25-1011	113380	25-1160	110810	25-1284	111305
25-0383	111125	25-1012	110518	25-1163	112674	25-1289	111030
25-0385	113847	25-1013	111060	25-1164	110447	25-1293	110578
25-0395	110149	25-1015	110365	25-1165	110574	25-1295	112309
25-0396	110862	25-1022	114650	25-1165	111805	25-1303	110854
25-0401	110144	25-1023	112533	25-1166	110713	25-1305	112455
25-0401	110277	25-1024	113307	25-1166	111455	25-1307	112290
25-0402	110279	25-1025	110473	25-1167	111728	25-1308	111559
25-0403	110278	25-1026	110867	25-1170	110602	25-1311	112167
25-0403	110386	25-1026	112290	25-1171	111030	25-1312	112306
25-0404	110386	25-1028	110584	25-1173	110469	25-1314	111311
25-0405	110386	25-1029	112136	25-1176	110551	25-1315	110811
25-0406	110839	25-1030	111346	25-1177	110280	25-1319	112321
25-0406	110996	25-1034	111108	25-1178	111332	25-1322	111127
25-0407	111070	25-1039	111120	25-1179	114259	25-1324	111749
25-0408	111120	25-1041	112295	25-1183	111304	25-1329	111029
25-0409	111347	25-1044	110323	25-1184	111228	25-1334	111131
25-0411	111114	25-1045	110397	25-1184	112124	25-1335	111312
25-0411	112541	25-1048	113924	25-1190	111404	25-1337	111070
25-0413	111332	25-1049	110396	25-1191	111214	25-1338	111404
25-0416	111451	25-1050	111683	25-1192	111421	25-1339	111909
25-0418	111564	25-1051	111004	25-1193	111544	25-1339	112286
25-0419	110708	25-1052	111310	25-1198	111130	25-1341	111305
25-0423	110485	25-1053	111619	25-1198	113443	25-1342	110720
25-0423	113924	25-1055	110491	25-1201	110421	25-1343	110809
25-0425	110996	25-1056	110506	25-1201	111475	25-1343	111461
25-0430	110545	25-1057	111118	25-1202	110720	25-1345	111312
25-0430	114254	25-1058	110844	25-1204	111445	25-1349	111303
25-0432	111755	25-1059	112173	25-1205	110249	25-1351	111442
25-0433	110462	25-1061	110417	25-1205	110312	25-1355	111748
25-0434	110809	25-1062	110485	25-1205	111442	25-1355	111909
25-0436	1110809	25-1065	111115	25-1208	110260	25-1356	111984
25-0436	111461	25-1069	110368	25-1208	110411	25-1357	110842
25-0439	110157	25-1070	110519	25-1213	110336	25-1360	115540
25-0441	112089	25-1073	110439	25-1214	111131	25-1361	112052
25-0444	110386	25-1074	110574	25-1219	110590	25-1364	111131
25-0444	110719	25-1074	111805	25-1220	110847	25-1364	111750
25-0446	110389	25-1075	114318	25-1220	111122	25-1365	111694
25-0448	111694	25-1077	113134	25-1222	110807	25-1369	111525
25-0450	110280	25-1081	111706	25-1223	110472	25-1371	110590
25-0451	110793	25-1082	110865	25-1224	110947	25-1373	111023
25-0452	110867	25-1082	111010	25-1225	111015	25-1376	112215
25-0453	110585	25-1083	110720	25-1228	111548	25-1377	112166
25-0453	113481	25-1084	110245	25-1228	111874	25-1390	110568

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ELSTOCK</b> <i>Continued</i>							
25-1396	112214	25-2040	111885	25-2142	111307	25-2278	111764
25-1398	111552	25-2042	111349	25-2142	113040	25-2282	110842
25-1400	1110443	25-2045	112295	25-2143	112277	25-2283	112016
25-1405	111608	25-2048	111906	25-2144	112295	25-2284	112911
25-1406	111464	25-2049	112307	25-2147	111544	25-2286	110178
25-1408	113239	25-2049	113750	25-2148	111685	25-2287	113745
25-1410	110565	25-2050	111906	25-2149	111451	25-2288	112341
25-1416	110819	25-2051	112124	25-2150	112300	25-2289	111273
25-1418	113307	25-2052	113481	25-2153	112365	25-2290	111455
25-1420	111047	25-2055	111136	25-2154	111005	25-2293	110222
25-1421	111021	25-2056	111730	25-2157	111421	25-2295	110354
25-1425	111274	25-2057	110149	25-2158	111685	25-2296	110223
25-1427	111451	25-2057	110808	25-2159	110958	25-2298	111258
25-1432	111387	25-2058	111030	25-2162	113702	25-2299	112267
25-1432	112336	25-2063	112374	25-2164	113231	25-2305	111374
25-1433	110808	25-2064	111485	25-2166	113752	25-2306	111786
25-1433	111273	25-2065	110279	25-2167	113387	25-2311	113757
25-1434	112321	25-2066	111728	25-2176	111063	25-2312	112897
25-1435	112267	25-2067	111574	25-2177	110585	25-2313	110464
25-1436	110627	25-2068	111549	25-2180	115407	25-2314	111703
25-1441	111069	25-2069	111382	25-2183	112341	25-2316	111724
25-1443	110530	25-2070	111312	25-2185	111996	25-2318	112240
25-1444	110530	25-2071	111310	25-2187	112251	25-2320	110226
25-1448	111214	25-2072	111065	25-2189	111087	25-2320	110227
25-1458	111303	25-2072	112440	25-2190	111690	25-2321	111855
25-1459	111222	25-2075	112289	25-2191	111641	25-2322	113924
25-1460	111459	25-2076	110485	25-2191	112295	25-2324	110587
25-1464	110157	25-2077	111310	25-2192	110575	25-2326	112276
25-1466	112034	25-2077	111475	25-2193	111970	25-2327	110941
25-1466	112171	25-2078	112175	25-2194	110447	25-2330	111300
25-1466	113307	25-2079	111848	25-2195	113605	25-2336	111849
25-1471	112542	25-2080	112053	25-2192	110575	25-2339	111851
25-1472	111693	25-2081	111420	25-2202	111785	25-2339	112440
25-1473	112034	25-2084	113701	25-2204	112236	25-2341	110450
25-1478	112083	25-2086	111197	25-2205	111908	25-2343	110411
25-1480	111422	25-2087	111224	25-2207	112340	25-2347	112040
25-1480	112382	25-2088	111550	25-2208	114181	25-2348	112304
25-1482	110602	25-2089	110940	25-2210	112124	25-2349	113445
25-1483	111034	25-2091	110415	25-2211	111912	25-235	110368
25-1483	112911	25-2094	110552	25-2215	110831	25-2351	110626
25-1484	111608	25-2095	112074	25-2216	111763	25-2354	111931
25-1485	112034	25-2096	111874	25-2218	113665	25-2356	111442
25-1486	111548	25-2096	112006	25-2219	115981	25-2357	112172
25-1487	110530	25-2097	111534	25-2220	111680	25-2359	114439
25-1489	112041	25-2098	111347	25-2225	111900	25-2363	111995
25-1490	112541	25-2101	113750	25-2225	111909	25-2364	110617
25-1496	110933	25-2101	114758	25-2226	112442	25-2368	110421
25-1497	110709	25-2102	110847	25-2230	110847	25-2369	113207
25-1499	110216	25-2103	111865	25-2231	111900	25-2370	112103
25-1499	112897	25-2105	112459	25-2231	112286	25-2371	111851
25-1522	112270	25-2106	111904	25-2232	112026	25-2372	112217
25-155	110536	25-2107	111492	25-2232	112436	25-2373	112036
25-1629	110770	25-2108	113443	25-2234	113649	25-2373	113238
25-181	110144	25-2109	111197	25-2234	113665	25-2376	112429
25-2000	110397	25-2110	112555	25-2235	113040	25-2378	113206
25-2001	110468	25-2111	113674	25-2241	112172	25-2380	112369
25-2004	111189	25-2112	111851	25-2242	110157	25-2381	113313
25-2005	111476	25-2114	113132	25-2242	110292	25-2382	111123
25-2005	111565	25-2117	110569	25-2243	112005	25-2384	112322
25-2008	112268	25-2118	113361	25-2246	112533	25-2387	112218
25-2009	110808	25-2120	111685	25-2246	113446	25-2390	111855
25-2010	112235	25-2121	113430	25-2246	115506	25-2393	113629
25-2011	113451	25-2122	112370	25-2247	113644	25-2394	111971
25-2012	112235	25-2124	114106	25-2248	111684	25-2395	112380
25-2015	111131	25-2125	110216	25-2252	111564	25-2395	115951
25-2015	111750	25-2125	111786	25-2254	112553	25-2396	114160
25-2017	111070	25-2125	115985	25-2255	110602	25-2399	111190
25-2020	110485	25-2126	110356	25-2256	111823	25-2402	111346
25-2021	111900	25-2126	111299	25-2257	111585	25-2404	113271
25-2021	112438	25-2127	113966	25-2258	111455	25-2406	111272
25-2021	115503	25-2128	111123	25-226	110529	25-2407	111766
25-2025	111300	25-2128	113276	25-2264	111848	25-2411	112441
25-2026	111508	25-2129	113024	25-2265	111769	25-2411	115505
25-2030	112267	25-2131	113346	25-2266	113928	25-2412	113638
25-2031	111070	25-2136	111552	25-2267	112336	25-2416	114123
25-2031	114460	25-2137	110713	25-2268	110942	25-2417	113446
25-2032	112454	25-2138	113389	25-2270	112221	25-2418	114309
25-2034	111492	25-2140	110572	25-2271	110397	25-2419	111422
25-2037	112818	25-2140	113668	25-2272	113402	25-2422	113314

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
25-2424	110323	25-3086	112053	25-3365	114094	25-4044	114875
25-2425	110249	25-3087	111123	25-3367	114096	25-4047	113696
25-2427	111755	25-3088	112445	25-3377	114387	25-4049	114093
25-2430	112214	25-3094	113314	25-3379	114837	25-4049	115512
25-2431	112135	25-3099	112497	25-3381	112255	25-4054	115538
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25-2435	112135	25-3101	112497	25-3388	113938	25-4060	114444
25-2437	114719	25-3102	111347	25-339	110529	25-4062	114886
25-2438	110713	25-3105	111874	25-3391	115333	25-4063	115559
25-2442	114889	25-3106	112436	25-3395	113935	25-4063	116054
25-2443	112846	25-3107	113927	25-3395	115501	25-4064	115638
25-2446	112320	25-3112	111034	25-3396	114091	25-4065	111844
25-2447	113938	25-3113	113481	25-3397	115361	25-4066	115402
25-2448	113968	25-3115	112295	25-3401	111065	25-4067	114183
25-2450	112440	25-3117	112439	25-3403	113974	25-4071	114056
25-2451	113677	25-3121	114316	25-3404	113108	25-4072	115961
25-2456	110394	25-3123	112071	25-3414	113959	25-4077	113119
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25-2463	112821	25-3127	110958	25-3416	115941	25-4079	114021
25-2463	115870	25-3129	114174	25-3417	113860	25-4080	115635
25-2464	113725	25-3131	113515	25-3420	114092	25-4082	114849
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25-2467	112295	25-3137	111586	25-3423	115869	25-4085	115642
25-2471	112431	25-3140	110411	25-3432	114037	25-4087	111984
25-2473	111334	25-3148	112442	25-3435	115637	25-4091	114299
25-2474	112438	25-3153	110485	25-3440	114171	25-4092	113752
25-2477	112006	25-3157	110447	25-3447	114661	25-4093	111931
25-2485	112435	25-3161	113761	25-3450	113960	25-4096	112177
25-2489	113662	25-3162	111260	25-3451	114237	25-4097	114388
25-2490	114460	25-3168	113303	25-3452	115627	25-4098	111349
25-2491	114119	25-3170	111619	25-3455	114738	25-4099	114037
25-2492	112014	25-3172	113930	25-3456	114851	25-4100	110962
25-2493	113761	25-3173	114308	25-3457	115599	25-4101	113821
25-2494	110460	25-3175	114321	25-3458	114853	25-4102	114443
25-2499	111849	25-3180	111699	25-3460	113906	25-4103	115940
25-2504	113271	25-3182	113281	25-3463	113910	25-4106	114778
25-270	111304	25-3183	112388	25-3465	114255	25-4107	113821
25-3002	113430	25-319	110367	25-3467	115573	25-4108	114167
25-3005	114240	25-3197	111550	25-3469	114740	25-4109	115360
25-3009	111994	25-3200	113521	25-3471	113211	25-4112	115974
25-3010	112475	25-3205	112367	25-3473	114270	25-4114	115338
25-3011	113346	25-3208	114223	25-3474	114052	25-4115	115394
25-3015	114762	25-3213	113323	25-3475	113937	25-4116	113901
25-3018	111865	25-3218	113509	25-3476	114074	25-4117	114098
25-3023	113459	25-3219	113842	25-3477	114820	25-4118	114050
25-3024	112430	25-3220	113841	25-3480	112547	25-4119	114395
25-3025	110158	25-3222	114163	25-3481	113797	25-4121	114281
25-3028	115950	25-3224	114477	25-3484	113797	25-4123	111335
25-3030	114233	25-3225	114723	25-3486	114159	25-4124	114037
25-3031	111848	25-3226	114274	25-3487	114526	25-4126	115361
25-3032	111275	25-3233	110315	25-3492	115569	25-4133	115996
25-3033	111786	25-3242	112301	25-3495	113907	25-4134	113841
25-3033	115985	25-3250	114162	25-3496	115405	25-4136	115311
25-3034	114814	25-3251	113513	25-3497	115398	25-4139	111755
25-3039	111805	25-3258	113276	25-3498	115938	25-4140	115948
25-3042	115442	25-3267	113937	25-3606	110238	25-4141	115949
25-3045	113965	25-3270	113964	25-3885	114158	25-4144	113613
25-3046	113282	25-3283	113962	25-4000	110552	25-4145	114173
25-3050	114123	25-3284	114482	25-4001	115943	25-4146	115539
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25-3054	113481	25-3295	116039	25-4008	115597	25-4149	114388
25-3055	111422	25-3296	113933	25-4010	113926	25-4150	115610
25-3058	112291	25-3297	114161	25-4014	115328	25-4152	114731
25-3059	113182	25-3305	113819	25-4015	114020	25-4155	113932
25-3061	113267	25-3309	113020	25-4016	114692	25-4158	112474
25-3063	112444	25-3313	113177	25-4017	115336	25-4159	114305
25-3065	112218	25-3313	115329	25-4018	115542	25-4160	115755
25-3068	113329	25-3315	112904	25-4019	114746	25-4161	114264
25-3069	112373	25-3316	115744	25-4020	114029	25-4162	115698
25-3070	113254	25-3317	114764	25-4021	113303	25-4164	115335
25-3071	116085	25-3330	113897	25-4024	115947	25-4164	116059
25-3073	112474	25-3336	113702	25-4025	114057	25-4165	114886
25-3075	114739	25-3338	115643	25-4027	112646	25-4166	115719
25-3076	113319	25-3342	113843	25-4028	113977	25-4167	115574
25-3077	114051	25-3344	110634	25-4029	115770	25-4169	115611
25-3081	111347	25-3348	113773	25-4033	113570	25-4172	115612
25-3083	110584	25-3354	115362	25-4037	110839	25-4174	115395
25-3084	111070	25-3356	114108	25-4040	112083	25-4175	114761
25-3085	112534	25-3358	113796	25-4043	113982	25-4176	115977

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ELSTOCK</b> <i>Continued</i>							
25-4178	116024	25-4370	115727	26-0229	110154	26-395	110808
25-4181	115745	25-4373	114476	26-0238	110152	26-415	110178
25-4188	115400	25-4374	112547	26-0306	111865	26-4481	112489
25-4191	115733	25-4377	115684	26-0314	111055	26-5053	113727
25-4193	115330	25-4381	114891	26-0314	111127	27-0504	110237
25-4194	114742	25-4382	115563	26-0317	110831	27-0510	110877
25-4195	115613	25-4387	115685	26-0376	110587	27-0513	110743
25-4198	115829	25-4388	115830	26-0378	110869	27-0521	110128
25-4210	114275	25-4389	111906	26-0386	110862	27-0521	110264
25-4211	115626	25-4393	115560	26-0393	111228	27-0535	110611
25-4213	114402	25-4394	115728	26-0393	112289	27-0537	110899
25-4215	115645	25-4395	115571	26-0395	110149	27-0538	110611
25-4219	115900	25-4396	115329	26-0395	110808	27-0553	110759
25-4220	115842	25-4403	110485	26-0395	111310	27-0561	112098
25-4225	115570	25-4407	115944	26-0395	114885	27-0562	110133
25-4235	114850	25-4408	115624	26-0397	110838	27-0565	112098
25-4236	115337	25-4410	114885	26-0424	111058	27-0566	112098
25-4237	116002	25-4413	114696	26-0426	111058	27-0567	111141
25-4242	115734	25-4414	110947	26-0464	110160	27-0572	110077
25-4243	114443	25-4421	114197	26-0464	111489	27-0578	113376
25-4246	115639	25-4424	115555	26-1000	110838	27-0595	110137
25-4247	115636	25-4426	116049	26-1001	110864	27-0595	110138
25-4250	115359	25-4427	114093	26-1002	110602	27-0595	110258
25-4251	115723	25-4431	114860	26-1015	110365	27-0595	111195
25-4253	116000	25-4432	113959	26-1035	111059	27-0596	110138
25-4254	114871	25-4433	114677	26-1078	110862	27-0616	111096
25-4256	115997	25-4436	114213	26-1116	110421	27-0624	112098
25-4261	111885	25-4436	114253	26-1116	111475	27-0625	110239
25-4262	115376	25-4437	113445	26-1125	110402	27-0630	110641
25-4263	115768	25-4439	115725	26-1125	111385	27-0631	110048
25-4264	115616	25-4443	114891	26-1126	111561	27-0631	110127
25-4265	115524	25-4444	112547	26-1133	111131	27-0648	110975
25-4270	113995	25-4449	115448	26-1134	111059	27-0655	110887
25-4271	114387	25-4450	114003	26-1134	111748	27-0690	110138
25-4274	114480	25-4451	116050	26-1168	110865	27-0708	111071
25-4275	115339	25-4460	114747	26-1175	111400	27-0721	110611
25-4276	115771	25-4461	114332	26-1237	111030	27-0722	110105
25-4277	115729	25-4462	115389	26-1238	111131	27-0723	111289
25-4282	115822	25-4465	113478	26-1238	111750	27-0724	111086
25-4283	115399	25-4472	114224	26-1280	112172	27-0730	110105
25-4285	114760	25-4474	115589	26-1285	110831	27-0730	111649
25-4288	115735	25-4476	113843	26-1290	111911	27-0747	110931
25-4290	115686	25-4483	114718	26-1290	114118	27-0761	110542
25-4292	115575	25-4485	111549	26-1305	112455	27-0765	110138
25-4293	114003	25-4491	115594	26-1315	110811	27-0767	110138
25-4296	115986	25-4497	116082	26-1319	112321	27-0770	110127
25-4297	114775	25-4499	113429	26-1323	112131	27-0775	110170
25-4297	115502	25-472	110522	26-1352	111010	27-0796	110138
25-4298	115964	25-495	110178	26-1359	110616	27-0832	110075
25-4300	112185	25-5000	115334	26-1359	112131	27-0837	110178
25-4304	115696	25-5008	115939	26-1434	112321	27-0837	110250
25-4308	115401	25-5018	113897	26-1446	111489	27-0842	111483
25-4309	114818	25-5022	113551	26-1494	111385	27-0842	112054
25-4311	113723	25-5026	115626	26-2033	113172	27-0842	114288
25-4312	114676	25-5029	115561	26-2054	112455	27-0970	110248
25-4314	115758	25-5030	115539	26-2074	113705	27-1518	110138
25-4317	115598	25-5031	115733	26-2099	111865	27-1538	110258
25-4318	114833	25-5032	115736	26-2104	111817	27-1552	110542
25-4319	114375	25-5036	110713	26-2133	110221	27-1609	111483
25-432	111755	25-5038	115946	26-2238	111911	27-1618	111042
25-4321	115646	25-5040	113532	26-2277	110414	27-1802	111483
25-4324	115825	25-5043	115773	26-2280	112910	27-1802	112054
25-4326	115446	25-5054	113532	26-2287	113745	27-1886	110137
25-4327	115998	25-6535	115647	26-2301	110218	27-1889	110137
25-4330	111911	26-0010	110997	26-2301	111277	27-1941	111483
25-4333	115818	26-0011	110997	26-2301	112897	27-1941	112054
25-4336	112041	26-0012	110865	26-2366	111277	27-1941	114288
25-4337	114401	26-0014	113745	26-2391	111699	27-2510	111483
25-4342	113725	26-0024	110772	26-3000	113925	27-2569	111193
25-4345	113181	26-0054	110336	26-3012	113446	27-2573	113051
25-4348	113900	26-0054	110831	26-3033	111786	27-2576	110137
25-4350	114874	26-0054	111030	26-3033	115985	27-2816	112067
25-4355	115828	26-0055	111269	26-3147	113292	27-2819	111814
25-4356	115588	26-0086	110364	26-3167	111786	27-2853	111384
25-4359	115426	26-0088	110364	26-3167	115985	27-2974	110248
25-4361	111900	26-0152	111058	26-3201	114127	27-3515	111795
25-4362	115558	26-0207	110869	26-3308	115572	27-3591	110237
25-4367	110154	26-0215	111054	26-3314	112390	27-3603	113063
25-4368	110154	26-0217	111131	26-3376	111911	27-3643	111530

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
27-3787	112142	28-0538	111138	28-0724	111086	28-0825	110508
27-3789	112143	28-0543	110178	28-0724	111356	28-0825	111250
27-3829	111384	28-0543	110179	28-0724	111364	28-0826	110679
27-3895	113235	28-0544	110179	28-0725	110178	28-0827	110168
27-3945	113067	28-0545	110891	28-0725	110759	28-0827	110458
27-3963	113708	28-0548	111184	28-0725	110968	28-0830	110706
27-4696	113709	28-0548	113378	28-0725	111086	28-0831	110697
27-4698	113709	28-0560	110350	28-0725	111289	28-0833	110969
27-4720	114210	28-0561	112098	28-0726	110178	28-0836	110318
27-4813	114129	28-0563	110134	28-0726	110969	28-0836	110805
27-4829	114128	28-0563	110168	28-0726	111086	28-0842	114203
27-4830	113710	28-0573	111841	28-0726	111364	28-0849	110972
27-4838	113912	28-0576	110264	28-0727	110770	28-0849	111168
27-4887	113803	28-0577	111166	28-0727	111289	28-0850	110445
27-4932	113922	28-0577	111800	28-0727	111366	28-0851	111093
27-4933	113849	28-0578	113376	28-0730	110105	28-0852	111705
27-4956	113978	28-0582	110759	28-0730	111649	28-0854	110913
27-4966	115935	28-0594	110975	28-0732	111366	28-0857	110168
27-4968	113710	28-0598	110178	28-0733	111036	28-0858	111800
27-522	110128	28-0603	112768	28-0733	111621	28-0859	110358
27-5526	114250	28-0604	111289	28-0739	111141	28-0861	111082
27-5529	115786	28-0604	113474	28-0742	111141	28-0861	112728
27-5540	112067	28-0606	113574	28-0747	110931	28-0864	110972
27-5546	115925	28-0607	110970	28-0748	111139	28-0864	111168
27-5559	114111	28-0607	111948	28-0754	111072	28-0865	110972
27-5597	114757	28-0608	111086	28-0754	111171	28-0865	111168
27-5603	115460	28-0608	111364	28-0757	111287	28-0869	110923
27-562	110133	28-0616	111096	28-0759	110975	28-0869	111093
27-5651	113883	28-0619	110913	28-0760	110911	28-0870	111093
27-5682	115750	28-0620	110360	28-0761	112310	28-0871	113574
27-5732	115936	28-0620	110913	28-0768	110881	28-0877	111078
27-5752	115797	28-0623	110503	28-0772	112742	28-0877	111138
27-5805	115659	28-0628	110969	28-0773	110882	28-0877	111687
27-595	110137	28-0633	110641	28-0773	110890	28-0879	110707
27-595	110258	28-0635	110968	28-0773	110912	28-0892	111321
27-596	110137	28-0637	110178	28-0773	111686	28-0893	110697
27-655	110887	28-0639	111072	28-0773	112719	28-0903	111075
27-6592	115795	28-0642	112149	28-0773	112768	28-0904	110675
27-6659	114839	28-0645	110877	28-0776	111043	28-0904	110927
27-6672	113803	28-0647	111287	28-0790	110877	28-0905	111841
27-6704	113365	28-0650	110178	28-0793	110233	28-0906	111071
27-6761	116020	28-0650	111185	28-0793	110508	28-0907	111289
27-6857	111384	28-0650	111289	28-0794	110178	28-0908	111267
28-0080	110440	28-0650	113378	28-0794	110770	28-0910	111397
28-0285	111224	28-0651	110179	28-0794	111086	28-0912	110318
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28-0502	110975	28-0655	111153	28-0794	111362	28-0914	112754
28-0502	111653	28-0657	112270	28-0794	111364	28-0917	113793
28-0505	110179	28-0662	110492	28-0794	111366	28-0918	110806
28-0506	110913	28-0663	110136	28-0794	111368	28-0922	110607
28-0506	110975	28-0672	111085	28-0795	111289	28-0922	111754
28-0506	112098	28-0675	110358	28-0797	110972	28-0927	113611
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28-0509	110178	28-0678	112728	28-0797	113376	28-0931	110699
28-0509	110759	28-0680	112270	28-0798	110694	28-0931	110706
28-0509	111185	28-0683	110048	28-0799	111168	28-0932	110923
28-0509	113378	28-0683	110127	28-0799	111800	28-0933	110105
28-0510	110877	28-0683	111397	28-0799	112056	28-0934	110496
28-0510	112310	28-0688	111139	28-0800	110496	28-0934	110620
28-0511	111620	28-0693	110975	28-0800	111705	28-0934	110628
28-0511	111654	28-0696	110168	28-0801	111075	28-0935	111288
28-0511	111686	28-0696	110703	28-0802	111076	28-0935	112763
28-0517	110882	28-0701	110911	28-0802	112162	28-0937	111288
28-0517	110890	28-0701	110975	28-0804	111035	28-0937	112763
28-0517	111418	28-0706	111075	28-0805	110107	28-0940	110107
28-0517	115873	28-0708	111071	28-0805	111948	28-0940	111653
28-0519	112771	28-0717	110891	28-0807	110264	28-0941	112149
28-0522	110168	28-0717	111086	28-0809	110770	28-0943	110919
28-0522	110307	28-0717	111176	28-0809	111176	28-0944	112149
28-0523	112453	28-0717	113574	28-0809	111289	28-0945	111653
28-0524	111428	28-0718	111035	28-0809	111355	28-0945	112735
28-0527	111364	28-0718	111148	28-0809	111362	28-0946	111653
28-0527	111948	28-0720	111035	28-0809	111366	28-0948	111141
28-0533	112112	28-0723	110178	28-0812	111147	28-0950	111287
28-0534	111397	28-0723	110759	28-0815	110889	28-0950	112763
28-0537	110899	28-0723	110968	28-0817	110881	28-0954	111154
28-0537	111035	28-0723	111289	28-0825	110075	28-0955	110911
28-0537	111180	28-0723	113474	28-0825	110233	28-0956	111287
28-0538	110912	28-0724	110969	28-0825	110505	28-0957	110913

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ELSTOCK</b> <i>Continued</i>							
28-0958	111094	28-1608	111075	28-1756	111317	28-1895	110496
28-0958	112149	28-1611	111800	28-1757	111315	28-1896	111186
28-0959	112744	28-1611	112056	28-1759	111364	28-1901	111141
28-0963	112970	28-1612	111166	28-1760	111605	28-1906	110622
28-0968	110374	28-1613	112729	28-1762	110968	28-1910	111406
28-0971	110348	28-1614	112531	28-1764	111418	28-1913	111514
28-0973	111948	28-1615	110178	28-1764	115873	28-1916	110675
28-0977	111692	28-1615	111185	28-1765	111094	28-1917	110631
28-0980	112162	28-1616	111654	28-1768	111352	28-1920	111479
28-0981	110965	28-1620	110802	28-1769	110891	28-1929	111477
28-0981	112719	28-1621	110802	28-1771	113632	28-1929	111820
28-0982	110890	28-1625	112750	28-1775	111620	28-1930	111611
28-0982	110912	28-1626	111215	28-1777	110770	28-1934	111437
28-0982	112768	28-1628	111176	28-1777	111355	28-1939	111352
28-0983	110805	28-1628	111738	28-1777	112722	28-1940	110701
28-0989	110235	28-1628	112238	28-1778	111620	28-1942	111605
28-0989	110505	28-1629	110770	28-1780	113519	28-1943	112777
28-0991	111164	28-1629	111355	28-1783	112718	28-1946	110048
28-0992	110607	28-1629	112238	28-1784	111238	28-1946	110127
28-0992	111754	28-1629	112722	28-1785	110967	28-1947	111154
28-0996	111036	28-1629	113574	28-1787	111166	28-1947	112149
28-0998	110881	28-1631	111171	28-1788	111342	28-1949	110127
28-0999	111428	28-1633	111148	28-1792	111356	28-1950	110882
28-1276	111428	28-1641	111610	28-1792	111362	28-1951	110985
28-1500	110701	28-1643	111279	28-1792	111364	28-1951	112337
28-1503	110620	28-1644	111578	28-1792	111368	28-1951	112338
28-1504	111048	28-1646	110632	28-1794	110264	28-1951	112629
28-1507	112162	28-1649	113077	28-1795	111267	28-1951	112640
28-1508	110664	28-1650	112056	28-1805	110659	28-1952	110127
28-1510	110890	28-1656	111166	28-1810	111578	28-1953	111354
28-1511	112297	28-1656	111800	28-1812	111314	28-1955	111309
28-1513	111185	28-1656	112056	28-1813	111578	28-1955	111375
28-1513	111289	28-1657	111620	28-1816	112777	28-1956	112529
28-1514	111662	28-1657	111654	28-1816	113758	28-1957	110621
28-1521	111240	28-1662	110619	28-1817	112806	28-1960	112329
28-1522	110264	28-1665	112782	28-1819	111741	28-1962	112298
28-1522	112270	28-1668	112557	28-1820	112299	28-1962	113439
28-1529	110385	28-1669	112453	28-1821	111579	28-1964	110499
28-1531	110662	28-1671	110682	28-1821	112860	28-1964	111388
28-1532	110458	28-1675	110385	28-1822	112810	28-1965	111176
28-1534	110168	28-1680	111166	28-1823	111427	28-1967	110675
28-1534	110307	28-1680	113376	28-1824	111171	28-1967	111428
28-1535	111048	28-1682	110267	28-1825	111139	28-1969	112299
28-1540	110679	28-1684	113920	28-1825	111149	28-1970	112230
28-1542	111948	28-1686	110682	28-1827	112734	28-1970	112292
28-1545	111170	28-1691	111169	28-1828	110631	28-1971	111807
28-1546	111325	28-1691	111800	28-1830	112046	28-1972	112750
28-1546	112756	28-1691	112056	28-1832	111687	28-1973	114026
28-1547	112744	28-1694	111705	28-1833	111676	28-1975	111082
28-1553	110505	28-1695	110679	28-1835	110881	28-1977	111732
28-1558	112729	28-1698	112270	28-1836	111280	28-1978	110360
28-1560	110965	28-1701	111339	28-1840	111363	28-1978	110913
28-1560	110967	28-1703	111166	28-1841	111609	28-1979	110984
28-1561	110682	28-1703	113376	28-1842	111169	28-1982	112970
28-1563	111139	28-1704	112769	28-1843	110770	28-1983	111285
28-1564	112270	28-1706	112765	28-1855	110967	28-1985	112183
28-1565	113793	28-1708	112769	28-1862	112765	28-1986	112087
28-1570	110700	28-1715	110959	28-1866	110105	28-1992	111148
28-1571	113347	28-1715	111710	28-1866	113632	28-1993	112810
28-1572	111176	28-1721	113187	28-1867	111705	28-1994	110659
28-1572	111741	28-1723	110804	28-1868	111538	28-1997	111048
28-1573	110564	28-1724	112736	28-1870	112229	28-2502	111226
28-1575	111147	28-1730	111166	28-1871	111426	28-2503	111171
28-1578	110891	28-1730	111170	28-1873	110233	28-2504	111411
28-1579	111705	28-1731	111361	28-1873	110505	28-2507	111048
28-1582	110540	28-1732	112093	28-1876	111800	28-2509	111803
28-1583	112746	28-1734	111686	28-1877	111279	28-2514	110607
28-1585	111147	28-1735	111035	28-1878	110770	28-2514	111623
28-1586	110360	28-1735	111148	28-1878	113474	28-2514	111742
28-1586	111035	28-1736	112780	28-1879	111176	28-2514	111754
28-1589	111187	28-1742	111226	28-1879	111293	28-2514	115890
28-1591	113474	28-1743	111267	28-1880	110267	28-2517	111692
28-1595	110622	28-1746	111264	28-1885	110607	28-2519	111316
28-1597	110496	28-1747	111294	28-1885	111623	28-2520	111148
28-1597	111705	28-1748	111747	28-1885	111754	28-2522	111507
28-1598	110664	28-1749	111705	28-1885	115890	28-2527	111266
28-1601	110891	28-1752	111154	28-1887	111741	28-2532	111200
28-1602	111740	28-1754	110877	28-1888	111948	28-2533	111517
28-1607	112734	28-1755	111237	28-1894	112098	28-2534	111237

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
28-2535	112777	28-2681	111267	28-2825	110622	28-2981	112719
28-2536	111951	28-2685	110178	28-2830	110805	28-2982	110629
28-2537	111518	28-2685	110891	28-2834	111828	28-2984	113868
28-2538	112529	28-2687	113604	28-2835	111289	28-2985	112079
28-2540	111518	28-2689	112689	28-2839	111381	28-2985	114789
28-2543	111355	28-2690	112230	28-2844	112128	28-2986	111946
28-2544	113632	28-2691	110759	28-2845	111802	28-2987	112719
28-2550	111354	28-2692	112768	28-2847	111824	28-2988	113887
28-2550	111369	28-2692	115689	28-2848	112205	28-2990	112002
28-2554	110806	28-2694	110703	28-2849	111756	28-2990	114797
28-2554	111929	28-2695	114084	28-2850	112530	28-2990	115483
28-2555	111435	28-2697	111413	28-2851	111478	28-2991	111883
28-2556	111739	28-2700	111689	28-2855	110724	28-2996	113340
28-2557	111176	28-2701	110360	28-2858	112035	28-2997	111846
28-2557	111289	28-2702	111319	28-2860	110471	28-2998	113785
28-2558	112746	28-2704	112325	28-2861	111405	28-3502	113350
28-2560	110923	28-2706	111416	28-2862	113770	28-3503	111623
28-2560	111354	28-2708	112065	28-2863	112680	28-3503	111742
28-2562	111406	28-2713	110496	28-2864	111820	28-3503	115890
28-2566	111811	28-2714	111537	28-2865	111397	28-3506	110500
28-2567	112151	28-2715	112069	28-2866	113611	28-3506	112639
28-2568	111266	28-2716	113533	28-2869	112165	28-3507	113349
28-2572	111223	28-2717	111505	28-2872	113291	28-3509	113885
28-2574	111888	28-2718	111894	28-2874	113383	28-3510	113832
28-2580	111164	28-2720	111991	28-2880	112557	28-3511	111788
28-2581	112207	28-2720	112709	28-2881	111232	28-3512	111318
28-2582	112687	28-2721	111409	28-2882	113485	28-3518	112750
28-2584	111267	28-2724	113536	28-2883	111978	28-3519	111289
28-2585	112687	28-2726	111963	28-2884	111353	28-3519	111362
28-2587	111988	28-2728	113939	28-2885	112722	28-3524	112406
28-2588	111477	28-2734	113537	28-2887	113788	28-3525	111779
28-2589	111898	28-2735	111505	28-2890	112351	28-3525	114245
28-2591	111820	28-2735	113537	28-2892	111797	28-3529	112194
28-2592	112703	28-2736	111468	28-2893	111369	28-3533	111722
28-2594	112287	28-2744	112098	28-2894	112578	28-3535	113879
28-2599	112102	28-2745	112056	28-2895	111719	28-3536	111626
28-2601	112800	28-2746	112775	28-2895	112679	28-3537	111285
28-2604	110986	28-2750	112356	28-2898	112387	28-3538	111626
28-2605	112860	28-2751	112191	28-2900	112328	28-3538	111956
28-2607	112679	28-2752	111354	28-2901	111726	28-3541	113077
28-2609	113832	28-2754	110770	28-2902	110503	28-3542	111468
28-2615	111325	28-2754	111738	28-2903	111767	28-3544	111480
28-2620	111705	28-2758	110699	28-2905	113786	28-3545	111627
28-2621	112681	28-2759	111594	28-2906	113519	28-3547	111381
28-2622	111872	28-2760	115742	28-2908	111883	28-3548	111806
28-2626	112557	28-2763	111898	28-2909	110496	28-3548	112362
28-2629	111601	28-2764	111223	28-2911	110882	28-3550	112025
28-2629	111963	28-2769	111902	28-2912	111264	28-3556	111294
28-2630	111689	28-2770	111319	28-2915	111514	28-3557	110235
28-2631	113447	28-2772	111515	28-2923	111514	28-3559	112025
28-2633	111353	28-2774	111376	28-2925	111893	28-3564	113076
28-2634	111807	28-2777	111899	28-2926	113833	28-3565	111902
28-2637	112698	28-2779	111579	28-2929	111718	28-3566	112021
28-2641	111309	28-2781	111623	28-2932	112772	28-3567	110679
28-2644	112492	28-2781	111742	28-2938	112086	28-3568	112202
28-2645	111832	28-2781	115890	28-2939	111018	28-3569	111902
28-2648	113531	28-2782	111587	28-2940	111843	28-3571	111416
28-2651	111689	28-2783	111890	28-2940	113531	28-3573	112556
28-2652	111812	28-2784	113469	28-2946	113498	28-3574	111934
28-2654	111704	28-2786	112228	28-2952	110105	28-3577	111416
28-2655	111929	28-2792	112556	28-2952	113632	28-3580	111568
28-2658	111318	28-2794	112775	28-2953	111375	28-3584	111712
28-2659	111831	28-2795	112688	28-2954	113498	28-3587	111388
28-2660	111287	28-2797	113500	28-2956	112780	28-3594	111820
28-2660	112799	28-2798	112698	28-2957	111934	28-3594	111884
28-2662	112121	28-2799	111956	28-2961	111287	28-3595	111252
28-2663	112530	28-2800	112349	28-2963	111850	28-3595	112842
28-2665	111428	28-2803	111598	28-2964	112043	28-3596	111353
28-2666	111872	28-2804	112129	28-2968	111980	28-3597	111090
28-2667	112557	28-2805	111017	28-2972	113634	28-3598	112448
28-2670	113921	28-2809	111279	28-2973	112709	28-3601	112075
28-2673	111036	28-2811	112375	28-2975	112198	28-3602	110235
28-2673	113471	28-2812	113785	28-2976	112531	28-3604	112884
28-2675	111722	28-2813	113758	28-2977	111787	28-3605	112613
28-2676	110675	28-2815	111946	28-2978	111294	28-3606	110238
28-2678	111620	28-2816	112067	28-2979	111989	28-3610	111199
28-2679	111498	28-2821	111289	28-2979	115482	28-3612	112194
28-2680	111532	28-2823	112352	28-2980	112355	28-3622	111854
28-2680	112467	28-2824	111148	28-2981	110912	28-3623	111435

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ELSTOCK</b> <i>Continued</i>							
28-3625	111468	28-3772	113405	28-3925	111048	28-4632	113599
28-3626	113879	28-3773	112492	28-3928	112413	28-4633	112471
28-3628	112639	28-3774	111722	28-3931	112413	28-4637	112327
28-3629	112679	28-3778	113442	28-3932	110487	28-4639	113536
28-3630	113754	28-3779	112539	28-3933	112093	28-4641	113272
28-3631	112358	28-3782	113085	28-3935	112073	28-4642	113298
28-3634	112418	28-3784	112274	28-3936	112415	28-4643	113317
28-3635	112357	28-3791	114679	28-3938	112144	28-4645	113913
28-3637	112078	28-3794	112075	28-3944	112414	28-4648	113336
28-3638	112332	28-3797	113763	28-3949	112469	28-4649	113280
28-3639	113406	28-3799	112338	28-3951	112414	28-4650	111947
28-3642	111375	28-3800	112065	28-3952	111895	28-4653	115790
28-3644	113888	28-3801	111823	28-3953	113836	28-4665	114120
28-3646	110471	28-3801	112196	28-3956	111950	28-4669	112193
28-3646	110508	28-3801	115987	28-3957	111507	28-4675	112406
28-3647	113942	28-3802	112059	28-3958	113518	28-4682	112750
28-3648	113403	28-3802	113485	28-3959	115929	28-4684	113787
28-3655	112199	28-3803	112480	28-3963	113708	28-4689	113950
28-3657	111990	28-3806	112363	28-3965	113403	28-4691	114381
28-3658	112270	28-3807	112407	28-3968	112358	28-4693	111355
28-3660	112144	28-3809	113089	28-3974	115711	28-4697	115709
28-3661	110659	28-3810	112327	28-3979	112063	28-4699	113324
28-3665	111708	28-3811	113306	28-3982	111934	28-4701	113272
28-3667	111741	28-3812	111710	28-3989	112419	28-4702	113755
28-3668	113486	28-3814	113285	28-3995	113952	28-4704	113948
28-3669	112144	28-3815	110499	28-4500	112472	28-4706	113331
28-3671	112548	28-3816	113575	28-4504	113317	28-4713	113874
28-3672	111779	28-3817	112079	28-4505	115864	28-4716	113352
28-3680	113489	28-3817	113952	28-4507	113486	28-4719	113283
28-3683	112772	28-3818	113440	28-4509	113771	28-4725	113951
28-3685	114386	28-3824	111018	28-4511	112359	28-4726	113439
28-3689	113489	28-3826	111605	28-4512	112468	28-4728	113944
28-3691	112194	28-3828	111895	28-4515	112648	28-4730	115844
28-3693	113315	28-3831	112327	28-4516	112328	28-4731	113253
28-3694	112072	28-3834	111538	28-4522	113942	28-4736	112772
28-3695	113603	28-3835	111830	28-4525	116017	28-4737	113407
28-3698	112045	28-3836	112636	28-4527	113939	28-4745	114201
28-3698	113770	28-3837	112461	28-4532	111364	28-4746	113718
28-3699	111934	28-3838	115791	28-4535	114663	28-4751	114215
28-3701	111723	28-3839	112271	28-4537	113300	28-4768	113954
28-3702	112458	28-3840	112428	28-4538	114084	28-4773	113992
28-3703	112193	28-3840	115673	28-4542	114214	28-4775	113889
28-3704	111943	28-3841	113296	28-4544	113404	28-4777	115619
28-3705	112397	28-3843	112062	28-4545	113328	28-4781	114115
28-3709	113275	28-3847	112428	28-4547	113352	28-4789	113246
28-3712	112079	28-3847WH	112428	28-4548	112428	28-4791	113246
28-3717	111781	28-3850	111965	28-4548WH	112428	28-4799	114112
28-3718	112529	28-3851	112462	28-4551	110488	28-4809	114010
28-3720	112197	28-3852	113519	28-4555	113404	28-4811	113884
28-3721	112333	28-3853	112402	28-4556	113878	28-4812	113896
28-3724	112396	28-3855	111678	28-4562	113296	28-4814	113657
28-3727	111937	28-3856	110959	28-4567	112415	28-4816	113947
28-3729	111216	28-3857	111719	28-4573	112693	28-4818	113252
28-3730	112777	28-3859	113330	28-4580	112360	28-4820	113720
28-3731	112389	28-3865	112399	28-4582	111309	28-4820	116064
28-3735	111478	28-3866	114114	28-4586	111850	28-4823	113439
28-3737	112190	28-3867	111967	28-4587	111850	28-4824	113685
28-3738	112057	28-3868	113283	28-4596	113249	28-4825	111402
28-3740	112203	28-3869	115660	28-4597	113517	28-4827	114894
28-3742	112777	28-3870	113407	28-4600	112467	28-4829	114128
28-3743	112194	28-3875	113285	28-4601	113336	28-4831	115837
28-3744	112425	28-3876	113510	28-4602	113697	28-4836	113871
28-3745	112394	28-3877	113577	28-4603	113247	28-4840	113519
28-3746	111895	28-3879	112750	28-4605	111075	28-4842	113279
28-3748	115476	28-3885	114158	28-4606	113503	28-4849	113858
28-3750	113336	28-3887	113751	28-4610	113245	28-4849	115976
28-3750	113943	28-3888	112416	28-4611	112397	28-4853	113316
28-3751	111355	28-3891	112471	28-4612	112470	28-4854	115415
28-3752	112460	28-3894	114241	28-4613	111568	28-4855	114877
28-3755	112458	28-3898	112068	28-4614	113248	28-4861	115621
28-3756	112193	28-3899	112128	28-4615	115865	28-4866	113877
28-3757	111740	28-3900	113882	28-4616	113771	28-4869	111884
28-3760	112273	28-3903	114027	28-4616	113772	28-4872	114242
28-3761	112058	28-3906	112102	28-4618	113246	28-4875	113837
28-3763	114708	28-3918	112939	28-4621	112426	28-4876	114122
28-3765	113035	28-3919	112002	28-4621WH	112426	28-4888	114841
28-3766	111779	28-3919	114797	28-4622	113404	28-4889	113718
28-3768	112190	28-3921	113889	28-4628	112457	28-4892	114258
28-3770	111890	28-3922	113404	28-4631	113322	28-4908	113792



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
28-4909	113722	28-5650	113941	28-5885	114202	28-6759	114191
28-4909	115963	28-5653	113758	28-5889	115365	28-6766	114352
28-4914	113721	28-5655	114768	28-5893	114467	28-6768	115679
28-4917	113535	28-5656	114088	28-5898	115910	28-6771	115718
28-4919	113919	28-5657	114673	28-5902	114379	28-6772	114024
28-4923	113956	28-5659	113863	28-5913	115384	28-6773	115657
28-4925	113955	28-5663	114857	28-5918	115587	28-6780	115739
28-4925	114801	28-5665	113302	28-5928	115668	28-6785	112559
28-4926	113996	28-5666	114658	28-5930	115707	28-6794	115834
28-4930	113404	28-5672	115452	28-5949	115477	28-6799	115457
28-4935	113720	28-5673	114705	28-5950	114229	28-6800	115606
28-4935	116064	28-5673	115490	28-5951	115437	28-6802	115700
28-4945	113953	28-5674	114462	28-5957	114897	28-6803	114000
28-4947	115919	28-5676	114895	28-5964	114779	28-6811	115980
28-4953	111712	28-5680	115308	28-5965	114694	28-6813	113631
28-4960	115677	28-5680	115346	28-5969	115526	28-6816	114463
28-4961	115905	28-5687	112457	28-5971	115410	28-6817	114097
28-4963	115846	28-5688	113285	28-5973	114728	28-6826	114201
28-4970	114257	28-5692	113946	28-5974	115667	28-6837	115761
28-4972	115317	28-5693	115678	28-5978	115692	28-6843	115632
28-4975	115835	28-5694	113987	28-5979	115654	28-6851	111226
28-4980	115473	28-5696	114749	28-5980	115753	28-6853	113858
28-4987	113536	28-5703	113946	28-5984	115930	28-6853	115976
28-4988	113837	28-5708	114665	28-5985	115580	28-6854	111411
28-4989	113993	28-5710	115606	28-5986	115868	28-6862	115431
28-4992	113956	28-5715	113405	28-5988	115412	28-6884	113967
28-4997	114491	28-5716	113575	28-5990	115669	28-6892	111048
28-4998	114131	28-5718	113246	28-5997	116111	28-6897	114896
28-5501	114354	28-5722	115955	28-6003	115852	28-6903	114450
28-5502	114130	28-5723	115532	28-6506	115748	28-6905	115587
28-5502	116069	28-5724	115928	28-6509	115924	28-6916	113716
28-5506	112021	28-5729	114736	28-6510	115581	28-6920	114081
28-5508	113881	28-5731	115708	28-6514	115713	28-6947	114235
28-5511	115907	28-5733	114291	28-6517	115655	28-6948	115346
28-5522	115658	28-5740	114039	28-6522	114900	28-6953	113433
28-5524	113791	28-5750	114121	28-6526	115318	28-6958	115546
28-5528	114884	28-5754	114380	28-6527	115860	28-6967	113949
28-5531	114042	28-5754	116060	28-6535	115647	28-6995	114805
28-5531	116113	28-5760	111719	28-6536	115921	28-726	110969
28-5532	114803	28-5762	113967	28-6562	115715	28-7505	113330
28-5535	113971	28-5763	112205	28-6565	115671	28-7510	114807
28-5538	113330	28-5768	113992	28-6572	114247	28-7522	113975
28-5547	114023	28-5769	115661	28-6575	115631	28-7525	114433
28-5551	115789	28-5771	114076	28-6594	115920	28-761	112310
28-5556	115527	28-5774	115923	28-6598	115760	28-773	110912
28-5560	113904	28-5777	114832	28-6600	114834	28-854	110913
28-5562	115858	28-5778	115766	28-6603	115975	28-950	111154
28-5564	113861	28-5780	115649	28-6612	115815	29-0503	110482
28-5565	113791	28-5781	115856	28-6614	115765	29-0503	110483
28-5567	114724	28-5788	114831	28-6623	115912	29-0520	110483
28-5568	114245	28-5790	113253	28-6626	115716	29-0547	110484
28-5569	115926	28-5791	114082	28-6628	115746	29-0612	111225
28-5571	114881	28-5791	116043	28-6629	115648	45-0016	110566
28-5577	114249	28-5792	112557	28-6632	115340	45-0030	110531
28-5579	114080	28-5797	115826	28-6639	112578	45-0091	110512
28-5588	113862	28-5798	113310	28-6641	112556	45-0113	110527
28-5590	115434	28-5806	115909	28-6642	115701	45-0114	110214
28-5591	113958	28-5807	115788	28-6649	115827	45-0123	111218
28-5593	114898	28-5808	115787	28-6651	115863	45-0128	110512
28-5594	114709	28-5814	114192	28-6653	115455	45-0128	110601
28-5598	115853	28-5824	114311	28-6660	115843	45-0133	110205
28-5599	115855	28-5827	115913	28-6662	115528	45-0150	110212
28-5604	115927	28-5828	115906	28-6664	114287	45-0150	110213
28-5613	113902	28-5830	115380	28-6665	114805	45-0174	110524
28-5615	112860	28-5832	114780	28-6676	116012	45-0178	111637
28-5618	115383	28-5836	114451	28-6678	115412	45-0180	110209
28-5620	114806	28-5838	115582	28-6683	115532	45-0180	110932
28-5620	115874	28-5841	115622	28-6690	115583	45-0184	110534
28-5624	113898	28-5846	111847	28-6691	114536	45-0185	110206
28-563	110134	28-5847	115859	28-6697	115861	45-0190	110210
28-5630	114664	28-5853	115730	28-6700	114879	45-0197	110207
28-5634	113600	28-5855	115367	28-6702	116061	45-0200	110205
28-5636	114189	28-5857	114662	28-6706	114826	45-0202	110520
28-5637	114495	28-5860	114207	28-6707	115683	45-0206	111218
28-5640	114704	28-5861	115382	28-6726	114350	45-0219	110523
28-5641	114102	28-5864	115474	28-6733	113986	45-0219	113464
28-5641	116068	28-5866	114290	28-6741	113352	45-0228	110518
28-5643	115305	28-5870	115929	28-6748	112002	45-0249	112651
28-5649	113791	28-5883	115704	28-6748	114797	45-0252	110517

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ELSTOCK</b> <i>Continued</i>							
45-0252	110521	45-2059	110347	45-3494	113672	48-0848	111658
45-0291	110206	45-2061	110512	45-3494	115881	48-0848	113477
45-0313	110212	45-2090	112323	45-398	110521	48-0860	110052
45-0316	113484	45-2113	112372	45-4013	114073	48-0878	110895
45-0327	110208	45-2116	112116	45-4073	113984	48-0889	111614
45-0329	112091	45-2138	111679	45-4135	114193	48-0930	110448
45-0330	110212	45-2146	112090	45-4135	115877	48-0985	111344
45-0331	110601	45-2146	112091	45-4168	115891	48-0995	111146
45-0342	110998	45-2170	112342	45-4200	114323	48-1501	113477
45-0345	110517	45-2173	114319	45-4200	115889	48-1506	110801
45-0354	112132	45-2175	112055	45-4226	114307	48-1550	112784
45-0381	110212	45-2178	111910	45-4267	114268	48-1592	111419
45-0398	110521	45-2184	110206	45-4272	114733	48-1592	111987
45-0399	110214	45-2188	112055	45-4272	115894	48-1593	111629
45-0412	113466	45-2196	110944	45-4279	114222	48-1593	111842
45-0422	111638	45-2198	113850	45-4280	114873	48-1593	112343
45-0435	110512	45-2201	112224	45-4294	114376	48-1596	111834
45-0438	110999	45-2213	110999	45-4294	115513	48-1619	111493
45-0440	110347	45-2214	111254	45-4305	111212	48-1632	110163
45-0445	110616	45-2240	111399	45-4325	113353	48-1634	112345
45-0469	111231	45-2279	111771	45-4397	113676	48-1744	111629
45-0473	111231	45-228	110518	45-4397	115883	48-1745	110113
45-0476	110723	45-2308	113468	45-4398	114001	48-1758	111658
45-0478	110616	45-2332	111254	45-4400	114086	48-1758	113477
45-0479	112119	45-2333	111247	45-4400	115896	48-1782	112757
45-0488	110208	45-2344	114523	45-4402	114220	48-1801	112076
45-1005	111558	45-2345	111000	45-4409	114340	48-1826	112803
45-1027	111000	45-2353	112037	45-4418	115801	48-1893	111146
45-1038	113194	45-2360	112507	45-4429	114659	48-1904	110761
45-1060	110581	45-2361	113203	45-4430	114474	48-1905	112159
45-1091	111640	45-2375	110206	45-4498	114193	48-1905	112561
45-1095	111913	45-2377	110210	45-4498	115877	48-1919	110116
45-1101	110576	45-2397	111000	45-469	111231	48-1921	110766
45-1123	110213	45-2401	113184	45-473	111231	48-1922	110906
45-1123	110532	45-2408	110576	45-5028	115439	48-1922	113920
45-1154	113468	45-2408	113195	45-5028	115876	48-1931	111261
45-1185	112670	45-2432	114398	45-5041	114326	48-1935	112252
45-1211	113210	45-2455	112116	45-5042	114693	48-1988	114077
45-1227	110998	45-2459	110582	45-5055	114282	48-2545	112076
45-1245	111231	45-2469	115345	45-5057	114693	48-2563	111746
45-1249	116040	45-2488	114100	45-5060	114236	48-2603	111782
45-1267	110999	45-2488	115893	47-0539	110766	48-2613	111631
45-1271	110519	45-252	110521	47-0540	112097	48-2639	111886
45-1271	111219	45-3007	112494	47-0541	112097	48-2740	110801
45-1274	110534	45-3020	113979	47-0605	110052	48-2742	112097
45-1286	112174	45-3066	112581	47-0659	110116	48-2743	110801
45-1297	110981	45-3067	114033	47-0660	110766	48-2756	111833
45-1298	113464	45-3089	112507	47-0666	110113	48-2756	116063
45-1300	111003	45-3097	113277	47-0734	110766	48-2765	113470
45-1302	110207	45-3103	112446	47-0872	110052	48-2838	112288
45-1320	113466	45-3110	113356	47-0884	111596	48-2842	112343
45-1330	110616	45-3184	113676	47-0895	111331	48-2851	111720
45-1354	114047	45-3184	115883	47-0896	111331	48-2852	111720
45-1366	110980	45-3193	113484	47-0920	111613	48-2859	111842
45-1368	110582	45-3198	111003	47-1509	111613	48-2922	111569
45-1370	110535	45-3199	113466	47-1588	110563	48-2937	112561
45-1382	110580	45-3259	112822	47-1606	111484	48-2989	111987
45-1392	110580	45-3259	115880	47-2748	111613	48-2992	110591
45-1393	112649	45-3261	112823	48-0508	111295	48-3674	111987
45-1401	110555	45-3261	115872	48-0529	112747	48-3675	111842
45-1401	114164	45-3281	113609	48-0541	112097	48-3681	113186
45-1403	112120	45-3302	114523	48-0590	110163	48-3684	112170
45-1409	110555	45-3302	115514	48-0590	111834	48-3687	112561
45-1409	111020	45-3331	112446	48-0591	111834	48-3692	110300
45-1428	110512	45-3332	113759	48-0636	112261	48-3719	112252
45-1429	110524	45-3350	113760	48-0644	110112	48-3728	111631
45-1430	110209	45-3353	112498	48-0659	110116	48-3736	112189
45-1430	110932	45-3370	114169	48-0666	110113	48-3764	113477
45-1431	111637	45-3394	113453	48-0697	110163	48-3771	113448
45-1445	111231	45-3400	113608	48-0710	112210	48-3780	111295
45-1462	110490	45-3429	114100	48-0734	110117	48-3844	111295
45-1463	112243	45-3429	115893	48-0734	110766	48-3984	113289
45-1468	114438	45-3439	113934	48-0741	110113	48-4552	112427
45-1468	114744	45-3443	113891	48-0741	110761	48-4552	115871
45-1477	110524	45-3443	115509	48-0741	110906	48-4557	115602
45-1498	113191	45-3444	113859	48-0741	113920	48-4563	113923
45-184	110534	45-345	110517	48-0780	110117	48-4563	115879
45-202	110520	45-3468	114310	48-0808	110567	48-4793	112424
45-2044	111097	45-3468	115888	48-0848	111528	48-4845	113284

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
48-4845	115491	<b>FEMSA</b>		<b>FIAT</b>		4470378	112289
48-4859	113188	ALB40-68	110611	04763995	110521	4470411	111138
48-4859	115484	ALB40-86	110611	130019808	113451	4474729	111180
48-4867	113351	ALD12N-53	110743	130019808	113451	4474746	110352
48-4979	115800	ALF12-18	110968	1305709080	111802	4474747	110352
48-5519	111842	ALN12-1	110743	1315060080	111802	4474750	110352
48-5534	115617	ALP12N-1	110969	1319121080	111130	4474752	111180
48-5534	115618	ALP12N-12	110759	1319555080	112026	4474815	110899
48-5610	112160	ALP12N-2	110178	1320921080	111070	4474816	110899
48-5646	114809	ALP12N-20	111078	1323249080	112772	4474902	112097
48-5652	114110	ALP12N-24	111078	1329201080	112436	4474903	110611
48-5686	111631	ALS12-81	110350	1331329080	112026	4474904	110611
48-5761	115381	ALS12N-24	111138	1332419080	111070	4475266	111180
48-5815	115994	ALS12N-51	111289	1342792080	114460	4475268	111180
48-6555	114407	ALS12N-55	111138	1347058080	113935	4475303	110611
48-6555	115878	ALS12N-56	111138	1349920080	114054	4478678	110912
48-6586	115780	ALS12N-72	111289	1349920080	115516	46208436	112026
48-6647	114846	ALS12N-75	111289	1473638080	112053	46231500	111585
48-6650	116023	ALS12N-82	110348	1475489080	112053	46231504	110365
48-6658	114303	ALT12N-11	110178	2022607	110882	46231505	110365
48-666	110906	ALT12N-13	110968	2022612	110890	46231510	111025
48-6666	114113	ALT12N-14	110178	2961928	110530	46231525	110338
48-6737	114864	ALT12N-2	110968	3917420	110368	46231535	112289
48-6746	113448	ALT12N-39	110178	4152101	110611	46231540	112124
48-6758	113351	DNL12-22	110482	4152610	112097	46231541	111420
48-6767	114382	DNL12E-42	110483	4152612	110882	46231592	112455
48-6783	113895	MOC12-2	110793	4166213	110611	46231601	111619
48-6833	114845	MTA12-14	110367	4169096	110813	46231602	111619
48-6844	114782	MTA12-19	110367	4172004	110521	46231640	110812
48-6938	115617	MTA12-19M	110367	4172113	110529	46231642	113846
48-6938	115618	MTA12-30	111100	4174626	110611	46231643	113451
48-741	110113	MTA12-37	110367	4179626	110532	46231644	111421
48-7523	112038	MTA12-39	110365	4187587	110521	46231650	111687
		MTA12-39M	110365	4198600	110338	46231655	111078
<b>FAE</b>		MTA12-43	110367	4198601	110338	46231657	111036
4408	111264	MTA12P-15	110367	4220356	112097	46231658	113471
4429	110802	MTA12-P19	110367	4220539	112097	46231659	111036
4439	113077	MTA12-P30	110856	4223787	112097	46231660	111036
4473	111309	MTA12P-7	110856	4224325	110899	46231670	111413
4487	110659	MTC252-7	110450	4229113	110365	46231675	111036
4637	113563	MTC25-27	110566	4229114	110365	46231678	111148
4676	111285	MTD12-14	110352	4231016	110521	46231680	111180
4851	112327	MTL12-10	115423	4231018	110521	46231682	111148
4860	113656	MTS12-10	110367	4232191	110521	46231684	111035
4863	113652	MTS12-22	110338	4242498	110611	46231687	111035
4910	113559	MTS12-29	110365	4242730	110890	46231688	111148
4942	113372	MTS12-37	110367	42498212	110518	46231689	111148
4980	113607	MTS12-39	110365	4257063	110899	46231696	115476
6141	113629	MTS12-42	110365	4257074	110899	46231698	111689
6407	111786	MTS12-48	110365	4257771	110899	46231700	111620
6448	110810	MTS12-50	110367	4263584	110890	46231705	111689
6456	111374	MTS12-51	110367	4263983	110890	46231725	111138
6840	112300	MTS12P-19	110338	4269114	110521	46231735	111620
6858	113665			4274815	110899	46231740	111620
6864	113618	<b>FENDT</b>		4275283	110899	46231745	111620
6868	113638	835340374	112038	4275285	110899	46231751	110882
6869	113521	F135902060010	111332	4275286	110899	46231755	110912
6870	113020	F139900060011	112039	4285622	110890	46231756	111654
6872	113638	F716900060010	114475	4325179	110899	46231757	112768
6894	111909	F716900060060	112071	4329019	110611	46231758	111686
6927	113613	F836900060010	114475	43420960	111411	46231760	111148
6930	113630	F836900060060	114475	4382200	111138	46231762	111654
6942	113642	F920901010010	112529	4386883	111138	46231786	110890
		F926900060130	113468	4392831	111138	46231787	112681
		F934900060010	114838	4395131	111035	46305329	113942
		F934900060060	114475	4401806	110365	46406469	110854
1701034	115590	G198902011010	111978	4403045	111289	46406471	110854
1701054	110525	G345900011010	112098	4412894	110812	46406472	110854
1701061	110524	G515900010100	112196	4424346	110912	46406973	111685
1701065	110523	G515900010100	115987	4434084	111035	46407644	111411
1702114	110766	V836673344	113949	4436732	110338	46407646	113537
1702117	111141	X830060011	110641	4447411	110912	46407647	111411
1702118	110113	X830060020	112098	4448694	110812	46407648	111689
1702121	112747	X830060022	112098	4451759	111078	46412678	111413
4159015	113464	X830100001	110536	4456152	111078	46416343	113537
4792491	112747	X830100004	111232	4458618	111078	46417006	112124
		X830100009	111332	4468806	110365	46419297	111411
				4470266	111148	46419321	111689
				4470377	112289	46419332	111420

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>FIAT Continued</b>							
46419392	111420	46763534	113943	4719664	110814	4808519	112097
46420960	111411	46765835	111409	4721587	110882	4808526	112097
46420961	113537	46765836	111409	4721589	110890	4808528	112097
46420962	111689	46765837	113939	4721591	110890	4816170	110999
46420965	111416	46765838	113943	4721592	110890	4844266	111419
46420966	111568	46765839	114123	4721890	112097	4856055	111693
46425518	111568	46769369	113942	4722682	110813	4856056	110814
46428731	111413	46769375	115476	4722724	112097	4919664	110814
46428733	111689	46774413	111568	4728682	110813	4998353	111180
46429594	112382	46774415	112124	4731839	110890	50012833	110912
46430110	111802	46774420	111413	4732241	110532	500345767	114680
46430524	113537	46774429	113987	4732242	110213	500362607	114684
46430527	111413	46774430	113943	4735444	110521	500371244	113247
46430528	113536	46782213	113943	4737754	110521	504033459	113950
46430530	111720	46782218	113338	4737755	110529	504057813	114705
46430533	113939	46782219	113536	4737756	110518	504087183	114705
46430721	113752	46791692	111685	4737757	110520	504204172	115955
46430784	113430	46796553	114123	4737759	110522	504204173	115452
46431710	111620	46797350	110365	4738026	111419	504280010	114306
46431712	112771	46800152	114035	4738563	112097	504280012	114082
46432262	114123	46800157	111411	4738569	112097	504280012	116043
46432301	111585	46800158	111411	4738570	112097	504385577	114196
46432411	111689	46800159	113430	4738571	112097	50500728	114749
46436507	111505	46809068	113336	4738772	112097	5101645	110882
46437413	115476	46813058	113962	4738775	112097	5111319	113381
46437520	114321	46813061	112190	4741669	110812	51217620	111180
46439700	113752	46813062	113536	4741699	110812	51700670	114462
46442777	111568	46813064	113962	4744841	110517	51700675	114462
46445094	111620	46813065	114899	4745930	110814	51709131	113535
46445096	111620	46816029	114899	4750583	110890	51709132	115615
46445102	112719	46816031	113537	4752403	110517	51709133	113718
46445103	111654	46816793	113962	4755108	110521	51714791	113535
46445658	113942	46816971	114035	4755109	110529	51714792	115615
46445660	113939	46816973	113962	4755110	110522	51714794	113718
46446292	112719	46821681	112445	4755111	110518	51718494	115622
46454211	111685	46823540	113987	4755113	110520	51718499	113720
46464276	111416	46823543	113931	4757192	111419	51718499	116064
46465273	110365	46823544	114123	4757193	111419	51718502	115647
46465475	114123	46823545	114123	4757194	111419	51727333	115620
46467694	111687	46823546	113721	4759929	110813	51727335	114451
46468696	111685	468235460	113721	4763995	110521	51727338	114494
46472225	111687	46823547	113722	4765931	111686	51734825	114749
46473784	113430	46823547	115963	4765933	111686	51727335	113536
46475793	112124	46823548	113719	4765934	111686	51754153	114431
46476785	111422	46823548	115869	4780974	110347	51764265	114493
46478945	113430	4682998	110813	4782802	110532	51772325	113962
46516740	115476	4682999	110521	4782803	110213	517273250	113962
46518059	111422	46830212	114321	4784745	110582	51776205	112445
46519138	113537	46835093	114035	4784747	110582	51779086	114054
46522234	112379	46835094	114035	4786023	114446	51779086	115516
46528046	113471	46835095	114451	4786913	112097	51782321	113931
46530060	111411	46841963	112190	4787665	110882	51784845	113722
46532168	111568	46843091	113718	4787668	111686	51784845	115963
46532668	112190	46843092	114123	4787671	111686	51784846	114451
46540293	111416	46843093	114899	4799364	111418	51784847	113721
46542889	113718	4691200	110517	4799364	115873	51784848	115622
46543023	113336	4692477	110521	4800503	111686	51787165	114082
46544329	113943	4692877	110521	4800504	111686	51787196	114706
46548653	113962	4699704	110521	4807373	110813	51787208	113720
46548654	112382	4699705	110529	4807374	110814	51787208	116064
46554402	114899	4701920	110521	4807375	110529	51787209	113722
46554404	113535	4702248	110529	4807376	110522	51787209	115963
46554407	113752	4703751	110529	4807377	110517	51787210	114451
46559015	113537	4706008	110518	4807378	110521	51788658	114806
46737560	112382	4706720	110520	4807379	110518	51788658	115874
46740242	112382	4706931	110517	4808498	110882	51792276	115668
46740243	113939	4710224	110813	4808500	111418	51804744	115312
46748349	112445	4711699	110814	4808500	115873	51805799	113720
46748350	112445	4711700	110882	4808502	111418	51805799	116064
46748351	113430	4712894	110812	4808502	115873	51805800	113722
46748353	113336	47132888	114002	4808503	110890	51805800	115963
46748357	113535	47137534	114002	4808505	110890	51805801	114451
46758240	112436	4713805	110519	4808506	111686	51805803	113721
46758244	111411	4713806	110522	4808507	111418	51805804	115852
46758245	115476	4713807	110812	4808507	115873	51808557	115563
46758246	115615	4715786	112097	4808510	111686	518102660	113719
46763529	112382	4716026	110518	4808511	111686	518102660	115869
46763530	114123	4716062	110518	4808517	111686	51810284	115852
46763533	113943	4717871	112097	4808518	111686	51810307	115400

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
51810308	115399	55192483	113962	71716608	113603	7621040	111025
51812501	113962	55192484	113962	71716609	112480	76221040	111025
51820623	114493	55193355	113962	71716671	112460	7626281	110854
51823860	113719	55193356	113962	71718905	112480	7629272	111654
51823860	115869	55193406	111685	71719595	111070	7631385	112771
51829380	116024	55193407	112445	71719598	111070	7634026	112777
51829383	115346	55195029	113430	71719599	111070	7636428	113471
51832949	114833	55195030	112382	71719600	114460	7636431	113471
51832950	113962	55195211	113931	71719601	111070	7641842	111620
51832951	113962	551952110	113430	71719602	111070	7646189	111620
51832952	113962	55195967	114145	71719603	111070	7646261	111620
51832954	113931	55196400	111422	71719604	111070	7647595	111620
51832956	112445	55201304	112382	71719605	111070	7651074	111148
51832958	114054	55201305	112382	71719606	111070	7651812	112719
51832958	115516	55201360	113962	71719608	114460	7665826	111148
51832959	111685	55201771	114123	71719609	114460	7666135	113846
51833880	112382	55204116	113719	71719943	112460	7666528	112289
51854103	115384	55204116	115869	71719944	113503	7667227	111025
51854901	114493	55353237	113843	71721156	111505	7668988	111585
51854903	114806	55353257	113843	71724236	113719	7689341	112777
51854903	115874	55561503	113843	71724236	115869	7692102	113752
51854905	113721	55564491	114029	71724272	111070	7697863	111620
51854906	115852	55779086	114054	71728811	114460	7697864	111620
51854907	115852	55779086	115516	71732307	113640	7699408	112771
51854909	113720	55832949	114833	71732307	116067	7701840	111654
51854909	116064	55832956	112445	71733552	113640	77028550	110882
51854910	113722	5801526031	114306	71733552	116067	77028560	110814
51854910	115963	5895028	111411	71739718	111123	77040560	110521
51854911	114451	5895033	113537	71739864	113276	77040561	110521
51854912	115346	5920974	110912	71742375	113430	7704356	111687
51854914	114493	5943452	110912	71746669	113430	77050262	110518
51854914	116064	5947366	111078	71746673	113996	77050550	112097
51854915	113722	5947376	111078	71780119	112190	77050561	110517
51854915	115963	5955503	111148	71782363	114460	77050562	110518
51859037	113718	5955504	111148	71786195	113946	77065560	110520
51859038	113535	5955557	111620	71789529	113935	77080560	110517
51859039	115615	5958394	111035	71792597	113931	77080561	110517
51859041	114706	5958395	111035	71794530	113931	77097430	110520
51859042	114462	5958565	111620	73501591	113996	771110410	111078
51859043	115647	5960289	111620	73503235	114204	77110411	111078
51859044	115620	5960292	110912	7533853	111035	7711092	111687
51859047	114899	5962647	110912	7541401	111620	77130560	110520
51859053	113943	5967595	111035	7541569	112455	7713061	112777
51859058	114494	5967596	111035	7541775	110360	7713140	113471
51859061	114706	5968605	112289	7541823	111035	7713141	111036
51859642	113536	5970230	110912	7546342	111078	77138410	110611
51872564	115828	5972197	110912	7546343	111078	77145410	111180
51873926	115312	5972684	110365	7547791	111148	77145430	110338
51874105	115457	5973034	111078	7547935	111620	7715319	111148
51880173	115667	5973035	111078	7548143	111620	7716197	110854
51880175	115667	5976915	110912	7552264	111654	7716766	111619
51880229	113719	5992153	111620	7552284	112719	77175430	110365
51880229	115869	5992155	111620	7552382	111654	77201430	110365
51890631	113962	5997309	111619	7554830	111620	7721141	111138
51890632	113962	5999868	111036	7554832	111620	77250410	111180
51890633	112382	5999869	111036	7554833	111620	7726946	111421
51916168	115312	5999906	111025	7564668	110812	7727484	112455
51929095	115457	60512969	112454	7565244	110882	77305410	111036
51944877	115668	605576460	112773	7565391	111620	77305430	111025
51944878	115384	60620761	111685	7565393	111620	77320410	111035
51984050	113721	60694260	114829	7565395	111620	77323410	110912
51984051	115622	60812535	113942	7565559	111148	77323430	111619
51984055	113722	60812989	113536	7565560	112768	77338410	110912
51984055	115963	60816045	113943	7565832	111621	7733966	112289
51984058	115667	60816046	113942	7575998	110912	77340410	110912
52003506	114493	60816557	113943	7580192	111619	77340411	110912
52003512	115852	60817002	113931	7580207	111035	77347410	113471
52003513	115346	60817038	113536	7580209	111148	77347411	111036
52003518	114451	61227993	110208	7580575	113846	77367411	111035
52003527	114806	6706931	110517	7581975	110360	7737262	111585
52003527	115874	703009641	113721	7588791	111148	77398430	112289
52003533	115615	70699268	111261	7588942	112455	77401410	111148
52003537	115647	71716554	111130	7589005	111421	7740560	110521
52003538	115620	71716562	114460	7589151	111421	77412410	111654
55183906	115360	71716563	114460	75891510	111421	77414430	110521
55185057	114123	71716564	111070	7589547	112289	77414431	110521
55185076	113722	71716565	114460	7589655	112289	77444430	110521
55185076	115963	71716600	112230	7596859	111148	77445430	110521
55192482	113931	71716607	112058	7612952	111025	77452410	111686

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>FIAT Continued</b>							
77503410	111620	992235	111035	1064000	111906	1140694	113708
7750751	111654	9948715	110719	1066407	112121	1140696	113709
77510410	111138	F1VY10346B	112921	1067536	113701	1140757	113905
77510411	111138	K56029574AA	115679	1067621	113701	1140760	111906
77515410	110882	V450DT	113381	1067622	113701	1144182	112142
77515411	110890			1071383	112121	1144185	115762
77515430	110812	<b>FIAT ALLIS</b>		1072156	111909	1144505	113905
77523410	111148	73113742	110801	1072559	111900	1145715	113883
77525410	111148	73119134	110801	1073049	112698	1147432	112429
77563430	110520			1073090	111795	1149703	114162
77603430	112289	<b>FORD</b>		1073093	112290	1151212	113709
77604410	111620	0018882	111906	1073108	112251	1151213	113708
77612430	111066	1001869	112121	1073771	112198	1151214	112142
7765558	111035	1003308	111900	1074633	112325	1151215	111906
77679430	111421	1004565	111906	1076005	111828	1151216	112235
7769840	111568	1004566	111906	1076141	111374	1151641	112821
7770210	113752	1005308	111362	1079312	112142	1151641	115870
7772459	111422	1005351	110891	1085273	111374	1151642	111374
7773812	112124	1005370	111289	1085875	112198	1188206	113884
7774480	112780	1005391	111741	1086299	111797	1191213	113708
7774481	112780	1007765	111900	1087280	112340	1197912	113909
7779820	113537	1008795	111131	1088304	113952	1205240	111374
7779821	111505	1008813	112290	1088649	111906	1209193	113909
7781075	111409	1008823	112251	1088650	111906	1211891	113709
7782314	113942	1008826	111131	1090085	111795	1214371	112821
7785449	111422	1008827	111131	1090424	112151	1214371	115870
7796598	111422	1008828	111131	1092115	111906	1215766	112142
7810362	111148	1008831	111131	1092116	111906	1218885	113794
8122161	110534	1008835	112290	1092117	113701	1219711	112142
84141456	115682	1008836	111131	1093471	112251	1221059	112142
87371504	115608	1008838	111030	1095570	112235	1229258	113922
88205005	110813	1011330	111906	1096338	112821	1229259	113849
88205006	110529	1011331	111906	1096338	115870	1229421	113710
88205018	110519	1012221	111900	1097126	112235	1229424	115543
88206020	112097	1012395	111900	1097304	112143	1229425	112290
8961386	110520	1012459	113885	1097305	111795	1229427	113908
8962534	110520	1015821	112121	1098747	113952	1229427	116062
9150475180	111066	1017500	111797	1100711	112079	1231963	113911
9151139080	111066	1018818	111988	1100712	112002	1232324	113908
95681447	113959	1018882	111906	1100712	114797	1233234	116062
9603503580	111070	1018883	111906	1104931	112939	1233277	113909
9609313280	110584	1019852	113701	1104965	112235	1237323	111906
9610601580	112299	1020508	113701	1104987	112151	1250901	112235
9611366880	112298	1021198	113920	1105310	112251	1251700	113906
9612259680	112292	1021397	112151	1107016	112235	1253624	112002
9613015980	111130	1024508	112251	1107444	112325	1253624	114797
9613230280	111130	1024864	112151	1107446	112121	1253808	114092
9616862980	112299	1025547	113833	1110413	112002	1254222	113908
9617842980	113485	1027300	112290	1110413	114797	1254222	116062
9619310280	111130	1027772	113701	1111210	112429	1255711	113849
9619333080	112299	1027928	112251	111364	111364	1255712	113922
9621791480	112460	1029405	111900	1116389	111906	1256552	113978
9622410680	113503	1030151	111680	1117829	114066	1300504	113906
9624291480	111070	1031134	112151	1118206	113884	1301377	112142
9625382580	111130	1031896	111477	1118336	112290	1301496	112143
9625382680	114460	1031898	111988	1120211	113709	1301511	111795
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9629473280	113443	1032333	113833	1120214	113794	1302007	114250
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9649611280	113946	1059564	111900	1140110	112821	1352430	115579
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9655249280	112298	1061269	111906	1140111	113794	1361258	111795
9658144780	113959	1061271	111906	1140135	113912	1361259	114009
9659918080	113958	1061458	112235	1140136	114128	1365666	112235
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98490186	111498	1063999	111906	1140139	114129	1366986	113906

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1367529	111374	1483817	113905	1684713	114805	1S7U11000AG	113794
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1368970	116062	1485514	110759	1685793	114724	1S7U11000BA	115870
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1372739	113959	1502880	113905	1704769	114724	1S7U11000BC	112821
1373810	112235	1504563	110178	1705484	115615	1S7U11000BC	115870
1374049	114315	1506299	114866	1707062	113922	1S7U11000AA	113794
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1376305	113911	1507007	110759	1707507	116062	1X4310300CB	115787
1376501	114724	1511220	114009	1708322	113849	1X4U11000AA	111374
1379699	115417	1516986	110482	1708472	114009	2032603	114724
1379701	115434	1525794	113906	1709189	113959	2033247	115684
1379702	113906	1525795	115641	1712779	113958	2C1T10300AB	113298
1379703	115641	1526103	110465	1715211	115684	2C1T10300BA	113913
1385378	113959	1529431	115405	1715776	115312	2C1T10300BB	113913
1385784	113911	1530298	114065	1719535	115620	2C1T10300AA	113298
1386127	113909	1530299	113978	1719539	114706	2C3U10300BB	113285
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1387062	115870	1535294	115750	1726802	113962	2M5T10300AC	112142
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1387219	115750	1535628	111906	1732742	111906	2M5T10300AA	112142
1387927	114724	1537179	110178	1734633	113905	2M5T10300AB	113912
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1404791	113958	1541002	112821	1745176	115986	2S6T10300BB	114128
1404792	114064	1541002	115870	1747017	114064	2S6T10300BC	114128
1416205	111131	1542468	113962	1747021	113958	2S6T10300CB	114129
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1416234	111906	1551240	112821	1778016	115684	2S6T10300DB	114129
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1426014	114009	1552432	115870	1831218	113906	2S6T10300DE	114129
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1450653	112821	1572736	113958	1L8U10300AB	112958	2S6U11000DB	114162
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1464755	113883	1581843	113958	1L8Z10346AB	112958	2S6U11000EC	113905
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1464784	113710	1596530	112251	1M5T10300BB	112142	2S7T10300BB	114757
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1464788	113912	1620918	112747	1M5T10300BD	112142	2S7T11000AB	111374
1465010	113794	1624968	110465	1S4U11000AB	114119	2S7T11000AC	111374
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1465173	113710	1638241	111131	1S7T10300BA	113709	2S7T11000DA	112821
1469391	115417	1638242	111131	1S7T10300BB	113709	2S7T11000DA	115870
1469712	113908	1638243	110842	1S7T10300BC	113709	2S7T11000DB	112821
1469712	116062	1644028	112290	1S7T10300BD	113709	2S7T11000DB	115870
1469721	113911	1644666	111131	1S7T10300BE	113709	2S7T11000DC	112821
1473072	111906	1644667	111131	1S7T10300CA	113708	2S7T11000DC	115870
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1477973	113910	1668894	115890	1S7T10300DE	113709	2T1U10300AB	113710
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1478187	113710	1671579	114092	1S7TT10300CC	113708	2T1U10300AF	113710
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1478331	112235	1673521	113535	1S7U11000AC	113794	2T1U10300AH	113710
1478608	113709	1676842	113922	1S7U11000AD	113794	2T1U10300AK	113710
1479818	113883	1676843	113849	1S7U11000AE	113794	2T1U10300AL	113710
1480550	114092	1678608	114805	1S7U11000AF	113794	2T1U10300AM	113710

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.





Cross reference list

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>FORD</b> <i>Continued</i>							
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2T1U10300BD	113710	3N1110300AF	114009	5003643	110461	5027848	111623
2T1U10300BE	113710	3N1110300AG	114009	5003897	110178	5027848	111742
2T1U10300CA	113710	3N1110300AA	114009	5003898	111289	5027848	1115890
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2T1U10300CE	113710	3S6T10300AB	113912	5007074	111086	5029902	1115890
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31288154	113922	3S7T11000AB	113909	5007083	111131	5030668	111754
3238665	110231	3S7T11000AC	113909	5007089	111131	5029866	113710
3395461	111315	3S7T11000AD	113909	5008989	111362	5128967	113710
3465426	111317	3S7T11000AE	113909	5010556	111184	5190803	114128
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3601369	113702	4022223	112340	5011974	111364	5L8T11000AC	111374
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3M5T10300LA	114065	4374448	113710	5022265	111364	6157855	111131
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3M5T10300LD	114065	4443760	113910	5022455	111131	6157858	111131
3M5T10300NB	114083	4461712	113913	5023431	112290	6157859	111131
3M5T10300NC	114083	4509615	112821	5023517	111289	6157860	111131
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3M5T10300PC	113922	4520765	115870	5023529	111364	6157863	111131
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3M5T10300SC	114810	4529404	115870	5023531	110891	6157874	111131
3M5T10300SD	114810	4531025	113710	5023549	110867	6157876	111131
3M5T10300UA	115700	4531026	113710	5023550	111131	6157877	111030
3M5T10300VA	113978	4587107	113906	5023551	111131	6158978	112290
3M5T10300VB	113978	4635595	113906	5023587	112290	6159272	111364
3M5T10300VC	113978	4727857	113906	5023593	112290	6159682	111364
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3M5T11000DC	113911	4S5T10300AC	115659	5027803	111131	6504744	111131
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3N1110300AC	114009	4X4U11000AB	111374	5027807	111131	6667965	111131

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
6683311	112290	6L8T11000AA	111374	77FB10300KA	111289	83AB10300AA	111289
6686130	112235	6M2110346CA	113884	77FB10300KB	111086	83BB10300DA	111289
6686132	112235	6M3410300AB	112352	78AB11000CA	110336	83BB10300DB	111289
6686135	112340	6M5T10300SA	115606	78FB10300AB	111289	83BB10300DC	111289
6694981	112325	6S4T11000AA	113906	78FB10300BA	111289	83BB10300EA	111289
6729337	112151	7003145	112290	78FB10300BB	111289	83BB10300HA	111362
6775699	112235	7003146	112290	78FB10300BC	111289	83BB11000AB	110336
6775701	112235	702000150	110462	78FB10300AA	111289	83BB11000BA	110831
6775702	112235	7041784	111374	78FB10346AB	111289	83BB11000BB	110831
6775703	112235	7066376	112151	78GB10300HA	111086	83BB11000DA	110831
6775704	112340	7085852	111030	78GB10300HB	111086	83BB11000EA	110831
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6816674	111131	715F10300BB	111289	78GB10300JB	111086	83BB11000FA	110336
6816675	111131	715F11000MA	110461	78GB10300JC	111086	83BB11000FB	110336
6816676	111131	7177333	112235	78GB10300JD	111086	83BB11000AA	110336
6816677	111131	71AB11001BA	111102	795F11000CA	112251	83BX10300DC	111289
6816678	111750	71BB10300EA	111086	795F11000AA	112251	83DB10346AA	112747
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6996767	112251	71BB11000DA	110336	79AB11000BO	110336	84AB10300AA	111364
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69EB10002CA	110482	71BB11000E2B	110831	79BB10300AB	111289	84AB11000AB	112290
69EB10346AD	110178	71BB11000EA	110831	79BB10300AC	111289	84AB11000AC	112290
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6C1T10300BC	113958	7203201	111477	7C1911000AB	113959	84BB10300AA	111364
6C1T10300BD	113958	7203211	112166	7G9N10300EA	115365	84FB10300KA	111289
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6C1T10300CC	114064	7275999	111293	7GN10300EA	115365	84FB10300MB	111289
6C1T10300CD	114064	72GB10300LA	110759	7H1211002AB	113959	84FB10300AA	111364
6C1T11000AB	113959	72GB10300LB	110759	7H1211002AC	113959	84FB10300AAA	111364
6C1T11000AC	113959	72GB10300MA	111086	80BB10300DA	110759	84FB10300AAB	111364
6C1T11000AD	113959	72GB10300MB	111086	80BB10300DB	110759	85AB11000BA	111131
6C1T11000AE	113959	72GB10300NA	111289	80BB10300FA	111086	85BB10300DA	111362
6C1T11000AF	113959	72GB10300RA	111289	80BB10300FB	111086	85BB10300EA	111289
6C1T11000AA	113959	7302659	111623	81866002	112074	85BB10300GA	111364
6C2T11000A	113703	7302659	115890	81AB10300ABA	111289	85BX10300EA	111289
6C2T11000AA	113703	7308194	111427	81AB10300AC	111289	85FB10300BA	111289
6C2Z11002A	113703	7308195	112151	81AB10300ADA	111289	85GB11000BA	111030
6G9N10300ABA	115417	7312901	112698	81AB10300BA	111289	85GB11000CA	111030
6G9N10300ABB	115417	7352057	112325	81AB10300CA	111289	85GB11000FA	110831
6G9N10300ABC	115417	7355509	112680	81AB10300CB	111289	864F10300EA	111364
6G9N10300HA	115434	7361230	112709	81AB10300CA	111289	864F10300FD	111754
6G9N10300HB	115434	7361233	113885	81AB10300DA	111289	864F10300FE	111754
6G9N10300HC	115434	73AB11000AA	110336	81AB10300EA	111289	864F10K359AB	111754
6G9N10300HD	115434	73BB11000B2A	110831	81AB10300FA	111289	864F10K359AF	111754
6G9N10300JB	115412	73GB11000BA	110336	81AB10300AA	111289	864F10K359F	111754
6G9N10300JD	115412	7412672	112290	81AB10300AAA	111289	864F10K359FC	111754
6G9N10300UA	114898	74DB10436A	110178	81BB10300BO	110336	864F10K359FD	111754
6G9N10300UB	114898	74EB10300FA	111289	81BB10300EA	111086	864F10K359FE	111754
6G9N10300UC	114898	74EB10300FB	111289	81BB11000AA	111750	864F10K359FE	111754
6G9N10300UD	114898	74EB10300HB	111289	81DB10300BA	113574	864F10K359G	111754
6G9N10300UE	114898	755F11000AB	110461	81DB10300BB	113574	864F10K359GD	111754
6G9N10300XA	114724	755F11000BB	112251	81GB10300AA	111289	864F10K359GL	111754
6G9N10300XB	114724	755F11000AA	110461	82005342	112074	864FX10K359FE	111754
6G9N10300XC	114724	75AB10300MA	111086	82005343	113968	8666580	115460
6G9N10300YC	115671	75AB11000A2A	110336	82007917	112074	86AB10300AB	111289
6G9N11000AB	113906	75AB11000A2B	110336	82013922	112074	86AB10300ABA	111289
6G9N11000CC	114746	75AB11000B1A	110336	82013923	113968	86AB10300AC	111289
6G9N11000CD	114746	75AB11000B2A	110336	825F10300B2	111289	86AB10300ACA	111289
6G9N11000EA	114092	75AB11000BA	110336	825F10300B2A	111289	86AB10300ADA	111364
6G9N11000EB	114092	75AB11000AA	110336	82BB10300GA	111364	86AB10300DA	110179
6G9N11000EC	114092	75EB10300EA	111289	82BB10300HA	111289	86AB10300DB	111289
6G9N11000FA	113911	76AB11000AA	110336	82DB11000FA	110998	86AB10300EA	111362
6G9N11000GA	115405	76BB10300CA	111289	82FB10300BA	111362	86AB10300EB	111362
6G9N11000GB	115405	76BB10300EA	110178	82FB10300BB	111362	86AB10300MA	110891
6G9N11000GC	115405	76BB10300ED	110178	82FB10300CA	111289	86AB10300MB	110891
6G9N11000JA	115641	76BB10300HA	111289	82FB10300DA	111362	86AB10300NA	110891
6G9N11000JB	115641	76BB10300HB	111289	82GB11000BA	110831	86AB10300NB	110891
6G9N11000KB	113303	76BB10300HD	111289	82GB11000CA	110336	86AB10300OA	111289
6G9N11000LA	115943	76BB10300HO	111289	82HF10300A2A	111086	86AB10300AAA	111176
6G9N11000LB	115943	76BB10300JA	111289	835F11000AB	112251	86AB10346MA	110891
6G9N11000LC	115943	76BB10300JB	111289	835F11000AC	112251	86AB11000A1A	112290
6G9N11000MA	115725	76BB10300KA	111086	835F11000BB	112251	86AB11000A2A	112290
6G9N11000MB	115725	76BB10300KB	111086	835F11000AA	112251	86AB11000AC	110867
6G9N11000NA	115468	76BB10300KD	111086	835FX11000B	112251	86AB11000BA	111131
6G9N11000NB	115468	77FB10300FA	110178	835FX11000BB	112251	86AB11000CA	111131
6G9N11000AA	113906	77FB10300FB	110178	83AB10300AC	111289	86AB11000DA	111131

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>FORD</b> <i>Continued</i>							
86AB11000EA	.....111131	89BB10300KC	.....111741	91BX11000FA	.....111030	93BB11000HBN	.....112235
86AB11000FA	.....111131	89BB10300LA	.....111741	91BX11000FX	.....111030	93BB11000HC	.....112235
86AB11000HA	.....111131	89BB10300LB	.....111741	91BX11000JA	.....111131	93BB11000JA	.....112340
86AB11000JA	.....111131	89BB10300MA	.....111741	91FF10300JA	.....112325	93BB11000JB	.....112340
86AB11000KA	.....111131	89BB10300MB	.....111741	91FF10300JB	.....112325	93BB11000JC	.....112340
86AB11000RA	.....111131	89BX10300HB	.....111741	91FF10300TA	.....111176	93BB11000KA	.....111374
86AB11000SA	.....111131	89BX10300LB	.....111741	91FX10300VA	.....111176	93BB11000KB	.....111374
86AB11000TA	.....111131	89FB11000BA	.....111131	91GB11000AB	.....110842	93BB11000KC	.....111374
86AB11000VA	.....111131	89FB11000CA	.....111131	91GB11000AA	.....110842	93BB11000KD	.....111374
86AB11000AA	.....110867	89FB11000AA	.....111131	91GX11000AB	.....110842	93FF10300AA	.....112325
86AX10300AB	.....111362	89FF10300AB	.....111356	91GX11000AA	.....110842	94GB10300BB	.....111623
86AX10300ADA	.....111364	89FF10300AC	.....111356	924F10300AB	.....111623	94GB10300BB	.....115890
86AX10300DB	.....111362	89FF10300EB	.....111176	924F10300AB	.....111742	954F10300AA	.....111623
86AX10300MB	.....110891	89FF10300EC	.....111176	924F10300AB	.....115890	954F10300AA	.....115890
86AX10300AAA	.....111362	89FF10300GA	.....111356	924F10300AA	.....111623	954F10K300AB	.....111623
86BB10300DB	.....110179	89FF10300GB	.....111356	924F10300AA	.....115890	954F10K300AB	.....115890
86BB11000EA	.....110336	89FF10300JA	.....111176	924F10K359AB	.....111623	954F10K300AA	.....111623
86BB11000SA	.....111030	89FF10300JB	.....111176	924F10K359AB	.....111742	954F10K359AB	.....111623
86FB10300BA	.....111364	89FF10300AA	.....111356	924F10K359AB	.....115890	954F10K359AB	.....115890
86FB10300AA	.....111364	89FX10300EB	.....111176	924F10K359AA	.....111623	954F10K359AA	.....111623
86GB11000CA	.....111131	89FX10300JA	.....111176	924F10K359AA	.....111742	954F10K359AA	.....115890
86GB11000EA	.....111131	89FX11000BA	.....111131	924F10K359AA	.....115890	95AB10300DA	.....112680
86GB11000GA	.....111131	8A031840SB	.....111374	924FX10K359	.....111742	95AB10300DB	.....112680
86GB11000JA	.....110842	8M5T10300PA	.....113922	924FX10K359AA	.....111742	95AB10300DC	.....112680
86GB11000JB	.....110842	8M5T10300PB	.....113922	924X10300AB	.....111623	95AB10300DI	.....112680
86GB11000AA	.....111131	8M5T10300YA	.....113849	924X10300AB	.....111742	95FB11000BB	.....113701
86VB10300A2	.....110770	8M5T10300YB	.....113849	924X10300AB	.....115890	95FB11000BC	.....113701
86VB10300A2A	.....110770	8S4T11000AA	.....113906	92AB10300DC	.....111293	95FB11000BD	.....113701
86VB10300AA	.....110770	8V2110300AB	.....114866	92AB10300DD	.....111293	95FB11000BG	.....113701
870G10300AA	.....111364	8V2110300BB	.....114724	92AB10300FA	.....111293	95FF10300AB	.....112325
873F10300BA	.....110770	8V2111000AB	.....113905	92AB10300FB	.....111293	95FF10300AC	.....112325
87BB10300BA	.....111362	8V2111000AC	.....113905	92AB11000AB	.....111131	95FF10300AD	.....112325
87BB11000BA	.....111131	8V2111000AD	.....113905	92AB11000CA	.....111131	95FF10300AA	.....112325
87BB11000CA	.....111030	8V2111000AE	.....113905	92AB11000CB	.....111131	95GB10300LA	.....112698
87BB11000EA	.....111030	8V2111000BB	.....111906	92AB11000DA	.....111131	95GB10300LB	.....112698
87BB11000EB	.....111030	8V2111000BC	.....111906	92AB11000FA	.....111131	95GB10300MA	.....112698
87BB11000EC	.....111030	8V2111000BD	.....111906	92AB11000FB	.....111131	95GB10300MB	.....112698
87BB11000GA	.....111030	8V2111000BE	.....111906	92AB11000GA	.....111750	95GB11000CA	.....111030
87BB11000JA	.....111030	91AB10300SA	.....111293	92AB11000GB	.....111131	95GB11000EA	.....111030
87BB11000JB	.....111030	91AB11000AB	.....111131	92AB11000HA	.....112290	95GB11000FA	.....111030
87GB11000BA	.....111131	91AB11000BA	.....111131	92AB11000HB	.....112290	95GX11000EA	.....111030
87GB11000BB	.....111131	91AB11000BJ	.....111131	92AB11000JA	.....111750	95VW10300ABA	.....111988
87GB11000CA	.....111131	91AB11000CA	.....111131	92AB11000K	.....111131	95VW10300KA	.....112709
87GB11000CB	.....111131	91AB11000CB	.....111131	92AB11000KA	.....111131	95VW10300KB	.....112709
87GX11000AA	.....110831	91AB11000CC	.....111131	92AB11000AA	.....111131	95VW10300NA	.....111477
87HU10300AA	.....113765	91AB11000DA	.....111131	92AX11000FA	.....111131	95VW10300RA	.....111477
87VB11000AA	.....110831	91AB11000EA	.....111131	92AX11000HA	.....112290	95VW10300SA	.....113885
884F10K359A	.....110607	91AB11000EB	.....110867	92AX11000HB	.....110867	95VW10300AAA	.....111477
884F10K359AB	.....110607	91AB11000FA	.....112290	92AX11000JA	.....111131	95VW11000BA	.....111909
884F10K359GB	.....110607	91AB11000FB	.....112290	92BB11000AA	.....111030	95VW11000BB	.....111909
884F10K359AA	.....110607	91AB11000FD	.....112290	92FB10300FB	.....111293	95VW11000BC	.....111909
884F11000AA	.....112251	91AB11000GA	.....110867	92VB10300AB	.....111741	95VW11000CB	.....111900
894F10300BA	.....110607	91AB11000GB	.....110867	92VB10300BA	.....111741	95VW11000CC	.....111900
894FX10300BA	.....110607	91AB11000HA	.....112290	92VB10300BB	.....111741	95VW11000DA	.....112166
894FX10300AA	.....110607	91AB11000HB	.....112290	93BB10300AB	.....111427	95VW11000EB	.....112286
894X10300AE	.....111623	91AB11000IA	.....111131	93BB10300AC	.....111427	95VW11000EC	.....112286
894X10300AE	.....115890	91AB11000JA	.....111131	93BB10300AD	.....111427	95VW11000GA	.....111900
894X10300BA	.....111754	91AB11000JB	.....111131	93BB10300AE	.....111427	95VW11000GC	.....111900
894X10300AA	.....111623	91AB11000KA	.....111131	93BB10300AF	.....111427	96BB10300AB	.....112939
89821291	.....112074	91AB11000KB	.....111131	93BB10300AG	.....111427	96BB10300BA	.....112939
898821291	.....112074	91AB11000LA	.....111131	93BB10300BC	.....111427	96BB10300BB	.....112939
89AB10300EA	.....111289	91AB11000LB	.....111131	93BB10300CC	.....111427	96BB10300BC	.....112939
89AB10300EB	.....111289	91AB11000PA	.....110867	93BB10300CD	.....111427	96BB10300BD	.....112939
89AB10300GA	.....111289	91AB11000AA	.....111131	93BB10300CE	.....111427	96BB10300BE	.....112939
89AB10300GB	.....111289	91AX10300TA	.....110891	93BB10300FA	.....112151	96BB10300AA	.....112939
89AB10300HA	.....111289	91AX11000AB	.....111131	93BB10300FB	.....112151	96BB11000A3C	.....112235
89AB11000BA	.....112290	91AX11000HA	.....112290	93BB10300FC	.....112151	96BB11000A4B	.....112235
89AB11000CA	.....112290	91AX11000HB	.....112290	93BB10300FD	.....112151	96BB11000AB	.....112235
89AB11000AA	.....110867	91AX11000JA	.....111131	93BB10300FE	.....112151	96BB11000AC	.....112235
89AX10300EA	.....111289	91AX11000JB	.....111131	93BB10300FF	.....112151	96BB11000AA	.....112235
89AX10300HA	.....111289	91AX11000KA	.....111131	93BB10300FG	.....112151	96FB10300DA	.....113447
89BB10300FB	.....111741	91AX11000KB	.....111131	93BB11000BA	.....112340	96FB10300DC	.....113447
89BB10300HA	.....111741	91BB11000DA	.....111030	93BB11000BB	.....112340	96FB10300DD	.....113447
89BB10300HB	.....111741	91BB11000FA	.....111030	93BB11000BAA	.....112340	96FB10300DE	.....113447
89BB10300JA	.....111741	91BB11000FB	.....111030	93BB11000CA	.....112235	96FB11000CB	.....111906
89BB10300JB	.....111741	91BB11000HA	.....111030	93BB11000CB	.....112235	96FB11000CC	.....111906
89BB10300JD	.....111741	91BB11000HB	.....111030	93BB11000DB	.....112235	96FB11000KA	.....111906
89BB10300KA	.....111741	91BB11000JA	.....111131	93BB11000DA	.....112235	96FB11000KB	.....111906
89BB10300KB	.....111741	91BB11000AA	.....111030	93BB11000HB	.....112235	96FB11000KC	.....111906

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
96FB11000KD	111906	98AZ10346EN	112958	C30F11001A	110227	DONN11000A	110462
96FB11000LB	111906	98AZ10346FA	112959	C30F11001B	111224	DONN11000B	110462
96FB11000LC	111906	98BB10300BC	112198	C30Z11002A	110227	DOOF11001A	110226
96FB11000LD	111906	98BB10300BD	112198	C30Z11002C	110224	DOSF10300A	110237
96FB11000MA	113701	98BB10300BE	112198	C3VF11001A	110224	DOTF11001A	110226
96FB11000MB	113701	98BB11000AA	111374	C40F11001A	110227	DOVF11000A	110229
96FB11000MC	113701	98MF10300CA	113952	C40F11001B	110227	DOVF11001A	110229
96FB11000MD	113701	98MF10300CB	113952	C40F11001A	110227	DOZF11001A	110227
96FB11000ME	113701	98MF10300CC	113952	C40F11001B	110224	D12F11001AB	110230
96FF10300DB	112121	98VB10K359AB	111797	C4TF11001B	110226	D12F11001AA	110230
96FF10300DC	112121	98VB10K359BA	111797	C4TZ11002B	110226	D1AF11001A	110228
97AB10300AB	112121	98VB10K359BB	111797	C4VF11001A	110226	D1AF11001AA	110228
97AB10300AC	112121	98VB10K359BC	111797	C4VY11002A	110226	D1AZ11002A	110228
97AB10300AD	112121	98VB11000AB	112251	C4ZF11001A	110227	D1FF11001A	110230
97AB10300AE	112121	98VB11000AB1A	112251	C5AF11001A	110226	D1FF11001AA	110230
97AB10300AA	112121	98VB11000B1A	112251	C5FF11001D	110509	D1FZ11002A	110230
97BB10300BA	112151	98VB11000B3A	112251	C5TF11001A	110224	D1NN11000A	110462
97BB10300BB	112151	98VB11000B3B	112251	C5TF11001B	110227	D20F10300CA	110237
97BB10300BC	112151	98VB11000BA	112251	C5TZ11001A	110224	D20F10300CB	110237
97BB10300BD	112151	98VB11000BBB	112251	C5TZ11002A	110224	D20F10300DB	110237
97BB11000B3D	114119	98VB11000BC	112251	C5TZ11002C	112089	D20F10300EB	110237
97BB11000BA	112290	98VB11000AA	112251	C5TZ11002D	110224	D20F10300GA	110238
97BB11000BB	112290	98VN10300CA	112079	C6AF11001A	110226	D20F10300AA	110238
97BB11000BC	112290	98VP10K359BA	111797	C6AZ11002A	110226	D20F10346BA	110238
97BB11000BD	112290	98VP10K359BB	111797	C6FF11001	110509	D20F11001BA	110226
97KB10300AB	113833	98VW10300CA	112079	C6FF11001B	110509	D20F11001AA	110226
97KB10300AA	113833	98VW10300EA	112002	C6FF11001D	110509	D20Z10346B	110238
97KB11000AB	111680	98VW10300EA	114797	C6NF11000A	110462	D22F10300AB	110238
97KB11000AC	111680	9S5110346AB	114462	C6TF11000A	112089	D22F10300BA	110237
97KB11000AA	113701	9S5110346BA	113535	C6TF11000C	112089	D22F10300AA	110238
97VB11000AB	112251	9S5110346BB	113535	C6TZ11002E	112089	D22F10346BB	110238
97VB11000AC	112251	9S5110346HA	115615	C6VF11001A	110226	D22F11001A	110230
97VB11000AA	112251	9S5110000AB	113962	C6VF11002A	110226	D22F11001AB	110230
97VW10300EA	111828	9S5111000AA	113962	C6VY11002A	110226	D22F11001AA	110230
97VW11000BA	112286	AC1T10300BA	113958	C6VY11002B	110226	D2AF10300EA	110238
97VW11000BB	112286	AC1T10300BB	113958	C70F11001A	110226	D2AF11001A16C	110228
97VW11000AA	111900	AC1T10300CA	114064	C7AF11001A	110226	D2AF11001BA	110226
98AB10300DB	112143	AC1T10300CB	114064	C7AF11001B	110227	D2AF11001CA	110227
98AB10300DC	112143	AG9T10300BA	114805	C7AF11001C	110226	D2AF11001DA	110224
98AB10300DD	112143	AG9T10300DA	114805	C7AF11001E	110226	D2AF11001EA	110229
98AB10300DE	112143	AG9T10300AA	114805	C7AF11001F	110224	D2AF11001ER	110229
98AB10300DF	112143	AMEF3C11000BA	116049	C7FF11001B	110509	D2AF11001HA	110227
98AB10300DG	112143	AMEV3C11000AA	116052	C7NN11000A	110462	D2AF11001JA	110228
98AB10300DH	112143	AV6N10300GB	114724	C7NN11000B	110462	D2AF11001AA	110228
98AB10300DJ	112143	AV6N10300GC	114724	C70F11001A	110226	D2FF11001AB	110230
98AB10300EB	112958	AV6N11000CA	116049	C7TF11001A	110226	D2FF11001AA	110230
98AB10300FC	112959	AV6N11000GB	115684	C7ZF11001A	110224	D2FZ10346B	110238
98AB10300GC	111795	AV6N11000GC	115684	C8AF11001A	110226	D2NN11000B	110462
98AB10300GD	111795	AV6N11000GD	115684	C8AZ11002A	110226	D20F11001BA	110226
98AB10300GE	111795	AV6N11000GE	115684	C8VF11001A	110229	D20F11001AA	110226
98AB10300GF	111795	BB5T11000BA	113906	C8VF11002A	110229	D2SF10300A	110237
98AB10300GG	111795	BG9T11000AA	113908	C8VY11002A	110229	D2SF10300AB	110237
98AB10300GH	111795	BG9T11000AA	116062	C8VY11002C	110229	D2SF10300AA	110237
98AB10300GJ	111795	BS5110346BA	114706	C9AF11001A	110229	D2TF11001BA	110226
98AB10300GK	111795	BS5110346AA	115620	C9AF11001B	110226	D2TF11001AA	110226
98AB10300GL	111795	BS5111000BA	115400	C9JF11350A	110535	D2VF11001AA	110229
98AB10300GM	111795	BS5111000CA	113962	C9ZF11001A	110227	D2ZF10300AB	110237
98AB10300HA	112142	C0DF11001A	110226	CC1T10300BA	116061	D2ZF10300AC	110237
98AB10300HE	112142	C0DF11001D	110224	CC1T10300BB	116061	D2ZF11001AA	110227
98AB10300JA	112142	C1VF11001D	110224	CC1T10300BC	116061	D30F10300DA	110237
98AB10300JB	112142	C20F11001A	110227	CC1T10300BD	116061	D30F10300FA	110237
98AB10300JC	112142	C20F11001D	110227	CC1T11000AB	113959	D30F10300AA	110238
98AB10300JD	112142	C20F11001E	110227	CC1T11000DA	115986	D30Z11002A	110229
98AB10300JE	112142	C20Z11001A	110227	CC1T11000DB	115986	D32F10300A	110238
98AB10300JF	112142	C20Z11002A	110227	CC1T11000DC	115986	D32F10300BA	110237
98AB10300JG	112142	C20F11001A	110227	CC1T11000DB	116050	D32F10300AA	110238
98AB11000AC	112290	C20F11001B	110227	CV6T11000GA	115555	D3TF11001DA	110229
98AB11000AD	114119	C20F11001C	110227	CV6T11000GB	115555	D3VF10300A	110239
98AB11000AD1	112290	C20F11001D	110227	CV6T11000GC	115555	D3VF10300AB	110239
98AB11000BA	111906	C20F11001E	110227	CV6T11000GD	115555	D3VF10300BA	110239
98AB11000BB	111906	C20Z11002A	110227	CV6T11000GE	115555	D3VF10300AA	110239
98AB11000BC	111906	C20Z11002B	110227	D0AF11001A	110226	D3VF10346A	110239
98AB11000BD	111906	C2VF11001C	110224	D0AF11001B	110227	D3VF10346BA	110239
98AB11000CA	111906	C2VF11002A	110227	D0AF11001C	110224	D3VY10346A	110239
98AB11000CB	111906	C2VY11002A	110224	D0AF11001E	110226	D40F10300A	110237
98AB11000CC	111906	C30F11001A	110227	D0AF11131D	110224	D40F10300EA	110238
98AB11000CD	111906	C30F11001B	110227	D0FF11001B	110509	D40F10300AA	110237
98AB11000AA	112290	C30Z11002B	110227	D0HF10300D	110237	D40F10346DA	110238
98AZ10346EA	112958	C30Z11002C	110226	D0HF10300DA	110237	D40F11001AA	110229

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O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>FORD</b> <i>Continued</i>							
D40Z10346D.....	110238	D7AZ10346A.....	110237	E2HF10346BA.....	113765	E7RY11002A.....	110842
D40Z11002A.....	110227	D7AZ10346B.....	110237	E2HF10346AA.....	113765	E7SF10300FA.....	112835
D42F10300B.....	110237	D7DF10300AA.....	110238	E2HT10300DB.....	113765	E7SF10300HA.....	111252
D42F10300BA.....	110237	D7EF10300BA.....	110238	E2HT10300EB.....	113765	E7SF10300KA.....	112835
D42F10300CA.....	110238	D7EF10300CA.....	110238	E2HT10300FA.....	113765	E7SF10300MA.....	111252
D42F10300EA.....	110237	D7EF10300DA.....	110238	E2HT10300GA.....	113765	E7SU11000AA.....	111183
D42F10300FA.....	110237	D7EF10300AA.....	110238	E2SF11001AA.....	110225	E7TF10300GA.....	112914
D42F11001AB.....	110230	D7NN10300B.....	110170	E2SF11002AA.....	110225	E7TF10300NA.....	110239
D42F11001BA.....	110230	D7NN11000B.....	110462	E2SZ11002A.....	110225	E7ZF10300BA.....	111252
D42F11001AA.....	110230	D7OZ11002A.....	110225	E37F10300AA.....	110238	E7ZF10300DA.....	112835
D47Z10346A.....	110133	D7UF10300AA.....	110238	E37F11001A.....	112963	E7ZF10300EA.....	111252
D4AF11001AA.....	110229	D7VF10346AA.....	110239	E37F11001AA.....	112963	E7ZF10300FA.....	111252
D4AZ11002A.....	110229	D7VZ10346A.....	110239	E3TF10300AB.....	110238	E8DF10300DA.....	110239
D4NN11000B.....	110462	D7ZF10300B.....	110239	E3TF11000AA.....	112267	E8DF10300DE.....	110239
D4OZ11002A.....	110227	D7ZF10300BA.....	110239	E3TF11001AA.....	112267	E8HT11001AA.....	112089
D4TZ11002D.....	110224	D7ZF10300C.....	110239	E3TG11001AA.....	112965	E8HZ11002A.....	112089
D4ZF10300CA.....	110238	D7ZF10300CA.....	110239	E3TU11000AA.....	112267	E8HZ11002HA.....	112089
D4ZF10300AA.....	110238	D7ZF10300DA.....	110238	E3TZ11002A.....	112965	E8PF10346AA.....	112835
D50F10300BA.....	110239	D7ZF10300EA.....	110238	E3TZ11002B.....	112267	E8PZ10346A.....	112835
D50F10300AA.....	110238	D80F11001AA.....	110225	E3TZ11002D.....	112963	E8RY11002A.....	110842
D50F11001BA.....	110227	D8BF10300DA.....	110238	E3TZ11002E.....	112016	E8SF0300BA.....	112835
D50F11001AA.....	110227	D8BF10346A.....	110237	E47F10001AA.....	112016	E8TF10300BA.....	111252
D5AF10300BA.....	110237	D8BF10346C.....	110238	E4DF11001AA.....	112963	E8TF11000AA.....	112267
D5AF10300AA.....	110237	D8BF10346CA.....	110238	E4HT10300AA.....	113765	E8TZ11000AA.....	112267
D5AF11001AB.....	110229	D8BF10346AA.....	110237	E4NN10B376AB.....	111740	E8TZ11002A.....	112267
D5AF11001EA.....	110228	D8BZ10346AA.....	110237	E4TF11000AA.....	112965	E90F11000BA.....	112584
D5AZ11002C.....	110228	D8FF11001A.....	110231	E4TF11001A.....	112965	E90F11000AA.....	112584
D5DF10300AA.....	110238	D8FF11001BA.....	110231	E4TF11001AA.....	112965	E90Y11002A.....	112584
D5FF11001AA.....	110227	D8FF11001AA.....	110231	E4TZ11002A.....	112965	E90Y11002B.....	112584
D5OF10300BA.....	110239	D8NN11000CA.....	110462	E4TZ11002B.....	112267	E92Z10346A.....	110664
D5OF10300CA.....	110238	D8NN11000CB.....	110462	E4TZ11002BRM.....	112267	E9ZT11002A.....	110810
D5OF11001BA.....	110227	D8NN11000CE.....	110462	E52F10300AA.....	110238	E98F11000BA.....	111183
D5OF11001AA.....	110227	D8OF11001AA.....	110225	E5TF11000AA.....	112267	E98F11000AA.....	111183
D5OZ11001AA.....	110227	D8VF10300BA.....	112914	E5TZ11002B.....	112267	E99F10300BA.....	112842
D5TF11001C.....	110229	D8VF10346BA.....	110238	E62F10300CA.....	112835	E9DF10300DA.....	110239
D5TF11001DA.....	110224	D8VF10346CA.....	110238	E6AF10300AF.....	112835	E9HT11001BA.....	113125
D5TF11001AA.....	110224	D8ZF10300BA.....	110237	E6AF10300BA.....	112835	E9HZ11002A.....	113125
D5ZF10300AA.....	110239	D8ZF10300CA.....	110237	E6AF10300AA.....	112835	E9PF10346BA.....	111252
D60F11001AA.....	110227	D8ZF10300AA.....	110237	E6DF10300CA.....	110238	E9PZ10346A.....	112842
D60F11002A.....	110227	D90F10300AA.....	110238	E6DF10346DA.....	110238	E9SF10300BA.....	111252
D60F11002AA.....	110227	D94F10300AA.....	110237	E6DZ10346D.....	110238	E9SF11000AB.....	111183
D6BF11001BA.....	110226	D9BF10300AA.....	112914	E6HT11001CA.....	112089	E9UF10300BA.....	111252
D6DF11002B.....	110226	D9BZ10346A.....	110237	E6HZ11002C.....	112089	E9ZF10300BA.....	112835
D6DZ11002B.....	110226	D9BZ10346C.....	110238	E6HZ11002D.....	112089	EZHT10346EB.....	113765
D6FF11001BA.....	110231	D9DF10300AA.....	110238	E6SF10300BA.....	112835	F0Z211002B.....	110810
D6FF11001AA.....	110231	D9NN11000AA.....	110462	E6SF10300EA.....	110237	F07F10300AB.....	111199
D6FF1100BA.....	110231	D9SF10300AA.....	110237	E6TF10300BA.....	112835	F07F10300AA.....	111199
D6OF11001AA.....	110227	D9TF10300AA.....	110238	E6TF10300CA.....	112835	F07U10300AB.....	111199
D6OZ11002A.....	110227	D9UF10300BA.....	110237	E6TF10300DA.....	112835	F07U10300AC.....	111199
D6PZ11350C.....	110535	D9UF10300DA.....	112927	E6TF10346AA.....	112835	F07U10300AA.....	111199
D6TF11001A.....	110224	D9UF10300EA.....	110238	E6TZ10346A.....	112835	F07U11000BA.....	111844
D6TF11001BA.....	110226	D9VY10346A.....	110237	E6UF10300AA.....	112835	F07U11000AA.....	112030
D6TF11001DA.....	110224	D9VY10346C.....	110238	E6ZF10300CA.....	112835	FOHU10346CA.....	113765
D6TF11001EA.....	110226	D9VY10346D.....	110238	E6ZF10346BA.....	112835	FONN10B376AB.....	111739
D6TF11001AA.....	110226	D9ZF10300BA.....	110238	E6ZZ10346B.....	112835	FONN10B376BB.....	112718
D6TZ11002A.....	110226	D9ZF10300AA.....	110237	E72F10300DA.....	112835	FONN10B376CA.....	112718
D6TZ11002B.....	110226	D9Y11000AA.....	113906	E79F10300BA.....	111252	FONN11000BA.....	112074
D6TZ11002D.....	110224	E18F10300BA.....	110238	E7AF10300AD.....	111252	FONN11000CA.....	112074
D70F10300BA.....	110239	E1AF10300DA.....	110238	E7AF10300BA.....	112835	FONN7H022BA.....	113968
D70F10300CA.....	110238	E1AF11001BA.....	110225	E7AF10300CA.....	112835	FOOU11000AA.....	112584
D70F10300DA.....	110238	E1AF11002B.....	110225	E7AF10300DA.....	112835	FOOY11002A.....	112584
D70F10300EA.....	110238	E1AF11131BA.....	110225	E7DF10300EA.....	110239	FOPZ10346C.....	110238
D70F10300AA.....	110238	E1AZ11002B.....	110225	E7DF10300EB.....	110239	FOPZ10346D.....	110238
D70F10346BA.....	110238	E1BF10300BA.....	110238	E7NN10B376AB.....	111740	FOTU10300EA.....	111252
D70F10346AA.....	110238	E1BF10300CA.....	112914	E7NN10B376BA.....	111740	FOTZ11002A.....	112030
D7OZ10346A.....	110238	E1BF10346CA.....	110238	E7NN10B376BB.....	111740	FOTZ11002B.....	111844
D7OZ10346B.....	110238	E1BZ10346A.....	110238	E7NN10B376AA.....	111740	F1Z211002A.....	110810
D7OZ10346CA.....	110238	E1EF10300HA.....	110237	E7PF10346GA.....	112835	F17U10300AA.....	111199
D7AF10300BA.....	110237	E1FF11001BA.....	110231	E7PF10346LA.....	111252	F17U11000AB.....	113222
D7AF10300CA.....	110237	E1GF10300DA.....	110237	E7PF10346MA.....	111252	F1NN11000AA.....	113968
D7AF10300DA.....	110237	E1TF10300BA.....	110238	E7PF10346PA.....	110238	F1PU10300CA.....	111199
D7AF10300EA.....	110237	E1VF10300A.....	112914	E7PF10346UA.....	112835	F1TZ10346C.....	111199
D7AF10300FA.....	110237	E1VF10300AA.....	112914	E7PF10346ZA.....	111252	F1TZ11002A.....	113222
D7AF10300GA.....	110237	E1ZF10300E.....	110238	E7PZ10346A.....	110238	F1VU10300BB.....	112921
D7AF10300HA.....	110237	E1ZF10300EA.....	110238	E7PZ10346B.....	110238	F1VU10300BC.....	112921
D7AF10300HC.....	110237	E27F10300BA.....	110237	E7PZ10346C.....	111252	F1VY10346B.....	112921
D7AF10300KA.....	110237	E2AF11001DA.....	110224	E7PZ10346E.....	112835	F23U11000AA.....	112584
D7AF10300LA.....	110237	E2BF11001AA.....	112963	E7PZ10346L.....	112835	F23Z11002A.....	112584
D7AF10300AA.....	110237	E2BZ11002A.....	112963	E7PZ10346M.....	111252	F2DU11000BA.....	112584

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
F2DU11000AA	112584	F5UU10300BA	111200	F81U10300EB	112949	GLE105A	110133
F2DZ11002A	112584	F5UU10300AA	111200	F81U11000AB	112608	IS7U11000AB	112821
F2NN10B376AA	112718	F5UZ10346A	111200	F81U11000AC	112608	IS7U11000AB	115870
F2PU10346AF	111200	F65U10300EA	112940	F81U11000AD	112608	IS7U11000AC	112821
F2TU10300AF	111200	F67U10300BA	111199	F81U11000AE	112608	IS7U11000AC	115870
F2TU10346AE	111200	F67U10300AA	111199	F81U11000AA	112608	IS7U11000AD	112821
F2VU11000AC	112592	F68U11000AB	112586	F81Z10346EA	112949	IS7U11000AD	115870
F2VU11000AD	112592	F68U11000AC	112586	F81Z11002A	112608	IS7U11000AE	112821
F2VY11002A	112592	F68U11000BA	112586	F81Z11002AA	112608	IS7U11000AE	115870
F3Z210346B	111315	F68U11000AA	112586	F85U10300AB	111200	IS7U11000AF	112821
F3Z211002B	111311	F68Z11002AB	112586	F85U10300AA	111200	IS7U11000AF	115870
F37U10300AA	111200	F68Z11002BA	112586	F87U11000A1A	112600	R2S7T11000DB	112821
F3AU10300AC	112927	F68Z11002AA	112586	F87U11000A1B	112600	R2S7T11000DB	115870
F3AU10300BA	112927	F6AZ10346AA	112927	F87U11000AA	112600	R72GB10346NA	111289
F3AU10300CA	112932	F6DU10300BB	112944	F87Z11002AA	112600	R835F11000AC	112251
F3AU10346AC	112927	F6DU10300BC	112944	F8AU10300AB	112947	R835F11000BB	112251
F3AZ10346A	112932	F6DU10300BD	112944	F8AU10300AC	112947	R835X11000AC	112251
F3DU10300BB	112931	F6DU10300FA	112936	F8AU10300AD	112947	R86AB11000A1A	112290
F3DU11000AA	112584	F6DZ10346B	112944	F8AZ10346AB	112947	R86AB11000A2A	112290
F3DZ10346B	112936	F6LU10300CA	112943	F8DU10300AA	112936	R86AB11000BA	111131
F3DZ11002A	112584	F6LU10300CB	112943	F8DU11000AA	112586	R86AB11000CA	111131
F3HT10300BA	112993	F6LU10300CC	112943	F8DZ11002AA	112586	R86AB11000DA	111131
F3HT10300CA	112993	F6LU10300CD	112943	F8OZ10346CA	112942	R86AB11000EA	111131
F3HT10300HB	112993	F6LY10346A	112943	F8PU10346CA	112936	R86AB11000HA	111131
F3HT10300AA	112993	F6OU10300AB	112942	F8PZ10346CA	112936	R86AB11000JA	111131
F3HT11001DB	112253	F6OU10300AA	112942	F8RU10300BA	114120	R86AX10300AB	111362
F3HT11001DC	112253	F6OY10346AA	112942	F8RU11000AA	113702	R86AX10300OMB	110891
F3HZ10346H	112993	F6PU10300SA	112298	F8ZU10300AA	112993	R86AX10300AAA	111176
F3HZ11001B	112253	F6PU10346SA	112298	FOHU10346FA	113765	R86GB11000CA	111131
F3HZ11002B	112253	F6PU10346AA	112927	FS5111000AA	115312	R86GB11000EA	111131
F3LU11000AA	112592	F6PU10346AAA	112936	GL237	112835	R86GB11000GA	111131
F3PU10346AC	112927	F6PU10346AAE	112936	GL241	112835	R86GB11000JA	111131
F3PU10346CA	112936	F6PZ10346AE	112936	GL241A	112835	R86GB11000JB	111131
F3RZ11002A	112235	F6PZ10346CA	111199	GL246	111252	R86GB11000KA	111131
F3RZ11002B	112340	F6PZ10346LA	111199	GL248	112835	R86GB11000AA	111131
F3RZ11002C	111374	F6PZ10346RA	112940	GL252	111252	R87GB11000CB	111131
F3TU11000AA	112267	F6RU10300AA	112939	GL253	112835	R87GB11000AA	111131
F3UU10300AE	111200	F6RZ10346BB	112939	GL263	111252	R894X10300BA	111754
F3UU10300AF	111200	F6UU10300CA	111200	GL308	111199	R894X10300AA	111754
F3UZ10346A	111200	F6UU10300EA	111200	GL312	112921	R89AB11000CA	112290
F3VU10300AA	112921	F6UU10300EB	111200	GL317	112927	R89AB11000AA	112290
F4DU10300AD	112936	F6UU10300FA	111200	GL329	112931	R89FB11000BA	111131
F4DU10300BA	112936	F6UZ10346VA	111200	GL332	112993	R89FB11000CA	111131
F4DU10300DA	112936	F6VU11000AA	112646	GL344	112933	R89FB11000AA	111131
F4HT10300DA	112993	F6ZU10300BB	112943	GL347	112939	R89FF10300EB	111176
F4HT10300EA	112993	F6ZU10300BC	112943	GL355	112944	R89FF10300EC	111176
F4HT10300FA	112993	F6ZU10300BE	112943	GL356	112943	R89FX10300BA	110607
F4HT10300KA	112993	F6ZU10300BG	112943	GL357	112943	R89FX10300GB	111356
F4HT11001BA	112253	F6ZZ10346B	112943	GL358	112993	R89FX10300AA	111754
F4LU11000AA	112592	F75U11000AB	112646	GL363	112946	R91AB11000AB	111131
F4PU10346BA	112993	F75U11000AC	112646	GL372	112940	R91AB11000FA	112290
F4PU10346D	112936	F75U11000AA	112646	GL384	112942	R91AB11000HA	112290
F4PU10346DA	112936	F75Z11002A	112646	GL385	112939	R91AB11000JA	111131
F4PZ10346B	112933	F75Z11002AA	112646	GL406	112942	R91AB11000JB	111131
F4SU10300AB	112933	F77U10300AB	112946	GL407	112947	R91AB11000KA	111131
F4TZ11002A	112276	F77U10300AD	112946	GL412	112949	R91AB11000KB	111131
F4ZU10300DA	112933	F77U10300BA	111199	GL412RM	112949	R91AB11000AA	111131
F57U10300BA	111199	F77U10300BB	111199	GL416	112939	R91AX11000AB	111131
F57U10300AA	111199	F77Z10346AB	112946	GL423	112946	R91AX11000HB	111131
F5AU10300AA	112932	F7CU10300AB	111199	GL423RM	112946	R91AX11000JB	111131
F5HZ10346A	112993	F7HT11001FA	112253	GL424	112954	R91AX11000KB	111131
F5OU10300FA	112942	F7HT11002FH	112253	GL424RM	112954	R91BB11000JA	111131
F5OU10300FB	112942	F7LU11000BA	112646	GL425	112951	R924X10300AB	111623
F5OU10300FC	112942	F7LU11000AA	112646	GL426	112956	R924X10300AB	115890
F5OY10346A	112942	F7LZ11002B	112646	GL426RM	112956	R924X10300AA	111623
F5PU10346BA	112939	F7LZ11002BA	112646	GL428	112936	R924X10300AA	115890
F5RU10300BA	112939	F7PU11000EA	112603	GL434	112942	R92AB11000FB	111131
F5RU10300BB	112939	F7PU11000KA	111844	GL434RM	112942	R92AB11000HA	112290
F5RU10300BC	112939	F7PZ10346LA	111199	GL452	112944	R92AB11000HB	112290
F5RU10316AA	112151	F7PZ11002EA	112603	GL452RM	112944	R92AX11000HB	111131
F5RU10346BA	112939	F7PZ11002KA	111844	GL455	112959	R92AX11000JB	111131
F5RU10346BC	112939	F7RU11000AA	111730	GL455RM	112959	R93BB10300AE	111427
F5RZ10346B	112939	F7SU11000A1B	111183	GL456	112958	R93BB10300AG	111427
F5RZ10346BB	112939	F7SU11000A2B	111183	GL456RM	112958	R93BB11000AB	112235
F5RZ10346BC	112939	F7SU11000AB	111183	GL462	112958	R93BB11000AC	112235
F5TU11000AB	112276	F7SU11000AA	111183	GL462RM	112958	R93BB11000JB	112340
F5TU11000AD	112276	F7SZ11002AA	111183	GL463	112961	R93BB11000JC	112340
F5TU11000AA	112276	F7UU10300AB	112940	GL481	112939	R93BB11000KC	111374
F5TU11002A	112276	F7UU10300AA	112940	GL520	112842	R93BB11000KD	111374

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>FORD</b> <i>Continued</i>							
R954F10300AA	111742	SA898	111374	YC1U11000AA	112821	<b>HATZ</b>	
R95AB10300DB	112680	SAE762	110842	YC1U11000AA	115870	40000600	112249
R95FF10300AC	112325	SAE770	110810	YC3U11000AA	112608	40000610	111304
R95FF10300AA	112325	SAE781	110810	YF0U10300EA	112944	40099300	111649
R95GB10300MA	112698	SAE792	110810	YF1U10300EB	112944	50195400	114398
R95GB10300MB	112698	SBA185046320	113562	YF1U10300EN	112944	50316401	112034
R95GX11000EA	111030	SBA185086410	111300	YF1Z10346E	112944	50353420	112040
R95VW10300ABA	111988	SBA185086500	111300	YM2110300CA	113884	50353510	114106
R95VW10300KB	112709	SBA185086530	113696	YM2110300AA	112002	50353511	114106
R95VW10300NA	111477	SBA185086551	112177	YM2110300AA	114797	50483500	114276
R95VW10300SA	113885	SBA185086650	112177	YM2111000BA	112429	50495900	113982
R96BB10300BA	112939	U88VG10K359AA	110607	YM2111000BB	112429	50495901	113982
R96FB10300DC	113447	V87VG10300AB	111368	YS1610300CC	113599	50496200	114677
R96FB10300DD	113447	V87VG10300AE	111368	YS4D10300AB	115762	50496201	114677
R96FB11000CC	111906	V87VG10300AA	111368	YS4D10300AC	115762	50497201	114117
R96FB11000KC	111906	V89AB10300AA	111176	YS4D10300AE	115762	<b>HELLA</b>	
R96FB11000KD	111906	V94GB10K359AB	111623	YS4D10300AF	115762	8EA012140-101	115685
R96FB11000KD1	111906	V94GB10K359AB	115890	YS4D10300AG	115762	8EA725962-001	110536
R96FB11000LC	111906	V94GB10K359AC	111623	YS4D10300AH	115762	8EA725963-001	112660
R96FB11000LD	111906	V94GB10K359AC	115890	YS4U11000AB	111906	8EA725965-001	110439
R97AB10300AD	112121	V94GB10K359AD	111623	YS4U11000AD	111906	8EA725966-001	110775
R97AB10300AE	112121	V94GB10K359AD	115890	YS4U11000BA	111906	8EA725967-001	110536
R97KB10300AA	113833	XF2U10300AB	112951	YS4U11000BB	111906	8EA725968-001	110858
R97KB11000AB	113701	XF2U10300BC	112956	YS4U11000DA	112235	8EA725973-001	110524
R97KB11000AC	113701	XF2U10300BD	112956	YS4U11000DB	112235	8EA725974-001	110212
R97KB11000AC1	113701	XF2U10300BE	112956	YS4U11000DC	112235	8EA725978-001	111100
R98AB11000AC	112290	XF2Z10346BA	112956	YS4U11000DD	112235	8EA725981-001	110793
R98AB11000AD	112290	XF2Z10346AA	112951	YS4U11000AA	111906	8EA725989-001	110352
R98VB11000B1A	112251	XL2U10300AA	112946	YS6110300BB	112654	8EA725990-001	111054
RV87VG10300AB	111368	XL2Z10346AA	112946	YS6110300BF	112654	8EA726005-001	111055
RV87VX10300AB	111368	XL3U10300CA	111200	YS6110300CA	113599	8EA726012-001	111102
RV94GB10300BB	111623	XL3U10300CB	111200	YS6110300CB	113599	8EA726014-001	110831
RV94GB10300BB	115890	XM3410300BA	112352	YS6110300CC	113599	8EA726019-001	110525
RYC1U11000AF	112821	XM3410300AA	112352	YS6110300DA	114066	8EA726020-001	110368
RYC1U11000AF	115870	XM3411002CA	113702	YS6110300DB	114066	8EA726021-001	111102
SA531	110227	XR3U10300AB	112954	YS6110300DE	114066	8EA726022-001	110206
SA630	110227	XR3U10300AC	112954	YS8Z11002AA	111374	8EA726023-001	110512
SA660	110227	XR3U10300AA	112954	<b>HALLA</b>			
SA660A	110227	XR3Z10346AA	112954	HAB111100	111406	8EA726025-001	110210
SA661	110224	XR8310300BA	115789	HAB160102	111342	8EA726026-001	110462
SA661A	110224	XR8310300BC	115789	HAB170140	111237	8EA726027-001	110565
SA709	110227	XS7U11000AB	112821	HAB170144	110664	8EA726029-001	110814
SA709A	110225	XS7U11000AB	115870	HAB175120	110802	8EA726030-001	110517
SA709B	110225	XS7U11000AE	112821	HAB175120	111309	8EA726031-001	110521
SA712	110224	XS7U11000AE	115870	HAB180101	111317	8EA726032-001	110529
SA732	112963	XS7U11000C3A	112235	HAB180101	111317	8EA726037-001	110862
SA733	110225	XS7U11000C4A	112235	HAB190120	110804	8EA726038-001	111640
SA738	112965	XS7U11000C4A1	112235	HAB190140	111405	8EA726040-001	110996
SA739	112267	XS7U11000CB	112235	HAD155500	110706	8EA726044-001	110864
SA746	112016	XS7U11000CC	112235	HAD165500	110806	8EA726047-001	111010
SA764A	113125	XS9110300AB	112939	HAD165504	111339	8EA726048-001	112289
SA768A	112089	XW7U10300AA	112942	HAD165520	111929	8EA726050-001	110812
SA771	112584	XW7Z10346AA	112942	HSC107100	110158	8EA726052-001	111489
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SA775	112030	YC1T10300BB	113285	HSC109120	110958	8EA726054-001	111059
SA776	111844	YC1T10300BC	113285	HSG120500	110809	8EA726055-001	111060
SA785	113222	YC1T10300BD	113285	HSG120510	110578	8EA726056-001	110865
SA787	112584	YC1T10300BE	113285	HSG232500	110576	8EA726057-001	111061
SA789	112592	YC1T10300BG	113285	HSP112110	110811	8EA726063-001	110585
SA790	112584	YC1T10300BH	113285	HSP112130	111305	8EA726064-001	110838
SA799	112584	YC1T10300BJ	113285	HSP112160	111307	8EA726066-001	110866
SA807	112584	YC1U10300BB	113285	<b>HARLEY DAVIDSON</b>			
SA808	112592	YC1U10300DA	113285	29975-65C	111919	8EA726068-001	111063
SA813	112235	YC1U10300DB	113285	29978-77A	111919	8EA726070-001	110839
SA814	112340	YC1U10300DC	113285	31552-89	111837	8EA726073-001	110867
SA815	111374	YC1U10300DE	113285	31552-89A	111837	8EA726074-001	110587
SA817	112276	YC1U10300EA	113913	31553-94	111839	8EA726075-001	111347
SA832	112586	YC1U10300EB	113913	31553-94	111839	8EA726076-001	110842
SA833	112586	YC1U10300EC	113913	31558-94	114688	8EA726077-001	111269
SA838	112646	YC1U11000AB	112821	31570-73B	111836	8EA726078-001	111030
SA841	111183	YC1U11000AB	115870	31570-73C	111836	8EA726083-001	110530
SA842	112646	YC1U11000AC	112821	31570-73T	111836	8EA726084-001	110465
SA849	112646	YC1U11000AD	112821	31570-89	111837	8EA726085-001	110461
SA853	111844	YC1U11000AE	112821	31570-89A	111837	8EA726086-001	112541
SA855	112603	YC1U11000AE	115870	31618-06	116078	8EA726089-001	110867
SA857	112600	YC1U11000AF	112821	<b>HATTAT TARIM</b>			
SA871	112586	YC1U11000AF	115870	9HT12010A6A	114388	8EA726090-001	111070
SA873	112608	YC1U11000AG	112821	<b>STARTERS &amp; ALTERNATORS</b>			
SA885	112603	YC1U11000AG	115870	O.E.M. names and numbers are used for reference purposes only.			

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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8EA726101-001	111114	8EA726255-001	110207	8EA730200-001	112295	8EA731762-001	111001
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8EA726103-001	111068	8EA726399-001	110144	8EA730204-001	111231	8EA731768-001	111750
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8EA726108-001	111851	8EA726403-001	110280	8EA730211-001	110450	8EA731778-001	113750
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8EA726116-001	111118	8EA726413-001	110260	8EA730216-001	110566	8EA731782-001	112553
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8EA726121-001	111070	8EA726424-001	110421	8EA730222-001	111755	8EA731789-001	111023
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8EA726181-001	111694	8EA726509-001	110713	8EA730286-001	110568	8EA732683-001	110602
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8EA726208-001	110854	8EA726545-001	111277	8EA730303-001	110999	8EA732856-001	111000
8EA726211-001	111865	8EA726552-001	111387	8EA730305-001	110604	8EA732857-001	111049
8EA726212-001	113745	8EA730171-001	112131	8EA730307-001	110347	8EA732858-001	111183
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8EA726251-001	110367	8EA730197-001	111251	8EA730341-001	110429	8EA737091-001	110442

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>HELLA</b> <i>Continued</i>							
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8EA737094-001	.....110464	8EA737330-001	.....110218	8EA738251-001	.....113926	8EL725574-001	.....110611
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8EA737103-001	.....113705	8EA737334-001	.....110636	8EA738258-131	.....113937	8EL725580-001	.....111289
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8EA737114-001	.....111550	8EA737351-001	.....111641	8EA738258-211	.....114095	8EL725591-001	.....110913
8EA737116-001	.....113668	8EA737356-001	.....113665	8EA738258-221	.....112373	8EL725592-001	.....111653
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8EL725774-001	112098	8EL725957-001	111086	8EL730032-001	111649	8EL731705-001	112799
8EL725777-001	112744	8EL725958-001	111289	8EL730034-001	111477	8EL731706-001	112800
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8EL725786-001	112162	8EL726079-001	111065	8EL730040-001	110048	8EL731712-001	113471
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8EL725794-001	110899	8EL726261-001	110264	8EL730043-001	110077	8EL731716-001	112806
8EL725798-001	110877	8EL726264-001	110267	8EL730046-001	112757	8EL731717-001	112325
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8EL725872-001	110622	8EL726363-001	110806	8EL730131-001	110805	8EL732707-001	112159
8EL725878-001	112288	8EL726364-001	112531	8EL730132-001	110075	8EL732708-001	112679
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8EL725931-001	112775	8EL730017-001	115890	8EL730169-001	110984	8EL732871-001	111741

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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8EL737001-001	111514	8EL737275-001	112112	8EL737554-001	115482	8EL737710-001	112198
8EL737002-001	113604	8EL737276-001	111510	8EL737555-001	112718	8EL737711-001	112143
8EL737003-001	111426	8EL737277-001	111532	8EL737556-001	111929	8EL737712-001	112199
8EL737006-001	112557	8EL737278-001	111894	8EL737558-001	111963	8EL737713-001	112190
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8EL737065-001	111381	8EL737374-001	112054	8EL737620-001	112067	8EL738211-591	113956
8EL737068-001	111405	8EL737375-001	112128	8EL737624-001	112063	8EL738211-601	113941
8EL737069-001	111406	8EL737380-001	113868	8EL737625-001	112065	8EL738211-621	113955
8EL737071-001	111051	8EL737381-001	113770	8EL737626-001	112075	8EL738211-621	114801
8EL737072-001	112086	8EL737382-001	111353	8EL737630-001	112068	8EL738211-651	115382
8EL737074-001	111598	8EL737404-001	111824	8EL737631-001	112069	8EL738211-661	113904
8EL737077-001	111266	8EL737405-001	111802	8EL737633-001	112076	8EL738211-681	113896
8EL737079-001	110238	8EL737414-001	111384	8EL737634-001	112072	8EL738211-691	114831
8EL737080-001	110937	8EL737423-001	111828	8EL737638-001	112079	8EL738211-721	114673
8EL737142-001	113832	8EL737430-001	111353	8EL737639-001	112058	8EL738211-761	115905
8EL737143-001	113077	8EL737432-001	111820	8EL737641-001	112078	8EL738211-801	113862
8EL737159-001	111478	8EL737436-001	111820	8EL737642-001	112059	8EL738211-821	113863
8EL737161-001	113758	8EL737437-001	111884	8EL737643-001	113754	8EL738211-841	114121
8EL737162-001	112709	8EL737438-001	113577	8EL737644-001	112079	8EL738211-851	115649
8EL737163-001	113885	8EL737439-001	111883	8EL737644-001	114789	8EL738211-861	114857
8EL737165-001	111596	8EL737440-001	111902	8EL737646-001	112073	8EL738211-881	115716
8EL737166-001	111375	8EL737444-001	111719	8EL737646-001	113603	8EL738211-911	114293
8EL737172-001	111587	8EL737445-001	111718	8EL737647-001	112097	8EL738211-921	114898
8EL737173-001	111468	8EL737447-001	111723	8EL737648-001	113405	8EL738211-941	115531
8EL737174-001	111812	8EL737448-001	111722	8EL737649-001	113575	8EL738211-951	115606
8EL737176-001	111480	8EL737452-001	111720	8EL737650-001	112102	8EL738211-961	114768
8EL737178-001	111388	8EL737456-001	111726	8EL737651-001	112098	8EL738212-041	115434
8EL737192-001	113833	8EL737462-001	113631	8EL737652-001	112101	8EL738212-111	115661
8EL737195-001	111886	8EL737466-001	111767	8EL737658-001	110622	8EL738212-121	114884
8EL737197-001	111788	8EL737469-001	112939	8EL737661-001	112189	8EL738212-131	113958
8EL737198-001	111318	8EL737470-001	111797	8EL737662-001	110497	8EL738212-191	114088
8EL737199-001	111318	8EL737472-001	111264	8EL737663-001	110577	8EL738212-201	115858
8EL737200-001	113537	8EL737473-001	111779	8EL737664-001	110968	8EL738212-211	115659
8EL737201-001	111505	8EL737475-001	111756	8EL737665-001	110969	8EL738212-241	114111
8EL737202-001	111893	8EL737482-001	111781	8EL737666-001	110970	8EL738212-251	115859
8EL737204-001	111498	8EL737483-001	111782	8EL737668-001	110972	8EL738212-281	115307
8EL737206-001	113536	8EL737499-001	112193	8EL737671-001	110975	8EL738212-301	114749
8EL737207-001	111413	8EL737507-001	111740	8EL737672-001	110976	8EL738212-311	113883
8EL737209-001	113939	8EL737513-001	111934	8EL737673-001	110977	8EL738212-341	115365
8EL737211-001	112021	8EL737516-001	111978	8EL737674-001	111204	8EL738212-351	114881
8EL737212-001	111397	8EL737518-001	111987	8EL737675-001	112205	8EL738212-361	115369
8EL737213-001	111295	8EL737520-001	112021	8EL737678-001	112144	8EL738212-381	114524
8EL737216-001	111689	8EL737523-001	111960	8EL737679-001	112190	8EL738212-421	114040
8EL737217-001	111888	8EL737524-001	111950	8EL737684-001	112191	8EL738212-431	115708
8EL737218-001	111843	8EL737525-001	111381	8EL737685-001	112720	8EL738212-451	115367
8EL737219-001	111568	8EL737529-001	111795	8EL737688-001	113952	8EL738212-471	114322
8EL737221-001	111507	8EL737535-001	111988	8EL737689-001	112142	8EL738212-481	114512
8EL737222-001	111376	8EL737538-001	111967	8EL737690-001	112193	8EL738212-521	114248

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
8EL738212-601	113899	28100-2624C	114436	LR1100-724	113440	LR135-86C	112270
8EL738212-611	115412	28100-2625	114436	LR1100-724B	113440	LR135-86F	112270
8EL738212-621	114202	28100-2625A	114436	LR1100-724C	113440	LR135-91	112270
8EL738212-631	114806			LR1100-725	111381	LR135-95	112270
8EL738212-631	115874	<b>HITACHI</b>		LR1100-725B	111381	LR135-95B	112270
8EL738212-641	115409	1018294-01	113148	LR1100-725C	111381	LR138-01	110264
8EL738212-651	114666	23300-6J02	113191	LR1110-502	114121	LR140-119	110694
8EL738212-661	114102	23300-6J04	113191	LR1110-502A	114121	LR140-119C	110694
8EL738212-661	116068	31100-W0100	113526	LR1110-502B	114121	LR140-128	110385
8EL738212-671	114292	G113-01A	111919	LR1110-502C	114121	LR140-130	110694
8EL738212-701	114391	GSB107-01	113144	LR1110-502D	114121	LR140-130B	110694
8EL738212-711	114311	GSB107-01A	113144	LR1110-502E	114121	LR140-130P	110694
8EL738212-721	115416	GSB107-04A	113144	LR1110-502F	114121	LR140-132	110264
8EL738212-791	113405	GSB107-04C	113144	LR1110-502G	114121	LR140-133	110264
8EL738212-801	115308	GSB107-06	113145	LR1110-502H	114121	LR140-402	110694
8EL738212-811	114250	GSB107-06B	113147	LR1110-502I	114121	LR140-408	110694
8EL738212-831	114245	GSB107-06E	113145	LR1110-502J	114121	LR140-426	111267
8EL738212-841	114803	GSB107-06F	113145	LR1110-503	114121	LR140-427	111267
8EL738212-851	114099	GSB107-10B	113146	LR1110-503A	114121	LR140-433	111267
8EL738212-881	114811	GSB107-10C	113146	LR1110-503B	114121	LR140-433B	111267
8EL738212-891	114895	LR1100-501	111831	LR1110-503C	114121	LR140-707	113997
8EL738212-901	114704	LR1100-501B	111831	LR1110-503D	114121	LR140-708	113997
8EL738212-931	113972	LR1100-502	112271	LR1110-503E	114121	LR140-708C	113997
8EL738-212-941	114390	LR1100-502A	112271	LR1110-503F	114121	LR140-714	113401
8EL738212-951	114810	LR1100-502B	112271	LR1110-705	111381	LR140-714B	113401
8EL738212-971	114208	LR1100-502C	112271	LR1110-705B	111381	LR140-716	113401
8EL738213-011	115305	LR1100-502D	112271	LR1110-705C	111381	LR140-719	113401
8EL738213-031	114472	LR1100-502E	112271	LR1110-705E	111381	LR140-721	113401
8EL738213-051	114865	LR1100-502F	112271	LR1110-705F	111381	LR140-721B	113401
8EL738213-081	114508	LR1100-502G	112271	LR1110-709	111381	LR140-721C	113401
8EL738213-091	114467	LR1100-502H	112271	LR1110-709B	111381	LR140-721D	113401
8EL738213-101	114011	LR1100-502I	112271	LR1110-710	111381	LR140-721E	113401
8EL738213-121	115366	LR1100-502J	112271	LR1110-710B	111381	LR140-723B	113401
8EL738213-141	114247	LR1100-502K	112271	LR1110-710C	111381	LR140-727	113401
8EL738213-221	114861	LR1100-502L	112271	LR1110-710E	111381	LR150-100	110168
8EL738213-251	115413	LR1100-502M	112271	LR1110-710F	111381	LR150-101	110168
8EL738213-261	114835	LR1100-502MD	112271	LR1110-712	113420	LR150-101B	110168
8EL738213-271	114680	LR1100-502N	112271	LR1110-713	113316	LR150-110	110267
8EL738213-281	115419	LR1100-503	113941	LR1110-713B	113316	LR150-110C	110267
8EL738213-291	114080	LR1100-503A	113941	LR1110-713C	113316	LR150-111	110703
8EL738213-311	114494	LR1100-503B	113941	LR1110-713V	113316	LR150-125	110168
8EL738213-351	114039	LR1100-503C	113941	LR1110-717	113316	LR150-125B	110168
8EL738213-371	114306	LR1100-503D	113941	LR1110-717B	113316	LR150-136	110697
8EL749558-001	114765	LR1100-503E	113941	LR1110-720	111381	LR150-136B	110697
		LR1100-503F	113941	LR1110-723	111381	LR150-136C	110697
<b>HELSELMAN</b>		LR1100-504	112271	LR1110-723B	111381	LR150-136E	110697
12M1TP13	111092	LR1100-504A	112271	LR1110-723C	111381	LR150-151	110703
12MB11M	111092	LR1100-504B	112271	LR1110-723E	111381	LR150-151B	110703
12MB11TWA	111092	LR1100-504C	112271	LR1120-701	112002	LR150-155	110697
12MB12M	111092	LR1100-504D	112271	LR1120-701	114797	LR150-155B	110697
12MB12TWA	111092	LR1100-504E	112271	LR1130-702	113993	LR150-165	110134
12MB1CWA	111092	LR1100-504F	112271	LR1130-702B	113993	LR150-177	110168
12MB1TWA	111092	LR1100-505	112271	LR1130-702C	113993	LR150-189	111364
12MB1WA	111092	LR1100-505A	112271	LR1150-706	114301	LR150-190	110107
24M1TP13	111091	LR1100-505B	112271	LR1150-706B	114301	LR150-191	110107
24MB1TWA	111091	LR1100-505C	112271	LR120-15C	112270	LR150-199	110703
24MB21M	111091	LR1100-505D	112271	LR120-23	113347	LR150-200	110703
24MB21TWA	111091	LR1100-505E	112271	LR135-105	112270	LR150-201	110697
24MB22M	111091	LR1100-507	113956	LR135-107	110264	LR150-201B	110697
24MB22TWA	111091	LR1100-507A	113956	LR135-108	110264	LR150-205	110697
24MD22STWAZ	114858	LR1100-507B	113956	LR135-115	112270	LR150-205B	110697
		LR1100-507C	113956	LR135-116	112270	LR150-31	110168
<b>HINO</b>		LR1100-507D	113956	LR135-118	112270	LR150-35	110168
27040-1752B	114423	LR1100-507E	113956	LR135-124	112270	LR150-36	110168
28100-1090	114337	LR1100-508	113956	LR135-126	112270	LR150-407	110699
28100-1090B	114337	LR1100-508A	113956	LR135-127	112270	LR150-410	110699
28100-1090C	114337	LR1100-508B	113956	LR135-128	112270	LR150-410B	110699
28100-1442	114337	LR1100-508C	113956	LR135-132	110264	LR150-410C	110699
28100-1443	114337	LR1100-508D	113956	LR135-133	110264	LR150-410CA	110699
28100-1542	113130	LR1100-508E	113956	LR135-58	112270	LR150-410F	110699
28100-1542B	113130	LR1100-508F	113956	LR135-58B	112270	LR150-410G	110699
28100-1543	113130	LR1100-703	111381	LR135-61	110264	LR150-419	110699
28100-1645	114345	LR1100-703B	111381	LR135-61B	110264	LR150-419B	110699
28100-1645A	114345	LR1100-709	113373	LR135-70	110264	LR150-419BA	110699
28100-1700	114017	LR1100-709B	113373	LR135-70B	110264	LR150-419F	110699
28100-1700A	114017	LR1100-709C	113373	LR135-74	112270	LR150-419G	110699
28100-1743A	114344	LR1100-711	111381	LR135-74B	112270	LR150-421	111267
28100-1900	113130	LR1100-711B	111381	LR135-86	112270	LR150-421C	111267
28100-2624	114436	LR1100-722	113372	LR135-86B	112270	LR150-425	112086

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>HITACHI</b> <i>Continued</i>							
LR150-425B	112086	LR155-414B	110699	LR170-404C	111692	LR170-738B	110631
LR150-428	110700	LR155-414F	110699	LR170-404E	111692	LR170-738C	110631
LR150-428C	110700	LR155-414G	110699	LR170-407	112093	LR170-738E	110631
LR150-428E	110700	LR160-105	110307	LR170-407B	112093	LR170-739	111266
LR150-428S	110700	LR160-109C	110307	LR170-407E	112093	LR170-739B	111266
LR150-428T	110700	LR160-116	110307	LR170-407S	112093	LR170-746	111704
LR150-430	110701	LR160-120	110307	LR170-407T	112093	LR170-746B	111704
LR150-430C	110701	LR160-121	110307	LR170-408	112093	LR170-746C	111704
LR150-430S	110701	LR160-124	110307	LR170-408B	112093	LR170-746E	111704
LR150-430T	110701	LR160-12B	110260	LR170-408C	112093	LR170-746F	111704
LR150-434	111267	LR160-137	110267	LR170-408S	112093	LR170-746G	111704
LR150-434B	111267	LR160-138	110267	LR170-408T	112093	LR170-746H	111704
LR150-435	110701	LR160-412	110706	LR170-410	113412	LR170-746J	111704
LR150-435S	110701	LR160-412B	110706	LR170-411	111187	LR170-746K	111704
LR150-435T	110701	LR160-412F	110706	LR170-411A	111187	LR170-746M	111704
LR150-441	111267	LR160-412G	110706	LR170-411B	111187	LR170-748	111704
LR150-441B	111267	LR160-412S	110706	LR170-411C	111187	LR170-748B	111704
LR150-441C	111267	LR160-422	110707	LR170-411D	111187	LR170-750	111704
LR150-441E	111267	LR160-422B	110707	LR170-411E	111187	LR170-750B	111704
LR150-442	111267	LR160-426	111316	LR170-411F	111187	LR170-750C	111704
LR150-443S	110700	LR160-426E	111316	LR170-411P	111187	LR170-756	112351
LR150-443T	110700	LR160-426S	111316	LR170-412	112093	LR170-756B	112351
LR150-444	111267	LR160-426T	111316	LR170-412S	112093	LR170-758	111384
LR150-444B	111267	LR160-427	111316	LR170-412T	112093	LR170-760	112673
LR150-448	111267	LR160-427C	111316	LR170-413	112093	LR170-767B	112673
LR150-448B	111267	LR160-427S	111316	LR170-417	111294	LR170-768	113697
LR150-449	111267	LR160-427T	111316	LR170-417B	111294	LR180-03	112375
LR150-449B	111267	LR160-436	111316	LR170-417C	111294	LR180-03A	112375
LR150-449C	111267	LR160-436S	111316	LR170-417D	111294	LR180-03B	112375
LR150-449E	111267	LR160-436T	111316	LR170-417E	111294	LR180-03C	112375
LR150-450B	110699	LR160-437	111316	LR170-417F	111294	LR180-501	111767
LR150-453	111267	LR160-437S	111316	LR170-418	113413	LR180-501B	111767
LR150-453B	111267	LR160-437T	111316	LR170-418B	113413	LR180-501C	111767
LR150-50	110168	LR160-44	110458	LR170-418C	113413	LR180-504	111767
LR150-52	110168	LR160-440	110706	LR170-420	111186	LR180-508	114427
LR150-53	110168	LR160-440F	110706	LR170-420A	111186	LR180-508B	114427
LR150-55	110697	LR160-440G	110706	LR170-420B	111186	LR180-511B	114373
LR150-55B	110697	LR160-441	110706	LR170-421	111692	LR180-512T	114428
LR150-58	110168	LR160-441F	110706	LR170-421B	111692	LR180-719	111264
LR150-64	110703	LR160-446	112228	LR170-427	111186	LR180-725	111264
LR150-66	110168	LR160-446B	112228	LR170-427A	111186	LR180-725B	111264
LR150-67	110168	LR160-446C	112228	LR170-427B	111186	LR180-725C	111264
LR150-715	115432	LR160-446E	112228	LR170-427BA	111186	LR180-725E	111264
LR150-715A	115432	LR160-450	110706	LR170-427C	111186	LR180-736	111264
LR150-78	111267	LR160-502	114802	LR170-502	111294	LR180-736B	111264
LR150-78B	111267	LR160-502B	114802	LR170-502B	111294	LR180-736C	111264
LR150-78C	111267	LR160-502C	114802	LR170-502C	111294	LR180-737B	111264
LR150-78E	111267	LR160-502E	114802	LR170-502P	111294	LR180-737C	111264
LR150-98	110168	LR160-503	114458	LR170-502Q	111294	LR180-741	111726
LR150-98B	110168	LR160-503E	114458	LR170-504	111294	LR180-741B	111726
LR150-98E	110168	LR160-728	113383	LR170-504B	111294	LR180-741C	111726
LR150-99	110168	LR160-728B	113383	LR170-504C	111294	LR180-741H	111726
LR150-99B	110168	LR160-728C	113383	LR170-505	111515	LR180-749	113788
LR155-15	110267	LR160-728E	113383	LR170-505A	111515	LR180-749B	113788
LR155-15B	110267	LR160-728F	113383	LR170-505B	111515	LR180-749C	113788
LR155-15C	110267	LR160-734	112673	LR170-505C	111515	LR180-749E	113788
LR155-16	110706	LR160-734B	112673	LR170-505D	111515	LR180-762	113317
LR155-17	110267	LR160-735B	112671	LR170-505E	111515	LR180-762B	113317
LR155-18	110267	LR160-74	110307	LR170-509	112272	LR180-762C	113317
LR155-20	113793	LR160-743	114209	LR170-509A	112272	LR180-763	114262
LR155-20B	113793	LR160-77	110307	LR170-509B	112272	LR180-766	112067
LR155-23	110703	LR160-78	110307	LR170-509C	112272	LR180-768	113317
LR155-25	110267	LR160-78B	110307	LR170-509D	112272	LR180-769	113317
LR155-29	113793	LR160-82	110458	LR170-509E	112272	LR180-769B	113317
LR155-404	110699	LR160-82B	110458	LR170-509F	112272	LR180-772	114262
LR155-406B	110699	LR160-84	110458	LR170-509G	112272	LR180-772	114262
LR155-407	110699	LR160-84B	110458	LR170-509H	112272	LR190-729	113374
LR155-407B	110699	LR165-707	110632	LR170-511	111515	LR190-729B	113374
LR155-407C	110699	LR165-707B	110632	LR170-511A	111515	LR190-731	113785
LR155-407CA	110699	LR165-708	110631	LR170-511B	111515	LR190-731B	113785
LR155-407F	110699	LR165-708B	110631	LR170-701	112970	LR190-734	112351
LR155-407G	110699	LR165-708C	110631	LR170-701B	112970	LR190-734A	112351
LR155-409	110699	LR165-708E	110631	LR170-701E	112970	LR190-734B	112351
LR155-410	110699	LR165-711	111704	LR170-732	111611	LR190-734C	112351
LR155-410B	110699	LR165-711B	111704	LR170-732B	111611	LR190-734D	112351
LR155-410BA	110699	LR165-714	113697	LR170-732C	111611	LR190-734E	112351
LR155-410F	110699	LR170-401	113412	LR170-734	111266	LR190-734F	112351
LR155-410G	110699	LR170-404	111692	LR170-734B	111266	LR190-734G	112351
LR155-414	110699	LR170-404B	111692	LR170-738	110631	LR190-734H	112351
						LR190-743	113563

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LR190-747	113439	LT135-54	110128	S114-221G	114261	S114-483	113924
LR190-750	113698	LT135-69	110128	S114-221H	114261	S114-483A	113924
LR190-750B	113698	S108-112	112008	S114-221J	114261	S114-501	111010
LR190-752	113787	S108-116	111840	S114-229	110277	S114-501A	111010
LR190-752B	113787	S108-120	112008	S114-229E	110277	S114-505	111452
LR190-752C	113787	S108-41	111836	S114-229F	110277	S114-505A	111452
LR190-752H	113787	S108-61	111840	S114-230	112674	S114-520	111459
LR190-770C	113787	S108-61A	111840	S114-230A	112674	S114-520A	111459
LR220-23	110448	S108-61B	111840	S114-231B	110417	S114-520B	111459
LR220-24	110448	S108-61C	111840	S114-232	110160	S114-523	111608
LR220-26	113416	S108-61D	111840	S114-232A	110160	S114-528	111763
LR225-403	110567	S108-61E	111840	S114-235	110417	S114-528A	111763
LR225-408	111493	S108-61F	111840	S114-235A	110417	S114-530	111459
LR225-408B	111493	S108-61G	111840	S114-235B	110417	S114-533	111459
LR225-408C	111493	S108-80	114675	S114-237	110160	S114-534	111459
LR225-408E	111493	S108-80A	114675	S114-23K	110617	S114-535	111312
LR225-409	111493	S108-80B	114675	S114-244	113924	S114-535A	111312
LR225-409B	111493	S108-94	112008	S114-244A	113924	S114-55	110142
LR225-409E	111493	S108-94A	112008	S114-253	110280	S114-550	110807
LR225-415B	114368	S114-103	110144	S114-253A	110280	S114-550A	110807
LR225-60	110567	S114-103K	110144	S114-253B	110280	S114-553	111059
LR225-65	110567	S114-103L	110144	S114-254	110280	S114-553A	111059
LR225-65B	110567	S114-103M	110144	S114-254A	110280	S114-554	111058
LR225-65C	110567	S114-103N	110144	S114-254B	110280	S114-554A	111058
LR225-65E	110567	S114-103P	110144	S114-254C	110280	S114-566	110249
LR225-65P	110567	S114-105	110575	S114-254D	110280	S114-568	110279
LR225-67	110567	S114-108	110144	S114-254F	110280	S114-568A	110279
LR225-67B	110567	S114-108L	110144	S114-257	113924	S114-569	111312
LR225-67P	110567	S114-108M	110144	S114-257A	113924	S114-569A	111312
LR225-84	113418	S114-116	110485	S114-257B	113924	S114-569B	111312
LR225-84T	113418	S114-120	112008	S114-257C	113924	S114-570	111303
LR225-88	112477	S114-121	110277	S114-257D	113924	S114-570A	111303
LR235-402	111614	S114-121N	110277	S114-257G	113924	S114-570B	111303
LR235-403T	114370	S114-122	110277	S114-257H	113924	S114-570C	111303
LR235-404	111614	S114-134	112296	S114-258	110280	S114-606	110249
LR235-404C	111614	S114-146	113924	S114-258A	110280	S114-606A	110249
LR235-404S	111614	S114-150	110156	S114-258C	110280	S114-606C	110249
LR235-404T	111614	S114-150L	110156	S114-268	110280	S114-614	110249
LR235-405	111614	S114-151	110156	S114-268A	110280	S114-617	111312
LR235-405S	111614	S114-151L	110156	S114-303	111706	S114-617A	111312
LR235-405T	111614	S114-156	110142	S114-303A	111706	S114-625	110417
LR240-401	114426	S114-160	110142	S114-315	110279	S114-630	111312
LR240-405	114366	S114-160A	110142	S114-316	110279	S114-651	112478
LR250-508	114014	S114-160B	110142	S114-319	110278	S114-651A	112478
LR250-508B	114014	S114-160D	110142	S114-320	110278	S114-653	112373
LR250-508C	114014	S114-160E	110142	S114-320A	110278	S114-653A	112373
LR250-517	114782	S114-160F	110142	S114-323	111766	S114-653B	112373
LR250-707C	115630	S114-160G	110142	S114-323A	111766	S114-655	114739
LR260-504B	114014	S114-160H	110142	S114-323B	111766	S114-655A	114739
LT125-06	110128	S114-162	110332	S114-323C	111766	S114-655D	114739
LT125-06B	110128	S114-162A	110332	S114-344	110280	S114-656	113680
LT125-65	110128	S114-162B	110332	S114-348	110277	S114-656A	113680
LT130-72	110128	S114-162D	110332	S114-348A	110277	S114-671A	114867
LT130-72B	110128	S114-163	110142	S114-349	113924	S114-682	114687
LT130-75	110128	S114-163B	110142	S114-349A	113924	S114-70	110332
LT130-81	110128	S114-163E	110142	S114-349B	113924	S114-705	111549
LT130-83	110128	S114-163F	110142	S114-364	110279	S114-705A	111549
LT133-03	110128	S114-164	110156	S114-381	110552	S114-705B	111549
LT133-04	110128	S114-164A	110156	S114-385	111098	S114-705C	111549
LT133-05	110128	S114-170	110144	S114-396	110249	S114-705D	111549
LT133-05B	110128	S114-170B	110144	S114-396D	110249	S114-705E	111549
LT135-13	110128	S114-170E	110144	S114-402	110279	S114-72	110332
LT135-13B	110128	S114-172A	110277	S114-402A	110279	S114-750	111459
LT135-16	110128	S114-172D	110277	S114-414	112478	S114-753	112986
LT135-19	110128	S114-172E	110277	S114-414A	112478	S114-753A	112986
LT135-19B	110128	S114-173	110277	S114-426	110277	S114-753B	112986
LT135-19C	110128	S114-173B	110277	S114-443	112373	S114-753C	112986
LT135-19E	110128	S114-173E	110277	S114-443A	112373	S114-758	111303
LT135-20	110128	S114-173F	110277	S114-450	110485	S114-762	111549
LT135-22	110128	S114-174	110144	S114-461	111023	S114-762A	111549
LT135-24	110128	S114-184	110617	S114-461A	111023	S114-762B	111549
LT135-26	110128	S114-194	112296	S114-461B	111023	S114-766	111459
LT135-30	110128	S114-203	112674	S114-473	111136	S114-766A	111459
LT135-35	110128	S114-206	113924	S114-480	111136	S114-767	111459
LT135-35A	110128	S114-208	110142	S114-480A	111136	S114-769	111312
LT135-35B	110128	S114-220	114261	S114-480B	111136	S114-769A	111312
LT135-35C	110128	S114-221	114261	S114-481	111274	S114-769H	111312
LT135-36	110128	S114-221E	114261	S114-481A	111274	S114-775	111303
LT135-36C	110128	S114-221F	114261	S114-482	111586	S114-775A	111303

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>HITACHI</b> <i>Continued</i>							
S114-780	111452	S114-947A	113962	S13-237	111917	S13-92A	110719
S114-800	111459	S114-948	113962	S13-25	110412	S13-94	112374
S114-800A	111459	S114-949	112382	S13-27	110412	S13-94A	112374
S114-800B	111459	S114-949A	112382	S13-27A	110412	S14-03	112083
S114-800C	111459	S114-954	115361	S13-28	110412	S14-102	114874
S114-801	111382	S114-954B	115361	S13-289	110820	S14-203	111559
S114-801A	111382	S114-955	115341	S13-289A	110820	S14-205	110574
S114-801B	111382	S114-968	115361	S13-294	112374	S14-205A	110574
S114-801C	111382	S114-97	110142	S13-302	111445	S14-210	111559
S114-801D	111382	S12-19	110386	S13-302A	111445	S14-210A	111559
S114-802A	111459	S12-19C	110386	S13-302B	111445	S14-407A	114875
S114-806A	111803	S12-19K	110386	S13-305	110575	S14-407C	114875
S114-808	111690	S12-19KA	110386	S13-305A	110575	S14-410	114526
S114-808A	111690	S12-19KB	110386	S13-307A	110574	S14-410E	114526
S114-808B	111690	S12-38	110719	S13-307A	110574	S14-410F	114526
S114-808C	111690	S12-47	113408	S13-322	112365	S14-412	114482
S114-808D	111690	S12-48	110573	S13-326	112365	S14-412C	114482
S114-815	113408	S12-58	110573	S13-327	110574	S14-412D	114482
S114-815A	113408	S12-63	110386	S13-327A	110574	S14-412E	114482
S114-816	112373	S12-63A	110386	S13-33	110412	S14-412E	114482
S114-816A	112373	S12-63B	110386	S13-332	112374	S14-412F	114482
S114-817	113408	S12-63C	110386	S13-33A	110412	S14-413	114232
S114-817A	113408	S12-68	110386	S13-33B	110412	S14-413	114232
S114-821	114401	S12-68A	110386	S13-34	110719	S210-100	114422
S114-821A	114401	S12-68B	110386	S13-34A	110719	S24-01	113210
S114-827	111549	S12-68C	110386	S13-34A	110719	S24-01B	113210
S114-829	112320	S12-68D	110386	S13-36	110386	S24-01C	113210
S114-829A	112320	S12-73	110565	S13-38A	110386	S24-01D	113210
S114-829B	112320	S12-84	110443	S13-38B	110386	S24-03A	110723
S114-829C	112320	S12-85	110439	S13-40	110719	S24-03B	110723
S114-829D	112320	S12-87	110439	S13-40A	112676	S24-03C	110723
S114-839	111452	S12-89	110820	S13-407	114213	S24-07	111247
S114-844	114763	S12-92	110719	S13-407	114253	S24-13	110723
S114-844A	114763	S13-06	110412	S13-407A	114213	S25-100	110580
S114-850	111534	S13-06A	110412	S13-407A	114253	S25-100A	110580
S114-850A	111534	S13-101	111445	S13-40A	110719	S25-103	110580
S114-850B	111534	S13-102	111445	S13-40B	110719	S25-110	110616
S114-850C	111534	S13-104	110719	S13-45	110719	S25-110A	110616
S114-850D	111534	S13-105	110575	S13-45A	110719	S25-110B	110616
S114-850E	111534	S13-105A	110575	S13-45B	110719	S25-110C	110616
S114-869	112320	S13-105A	110575	S13-46A	110719	S25-110F	110616
S114-87	110142	S13-106	110574	S13-502	111445	S25-110G	110616
S114-875	114308	S13-106A	110574	S13-502A	111445	S25-110K	110616
S114-877	115686	S13-106B	110574	S13-514	112083	S25-110L	110616
S114-877A	115686	S13-106C	110574	S13-527	114032	S25-110M	110616
S114-877B	115686	S13-106E	110574	S13-527A	114032	S25-120	110723
S114-877C	115686	S13-107	111805	S13-527B	114032	S25-120A	110723
S114-87K	110142	S13-107A	111805	S13-551	114764	S25-120A	110723
S114-87M	110142	S13-111	110412	S13-551A	114764	S25-121	111247
S114-883	114281	S13-112	111559	S13-551C	114764	S25-121A	111247
S114-890	111534	S13-112A	111559	S13-553	114032	S25-125	113210
S114-890A	111534	S13-114	111559	S13-555	112083	S25-125A	113210
S114-901	115361	S13-114A	111559	S13-555A	112083	S25-125B	113210
S114-901A	115361	S13-114B	111559	S13-555B	112083	S25-135	110580
S114-901B	115361	S13-118	116085	S13-556	114032	S25-135A	110580
S114-902	115341	S13-118A	116085	S13-556A	114032	S25-156	111558
S114-902A	115341	S13-120A	110573	S13-558	114747	S25-158	113191
S114-902B	115341	S13-120B	110573	S13-559A	114032	S25-158A	113191
S114-902C	115341	S13-122	112365	S13-559B	114032	S25-158B	113191
S114-903	112382	S13-122	112365	S13-61	110462	S25-160	113191
S114-903A	112382	S13-123	110412	S13-61A	110462	S25-162	110616
S114-905	113962	S13-124	112374	S13-63	110719	S25-163	113675
S114-906	113962	S13-126	112365	S13-68	115981	S25-163A	113675
S114-907	113276	S13-126A	112365	S13-68A	115981	S25-163B	113675
S114-907A	113276	S13-127	111805	S13-68C	115981	S25-163C	113675
S114-91	110155	S13-127A	111805	S13-73	110565	S25-163E	113675
S114-91K	110155	S13-127C	111805	S13-73B	110565	S25-163F	113675
S114-92	110332	S13-132	112374	S13-74	110565	S25-163G	113675
S114-922	115341	S13-136	111683	S13-75	110565	S25-164	110616
S114-922A	115341	S13-138	112672	S13-75	110573	S25-164A	110616
S114-925	112320	S13-138A	112672	S13-78	112374	S25-168	113675
S114-925A	112320	S13-160	114098	S13-82	110573	S25-168A	113675
S114-925B	112320	S13-204	112676	S13-82A	110573	S25-171	113675
S114-925C	112320	S13-207	112371	S13-82B	110573	S25-212	110723
S114-938	113962	S13-207A	112371	S13-89	110820	S25-302	113210
S114-939A	115450	S13-207C	112371	S13-89A	110820	S25-303	113210
S114-943	113962	S13-210B	111559	S13-89B	110820	S25-303A	113210
S114-943A	113962	S13-210C	111559	S13-89C	110820	S25-501	113675
S114-947	113962	S13-211	110820	S13-89D	110820	S25-501A	113675
		S13-212	110574	S13-91	111120	S25-501B	113675
		S13-213	110574	S13-91A	111120	S25-501C	113675
				S13-92	110719	S25-505	113675

## STARTERS & ALTERNATORS





O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>HONDA</b> <i>Continued</i>							
DDVDU	115362	586986C91	112989	11.130.233	110587	11.130.598	113466
DDWD8	113732	672901C91	111261	11.130.234	110367	11.130.612	112039
DDWDN	114375	683594C91	110300	11.130.245	110793	11.130.618	113381
DFLEA	110249	711104R92	115428	11.130.248	115423	11.130.619	113467
DR4R6	110312	711104R93	115428	11.130.250	112173	11.130.620	112249
DR4U2	112214	82068EX	110537	11.130.251	115535	11.130.624	110462
DR4U3	113024	A170746	113725	11.130.253	110530	11.130.626	113468
DRDFE	110312	A181873	111888	11.130.254	111001	11.130.627	112074
DRFLO	110312	A187623	111843	11.130.266	111055	11.130.629	110565
DRK1E	111442	E41565	110523	11.130.300	110368	11.130.630	110818
DRL13	111442	M41595	110766	11.130.320	110449	11.130.632	110819
DRLF0	110312	R941520	112747	11.130.321	110338	11.130.642	111070
DS4H1	114226	V941501	110536	11.130.322	110529	11.130.645	115537
DS4HX	113630			11.130.328	110584	11.130.646	112295
DS4R5	114389	<b>ISEKI</b>		11.130.338	110587	11.130.647	110867
DS4R7	114389	6281-100-010-1E	111683	11.130.339	110524	11.130.651	110847
DS4RC	114389	6281-100-010-2F	111683	11.130.346	110585	11.130.659	113968
DS4RD	114389	6281-100-010-2H	111683	11.130.362	110367	11.130.660	116040
DSDEC	113629	6281-100-014-0	114860	11.130.364	110520	11.130.661	111025
DSDH6	115637	6281-200-015-0	114190	11.130.366	110522	11.130.663	111224
DV4DA	115598	6581-200-338	112270	11.130.373	110565	11.130.664	111885
DV4DJ	115598	6581-200-349	112270	11.130.375	110793	11.130.665	112267
DX4R4	111442			11.130.376	110545	11.130.669	111332
MHG016	113821	<b>ISKRA</b>		11.130.378	110866	11.130.670	111332
MHG020	115327	10.130.121	110601	11.130.386	110565	11.130.672	112651
MHG023	115327	10.130.123	110512	11.130.392	111228	11.130.673	113464
MHG025	115627	10.130.141	110439	11.130.395	111068	11.130.676	113356
PEO014	110927	10.130.142	111217	11.130.398	110584	11.130.687	111638
PEO034	110927	10.130.143	111217	11.130.399	110368	11.130.692	110545
		10.130.143	111217	11.130.402	115535	11.130.695	111885
		10.130.172	111100	11.130.403	110529	11.130.697	110522
		10.130.207	111217	11.130.407	110524	11.130.704	111752
		11.103.234	110866	11.130.408	110439	11.130.705	112135
		11.130.003	112651	11.130.409	110640	11.130.706	111332
		11.130.005	110601	11.130.410	110529	11.130.710	114254
		11.130.007	111100	11.130.411	110565	11.130.711	110439
		11.130.010	110524	11.130.412	110525	11.130.716	113443
		11.130.019	115423	11.130.414	110545	11.130.722	111060
		11.130.026	110536	11.130.417	112304	11.130.723	112286
		11.130.029	111068	11.130.418	110587	11.130.728	111982
		11.130.030	112651	11.130.419	110565	11.130.729	113466
		11.130.034	110856	11.130.421	111422	11.130.730	112446
		11.130.041	110206	11.130.432	112039	11.130.732	111304
		11.130.074	110439	11.130.483	111131	11.130.734	114266
		11.130.075	110523	11.130.484	110536	11.130.736	115472
		11.130.076	110565	11.130.487	110365	11.130.739	112442
		11.130.083	110530	11.130.490	110518	11.130.743	110527
		11.130.115	110512	11.130.491	110523	11.130.748	113532
		11.130.116	110537	11.130.492	110521	11.130.762	111755
		11.130.117	110536	11.130.500	110814	11.130.763	111422
		11.130.121	110520	11.130.501	115423	11.130.766	112132
		11.130.123	110814	11.130.503	114265	11.130.769	110461
		11.130.124	110518	11.130.509	110565	11.130.772	111069
		11.130.126	110537	11.130.510	113381	11.130.773	111694
		11.130.127	110640	11.130.519	110338	11.130.775	111749
		11.130.134	110856	11.130.520	110819	11.130.777	110160
		11.130.140	110529	11.130.521	110530	11.130.782	111398
		11.130.141	110523	11.130.525	115423	11.130.783	113346
		11.130.142	111217	11.130.526	110615	11.130.785	114447
		11.130.146	110517	11.130.529	110584	11.130.787	111029
		11.130.151	113464	11.130.531	112249	11.130.790	110585
		11.130.162	110367	11.130.532	111693	11.130.793	111755
		11.130.170	110520	11.130.533	111755	11.130.795	110464
		11.130.172	110523	11.130.534	111755	11.130.807	110565
		11.130.179	110545	11.130.537	111640	11.130.809	110807
		11.130.193	110367	11.130.544	111055	11.130.819	111755
		11.130.194	110439	11.130.551	110536	11.130.820	113532
		11.130.198	110640	11.130.552	110536	11.130.821	110551
		11.130.199	110529	11.130.556	110584	11.130.836	113570
		11.130.200	110565	11.130.558	110839	11.130.841	112071
		11.130.201	110530	11.130.565	112041	11.130.842	112494
		11.130.203	110813	11.130.567	112555	11.130.845	112131
		11.130.208	110585	11.130.569	111755	11.130.854	111748
		11.130.216	110517	11.130.579	110462	11.130.860	111224
		11.130.217	110367	11.130.580	111055	11.130.862	110519
		11.130.218	111068	11.130.582	110585	11.130.872	110565
		11.130.219	110365	11.130.586	110365	11.130.875	115536
		11.130.225	110521	11.130.595	113484	11.130.881	113482
		11.130.229	110525	11.130.596	113465	11.130.885	110368
		11.130.230	110524				



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
11.130.886	110368	11.131.275	113725	11.131.950	114676	11.139.445	111996
11.130.889	111752	11.131.285	111398	11.131.951	111855	11.139.447	112553
11.130.895	112135	11.131.292	114264	11.131.964	114387	11.139.448	113281
11.130.896	112136	11.131.297	113674	11.131.965	115389	11.139.449	112218
11.130.897	110545	11.131.299	115329	11.131.984	114107	11.139.452	110813
11.130.898	111001	11.131.300	113429	11.131.989	114388	11.139.453	110521
11.130.899	115397	11.131.315	114107	11.132.008	114852	11.139.454	110518
11.130.904	110565	11.131.318	113532	11.132.010	112660	11.139.455	110522
11.130.910	111069	11.131.352	114002	11.132.013	115443	11.139.456	113381
11.130.911	111694	11.131.353	114398	11.132.014	115443	11.139.459	112821
11.130.922	114677	11.131.354	115443	11.132.034	115389	11.139.459	115870
11.130.923	113982	11.131.374	111755	11.132.035	114387	11.139.506	110206
11.130.944	113466	11.131.382	115721	11.132.036	114388	11.139.514	110981
11.130.956	111251	11.131.410	114387	11.132.083	114824	11.201.017	111035
11.130.957	113481	11.131.426	113901	11.132.090	114435	11.201.021	110743
11.130.963	111131	11.131.430	114447	11.132.094	114196	11.201.027	110641
11.130.964	110338	11.131.433	115357	11.132.101	113901	11.201.032	110766
11.130.965	110584	11.131.458	113181	11.132.106	114266	11.201.037	111180
11.130.966	111055	11.131.464	114050	11.132.138	114475	11.201.047	110113
11.130.967	110365	11.131.476	112436	11.132.149	114387	11.201.050	110906
11.130.968	111025	11.131.477	112053	11.132.159	110565	11.201.052	110766
11.130.969	111123	11.131.488	115389	11.132.238	115443	11.201.055	112097
11.130.972	110818	11.131.520	114050	11.139.008	110537	11.201.060	111841
11.130.979	112496	11.131.527	114677	11.139.012	110212	11.201.062	113469
11.130.993	112670	11.131.528	113982	11.139.013	110535	11.201.066	110766
11.130.996	112379	11.131.530	114117	11.139.020	110213	11.201.067	110178
11.130.997	113430	11.131.542	113570	11.139.022	112119	11.201.068	111289
11.130.999	114050	11.131.560	112441	11.139.025	110981	11.201.069	110766
11.131.002	112171	11.131.573	115391	11.139.028	110205	11.201.070	110882
11.131.010	111848	11.131.574	115392	11.139.029	110980	11.201.071	112768
11.131.016	111771	11.131.575	115393	11.139.030	111231	11.201.075	112097
11.131.027	114447	11.131.600	113181	11.139.032	110210	11.201.085	111035
11.131.028	114276	11.131.603	110813	11.139.033	111217	11.201.087	110113
11.131.038	112660	11.131.604	113182	11.139.034	110601	11.201.093	111035
11.131.052	112545	11.131.605	114388	11.139.035	110512	11.201.094	112298
11.131.054	111909	11.131.606	114387	11.139.036	110537	11.201.095	110970
11.131.055	111900	11.131.607	114220	11.139.037	110537	11.201.096	110641
11.131.056	113387	11.131.622	111123	11.139.038	110449	11.201.097	111141
11.131.057	112286	11.131.635	110442	11.139.052	110512	11.201.102	111141
11.131.059	114117	11.131.640	114852	11.139.077	111218	11.201.112	110890
11.131.063	113478	11.131.674	115397	11.139.098	111217	11.201.115	111662
11.131.065	111793	11.131.676	113678	11.139.106	110207	11.201.122	111288
11.131.070	110615	11.131.686	114475	11.139.107	112116	11.201.146	112310
11.131.070	114387	11.131.688	115355	11.139.108	111217	11.201.151	110113
11.131.077	114388	11.131.697	114264	11.139.117	110582	11.201.155	110358
11.131.085	113468	11.131.705	112074	11.139.140	110409	11.201.167	111035
11.131.088	111641	11.131.711	114264	11.139.163	112581	11.201.186	110766
11.131.100	112390	11.131.727	113570	11.139.164	111910	11.201.198	111082
11.131.108	113478	11.131.728	113901	11.139.165	112581	11.201.201	110113
11.131.109	111855	11.131.750	113900	11.139.305	111065	11.201.203	111085
11.131.116	113901	11.131.761	114388	11.139.327	112307	11.201.204	111035
11.131.117	113429	11.131.763	114852	11.139.331	112251	11.201.205	111148
11.131.136	113459	11.131.764	110584	11.139.333	113134	11.201.207	111035
11.131.137	112005	11.131.770	112494	11.139.334	112320	11.201.209	112056
11.131.140	115472	11.131.775	114702	11.139.401	112320	11.201.210	111287
11.131.143	111640	11.131.780	114387	11.139.402	111130	11.201.211	111287
11.131.144	113468	11.131.781	114388	11.139.403	111251	11.201.214	113376
11.131.145	115721	11.131.782	115389	11.139.404	110584	11.201.219	112098
11.131.150	114702	11.131.784	114852	11.139.406	111805	11.201.220	110913
11.131.157	112034	11.131.792	114852	11.139.409	111690	11.201.226	110881
11.131.162	110819	11.131.793	114388	11.139.410	112251	11.201.230	112310
11.131.164	112496	11.131.829	111001	11.139.411	112290	11.201.242	110890
11.131.167	113532	11.131.830	114480	11.139.413	111461	11.201.245	111288
11.131.177	111640	11.131.846	112498	11.139.415	111748	11.201.255	111075
11.131.178	112306	11.131.848	114264	11.139.416	111749	11.201.257	111154
11.131.186	113690	11.131.856	115357	11.139.417	112321	11.201.272	110178
11.131.191	114903	11.131.863	114220	11.139.418	111059	11.201.276	113574
11.131.218	114777	11.131.864	114475	11.139.421	113605	11.201.292	112183
11.131.221	113478	11.131.870	115355	11.139.422	113481	11.201.293	110348
11.131.223	113181	11.131.900	114852	11.139.423	112474	11.201.294	110350
11.131.228	114387	11.131.902	113843	11.139.424	112821	11.201.297	111800
11.131.232	114460	11.131.903	113276	11.139.424	115870	11.201.299	111168
11.131.233	113480	11.131.928	111015	11.139.431	113282	11.201.301	111289
11.131.236	113468	11.131.929	113532	11.139.432	111865	11.201.304	112768
11.131.249	114254	11.131.942	114388	11.139.433	111685	11.201.305	111364
11.131.254	114824	11.131.945	115389	11.139.435	111851	11.201.306	110890
11.131.255	115697	11.131.946	114387	11.139.439	111904	11.201.307	110358
11.131.265	115325	11.131.947	114388	11.139.441	113389	11.201.309	113376
11.131.267	112534	11.131.948	113181	11.139.443	113451	11.201.324	111654

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ISKRA Continued</b>							
11.201.327	111686	11.201.584	112056	11.201.913	113474	11.203.186	112529
11.201.328	111686	11.201.585	111418	11.201.925	113610	11.203.191	114469
11.201.329	111686	11.201.585	115873	11.201.926	111800	11.203.198	113999
11.201.331	110913	11.201.586	113470	11.201.927	111168	11.203.204	112062
11.201.332	112112	11.201.587	111356	11.201.928	113376	11.203.205	112021
11.201.334	111654	11.201.590	112162	11.201.929	110105	11.203.215	111631
11.201.336	1110882	11.201.592	110105	11.201.931	112056	11.203.223	112043
11.201.347	111078	11.201.595	111888	11.201.932	111166	11.203.227	112679
11.201.355	111687	11.201.600	112768	11.201.933	112056	11.203.232	112343
11.201.357	111686	11.201.601	110360	11.201.934	113632	11.203.237	112424
11.201.358	111036	11.201.611	111287	11.201.935	111888	11.203.239	111842
11.201.360	110113	11.201.617	110913	11.201.937	111528	11.203.240	111833
11.201.372	110641	11.201.624	111841	11.201.938	110127	11.203.240	116063
11.201.379	112149	11.201.632	110358	11.201.939	113477	11.203.241	111833
11.201.385	1110348	11.201.633	110358	11.201.941	112170	11.203.241	116063
11.201.396	113474	11.201.635	110761	11.201.945	114465	11.203.242	111842
11.201.399	111362	11.201.662	111686	11.201.951	114289	11.203.248	111850
11.201.400	111362	11.201.664	111082	11.201.963	112688	11.203.250	115381
11.201.401	112149	11.201.665	110105	11.201.976	114049	11.203.268	111843
11.201.405	111035	11.201.666	112556	11.201.983	116111	11.203.275	111746
11.201.406	111148	11.201.667	112389	11.201.989	113632	11.203.281	114000
11.201.415	111362	11.201.675	112556	11.201.990	111479	11.203.288	112002
11.201.432	111035	11.201.676	111289	11.201.991	112046	11.203.288	114797
11.201.437	111094	11.201.679	112754	11.201.992	112325	11.203.290	112535
11.201.438	110919	11.201.685	111141	11.201.993	111293	11.203.298	115689
11.201.439	110919	11.201.691	111148	11.201.997	111843	11.203.301	112098
11.201.440	111811	11.201.693	111948	11.203.001	111842	11.203.302	114450
11.201.444	112098	11.201.695	113471	11.203.004	111369	11.203.310	112075
11.201.453	110105	11.201.696	111654	11.203.005	112529	11.203.312	112079
11.201.457	110890	11.201.701	111620	11.203.007	113442	11.203.313	111989
11.201.463	115689	11.201.705	110895	11.203.008	113486	11.203.314	112274
11.201.468	112097	11.201.706	111364	11.203.016	112556	11.203.331	112046
11.201.469	111171	11.201.707	110770	11.203.024	111354	11.203.332	113531
11.201.470	110968	11.201.709	113920	11.203.030	111890	11.203.333	111978
11.201.478	1110881	11.201.710	111528	11.203.033	114049	11.203.337	112480
11.201.479	113470	11.201.711	113533	11.203.042	112718	11.203.340	115343
11.201.485	114077	11.201.713	111093	11.203.043	114110	11.203.350	114868
11.201.493	112162	11.201.716	111364	11.203.051	113949	11.203.363	113999
11.201.496	111085	11.201.717	111361	11.203.054	113485	11.203.368	114868
11.201.498	112191	11.201.723	110127	11.203.057	111318	11.203.369	116023
11.201.499	112098	11.201.727	111843	11.203.060	114289	11.203.383	114671
11.201.500	111662	11.201.728	110770	11.203.061	114464	11.203.388	114049
11.201.501	110641	11.201.729	111368	11.203.062	113768	11.203.389	114192
11.201.502	111662	11.201.732	111093	11.203.063	113768	11.203.390	114289
11.201.503	111740	11.201.735	111036	11.203.064	114110	11.203.391	115309
11.201.504	111740	11.201.738	114513	11.203.065	113949	11.203.393	116111
11.201.507	111662	11.201.744	111354	11.203.078	111884	11.203.396	113738
11.201.511	110881	11.201.746	113477	11.203.079	111899	11.203.397	113768
11.201.512	110881	11.201.749	111170	11.203.080	111820	11.203.398	113768
11.201.514	111686	11.201.754	112299	11.203.085	111842	11.203.399	114464
11.201.519	111833	11.201.757	111833	11.203.087	113529	11.203.404	113470
11.201.519	116063	11.201.757	116063	11.203.088	113529	11.203.405	110881
11.201.522	110895	11.201.759	112170	11.203.094	112298	11.203.415	112098
11.201.523	111321	11.201.764	111364	11.203.097	111355	11.203.416	113631
11.201.525	110113	11.201.765	111325	11.203.098	112556	11.203.423	114671
11.201.528	111086	11.201.769	112230	11.203.099	113610	11.203.433	112698
11.201.529	111287	11.201.783	111180	11.203.100	115851	11.203.434	115608
11.201.531	111289	11.201.784	111649	11.203.102	114767	11.203.440	114772
11.201.532	112744	11.201.789	110163	11.203.103	114004	11.203.443	113967
11.201.534	112299	11.201.790	113768	11.203.106	112183	11.203.452	115436
11.201.536	113500	11.201.800	114840	11.203.107	113991	11.203.458	113503
11.201.545	112149	11.201.801	111834	11.203.110	112194	11.203.461	116023
11.201.554	111325	11.201.810	111355	11.203.111	112273	11.203.462	114868
11.201.555	111419	11.201.811	111368	11.203.113	112539	11.203.468	113771
11.201.557	110766	11.201.824	111176	11.203.114	112530	11.203.470	112460
11.201.566	111289	11.201.830	114514	11.203.115	111883	11.203.476	115436
11.201.570	112736	11.201.832	112112	11.203.116	111902	11.203.493	114896
11.201.571	112768	11.201.853	111226	11.203.119	114004	11.203.494	113529
11.201.572	111289	11.201.868	111629	11.203.124	113999	11.203.502	114767
11.201.573	111289	11.201.875	111843	11.203.129	112679	11.203.512	113640
11.201.574	110766	11.201.881	115848	11.203.139	111833	11.203.512	116067
11.201.576	111738	11.201.889	111352	11.203.139	116063	11.203.523	114671
11.201.577	111738	11.201.890	111176	11.203.151	114470	11.203.564	115777
11.201.578	111355	11.201.895	111833	11.203.155	113738	11.203.565	114808
11.201.579	111289	11.201.895	116063	11.203.164	113489	11.203.569	111898
11.201.580	112056	11.201.898	111477	11.203.165	111353	11.203.573	111631
11.201.581	110891	11.201.902	112343	11.203.167	112529	11.203.631	113771
11.201.582	111148	11.201.903	112747	11.203.175	113967	11.203.632	113772
11.201.583	111166	11.201.908	114081	11.203.181	113986	11.203.655	112747

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
11.203.656	112046	11.204.443	114785	AMJ5632	110429	AZE2204	111685
11.203.660	111843	11.204.454	115971	AMJ5667	112311	AZE2206	111851
11.203.661	115605	11.204.456	114786	AMJ5690	112487	AZE2210	112553
11.203.694	114767	11.204.467	114772	AMJ5705	112573	AZE2211	113281
11.203.702	114767	11.204.484	114450	AMJ5730	113666	AZE2213	115397
11.203.708	113603	11.204.502	114379	AMJ5991	111092	AZE2226	112821
11.203.709	113575	11.204.583	113610	AMT4630	113852	AZE2226	115870
11.203.710	112469	11.204.584	115851	AZAF4569	114387	AZE2502	112304
11.203.714	114450	11.209.001	111369	AZB0101	110338	AZE2507	110839
11.203.719	113999	11.209.002	111477	AZD2108	111123	AZE2521	111070
11.203.720	114469	11.209.003	111186	AZD2119	110584	AZE2522	112295
11.203.726	115970	11.209.004	112165	AZD2125	113843	AZE2523	110867
11.203.729	114896	11.209.006	112151	AZD2126	113276	AZE2525	110847
11.203.730	113621	11.209.011	111514	AZD2127	111015	AZE2534	113443
11.203.734	114228	11.209.012	111732	AZD3508	111055	AZE2536	111060
11.203.739	114698	11.209.017	111797	AZD3513	111130	AZE2537	112286
11.203.741	114698	11.209.020	111426	AZD3514	111251	AZE2540	111069
11.203.812	114772	11.209.402	111186	AZD3515	110584	AZE2541	111694
11.203.819	113837	11.209.403	111186	AZD3517	111690	AZE2543	111749
11.203.822	113621	11.209.407	111426	AZD3519	111748	AZE2545	110160
11.203.823	114896	11.209.410	111797	AZD3520	111059	AZE2548	111029
11.203.825	114228	11.209.415	110895	AZD3522	113605	AZE2558	112131
11.203.826	115682	11.209.416	112803	AZD3523	113481	AZE2563	111748
11.203.828	114808	11.209.417	112159	AZE0201	110338	AZE2573	115397
11.203.870	113999	11.209.420	111886	AZE0303	110856	AZE2577	111069
11.203.871	112460	11.209.421	112561	AZE0304	111068	AZE2578	111694
11.203.882	114228	11.209.422	113448	AZE0305	111100	AZE2605	114677
11.203.888	116111	11.209.424	112271	AZE1202	111422	AZE2606	113982
11.203.905	114868	11.209.429	112654	AZE1203	110585	AZE2617	112171
11.203.911	114787	11.209.431	111795	AZE1209	111251	AZE2623	111909
11.203.921	113510	11.209.434	111834	AZE1210	111131	AZE2624	111900
11.203.923	112457	11.209.435	112757	AZE1211	110338	AZE2625	113387
11.203.940	112458	11.209.436	112345	AZE1212	110584	AZE2626	112286
11.203.943	113248	11.209.438	111987	AZE1213	111055	AZE2634	112005
11.203.950	112471	11.209.439	112720	AZE1214	110365	AZE2636	112034
11.203.970	115971	11.209.440	112197	AZE1215	111025	AZE2640	112306
11.203.998	110127	11.209.441	112416	AZE1216	111123	AZE2642	113480
11.204.006	113640	11.209.442	112561	AZE1225	111641	AZE2645	115697
11.204.006	116067	11.209.443	110882	AZE1227	112390	AZE2649	115329
11.204.021	110175	11.209.445	112076	AZE1230	113690	AZE2662	114677
11.204.022	113245	11.209.446	112453	AZE1241	114117	AZE2663	113982
11.204.026	113919	11.209.447	110117	AZE1244	112218	AZE2665	111904
11.204.037	113768	11.209.448	112302	AZE1501	110338	AZE2668	113678
11.204.040	113738	11.209.454	112427	AZE1502	110584	AZE3506	110367
11.204.050	110881	11.209.454	115871	AZE1507	110584	AZE3512	110367
11.204.052	113470	11.212.001	111466	AZE1511	111422	AZE3513	111068
11.204.054	112046	11.212.066	110429	AZE1515	111131	AZE3514	110365
11.204.067	115970	11.212.100	115628	AZE1516	110365	AZE3517	110367
11.204.069	113716	11.212.107	112573	AZE1520	110338	AZE3521	111070
11.204.073	115970	11.212.108	112311	AZE1521	110584	AZE4101	112251
11.204.098	115436	11.212.169	112487	AZE1522	111055	AZE4102	112290
11.204.115	114772	11.212.212	113666	AZE1523	110584	AZE4112	112053
11.204.116	115899	11.212.416	111092	AZE1526	111055	AZE4140	113389
11.204.159	113999	11.212.417	111091	AZE1528	110365	AZE4142	113451
11.204.160	114471	11.212.450	112575	AZE1531	111025	AZE4144	111996
11.204.163	112460	11.212.609	112573	AZE1540	110807	AZE4150	114388
11.204.172	114698	11.212.610	113666	AZE2101	113481	AZE4151	114387
11.204.174	114228	11.212.619	112318	AZE2105	112496	AZE4166	113901
11.204.175	115682	11.212.622	112317	AZE2110	112379	AZE4170	114388
11.204.187	114192	11.212.957	111092	AZE2111	113430	AZE4172	114387
11.204.215	114772	11.214.057	111466	AZE2113	111848	AZE4173	114388
11.204.233	114228	11.216.117	112573	AZE2117	112545	AZE4175	114388
11.204.239	113999	11.216.191	115628	AZE2138	113459	AZE4197	114388
11.204.240	115381	11.216.257	113666	AZE2141	112496	AZE4199	114387
11.204.244	114767	11.216.273	112574	AZE2147	112307	AZE4201	114388
11.204.252	115343	184452	111231	AZE2150	112320	AZE4202	111855
11.204.254	113949	AKK4322	111978	AZE2151	114460	AZE4207	114387
11.204.255	114767	AME1604	115628	AZE2155	112534	AZE4214	114107
11.204.258	114767	AME1705	115628	AZE2156	115325	AZE4217	112660
11.204.280	114110	AMJ4635	112574	AZE2160	111398	AZE4219	114387
11.204.327	114450	AMJ4636	112575	AZE2165	113674	AZE4220	114388
11.204.337	114767	AMJ4761	112574	AZE2169	112320	AZE4230	113901
11.204.391	113632	AMJ4762	112575	AZE2185	111749	AZE4244	110565
11.204.396	111843	AMJ5175	112573	AZE2186	112321	AZE4527	111065
11.204.405	113531	AMJ5176	113666	AZE2188	112474	AZE4534	113478
11.204.412	115849	AMJ5272	111092	AZE2189	112821	AZE4535	111855
11.204.413	115605	AMJ5511	113666	AZE2189	115870	AZE4540	113901
11.204.424	113707	AMJ5591	111092	AZE2199	113282	AZE4562	112251
11.204.431	113888	AMJ5592	111091	AZE2201	111865	AZE4564	113134

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ISKRA</b> <i>Continued</i>							
AZE4566	113181	AZF4527	113466	AZJ3204	110818	AZJ3518	110523
AZE4579	114107	AZF4535	114050	AZJ3206	110819	AZJ3520	110517
AZE4597	113901	AZF4539	114447	AZJ3211	115537	AZJ3522	113464
AZE4603	113478	AZF4545	114388	AZJ3212	113968	AZJ3525	110545
AZE4620	113478	AZF4553	115721	AZJ3213	116040	AZJ3531	110439
AZE4634	111805	AZF4554	114702	AZJ3215	111224	AZJ3534	110640
AZE4635	111461	AZF4559	113532	AZJ3216	111885	AZJ3535	110529
AZE6509	113181	AZF4562	114903	AZJ3217	112267	AZJ3536	110565
AZE6513	112436	AZF4569	114387	AZJ3218	111332	AZJ3537	110530
AZE6514	112053	AZF4571	114824	AZJ3219	111332	AZJ3538	110813
AZE6526	112441	AZF4576	114264	AZJ3221	112651	AZJ3542	110517
AZE6530	113181	AZF4577	113429	AZJ3222	113464	AZJ3544	110439
AZE6531	110813	AZF4582	113532	AZJ3223	113356	AZJ3546	110521
AZE6544	113900	AZF4591	114002	AZJ3231	111638	AZJ3548	110525
AZE6554	113181	AZF4596	111755	AZJ3234	110545	AZJ3549	110524
AZE6556	114676	AZF4598	115721	AZJ3236	111885	AZJ3552	115423
AZF3509	110367	AZF4611	113429	AZJ3237	110522	AZJ3554	112173
AZF3512	110585	AZF4671	115355	AZJ3242	111752	AZJ3555	115535
AZF3515	110587	AZF4687	114480	AZJ3243	112135	AZJ3556	110530
AZF3518	110793	AZF4697	115355	AZJ3244	111332	AZJ3557	111001
AZF3524	111058	AZF4828	114435	AZJ3247	114254	AZJ3567	110368
AZF3528	110587	AZG4605	111771	AZJ3248	110439	AZJ3582	110529
AZF3531	110585	AZG4629	115443	AZJ3255	111304	AZJ3589	110524
AZF3542	110521	AZG4810	115443	AZJ3256	114266	AZJ3593	110520
AZF3543	110793	AZG4828	115443	AZJ3258	115472	AZJ3594	110522
AZF3545	110866	AZJ0102	115423	AZJ3261	112442	AZJ3598	110565
AZF3547	111228	AZJ0402	110536	AZJ3263	110527	AZJ3599	110545
AZF3549	111068	AZJ0404	110439	AZJ3274	111755	AZK5104	110512
AZF3551	110587	AZJ0405	110565	AZJ3277	112132	AZK5105	110537
AZF3558	110585	AZJ0501	110524	AZJ3279	110461	AZK5106	110537
AZF3566	111398	AZJ0602	112651	AZJ3281	113346	AZK5111	110439
AZF4115	114447	AZJ3105	110565	AZJ3283	111755	AZK5112	111217
AZF4116	115357	AZJ3107	110368	AZJ3284	113532	AZK5113	110601
AZF4122	114050	AZJ3109	115535	AZJ3285	110551	AZK5117	110601
AZF4129	115389	AZJ3110	110529	AZJ3297	111224	AZK5119	110520
AZF4135	114050	AZJ3113	110524	AZJ3299	110519	AZK5133	110449
AZF4146	115391	AZJ3114	110439	AZJ3305	110565	AZK5168	110537
AZF4147	115392	AZJ3115	110640	AZJ3306	115536	AZK5172	110212
AZF4148	115393	AZJ3116	110529	AZJ3310	113482	AZK5173	110535
AZF4155	113182	AZJ3117	110565	AZJ3311	110368	AZK5179	110213
AZF4156	114220	AZJ3118	110525	AZJ3312	110368	AZK5181	112119
AZF4164	114852	AZJ3119	110545	AZJ3314	111752	AZK5184	110981
AZF4178	114475	AZJ3121	110565	AZJ3317	112135	AZK5187	110205
AZF4181	114264	AZJ3123	112039	AZJ3318	112136	AZK5188	110980
AZF4186	114264	AZJ3128	110536	AZJ3319	110545	AZK5189	111231
AZF4190	113570	AZJ3131	110518	AZJ3320	111001	AZK5191	110210
AZF4196	114852	AZJ3132	110523	AZJ3324	110464	AZK5192	111217
AZF4198	112494	AZJ3133	110521	AZJ3330	110565	AZK5193	110601
AZF4199	114702	AZJ3137	110814	AZJ3347	110818	AZK5194	110512
AZF4202	115389	AZJ3138	115423	AZJ3351	112670	AZK5195	110537
AZF4204	115389	AZJ3140	114265	AZJ3364	112660	AZK5196	110537
AZF4206	114852	AZJ3144	110565	AZJ3369	110615	AZK5401	110206
AZF4208	114852	AZJ3145	113381	AZJ3369	114387	AZK5412	110512
AZF4220	111001	AZJ3148	110819	AZJ3374	113468	AZK5431	111218
AZF4224	114264	AZJ3149	110530	AZJ3386	115472	AZK5449	111217
AZF4228	115357	AZJ3150	115423	AZJ3387	111640	AZK5456	112116
AZF4229	114320	AZJ3151	110615	AZJ3388	113468	AZK5457	111217
AZF4230	114220	AZJ3155	112249	AZJ3389	110819	AZK5466	110582
AZF4231	114475	AZJ3156	111693	AZJ3393	111640	AZK5467	113850
AZF4237	112498	AZJ3157	111755	AZJ3402	114777	AZK5487	110409
AZF4248	114852	AZJ3158	111755	AZJ3404	113468	AZK5511	111217
AZF4258	115389	AZJ3160	111640	AZJ3405	114254	AZK5545	110206
AZF4260	115389	AZJ3169	110536	AZJ3413	114398	AZK5553	110981
AZF4269	114852	AZJ3170	110536	AZJ3433	115537	IA0021	110743
AZF4275	115389	AZJ3177	112041	AZJ3447	110442	IA0037	110899
AZF4292	114824	AZJ3179	112555	AZJ3448	112581	IA0037	111035
AZF4295	114196	AZJ3181	111755	AZJ3450	111910	IA0037	111180
AZF4298	114266	AZJ3182	110462	AZJ3452	112581	IA0050	110906
AZF4310	114475	AZJ3186	113484	AZJ3458	110813	IA0055	112097
AZF4315	114387	AZJ3187	113465	AZJ3459	110521	IA0060	111841
AZF4507	111982	AZJ3188	113466	AZJ3460	110518	IA0062	113469
AZF4508	113466	AZJ3192	112039	AZJ3461	110522	IA0067	110178
AZF4509	112446	AZJ3195	113381	AZJ3462	113381	IA0067	110759
AZF4510	113532	AZJ3196	113467	AZJ3503	110530	IA0067	111841
AZF4511	114447	AZJ3197	112249	AZJ3508	110536	IA0067	113378
AZF4513	113570	AZJ3198	110462	AZJ3514	110814	IA0068	111289
AZF4514	112071	AZJ3199	113468	AZJ3515	110518	IA0069	110766
AZF4515	112494	AZJ3201	112074	AZJ3516	110640	IA0071	110882
AZF4521	111755	AZJ3203	110565	AZJ3517	110529	IA0071	110890



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
IA0075	112097	IA0336	110882	IA0571	110890	IA0696	111654
IA0094	112298	IA0342	111653	IA0571	110912	IA0696	112719
IA0095	110970	IA0343	111620	IA0571	111138	IA0699	111620
IA0095	111948	IA0347	110611	IA0571	112719	IA0701	111620
IA0096	110641	IA0347	110970	IA0571	112768	IA0705	110895
IA0097	111141	IA0347	111078	IA0572	111289	IA0706	111364
IA0102	111141	IA0347	111687	IA0573	111289	IA0707	110770
IA0112	110611	IA0355	111687	IA0574	110766	IA0709	113920
IA0112	110890	IA0358	111036	IA0576	111086	IA0710	111528
IA0112	112719	IA0358	111621	IA0576	111364	IA0710	111658
IA0116	110641	IA0360	110113	IA0577	111364	IA0710	113477
IA0122	110913	IA0372	110641	IA0578	111289	IA0711	113533
IA0122	111288	IA0400	111362	IA0578	113574	IA0713	110923
IA0122	112149	IA0401	112149	IA0579	111289	IA0713	111093
IA0122	112763	IA0401	112735	IA0579	112754	IA0717	111361
IA0145	111287	IA0404	111076	IA0580	111169	IA0723	110127
IA0186	110766	IA0404	112162	IA0580	111800	IA0728	110770
IA0201	110113	IA0405	111035	IA0580	112056	IA0729	111368
IA0211	111287	IA0405	111148	IA0581	110891	IA0731	110923
IA0215	110911	IA0406	111148	IA0582	111035	IA0731	111093
IA0215	110975	IA0415	111362	IA0582	111148	IA0731	111149
IA0220	110913	IA0432	111035	IA0582	112719	IA0732	111093
IA0226	110881	IA0437	111094	IA0583	111166	IA0735	111036
IA0230	110877	IA0437	112149	IA0584	111169	IA0738	114513
IA0230	112310	IA0438	110919	IA0584	111800	IA0746	113477
IA0242	110882	IA0439	110919	IA0584	112056	IA0749	111170
IA0256	111075	IA0440	111811	IA0585	110882	IA0754	112299
IA0257	111154	IA0445	110358	IA0585	111418	IA0759	112170
IA0258	111036	IA0446	110913	IA0585	115873	IA0769	112230
IA0276	113574	IA0448	110911	IA0586	113470	IA0783	111180
IA0292	112183	IA0449	111141	IA0587	111356	IA0784	110105
IA0293	110348	IA0453	110105	IA0587	111364	IA0789	110163
IA0294	110350	IA0453	111649	IA0590	111076	IA0800	114840
IA0297	110972	IA0457	110890	IA0590	112162	IA0801	111834
IA0297	111168	IA0463	114669	IA0591	111620	IA0810	111355
IA0297	111800	IA0468	112097	IA0591	111686	IA0811	111368
IA0299	110972	IA0469	111072	IA0592	110105	IA0824	111176
IA0299	111168	IA0469	111171	IA0592	113632	IA0830	114514
IA0299	111800	IA0470	111355	IA0595	111888	IA0832	112112
IA0301	110178	IA0484	113991	IA0600	112768	IA0856	114465
IA0301	110759	IA0485	114077	IA0601	110360	IA0868	111629
IA0301	110770	IA0496	111085	IA0604	110178	IA0873	111569
IA0301	110968	IA0498	112191	IA0604	111653	IA0875	111843
IA0301	111185	IA0499	112098	IA0605	110975	IA0881	115848
IA0301	111289	IA0500	111662	IA0605	111653	IA0889	111352
IA0301	111362	IA0501	110641	IA0605	113758	IA0890	111176
IA0305	110179	IA0502	111662	IA0606	110911	IA0895	111629
IA0305	110759	IA0504	111740	IA0610	111653	IA0895	111833
IA0305	110969	IA0507	111662	IA0611	111287	IA0898	111477
IA0305	111086	IA0511	110881	IA0613	110919	IA0902	112343
IA0305	111289	IA0512	110881	IA0613	110975	IA0903	112747
IA0305	111364	IA0517	111629	IA0613	111653	IA0908	114081
IA0306	110890	IA0518	111629	IA0617	110913	IA0913	113474
IA0306	110912	IA0519	111629	IA0624	110077	IA0914	112098
IA0306	111138	IA0520	111842	IA0624	111767	IA0918	115851
IA0306	112719	IA0522	110895	IA0632	110358	IA0925	113610
IA0306	112768	IA0523	111321	IA0633	110358	IA0963	112688
IA0309	111166	IA0525	110113	IA0633	112112	IA0970	114049
IA0309	111187	IA0527	110358	IA0635	110113	IA0983	116111
IA0309	111656	IA0528	110179	IA0635	110761	IA0989	113632
IA0309	113376	IA0528	110969	IA0635	110906	IA0990	111479
IA0324	111654	IA0528	111086	IA0635	113920	IA0992	112325
IA0326	110912	IA0528	111184	IA0662	111686	IA0993	111293
IA0326	111620	IA0529	111287	IA0664	111082	IA1001	111842
IA0327	110882	IA0531	110968	IA0664	112728	IA1004	111369
IA0327	110890	IA0531	111185	IA0665	110105	IA1005	112529
IA0327	111418	IA0531	111289	IA0666	112556	IA1007	111354
IA0327	111686	IA0532	112744	IA0667	112389	IA1012	111890
IA0327	115873	IA0535	111072	IA0675	112556	IA1013	113442
IA0328	111686	IA0536	110766	IA0676	111289	IA1018	112718
IA0329	111620	IA0536	113500	IA0679	110619	IA1019	110113
IA0329	111686	IA0554	111325	IA0679	112754	IA1019	113529
IA0330	111686	IA0555	111419	IA0691	111148	IA1020	113529
IA0331	112719	IA0566	110770	IA0693	111948	IA1021	112298
IA0332	111620	IA0566	111289	IA0694	111413	IA1022	114289
IA0332	111654	IA0566	111362	IA0694	111620	IA1023	113768
IA0332	112112	IA0569	112098	IA0695	111036	IA1026	114464
IA0334	110912	IA0570	112736	IA0695	113471	IA1027	115309
IA0334	111654	IA0571	110611	IA0696	110912	IA1027	115309

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ISKRA</b> <i>Continued</i>							
IA1031	114110	IA1253	111676	IA9433	112453	IS0486	114438
IA1036	113486	IA1260	113772	IA9438	110743	IS0486	114744
IA1040	1113485	IA1269	111898	IA9439	113923	IS0490	110518
IA1041	111318	IA1286	115608	IA9439	115879	IS0491	110523
IA1043	111902	IA1301	115682	IA9442	112159	IS0492	110517
IA1044	113489	IA1305	114027	IA9443	112561	IS0492	110521
IA1045	111353	IA1307	113751	IA9444	113448	IS0500	110814
IA1052	112529	IA1309	111843	IA9445	112561	IS0503	114265
IA1057	112230	IA1310	115605	IM0089	112575	IS0509	110565
IA1057	114004	IA1312	115436	IM0127	115628	IS0519	110338
IA1057	114004	IA1321	115777	IM0145	113666	IS0519	110819
IA1058	113999	IA1330	114122	IM0146	112574	IS0520	110439
IA1064	111884	IA1332	114469	IM0147	112575	IS0520	110819
IA1065	111899	IA1339	112397	IS0005	110520	IS0521	110530
IA1066	111820	IA1340	113603	IS0005	110601	IS0525	115423
IA1073	113986	IA1341	112469	IS0007	111100	IS0526	110615
IA1076	113738	IA1348	111843	IS0030	112651	IS0526	111737
IA1077	114471	IA1349	114698	IS0034	110856	IS0529	110584
IA1078	110881	IA1352	114450	IS0075	110512	IS0531	111304
IA1079	113470	IA1372	115970	IS0115	110208	IS0531	112249
IA1081	112046	IA1373	112722	IS0115	110512	IS0532	110814
IA1082	114470	IA1412	113899	IS0116	110537	IS0532	111693
IA1085	112530	IA1414	113940	IS0126	110537	IS0533	111755
IA1091	112679	IA1414	116048	IS0130	110210	IS0534	111755
IA1095	112062	IA1416	112458	IS0151	113464	IS0536	110206
IA1096	112343	IA1417	114785	IS0178	110206	IS0537	111640
IA1101	112424	IA1418	112471	IS0179	110545	IS0548	111001
IA1103	111842	IA1430	113640	IS0193	110367	IS0548	112249
IA1104	111833	IA1430	116067	IS0193	110866	IS0551	110536
IA1104	116063	IA1434	113245	IS0201	110530	IS0552	110536
IA1105	111833	IA1435	113755	IS0203	110529	IS0558	110839
IA1106	111842	IA1435	115382	IS0203	110813	IS0565	112041
IA1108	111850	IA1436	113837	IS0216	110517	IS0567	112555
IA1109	112539	IA1437	113919	IS0248	115423	IS0569	111755
IA1110	111883	IA1439	113248	IS0250	112173	IS0570	110207
IA1111	112194	IA1458	113758	IS0250	115472	IS0579	110462
IA1117	113949	IA1479	114786	IS0254	111001	IS0580	111055
IA1126	112679	IA1480	115849	IS0280	110582	IS0580	111123
IA1127	111631	IA1481	115970	IS0281	110214	IS0580	111127
IA1128	112043	IA1481	115971	IS0281	110531	IS0582	110585
IA1133	114767	IA1484	114772	IS0285	110207	IS0582	111251
IA1134	112021	IA1484	114772	IS0287	110533	IS0586	110365
IA1136	115381	IA1485	114787	IS0289	110213	IS0586	111585
IA1137	112535	IA1488	113716	IS0289	110532	IS0590	112162
IA1142	113340	IA1518	113632	IS0320	110449	IS0595	113484
IA1144	112075	IA1522	113531	IS0338	110587	IS0596	113465
IA1145	112273	IA1529	113888	IS0338	111130	IS0597	111231
IA1146	112079	IA1541	114681	IS0346	110520	IS0598	113466
IA1146	114789	IA1545	114379	IS0346	110585	IS0600	112056
IA1147	111989	IA1547	113707	IS0346	111251	IS0601	110208
IA1147	115482	IA1586	113716	IS0364	110520	IS0607	110212
IA1148	112274	IA9003	111186	IS0366	110519	IS0607	110512
IA1150	111746	IA9006	112151	IS0366	110522	IS0612	112039
IA1152	115689	IA9011	111514	IS0375	110793	IS0618	110640
IA1153	111978	IA9014	111294	IS0375	111066	IS0618	113381
IA1154	113531	IA9015	111515	IS0389	110205	IS0619	113467
IA1158	112480	IA9017	111797	IS0392	111228	IS0620	112249
IA1161	114000	IA9020	111426	IS0392	112124	IS0622	110512
IA1163	112002	IA9026	112143	IS0392	112289	IS0624	110462
IA1163	114797	IA9027	112654	IS0392	112455	IS0626	113468
IA1164	113992	IA9028	111795	IS0395	111068	IS0627	112074
IA1169	113999	IA9407	112803	IS0399	110368	IS0629	110565
IA1196	115343	IA9411	111886	IS0399	111112	IS0629	111346
IA1198	114228	IA9412	112561	IS0402	115535	IS0629	114650
IA1202	113631	IA9413	113448	IS0402	115535	IS0630	110818
IA1203	113967	IA9414	110895	IS0403	110529	IS0631	110442
IA1204	112698	IA9415	112271	IS0404	111058	IS0632	110819
IA1211	115899	IA9416	110607	IS0407	110524	IS0642	111070
IA1212	114772	IA9418	112406	IS0408	110439	IS0642	114460
IA1215	114192	IA9419	111834	IS0409	110640	IS0645	115537
IA1222	113503	IA9420	112757	IS0411	110565	IS0646	112295
IA1223	113575	IA9421	112345	IS0412	110525	IS0647	110867
IA1224	113621	IA9423	111987	IS0417	112304	IS0647	112290
IA1225	114896	IA9424	112720	IS0428	110534	IS0651	110847
IA1228	113771	IA9425	112197	IS0429	110535	IS0651	111122
IA1241	114671	IA9426	112416	IS0432	112039	IS0652	110512
IA1242	114004	IA9429	112561	IS0432	115344	IS0654	111217
IA1244	112460	IA9430	110882	IS0483	111131	IS0655	110520
IA1246	113770	IA9432	112076	IS0484	110536	IS0655	110601

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
IS0657	111217	IS1051	112545	IS9012	110212	IS9428	111851
IS0660	116040	IS1055	113532	IS9013	110535	IS9431	114163
IS0661	111025	IS1056	115721	IS9016	110208	IS9432	111904
IS0663	111224	IS1066	113690	IS9017	110539	IS9433	110363
IS0664	111332	IS1067	114777	IS9019	110582	IS9434	113389
IS0664	111885	IS1067	114777	IS9020	110213	IS9435	111120
IS0665	112267	IS1070	114903	IS9021	110532	IS9436	113451
IS0669	111332	IS1072	111855	IS9022	112119	IS9437	112439
IS0670	111332	IS1073	113181	IS9023	110206	IS9438	111996
IS0671	111001	IS1075	114460	IS9025	110981	IS9439	112553
IS0687	114047	IS1077	113429	IS9026	110209	IS9440	113281
IS0688	110519	IS1078	111771	IS9027	110207	IS9441	112218
IS0692	110545	IS1079	113480	IS9028	110205	IS9442	113932
IS0695	111885	IS1089	113429	IS9029	110980	IS9443	112436
IS0704	110521	IS1090	112267	IS9030	111231	IS9444	110813
IS0704	111752	IS1094	112005	IS9032	110210	IS9444	112267
IS0705	112135	IS1095	114196	IS9034	110214	IS9445	110517
IS0706	111332	IS1097	114824	IS9035	110206	IS9445	110521
IS0711	110439	IS1098	114107	IS9036	110512	IS9446	110518
IS0716	113443	IS1100	115325	IS9038	110210	IS9447	110522
IS0717	112235	IS1101	112534	IS9038	113855	IS9447	110582
IS0722	111060	IS1102	114702	IS9040	110212	IS9448	110640
IS0723	112286	IS1104	115329	IS9042	111046	IS9448	113381
IS0728	111982	IS1105	114264	IS9051	110601	IS9450	113935
IS0729	113759	IS1107	111398	IS9054	111219	IS9450	115501
IS0730	112446	IS1108	114398	IS9056	110932	ISJ0002	110394
IS0732	111304	IS1114	114480	IS9061	111003	ISJ0003	110709
IS0736	115472	IS1115	115697	IS9062	110208	ISJ0004	110279
IS0743	110527	IS1133	115357	IS9068	111218	ISJ0005	111459
IS0748	113532	IS1146	112053	IS90763	111422	ISJ0006	111307
IS0762	111755	IS1149	114677	IS9078	111219	ISJ0007	110810
IS0763	111422	IS1150	113982	IS9082	112120	ISJ0008	110312
IS0766	112132	IS1151	114117	IS9083	111217	ISJ0009	110713
IS0769	110461	IS1152	114276	IS9095	110207	ISJ0010	111476
IS0772	111069	IS1158	115391	IS9096	112116	ZB4-12/06-9	111100
IS0773	111694	IS1159	115392	IS9099	112507	AAG0402	111180
IS0775	111749	IS1160	115393	IS9128	111217	AAG0403	111035
IS0777	111489	IS1160	115393	IS9139	111231	AAG0702	110743
IS0783	113346	IS1164	112441	IS9142	111771	AAG1104	111180
IS0787	111029	IS1169	113277	IS9143	113608	AAG1111	110178
IS0790	110585	IS1170	111130	IS9144	113851	AAG1130	111180
IS0792	110521	IS1175	111906	IS9144	115885	AAG1301	110641
IS0793	111755	IS1179	110999	IS9146	112224	AAG1307	113469
IS0820	113532	IS1181	115443	IS9147	112581	AAG1310	110970
IS0821	110551	IS1190	111910	IS9148	111910	AAG1311	110641
IS0836	113570	IS1193	115389	IS9149	112581	AAG1314	111662
IS0841	112071	IS1195	114387	IS9300	111136	AAG1315	110641
IS0845	112131	IS1199	114020	IS9305	111065	AAG1328	110641
IS0854	111748	IS1201	114388	IS9307	111347	AAG1338	111662
IS0862	110519	IS1202	114852	IS9311	112309	AAG1340	111662
IS0875	115536	IS1216	110584	IS9312	112166	AAG1341	111662
IS0875	115536	IS1231	114676	IS9313	111786	AAG1343	111649
IS0881	113482	IS1236	114220	IS9313	115985	AAG5103	115436
IS0889	111752	IS1237	114320	IS9317	111690	AAG5104	115436
IS0895	112135	IS1239	114475	IS9319	111805	AAG5116	115970
IS0896	112136	IS1241	115355	IS9327	112307	AAG5118	111843
IS0897	114254	IS1251	113851	IS9328	111906	AAG5131	115971
IS0899	115397	IS1251	115885	IS9329	112541	AAG5132	115970
IS0899	115500	IS1255	112494	IS9330	111619	AAG5133	115970
IS0944	113466	IS1263	110813	IS9331	112251	AAG5135	115436
IS0956	110585	IS1264	112498	IS9332	112290	AAG5138	115971
IS0957	113481	IS1265	113276	IS9333	113134	AAK1105	110360
IS0979	112496	IS1269	112436	IS9334	112320	AAK1107	110906
IS0993	112670	IS1277	114307	IS9335	112103	AAK1109	110766
IS0996	114321	IS1279	111015	IS9403	111251	AAK1110	112097
IS0999	114050	IS1286	113843	IS9404	110584	AAK1111	111841
IS1010	112390	IS1303	113901	IS9407	111461	AAK1113	110766
IS1015	112171	IS1315	112660	IS9409	111748	AAK1114	111289
IS1016	114447	IS1320	113725	IS9410	111749	AAK1115	110766
IS1018	112660	IS1325	114435	IS9411	112321	AAK1117	112768
IS1021	114117	IS1341	114196	IS9414	111508	AAK1123	111035
IS1024	111848	IS1347	114266	IS9415	113605	AAK1125	110113
IS1040	111909	IS1378	110565	IS9418	112821	AAK1128	111078
IS1041	111900	IS9002	110534	IS9418	115870	AAK1130	111141
IS1042	113387	IS9007	110537	IS9422	111490	AAK1131	113376
IS1043	112286	IS9008	110537	IS9424	113282	AAK1133	110968
IS1045	112034	IS9009	110512	IS9425	111865	AAK1134	110761
IS1046	110819	IS9010	110533	IS9426	111685	AAK1135	110890
IS1047	111641	IS9011	110212	IS9427	112431	AAK1139	110360

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ISKRA</b> <i>Continued</i>							
AAK1140	111288	AAK3301	112112	AAK4313	112098	AAK5169	111352
AAK1151	112310	AAK3318	112747	AAK4314	114450	AAK5171	111477
AAK1152	110358	AAK3320	113474	AAK4320	112046	AAK5175	114081
AAK1153	110113	AAK3328	110105	AAK4321	113531	AAK5181	113610
AAK1157	110358	AAK3329	113632	AAK4330	114868	AAK5186	112688
AAK1163	111035	AAK3330	111888	AAK4334	114868	AAK5193	114049
AAK1167	110766	AAK3332	111528	AAK4335	116023	AAK5197	113632
AAK1170	111082	AAK3333	110127	AAK4342	114289	AAK5198	111479
AAK1171	111035	AAK3334	113477	AAK4343	115309	AAK5301	112325
AAK1172	111035	AAK3336	112170	AAK4345	116111	AAK5302	111293
AAK1173	111148	AAK3339	114465	AAK4348	113470	AAK5304	111843
AAK1175	111035	AAK3345	114289	AAK4349	110881	AAK5305	111369
AAK1177	112056	AAK3354	116111	AAK4351	112098	AAK5306	112529
AAK1178	111287	AAK3368	114289	AAK4352	113631	AAK5308	113442
AAK1179	111287	AAK3369	111355	AAK4362	116023	AAK5309	113486
AAK1181	113376	AAK3380	114470	AAK4363	114868	AAK5315	112556
AAK1182	112098	AAK3501	110360	AAK4504	112149	AAK5319	111354
AAK1183	110913	AAK3510	111287	AAK4506	111325	AAK5322	111890
AAK1189	110881	AAK3514	110913	AAK4507	111419	AAK5323	114049
AAK1193	112310	AAK3515	111841	AAK4509	110766	AAK5326	112718
AAK1199	111288	AAK3520	110358	AAK4513	111289	AAK5329	113485
AAK1204	110766	AAK3525	110358	AAK4518	112768	AAK5332	111318
AAK1205	110113	AAK3528	111076	AAK4519	111289	AAK5334	114464
AAK1209	112097	AAK3529	111035	AAK4520	111289	AAK5335	113768
AAK1213	110113	AAK3530	111148	AAK4521	111738	AAK5336	113768
AAK1228	111686	AAK3538	111035	AAK4522	111738	AAK5349	111884
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AAK1301	111141	AAK3543	110919	AAK4524	111289	AAK5351	111820
AAK1309	110113	AAK3544	110919	AAK4525	112056	AAK5354	113529
AAK1312	112046	AAK3547	112098	AAK4526	110891	AAK5355	113529
AAK1324	113474	AAK3548	110358	AAK4527	111148	AAK5360	112298
AAK1325	111362	AAK3557	110761	AAK4528	111166	AAK5363	112556
AAK1329	111362	AAK3560	110890	AAK4529	112056	AAK5364	113610
AAK1330	110105	AAK3563	115689	AAK4530	111418	AAK5365	115851
AAK1333	110968	AAK3564	112097	AAK4531	115873	AAK5376	113738
AAK1337	113470	AAK3565	111171	AAK4532	113470	AAK5380	111353
AAK1339	111176	AAK3572	112162	AAK4533	111356	AAK5382	112529
AAK1343	111740	AAK3573	111085	AAK4535	112162	AAK5388	113986
AAK1344	111740	AAK3579	110881	AAK4542	112754	AAK5391	112529
AAK1347	110895	AAK3583	111321	AAK4543	111686	AAK5396	112021
AAK1352	110766	AAK3587	111086	AAK4544	111082	AAK5501	111369
AAK1358	111289	AAK3588	111287	AAK4549	111141	AAK5502	111477
AAK1362	110105	AAK3590	111289	AAK4554	111948	AAK5503	112165
AAK1363	111888	AAK3591	112744	AAK4556	113471	AAK5505	112151
AAK1367	110895	AAK3595	113500	AAK4557	111654	AAK5510	111514
AAK1368	113920	AAK3802	110127	AAK4562	111620	AAK5512	111797
AAK1369	111528	AAK3818	110881	AAK4564	111176	AAK5513	111426
AAK1370	112098	AAK3820	113470	AAK4567	111364	AAK5517	111631
AAK1373	111361	AAK3822	112046	AAK4568	110770	AAK5518	112043
AAK1375	110127	AAK3834	113716	AAK4569	113533	AAK5521	112679
AAK1378	112736	AAK4104	111075	AAK4571	111093	AAK5533	114000
AAK1383	113477	AAK4106	111154	AAK4574	110770	AAK5535	111426
AAK1387	112170	AAK4116	110178	AAK4575	111368	AAK5541	112075
AAK1388	111364	AAK4118	113574	AAK4578	111093	AAK5542	112273
AAK1398	111834	AAK4127	110348	AAK4580	111036	AAK5543	112079
AAK1811	112046	AAK4128	110350	AAK4582	111170	AAK5544	111989
AAK1815	111843	AAK4131	111800	AAK4585	111325	AAK5545	112274
AAK1816	115605	AAK4133	111168	AAK4591	110163	AAK5547	113340
AAK1832	114450	AAK4135	111289	AAK4598	111355	AAK5553	112480
AAK1854	110117	AAK4138	112768	AAK4599	111368	AAK5560	114671
AAK1882	116111	AAK4139	111364	AAK4829	113632	AAK5562	114049
AAK1888	114868	AAK4140	110890	AAK4831	111843	AAK5565	113738
AAK1890	114787	AAK4141	110358	AAK4835	115605	AAK5566	113768
AAK2301	112183	AAK4143	113376	AAK4931	115777	AAK5567	113768
AAK2303	114077	AAK4150	111654	AAK5102	111811	AAK5568	114464
AAK2305	111226	AAK4154	111686	AAK5105	112191	AAK5573	111797
AAK2306	112183	AAK4155	111686	AAK5108	112299	AAK5574	112271
AAK2307	113991	AAK4157	110913	AAK5114	112556	AAK5577	114671
AAK3122	111176	AAK4158	111620	AAK5115	112389	AAK5580	112698
AAK3128	111800	AAK4160	111654	AAK5118	112556	AAK5581	115608
AAK3129	111168	AAK4162	110882	AAK5125	114513	AAK5583	114772
AAK3130	113376	AAK4167	111078	AAK5127	111354	AAK5584	115899
AAK3132	112056	AAK4174	111687	AAK5131	112299	AAK5585	113503
AAK3133	111166	AAK4176	111686	AAK5136	112230	AAK5591	114896
AAK3134	112056	AAK4177	111036	AAK5141	113768	AAK5592	113529
AAK3142	111186	AAK4179	110113	AAK5145	114840	AAK5597	112654
AAK3161	111186	AAK4189	111076	AAK5157	114514	AAK5599	114671
AAK3166	115689	AAK4199	112149	AAK5165	111843	AAK5710	111795
AAK3197	110882	AAK4307	111843	AAK5166	115848	AAK5711	114808

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AAK5717	111631	AAN5572	112197	2912559140	111683	8943647221	112986
AAK5722	112720	AAN5595	114767	2912762340	112986	8943820590	111267
AAK5723	112416	AAN5597	114767	5001810100	112270	8943820591	111267
AAK5734	112747	AAN5701	113999	5811000180	110580	8943820600	111267
AAK5739	113603	AAN5702	114469	5811000252	110580	8-94384314-0	113402
AAK5740	113575	AAN5708	114228	5811000571	110573	8-94384314-01	112986
AAK5741	112469	AAN5711	114698	5811000800	110412	8-94384314-1	113402
AAK5745	114896	AAN5713	114698	5811000801	110412	8943863280	111136
AAK5746	113621	AAN5742	113837	5-81100-099-1	110573	8943876530	112083
AAK5758	114772	AAN5745	114228	5811001111	110412	8-94389772-1	114368
AAK5759	113621	AAN5771	113999	5811001112	110412	8944017932	110697
AAK5760	114896	AAN5772	112460	5811001180	110580	8-94404790-2	113212
AAK5761	114808	AAN5776	114228	5811001280	110723	8944050440	110697
AAK5773	112457	AAN5792	113510	5811001282	110723	8944050442	110697
AAK5778	112458	AAN5795	112427	5811001292	110723	8944086740	110675
AAK5779	113248	AAN5795	115871	5811001331	110412	8944104090	110412
AAK5782	112471	AAN5806	114767	5811001660	111683	8944127301	111683
AAK5788	113245	AAN5840	113707	5811001661	111683	8944139970	110679
AAK5791	113919	AAN5848	114785	5811001662	111683	8944195191	111267
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AAK5807	114772	AAN7101	113771	5811001664	111683	8944237560	112270
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AAN5138	113999	1811001910	112649	8930281980	112083	8970429970	113132
AAN5139	112679	1-81100191-1	112649	8-93300270-9	111349	8970429971	113132
AAN5155	113999	1811002161	114442	8933004180	111490	8970429972	113132
AAN5156	112062	1811002461	114420	8941224884	111267	8970447790	111187
AAN5166	111850	1-81100246-1	114420	8941313572	110675	8970489660	114260
AAN5167	115381	1-81100246-2	114346	8941364000	110573	8970489661	114260
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AAN5178	114797	1811003240	114474	8-94137345-2	110679	8970489673	114260
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AAN5318	113999	1-81200205-0	111051	8941702050	114260	8970489702	115691
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AAN5564	111898	2911233280	113402	8943647220	112986	8971128650	111683

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>ISUZU Continued</b>							
8971128651	.....111683	8972873924	.....112271	42498115	.....112823	504271461	.....114450
8971128652	.....111683	8973234370	.....111559	42498115	.....115872	504280010	.....114306
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8971137700	.....111267	8973261800	.....112271	42498148	.....110582	504282333	.....115602
8971177690	.....111274	8973261801	.....112271	42498155	.....110766	504282826	.....115798
8971177700	.....111136	8973515720	.....114782	42498239	.....110882	504286394	.....113923
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8971211800	.....113076	8973551981	.....113941	42498715	.....113984	504349338	.....112427
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		323019050	.....114021				

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
XR822418	115788	AM102628	114486	AZ31316	113632	RE516157	113478
XR8310300BA	115789	AM104559	113596	AZ38462	111215	RE516455	113478
XR8310300BC	115789	AM105575	114823	CH12741	110485	RE51694	110942
XR842452	115789	AM106883	112563	CH15586	110485	RE51921	111215
		AM107631	112546	CH15587	115463	RE519568	113478
<b>JCB</b>		AM108390	112546	CH19279	110485	RE519975	113478
320-08560	114081	AM109408	113597	F005510	112670	RE522852	115821
320-08610	114772	AM117130	113017	F045287	112560	RE523502	115721
320-08611	115899	AM120729	113017	F048972	110999	RE525689	114868
320-08648	114081	AM122337	110634	F054034	112160	RE525690	116023
320-08649	114772	AM122435	112244	F063075	113448	RE526375	114275
320-08650	115899	AM124993	112546	F434805	112160	RE527400	114275
320-08719	114772	AM127877	114674	FGV35532054	114055	RE528532	114824
320-09022	114264	AM131296	112546	LG490240	112563	RE533654	115605
320-09035	114264	AM132702	112546	LG490420	112563	RE537146	112170
320-09346	114264	AM132818	113017	LG497401	112563	RE537519	114712
332-C99238	115970	AM133636	114674	LG497595	110634	RE539695	114712
714-03000R	111573	AM134946	115817	LG497596	110635	RE540301	115314
714-20400	111355	AM31568	110510	LG693551	113854	RE540304	113900
714-26100	112722	AM32092	112564	LG91262	112563	RE540412	114868
714-29500	111346	AM32393	113015	LVA12357	113742	RE540413	116023
714-32300	112698	AM32789	110510	LVA12467	114518	RE54090	115625
714-33300	111300	AM34248	110510	M143512	113539	RE54091	115314
714-34100	113186	AM3424B	110510	M809216	114518	RE57960	113543
714-35600	112534	AM34731	112564	M810337	116016	RE59588	115314
714-35900	111254	AM34753	111701	MIA10338	115463	RE59595	115625
714-36100	115780	AM34888	110510	MIA11408	114674	RE60384	111755
714-40005	111346	AM37032	110510	MIU11006	114888	RE60641	113478
714-40152	113763	AM37352	110634	RE13722	111224	RE68470	110942
714-40159	114388	AM37725	111701	RE185213	113899	RE684701	113478
714-40231	114388	AM37869	110510	RE186320	113975	RE68783	115721
714-40531	114388	AM38136	112563	RE19275	110942	RE69705	114222
714-40536	114388	AM38984	110635	RE204426	112529	RE70474	113983
750-15330	112559	AM39137	110634	RE210793	114211	RE70475	114277
		AM39285	112563	RE218703	113899	RE70958	114222
		AM39287	110635	RE257541	113975	RE70960	113983
<b>JOHN DEERE</b>		AM809215	114197	RE36246	111215	RE70961	114277
91902C1	113429	AM809216	114518	RE36267	111843	RE72917	115462
A162469	113429	AM875014	112373	RE36268	112773	RES533653	111843
A187615	113429	AM877557	115463	RE37201	111215	RG60654	110485
A18763	111843	AM877740	110620	RE40092	115625	RM100034	113900
AE52707	113531	AM878176	112373	RE41799	110942	SE501343	115605
AE53101	113531	AM878415	110485	RE41875	111224	SE501354	114277
AH137883	111843	AM878581	113401	RE42123	111215	SE501380	111830
AH165975	115605	AM878813	112373	RE44140	111215	SE501387	111888
AL110503	111755	AM879072	114401	RE46043	115462	SE501400	111221
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AL111675	112529	AM879204	114197	RE500733	111755	SE501407	114277
AL111676	112062	AM879909	113742	RE501002	111755	SE501424	114277
AL114092	112529	AM880701	115435	RE501060	114222	SE501426	115625
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AL11503	111755	AM880840	114400	RE501347	113478	SE501823	113543
AL119537	113949	AMJ7869	110510	RE501551	114195	SE501833	114212
AL166645	114681	AN193461	110445	RE501634	113543	SE501838	115845
AL166646	112062	AR62401	111649	RE50165	115314	SE501843	115463
AL166647	114379	AR70436	111755	RE501680	113478	SE501844	113900
AL170947	113707	AR70437	111755	RE501689	113478	SE501854	113478
AL28516	110105	AR77254	111224	RE501693	113478	SE501856	112442
AL35998	110105	AR87204	110445	RE502156	113478	SE501868	114275
AL3846201	112046	AR87205	110445	RE502196	113478	SE502077	114277
AL41247	111755	AR93447	110445	RE502811	114459	SE502559	114712
AL60033	113632	AR93448	110445	RE503226	115609	SE502628	115605
AL62401	111649	AT117390	115605	RE504009	115721	SE502632	115721
AL62690	111755	AT161324	112170	RE504245	114712	SE502823	114712
AL62691	111755	AT173624	111888	RE504807	112442	SES502627	111843
AL62772	111755	AT185951	113531	RE505745	111755	TY24436	115314
AL62773	111755	AT195414	114459	RE505746	113478	TY24437	115625
AL67175	110105	AT195649	114679	RE506079	114459	TY24438	110942
AL67176	110105	AT220394	111843	RE506103	114712	TY24441	113983
AL70852	112442	AT229394	111843	RE506145	115321	TY24443	114222
AL78689	113531	AT23401	111755	RE506196	113543	TY24486	113531
AL78690	111215	AT300167	115845	RE506197	113542	TY25238	114197
AL78692	113531	AT330320	114212	RE506826	115821	TY25242	114518
AL78760	111755	AT387573	114212	RE507943	114195	TY25243	113742
AL81154	112442	AT387574	115845	RE508922	113900	TY25972	115625
AL81436	110105	AT78689	113531	RE509106	111888	TY6621	110445
AL81437	113632	AZ23575	111649	RE509658	111221	TY6669	110105
AL81438	113531	AZ26910	110105	RE51447	110942	TY6684	111215
AM100807	111087	AZ28516	110105	RE515895	115821	TY6688	110942
AM100809	111087						

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1182126	114220	<b>KIA</b>		36100-22810	113659	36100-4X210	114732
1182151	110881	OB6S818400	110808	36100-23100	111307	36100-4X211	114732
1182153	113470	OK001218300	111787	36100-23150	111307	36100-72000	114343
1182167	113738	OK01118300	111787	36100-23160	111307	36100-83010	112342
1182175	114470	OK01118300B	111787	36100-23161	111307	36100-93010	113129
1182179	114320	OK01118300C	111787	36100-23165	111307	37300-02503	113518
1182195	114323	OK01118300D	111787	36100-23170	114820	37300-02550	113791
1182195	115889	OK01218300	111787	36100-23171	114820	37300-02551	113791
1182233KZ	112071	OK05418300	113903	36100-25020	115569	37300-02570	113791
1182235	112494	OK05418300A	113903	36100-26800	113659	37300-02600	115654
1182235KZ	112494	OK05418300B	113903	36100-26810	113659	37300-02605	115654
1182384	113181	OK05418300C	113903	36100-27000	113329	37300-03100	115815
1182384KZ	113181	OK20118300A	111237	36100-27001	113329	37300-03300	115827
1182386	114676	OK20118300B	111237	36100-27010	113329	37300-03310	115827
1182388	114320	OK24018400	110808	36100-27011	113329	37300-03500	115980
1182390	114220	OK24118300	111237	36100-27510	113796	37300-22011	111309
1182399	114110	OK24118400	110808	36100-27700	114778	37300-22020	111309
1182434	112183	OK24118400A	110808	36100-29000	111070	37300-22023	111309
1182434	112548	OK24418300A	111807	36100-2A000	113797	37300-22200	111405
1182436	113991	OK2A218300	111237	36100-2A100	113797	37300-22511	110659
1182438	114077	OK30A18400	114885	36100-2A300	113797	37300-22600	111309
1182495	114873	OK30C18300	113656	36100-2A500	115729	37300-22650	113657
1182544	114192	OK30D18300	113656	36100-2A800	115446	37300-23600	113657
1182691	113949	OK32618400	114885	36100-2B020	114892	37300-23650	114857
1182758	114323	OK55218300B	112334	36100-2B100	114443	37300-24510	110659
1182758	115889	OK55218400	113327	36100-2B102	114443	37300-24511	110659
1182759	114733	OK55218400A	113327	36100-2B200	114443	37300-25201	114827
1182759	115894	OK55318300	112334	36100-2B202	114892	37300-25301	114827
1182760	114873	OK55318300A	112334	36100-2B302	116026	37300-25310	114827
1182761	114838	OK55318300B	112334	36100-2B600	114443	37300-26100	113657
1182961	112046	OK55518300A	112334	36100-2B602	114443	37300-27010	113328
1182974	114475	OK60118400	114762	36100-2CC00	115743	37300-27011	113328
1183033	115355	OK60A18400	114762	36100-2F000	115626	37300-27012	113328
1183126	114303	OK64018300G	112506	36100-2F050	115626	37300-27013	113328
1183183	113768	OK65B18300A	114766	36100-2F055	115626	37300-27020	115409
1183191	114110	OK65S18400	110818	36100-2F155	115626	37300-27021	115409
1183195	112747	OK71118400	110389	36100-2G000	115758	37300-27030	113328
1183209	114323	OK71118400A	110389	36100-2G200	115758	37300-27031	113328
1183209	115889	OK71118400C	110389	36100-2G300	115758	37300-27502	114201
1183235	112071	OK71F18400B	110389	36100-2X000	114885	37300-27503	114201
1183237	114475	OK90018400	110808	36100-2Y100	110808	37300-27504	114201
1183239	112494	OK90018400A	110808	36100-32500	110811	37300-27600	114201
1183286	114733	OK90018400B	110808	36100-32510	110811	37300-27601	114201
1183286	115894	OK90018400C	110808	36100-32520	110811	37300-27602	114201
1183365	113181	OK95418400	110808	36100-32530	110811	37300-29000	112688
1183404	113181	OK95618400	110810	36100-32540	110811	37300-2A010	113863
1183427	113768	OR20118300E	110706	36100-32560	111305	37300-2A050	113863
1183437	114464	OR20118300H	110706	36100-32600	110811	37300-2A100	114495
1183441	114077	OR20118300J	110706	36100-32610	111305	37300-2A110	114495
1183443	113738	OR20118300K	110706	36100-32630	110811	37300-2A150	114495
1183455	112046	OR20118400	110389	36100-32640	111305	37300-2A401	115587
1183461	115849	OR20118400B	110389	36100-35010	111241	37300-2A500	114495
1183463	115849	31600-32540	110811	36100-35020	111241	37300-2A600	115587
1183599	113181	34466-15102	111913	36100-35030	111241	37300-2A601	115587
1183618	114464	36100-02500	112322	36100-35040	111241	37300-2A651	115587
1183677	112071	36100-02511	112322	36100-35050	111241	37300-2B101	114467
1183679	114475	36100-02550	112322	36100-35900	111241	37300-2B200	114467
1183714	114475	36100-02555	112322	36100-37210	113020	37300-2B300	115715
12041381	115590	36100-02560	112322	36100-37230	113020	37300-2B400	114467
12153836	114478	36100-02800	112322	36100-38050	113638	37300-2B500	115715
12270187	111978	36100-03100	114760	36100-38090	113521	37300-2B510	115715
12270612	111978	36100-03150	114760	36100-3E020	115977	37300-2B600	115692
12270774	110519	36100-03200	114821	36100-3E100	115977	37300-2F200	115632
1304445	111217	36100-03400	114821	36100-41010	110576	37300-2G100	114827
144440729	115590	36100-03402	114821	36100-41011	110576	37300-2W000	113903
2404401	110766	36100-11110	110479	36100-41012	110576	37300-32134	110804
2918662	110537	36100-11120	110479	36100-42010	110809	37300-32354	112333
2934613	111855	36100-11130	110479	36100-42011	110809	37300-32800	110804
3040715	112046	36100-11140	110479	36100-42050	110809	37300-33000	110802
3362189	110766	36100-11150	110479	36100-42200	111912	37300-33010	110802
4284805	114212	36100-21000	110479	36100-42250	113445	37300-33013	110802
4300006	113181	36100-21730	110315	36100-42300	111912	37300-33030	110802
4757192	111419	36100-21740	110315	36100-42350	113445	37300-33100	110804
8036231	114196	36100-21750	110315	36100-42450	113445	37300-33101	110804
98417208	112097	36100-21770	110958	36100-45501	115751	37300-33102	110804
B15R12X3H762	110536	36100-22000	110315	36100-47600	111476	37300-33103	110804
B4R12X3H762	110536	36100-22800	113659	36100-47650	111565	37300-33110	110804
E1R24X9H7623	115590	36100-22805	113659	36100-4A000	113937	37300-35560	111406
				36100-4A010	113937	37300-35563	111406

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO		
<b>KIA Continued</b>									
37300-35570	111406	37300-4X001	113331	OK90018400C	110808	52-098-11	112568		
37300-35571	111406	37300-4X002	113331	OK95418400	110808	5209812	110949		
37300-35573	111406	37300-4X003	113331	OK95618400	110810	52-098-12	110949		
37300-36030	111314	37300-4X200	112334	OK95618400B	110810	5209813	112831		
37300-37110	113652	37300-4X500	113331	OR20118300K	110706	52-098-13	112831		
37300-37200	113652	37300-4X501	113331	OR20118400	110389	A236292	111700		
37300-37250	114522	37300-4X502	113331	OR20118400B	110389	A236396	110510		
37300-37400	115853	37300-4X503	113331	R20118300	110706	A237131	110510		
37300-37405	113652	37300-4X900	114662	RF0918300	110699	A237132	111700		
37300-37800	115855	37300-4Z300	114766	S0001250303	114892	A237510	110510		
37300-38310	112327	B30118400B	110807	TM000A37201	113659	A237511	111700		
37300-38400	112327	B30318400	110808	AA10118400	111088	A237534	110510		
37300-38700	113517	B35918400	110808	<b>KOHLER</b>				A277214	111701
37300-38710	113517	B67618400A	110808	12-098-02	112244	A277599	111701		
37300-3C120	115737	B6S818400	110808	12-098-03	112546	<b>KOMATSU</b>			
37300-41010	111344	FE1H18400	110810	12-098-04	112244	155-016-3011	110245		
37300-41011	111344	FE5018400D	110808	12-098-05	112150	155-216-3011	110720		
37300-42010	111344	GSL600060	111307	12-098-06	112150	160-976-1361	110421		
37300-42112	111929	JM000A15001	114821	12-098-08	112244	600-813-1420	113206		
37300-42114	111929	JM000A18801	114821	12-098-09	112150	600-813-1720	110568		
37300-42116	111929	K20118300A	111237	1209810	113017	600-813-1721	110568		
37300-42200	110806	K20118301A	111237	12-098-10	113017	600-813-3111	111212		
37300-42202	110806	K99318400	110810	12-098-12	112150	600-813-3121	111212		
37300-42203	110806	KB30318400	114885	1209813	112244	600-813-3122	111212		
37300-42204	110806	KB30318400A	114885	12-098-13	112244	600-813-3130	111212		
37300-42206	110806	KB30818400	114885	12-098-15	112244	600-813-3240	113203		
37300-42303	111929	KK0218400	110807	12-098-19	112244	600-813-3320	110656		
37300-42353	112333	KK32618400	114885	1209821	112150	600-813-3610	114166		
37300-42354	112333	KK33318300	112297	12-098-21	112150	600-813-3611	114166		
37300-42355	112333	KK37018400A	110807	12-098-22	112244	600-813-3612	114166		
37300-42356	112333	KK40118400	110807	2009801	113854	600-813-3613	114166		
37300-42357	112333	KKY0218400	110807	20-098-01	113854	600-813-3630	110555		
37300-42358	112333	KKY0218400C	110807	20-098-05	113854	600-813-3632	110555		
37300-42359	112333	KY0218400	110807	20-098-06	113854	600-813-3681	110555		
37300-42360	112333	MB30118400C	110807	24-098-01	112546	600-813-3710	114166		
37300-42451	113330	MB30318400A	110808	25-098-03	113017	600-813-3711	114166		
37300-42452	113330	MB35918400A	110808	2509804	113017	600-813-3712	114166		
37300-42454	113330	OB6S818400	110808	25-098-04	113017	600-813-3730	114166		
37300-42455	113330	OK001218300	111787	25-098-05	113017	600-813-3731	114166		
37300-42456	113330	OK01118300	111787	25-098-06	113017	600-813-3732	114166		
37300-42457	113330	OK01118300B	111787	2509807	113017	600-813-4000	111212		
37300-42458	113330	OK01118300C	111787	25-098-07	113017	600-813-4410	111212		
37300-42459	113330	OK01118300D	111787	25-098-08	112546	600-813-4421	110656		
37300-42470	113330	OK01218300	111787	2509809	112546	600-813-4470	113203		
37300-42471	113330	OK05418300	112506	25-098-09	112546	600-813-4530	110555		
37300-42473	113330	OK05418300A	112506	25-098-11	112546	600-813-4531	110555		
37300-42502	113343	OK05418300B	112506	32-098-01	114075	600-813-4532	110555		
37300-42542	113519	OK05418300C	113903	32-098-03	114075	600-813-4533	110555		
37300-42620	113343	OK24018400	110808	32-098-04	114075	600-813-4670	111020		
37300-42621	113343	OK24118300	111237	41-098-04	111012	600-813-4671	111020		
37300-42622	113343	OK24118400	110808	41-098-05	111701	600-813-4672	111020		
37300-42624	113343	OK24118400A	110808	4109806	111012	600-813-4680	114164		
37300-42804	111929	OK24118400B	110808	41-098-06	111012	600-813-4681	114164		
37300-42860	113519	OK24118400C	110808	41-098-10	111700	600-813-4682	114164		
37300-42870	113519	OK24418300A	111807	45-098-02	110510	600-813-4790	114164		
37300-42871	113519	OK24A18300	111807	45-098-03	110510	600-813-4791	114164		
37300-42C12	111929	OK2A218300	111237	45-098-04	111701	600-813-4792	114164		
37300-42C13	111929	OK30C18300	113656	45-098-05	111701	600-813-6610	114164		
37300-42Q00	111929	OK30D18300	113656	45-098-07	110510	600-813-6611	114164		
37300-42Q10	111929	OK32618400	114885	4509809	110510	600-813-6612	114164		
37300-43850	111314	OK55218300B	112334	45-098-09	110510	600-813-6632	111020		
37300-43860	111314	OK55218400	113327	4509810	111700	600-813-7110	114166		
37300-45500	113506	OK55218400A	113327	45-098-10	111700	600-813-7111	114166		
37300-47400	113343	OK55318300	112334	45-098-12	110949	600-813-7112	114166		
37300-47450	113343	OK55318300A	112334	45-099-07	110510	600-813-7113	114166		
37300-47451	113343	OK55318300B	112334	48-098-01	111701	600-813-7220	114166		
37300-47500	113519	OK55518300	112334	48-098-02	111701	600-813-7221	114166		
37300-47501	113519	OK55518300A	112334	4809804	111701	600-813-7222	114166		
37300-47503	113519	OK60118400	114762	48-098-04	111701	600-821-2350	111048		
37300-4A000	113792	OK60A18400	114762	48-098-05	111701	600-821-3850	113212		
37300-4A001	113792	OK64018300G	112506	51-098-01	110510	600-821-5580	110562		
37300-4A002	113792	OK65B18300A	114766	52-098-02	110949	600-821-6110	110562		
37300-4A003	113792	OK6S818400	110818	52-098-03	110949	600-821-6120	110562		
37300-4A110	113792	OK71118400	110389	52-098-04	112568	600-821-6130	110562		
37300-4A111	113792	OK71118400A	110389	52-098-06	112831	600-821-6140	110562		
37300-4A112	113792	OK71118400C	110389	52-098-09	110949	600-821-6150	110657		
37300-4A113	113792	OK71F18400B	110389	52-098-10	112831	600-821-6160	110562		
37300-4A300	114287	OK90018400	110808	5209811	112568	600-821-6190	110657		
37300-4X000	113331	OK90018400B	110808						

## STARTERS & ALTERNATORS





O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LADA Continued</b>							
2108370101010	110348	BCA3920	112159	12109	112270	12298	110641
2110-3701010	111811	BLD3314	115386	12110	113477	12306	111355
2110-3708010	112304	BLD3314C	115386	12111	112270	12307	111355
21120370101008	111811	BLD3314GH	115386	12114	110448	12309	110448
2112-03701010-08	111811	BLP3317	115387	12115	112270	12311	113310
2112-37001010	111811	BLP3317A	115387	12118	110694	12318	114807
2112-3701010	111811	M0014502ME	110590	12122	111948	12324	113418
2112-3701010-08	111811			12125	110127	12333	113716
21213-3708010	110352	<b>LESTER</b>		12126	113347	12346	114218
21214-3701010	112191	10805	111864	12129	112270	12349	115793
2121-43701010	112191	10808	111863	12130	113543	12350	114813
221-3708000	110352	10810	111864	12132	111042	12352	114518
222-3701005	110350	10822M	111862	12134	112097	12355	113715
222-3701010	110350	10930	115691	12135	111419	12356	113742
224-370701	110348	10931	113743	12136	112068	12367	110621
224-373701	110348	10932	114516	12138	111495	12372	113531
3101-3708000	110352	10938	114657	12140	111168	12376	111833
37.3701	110348	10939	115463	12144	111289	12379	112529
3708000	110352	11001	113517	12145	111843	12384	112425
4233708	110352	11002	112557	12146	111888	12387	113351
4253708	110352	11019	112079	12147	112170	12388	113448
5102.3771	111811	11020	113652	12148	112170	12389	113351
5702.3708	112304	11025	115797	12149	112493	12390	113600
5722.3708	110352	11055	113782	12151	113632	12405	112112
9402.3701-14	111811	11078	115473	12153	112069	12407	110048
9402-3701000	111811	11081	115708	12154	112112	12410	110052
9412.3701	112191	11102	111264	12159	111843	12411	111397
CT221128	110352	11130	115678	12161	111888	12412	111397
CT22112B	110352	11191	115737	12162	112773	12425	110540
CT2213708000	110352	11202	114827	12164	110891	12432	114079
KAT3K35.3708	110352	112547	112547	12165	110801	12438	113921
KAT3KCT221126	110352	11343	115340	12166	111261	12459	114084
KAT3KCT22112B	110352	11466	115367	12167	111834	12468	115792
KAT3KT22214B	110350	11471	114467	12169	112046	12470	114043
T2223701010	110348	11475	115306	12174	111710	12550	113763
T222-3701010	110348	11559	115320	12175	110540	12571	112803
		11578	115795	12176	111710	12582	114384
		11632	114751	12177	111710	12585	112159
		11633	114902	12179	113921	12650	114190
		11765	111730	12180	110620	12653	114679
		12001	111796	12182	110564	12656	112721
		12002	113412	12183	111018	12656	114251
		12020	110563	12184	111018	12670	115385
		12024	110138	12185	111018	12671	114664
		12029	110899	12186	111017	12728	112559
		12030	111180	12187	110629	12745	113971
		12031	110766	12188	110620	12748	115995
		12038	111948	12189	111048	12756	115803
		12040	111289	12190	113921	12770	115794
		12041	111185	12192	114188	12774	114683
		12043	110107	12195	111830	12775	114113
		12045	110968	12197	111048	12776	114191
		12046	110770	12198	111048	12780	114681
		12047	111740	12199	111048	12782	114379
		12048	111686	12199	113921	12791	114698
		12053	110258	12204	114515	12805	114466
		12055	111195	12212	112252	12807	114085
		12059	110801	12217	110766	12816	115848
		12060	111261	12218	110766	12823	116023
		12066	111215	12219	113470	12851	115633
		12067	110258	12223	111216	12852	114403
		12068	111195	12224	113716	12876	115319
		12072	111738	12239	111366	13014	112098
		12073	111184	12251	110562	13056	110358
		12074	110770	12260	110562	13058	110899
		12077	113562	12264	115780	13059	111397
		12078	112270	12267	111051	13068	111397
		12079	110168	12270	111048	13069	110887
		12080	110620	12271	111048	13075	110611
		12081	115462	12272	112375	13077	110358
		12086	111366	12273	111186	13080	111096
		12088	111355	12278	110134	13094	110360
		12089	111363	12281	112768	13100	111649
		12090	111739	12286	110179	13106	110975
		12091	111740	12288	112270	13107	111289
		12094	112718	12291	111361	13109	110911
		12096	112722	12292	112112	13113	110877
		12097	113413	12293	112345	13128	110048
		12103	111948	12294	112747	13137	111035



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
13138	111086	13446	111315	13742	113071	14030	110179
13140	110138	13450	111375	13751	112328	14037	111185
13143	110445	13451	111376	13753	111779	14049	110759
13147	110913	13455	111538	13754	111468	14050	111185
13153	110358	13456	110496	13760	113373	14052	110048
13193	110105	13457	111518	13763	113365	14054	111204
13194	111649	13458	111477	13766	113362	14057	110912
13196	110664	13465	112687	13774	112193	14061	111139
13203	112736	13470	112687	13783	112327	14071	110913
13204	110882	13474	111264	13784	113439	14088	111184
13205	110890	13482	111579	13785	111237	14129	110137
13206	110882	13483	112860	13786	112362	14131	110248
13207	112742	13485	111678	13787	112328	14184	110138
13208	111226	13491	111199	13788	111807	14189	110133
13213	111279	13494	113085	13790	113559	14194	110133
13214	110967	13495	111965	13792	113489	14213	110128
13223	113051	13499	111517	13793	112530	14223	110128
13227	111342	13501	112101	13797	112530	14231	110264
13232	110682	13503	111517	13798	113486	14249	110514
13234	111435	13509	111285	13800	112557	14267	110805
13240	110682	13512	113091	13801	112072	14282	111397
13242	112777	13521	113076	13802	112078	14293	110912
13243	112734	13523	111237	13803	112530	14294	111035
13244	112746	13533	111266	13814	111478	14299	110168
13245	111193	13537	111537	13815	112426	14303	110168
13249	110802	13549	111264	13816	111478	14375	110137
13250	110631	13551	111579	13818	111902	14390	112098
13251	110632	13552	113089	13819	111902	14391	111141
13265	110927	13553	113090	13822	113358	14392	111085
13266	111578	13554	113090	13827	113372	14394	110881
13269	111895	13557	111468	13838	111895	14395	111153
13271	110802	13559	111807	13839	111309	14396	112729
13275	111611	13578	113067	13846	112193	14408	110913
13277	111480	13580	111530	13849	113340	14410	110913
13280	113051	13592	113069	13850	112075	14412	111035
13285	111266	13593	112583	13851	112079	14415	111139
13289	110804	13594	113235	13852	111353	14421	110881
13294	111609	13596	111406	13853	112402	14427	112531
13297	110664	13597	111406	13857	115791	14436	110659
13309	113051	13599	111530	13870	113803	14449	110496
13316	110967	13605	111479	13873	113607	14456	113077
13321	111435	13606	111352	13882	112193	14457	113077
13322	110682	13607	111076	13884	113302	14502	110258
13323	110682	13608	111285	13889	113634	14510	110258
13327	111264	13613	111369	13900	113420	14515	110137
13329	111264	13614	111807	13901	111381	14516	110137
13334	110631	13622	111988	13903	111820	14571	110136
13335	110631	13623	112806	13908	115789	14572	111139
13336	111279	13625	112765	13921	112399	14578	110563
13338	111435	13637	111704	13922	113751	14585	110267
13339	111435	13639	111381	13925	115788	14587	110168
13341	113063	13640	111726	13926	115787	14589	110168
13351	111406	13646	111787	13930	112399	14592	110458
13355	112529	13649	113035	13931	113283	14594	110931
13356	112194	13655	111352	13932	113283	14597	112270
13357	112806	13656	111479	13933	112399	14605	111148
13359	112194	13657	111381	13935	113563	14611	111705
13360	112777	13658	111353	13942	112002	14622	114464
13361	112693	13664	111946	13946	111989	14643	111428
13367	112734	13667	113089	13947	112002	14647	110168
13374	110913	13675	113433	13948	113656	14648	110697
13376	111354	13679	111779	13951	113283	14652	110307
13380	111353	13680	111779	13952	113273	14655	112970
13381	111477	13692	111806	13953	114836	14663	110707
13384	113085	13700	111285	13959	113902	14668	113077
13385	112102	13701	111309	13961	115935	14668L	113077
13397	111705	13702	111405	13966	113712	14674	110496
13398	113077	13703	111406	13970	112193	14678	110675
13414	111610	13707	110923	13972	111883	14679	111428
13415	111279	13709	112529	13973	113657	14683	110496
13416	111279	13710	111850	13974	115307	14684	110965
13417	112557	13718	111384	13995	116020	14687	112270
13419	112746	13719	112067	13997	113272	14690	110811
13426	110967	13723	111726	14000	111139	14698	110318
13429	110911	13725	112025	14013	110178	14730	110697
13432	111342	13727	112025	14014	110178	14739	110679
13440	111435	13729	111895	14023	111204	14755	110927
13441	111293	13734	112193	14024	110179	14757	110927
13442	111193	13738	113433	14029	110178	14758	110675

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LESTER</b> <i>Continued</i>							
14779	110913	16484	111066	16873	113194	17113	110530
14782	111147	16488	110367	16884	112214	17114	110530
14783	111149	16500	110157	16889	111451	17115	110940
14792	111139	16514	110158	16890	113024	17116	110938
14797	110919	16522	110157	16895	110709	17124	111055
14818	111288	16534	110997	16896	110581	17126	110813
14820	111149	16543	110838	16902	110312	17131	111241
14821	111154	16546	110858	16905	111442	17132	110810
14824	110923	16548	110864	16913	110312	17134	111059
14843	110628	16563	111755	16914	111442	17135	111489
14844	110496	16566	111752	16922	110149	17136	111001
14848	110496	16578	110411	16924	110182	17138	111120
14849	111705	16579	110142	16933	110810	17140	111400
14852	110675	16583	110245	16935	110415	17141	110933
14857	110675	16584	110280	16938	110315	17144	111063
14858	110697	16586	110396	16939	110811	17145	111023
14862	115432	16595	110336	16940	110158	17146	111459
14875	112149	16597	110367	16941	110315	17147	111312
14882	110631	16598	110152	16946	110720	17157	110587
14905	112297	16605	110462	16949	111112	17166	110394
14921	111082	16606	110462	16954	111054	17167	111241
14949	110641	16608	110462	16956	111010	17170	111552
14988	112750	16614	110490	16957	110368	17171	110713
14989	111578	16619	111066	16960	113024	17176	110572
15005	110483	16629	111224	16960D	113024	17181	110808
15017	110482	16635	111224	16960M	113024	17184	110640
15018	110483	16637	110421	16966	110394	17185	110811
15027	110484	16645	110720	16969	110810	17192	110810
15268	111225	16647	110940	16971	111310	17194	110394
15269	111225	16650	110720	16975	112214	17196	111763
15401	110484	16657	110485	16975D	112214	17197	111492
15411	111919	16658	110627	16975M	112214	17211	110158
15421	113144	16659	110529	16977	111442	17213	110158
15422	113145	16660	110438	16978	111544	17214	111305
15423	113146	16664	110818	16980	111490	17219	110640
15435	113148	16668	110818	16984	112660	17220	111241
16121	111102	16669	112136	16990	113725	17223	112131
16122	111102	16674	110411	16993	110249	17228	111752
16133	110336	16675	110411	17000	110323	17229	112135
16184	110336	16686	111100	17005	112541	17234	112052
16186	110336	16689	110997	17006	111349	17236	111911
16191	112296	16696	111451	17009	111120	17246	111608
16197	110156	16702	110367	17010	110807	17252	110323
16201	110155	16706	110411	17011	110842	17256	110713
16203	110144	16708	110149	17025	111059	17257	111793
16205	110142	16710	110485	17027	110246	17263	111544
16207	110156	16711	110277	17028	110447	17278	110154
16209	110277	16731	111451	17030	111060	17281	112295
16210	110256	16737	110260	17038	111851	17286	110507
16211	110142	16739	111683	17040	112440	17288	110958
16215	110421	16744	110578	17043	110862	17291	113141
16216	110421	16755	110367	17044	111683	17295	111312
16217	110152	16756	110367	17059	111451	17300	110552
16218	110152	16758	110411	17068	111069	17302	113428
16220	110396	16771	110386	17071	111573	17303	113132
16222	110152	16774	110278	17072	110565	17307	111885
16223	110154	16775	110279	17073	110523	17311	112036
16225	110154	16790	110411	17074	110536	17315	111404
16231	110154	16791	111475	17075	110536	17316	111047
16238	110152	16793	110292	17077	112660	17317	112342
16258	110421	16794	110256	17081	111275	17318	112041
16271	110156	16795	110182	17084	111764	17320	110527
16299	110869	16797	110585	17085	111114	17321	110212
16353	111054	16798	111005	17086	113478	17325	110529
16360	111054	16799	110578	17092	110522	17326	110530
16363	112249	16805	110277	17093	110813	17353	113429
16367	110997	16823	110396	17094	110533	17354	110421
16369	110537	16830	110708	17095	111755	17355	110245
16372	110531	16831	110411	17096	110947	17362	110942
16400	110367	16833	110397	17097	112178	17363	110245
16401	111058	16840	111442	17098	111021	17365	110962
16408	110865	16843	110249	17099	110485	17367	110938
16438	110364	16853	110809	17100	110626	17368	110820
16445	110368	16854	111461	17103	114309	17372	113725
16450	110363	16857	110389	17106	110525	17375	110485
16458	110856	16858	110149	17108	110512	17376	113203
16463	112295	16859	110149	17110	113668	17380	110941
16464	111047	16863	110158	17111	110529	17382	111087
16466	110367	16864	110315	17112	111004	17383	113681

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
17389	113725	17695	111382	18012	113597	18232	112071
17399	110961	17698	111851	18013	110485	18235	112542
17407	112309	17699	111347	18019	111021	18236	112173
17410	111851	17701	110587	18021	110999	18237	110519
17415	111748	17702	111911	18022	110347	18238	111300
17416	111749	17704	110808	18024	112074	18239	112323
17425	111485	17705	111865	18026	112555	18241	110576
17437	111108	17707	113119	18029	110529	18243	112342
17445	110810	17709	111307	18030	110517	18245	111913
17453	111865	17713	111382	18031	110517	18253	110208
17462	112489	17715	113244	18032	110520	18254	112670
17465	111492	17717	111552	18033	110518	18257	113850
17466	111764	17720	112459	18035	112175	18261	110464
17467	113044	17723	111451	18038	110347	18262	110459
17468	112897	17724	111900	18045	114719	18263	110444
17469	110810	17728	113392	18050	110573	18264	110462
17470	111311	17729	113398	18051	112374	18266	114674
17480	111552	17730	111347	18055	112373	18275	111197
17481	110713	17732	113040	18056	111098	18276	111224
17483	110713	17733	113038	18058	113191	18277	110356
17484	113222	17735	113242	18059	110616	18278	111136
17486	113169	17746	113629	18061	110719	18279	111534
17492	110249	17749	111349	18062	110616	18280	110723
17496	112214	17750	111900	18063	110444	18284	110723
17497	112553	17751	112321	18064	110412	18285	110723
17501	110811	17752	111817	18065	111574	18287	113210
17506	111241	17754	113618	18067	110820	18289	110565
17507	111241	17755	111900	18078	110656	18290	113408
17508	112818	17761	113638	18086	111212	18291	110412
17509	112986	17762	113521	18088	114166	18293	110573
17514	111311	17763	113020	18090	110521	18296	111559
17528	113108	17764	113020	18091	110520	18298	110573
17533	113169	17765	111730	18092	110521	18299	110412
17534	111550	17770	111848	18093	110518	18300	111836
17537	111679	17772	111971	18096	110182	18305	111840
17546	113402	17774	112367	18100	112649	18310	114675
17548	113114	17776	113392	18104	110656	18313	114261
17552	111490	177763	113020	18107	111020	18314	111766
17559	112846	17777	113244	18110	110617	18319	112008
17564	112301	17778	111769	18113	110210	18327	111274
17573	113116	17779	111382	18125	110568	18328	111690
17578	112276	17780	112005	18139	113696	18329	111926
17580	111312	17781	111909	18141	110720	18330	112010
17589	110961	17782	110847	18142	110940	18331	113527
17591	113398	17783	112300	18144	110720	18332	111922
17592	111970	17785	113120	18145	113893	18336	111927
17605	111765	17790	113613	18146	110356	18337	111921
17606	110246	17796	113638	18147	110356	18339	111923
17609	110436	17803	113630	18148	110246	18340	111928
17615	113237	17820	112429	18151	111387	18343	113429
17616	110944	17821	113613	18153	115552	18350	112246
17619	110940	17822	113613	18154	111197	18358	110856
17622	113172	17827	113659	18159	114260	18360	111851
17628	112546	17839	113642	18163	111272	18360	112440
17630	115625	17841	114419	18171	111273	18361	112442
17639	110439	17851	115616	18175	110940	18365	112172
17643	115572	17852	113282	18180	110490	18367	115697
17644	110443	17866	113618	18183	111189	18369	112034
17646	110462	17870	113821	18186	110260	18370	115324
17647	110465	1787-0	113821	18190	110580	18371	110524
17649	110615	17879	111349	18194	111254	18375	110210
17650	110460	17882	113642	18197	113239	18376	110980
17651	110460	17897	113820	18198	113172	18377	112119
17652	111346	17900	113392	18201	110485	18378	110532
17653	110819	17908	113819	18203	112478	18379	110535
17654	112670	17909	113795	18204	112374	18381	110523
17659	111001	17914	113819	18205	110485	18386	111793
17660	110438	17920	113513	18206	112674	18387	113534
17662	112215	17922	114740	18207	110417	18388	111218
17663	111865	17931	115359	18209	111706	18392	112116
17670	110847	17958	114137	18210	113408	18393	110214
17671	113119	17982	115341	18216	110485	18394	111272
17678	114775	17988	114820	18219	113408	18395	112177
17678	115502	17989	115569	18220	111219	18398	113551
17679	113665	18004	111197	18221	110538	18399	112010
17685	112368	18005	110999	18223	110209	18403	114486
17687	111550	18006	111000	182-243	111641	18408	113429
17688	111312	18009	113596	18225	110539	18410	110411
17693	110312	18010	114823	18230	111855	18414	110447

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LESTER</b> <i>Continued</i>							
18415	111915	19622	115450	3054	110999	3502	110414
18416	111918	19644	115993	3059	111000	3505	110218
18417	113211	19648	115595	3063	111000	3508	110216
18420	111917	19668	111015	3074	111000	3508M	110216
18421	112011	19669	111015	3098	112089	3510	110216
18422	111755	19670	111015	30993	112340	3510M	110216
18424	113207	19698	114867	3130	110226	3535	110221
18426	114197	19708	114874	3131	110226	3548	111277
18427	114400	19749	112291	3132	110224	3550	111277
18436	111917	19786	114860	3134	111213	3553	110113
18444	114687	19805	114278	3138	111213	3560	111258
18447	114685	19806	115352	3142	110229	3563	110221
18449	113132	19820	114527	3148	110230	3571	110221
18455	113983	19825	114275	3149	110228	3601	113611
18456	115314	19848	114222	3153	110225	3627	111258
18460	111332	19859	115821	3162	110225	3631N-PG	110216
18461	110814	19869	114165	3168	110225	3664	112897
18462	110519	19872	114712	3175	112963	3681	110216
18467	112249	19880	115465	3182	110225	3689	111258
18470	112034	19897	115972	3184	112963	3691	112897
18480	110545	19906	111683	3185	112965	3696	110218
18486	113727	19917	114168	3188	112016	3720	110569
18490	114213	19920	115535	3191	112963	3744	112089
18490	114253	19942	115954	3204	112584	3745	111000
18491	112676	19948	114017	3205	111183	3757	111000
18502	111029	19963	113985	3207	110509	3760	112089
18512	113663	19975	113995	3209	110231	3767	112089
18513	113231	20013	115365	3219	112584	3785	110999
18521	110656	20113	115315	3220	112584	3800	112897
18533	115817	20122	114832	32207	114856	3823	111000
18535	112544	20129	115834	3221	112592	3824	111000
18541	114445	20150	112151	3224	111844	3838	112897
18542	113669	20224	114303	3227	111844	3876	111190
18571	113550	20291	115798	3228	112030	3902	110347
18596	113538	20453	114882	3231	113222	3919	110241
18600	113538	21514	114779	3232	112030	3948	110999
18630	115755	22148	114828	3233	112592	3955	110999
18638	114715	22169	114129	3238	113222	3958	112089
18645	113528	22721	114876	3239	111844	3962	112089
18662	114104	23190	115790	3250	110223	3972	111224
18727	113540	23216	114187	3257	110223	3974	112089
18737	113541	23243	116017	3258	110222	3977	110569
18753	113547	23246	114468	32580	114051	3978	112089
18754	113546	23326	113903	3261	112235	3980	112089
18756	113545	23353	114877	3262	112340	3987	110436
18793	114103	23358	115370	3263	111374	3991	111224
18870	113681	23501	114809	3267	112646	3999	110436
18886	114182	23542	114700	3268	111183	4*814	112089
18905	116078	23544	114841	32690	114144	4000	111221
18941	113654	23693	112207	32691	114237	4150	111260
18943	112173	23756	113537	3270	112586	4162	112233
18944	113670	23804	114121	32706	113678	4167	110469
18949	112534	23808	113904	32716	113977	4196	110590
18951	113181	23853	113710	32730	114482	4202	111190
18954	113900	23905	114082	32747	115329	4224	111190
18955	114021	23905	116043	32750	114764	4233	110491
18971	114418	23914	114884	32798	115589	4234	110468
18972	114394	23955	114881	32803	114742	4246	110468
18973	114479	24020	115305	3295	110347	4249	110216
18982	113208	24037	113791	3300	112267	4254	110469
18984	113723	24068	115308	33085	112336	4274	110590
18985	113732	24100	114292	33165	114885	4275	112660
18991	115425	30027	114185	33181	115362	4276	112268
18992	115323	30058	114266	33230	115327	4280	110602
19019	115822	30090	114478	33231	115361	4297	112233
19033	114746	30160	115725	33276	114661	4304	112232
19036	114178	30163	112290	33281	115627	4337	110506
19092	115361	30172	114307	33283	113931	4339	112233
19107	114686	30200	115685	33296	115573	4383	110506
19161	115322	30203	115376	33315	114526	4389	111041
19162	114485	30244	116024	33330	114690	4392	112268
19169	114678	30253	114677	33331	115375	4398	110472
19188	115968	30270	115729	33336	115328	4426	110218
19545	115802	30289	115891	3339	110436	4438	111190
19602	114855	30304	115574	3353	111224	4455	111259
19603	115525	30401	115774	3367	111224	4600	110347
19612	114716	30404	115727	3368	111224	4611	112089
19614	114224	30492	114816	3370	110999	4635	112089
19615	114891	3052	110999	3374	110436	4746	110999

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
4791	111000	5771	112150	6371	110436	6583	112267
4894	112243	5774	112831	6372	110436	6584	111041
4927	110347	5775	113017	6378	110999	6585	112253
4937	113384	5776	113539	6379	112255	6586	110602
4946	112007	5777	113853	6380	112255	6588	112268
4960	111221	5783	112130	6382	111224	6589	113452
4963	110590	5785	110241	6383	111224	6594	112652
4987	110999	5796	113854	6386	112255	6598	113435
4997	112243	5797	115388	6387	111224	6600	112668
5092	112249	5801	114075	6392	111224	6607	112253
5177	112130	5802	113017	6393	112255	6615	112233
5179	112130	5896	114521	6398	113125	6616	112232
5200	111861	5898	112570	6399	112255	6618	110436
5234	111043	5915	112568	6401	111127	6636	110436
5265	111043	5917	115406	6403	112255	6646	112608
5268	110636	5918	113594	6405	113695	6656	111374
5270	111043	5919	113476	6407	111786	6670	113703
5278	110647	5922	114888	6409	111786	6672	110347
5279	110240	5930	114520	6410	111224	6686	110436
5281	110647	5932	114519	6415	112911	6687	110436
5285	110644	5933	114517	6416	111034	6688	110436
5287	110648	5936	115591	6419	111034	6703	111374
5290	111043	5937	115592	6420	112233	6713	111049
5294	110645	5951	113593	6423	110216	6722	111260
5295	110648	6148	110469	6425	110216	6723	111123
5299	110649	6157	110602	6431	112898	6724	111848
5320	111000	6166	112268	6437	112911	6726	111684
5388	110650	6167	111041	6438	112911	6728	111259
5389	110650	6168	111222	6440	112233	6737	111760
5392	110649	6179	110590	6442	112897	6744	112546
5393	110649	6188	112243	6448	112898	6764	110347
5397	110644	6203	112089	6449	112240	6779	110999
5399	110654	6207	110999	6459	112169	6780	110999
5400	110241	6208	111000	6468	112341	6789	111699
5401	110654	6224	110436	6469	112341	6791	112239
5701	113015	6229	112089	6470	112897	6792	111786
5702	112567	6230	111000	6471	112904	6794	115740
5706	112832	6232	110999	6472	112898	6803	114013
5707	112832	6241	112243	6473	112911	6804	113550
5708	110648	6243	112089	6476	112898	6806	113550
5709	110645	6245	110347	6477	112904	6822	113550
5712	111043	6246	110436	6478	112898	6824	113550
5713	110647	6252	110436	6479	112897	6825	113550
5714	112156	6253	110436	6481	112900	6833	113827
5716	110647	6254	110436	6482	112906	6837	114330
5718	110240	6260	111000	6483	112912	6904	115801
5719	110644	6269	112169	6485	112241	6911	113550
5722	110644	6287	113695	6488	112902	7006	110074
5723	112145	6289	112255	6489	112902	7024	110236
5724	112247	6292	112243	6490	112905	7072-12	110238
5726	112826	6293	112243	6492	112902	7072-3	110238
5732	110636	6294	112255	6494	112902	7072-9	110238
5734	112146	6300	111699	6508	111000	7078	110237
5735	110649	6310	110221	6511	112089	7107	110075
5736	110648	6312	112911	6513	112089	7111	110075
5738	112827	6313	111034	6519	110604	7117	110075
5739	110636	6316	112910	6525	110436	7122	110075
5741	112157	6317	110221	6526	110999	7127-12	110233
5742	110634	6320	112910	6528	112089	7127-3	110233
5743	110635	6322	112911	6536	112267	7127-6	110505
5744	112242	6323	112911	6541	110604	7127-9	110505
5745	111804	6325	112911	6544	110999	7134-12	110235
5746	112563	6328	110221	6548	113153	7134-3	110235
5747	112566	6334	112910	6551	112089	7134-6	110235
5749	112312	6337	112911	6554	112089	7134-9	110235
5751	112313	6338	110221	6557	110999	7137-12	110235
5752	112564	6339	110221	6560	111786	7137-3	110235
5754	112565	6343	112341	6562	111786	7137-6	110235
5755	110510	6346	113435	6563	111699	7137-9	110235
5756	111012	6349	110436	6570	111221	7145-6	110492
5757	110949	6352	112089	6571	110602	7150	110508
5758	113591	6354	112243	6572	112268	7150-72	110505
5760	111700	6356	112089	6573	112267	7152	111250
5761	110510	6358	112243	6574	111760	7154-12	110505
5763	113592	6359	112243	6575	110604	7157M	112448
5764	112830	6360	110999	6576	110590	7160	110591
5766	111701	6361	110999	6578	111383	7164	110235
5769	112829	6369	110999	6581	111222	7165-12	110075
5770	112244	6370	111000	6582	111760	7176	110952

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LESTER</b> <i>Continued</i>							
7177-12	110505	7585	110173	7914-11	111220	8247	112850
7178-3	110505	7602	110937	7917-11	110985	8252	112954
7179	110952	7608	110937	7921-11	110500	8253	112956
7185-12	110233	7611	110937	7921-3	111711	8259	112961
7185-3	110504	7612	110937	7921-7	112338	8260	112958
7186-12	110505	7614	110937	7925-11	110985	8261	112959
7186-3	110505	7642	112160	7933-11	110503	8264	112958
7195	110505	7644	113432	7937-7	110724	8273	112850
7197	110300	7669	111232	7938-7	110724	8274	112853
7198-12	110505	7670	111232	7944-11	112337	8281	113498
7199-12	110505	7671	111232	7964-11	111220	8282	113498
7239	110937	7673	111232	7964-7	111220	8291	112850
7240	111261	7679	111232	7965	112265	8292	113777
7241	111261	7681	112996	7972	112447	8340	110937
7251	110937	7685	112995	7973	112447	8341	110937
7252	110591	7686	111232	7974-7	110985	8342	110937
7254	111261	7705-12	112914	7975	112265	8360	113579
7263	112261	7711	113765	7976	111232	8361	113579
7266	112989	7712	113765	7977-11	110502	8362	113579
7272-12	110233	7715	112835	7981-7	110500	8370	111576
7272-3	110505	7716-10	112835	8003	112160	8391	110173
7272-6	110508	7716-OE	112835	8012	111232	8392	112294
7272-9	110508	7719-12	112914	8013	111232	8393	110937
7273-12	110471	7729	112835	8019	111232	8415	110175
7273-3	110471	7735-10	111252	8021	111232	8416	110176
7273-3R	110508	7735-2	112842	8022	112995	8419	110937
7273-6	110508	7736	112835	8027	111232	8421	110173
7273-9	110471	7739	111252	8029	112996	8422	110176
7273-9R	110508	7740	111252	8030	112992	8460	113685
7273-R	110508	7745	110239	8050	113549	8465	114172
7276	110937	7748	112936	8052	110422	8466	113692
7282-3	110233	7750	111199	8053	110422	8469	113694
7282-9	110505	7753	112921	8055	110937	8483	114412
7290-12	110492	7759	111199	8056	110408	8532	113710
7290-3	110492	7765	112931	8057	110937	8561	114271
7290-6	110492	7768	111200	8058	113739	8568	114864
7290-9	110492	7770	112936	8062	110591	8600	114359
7292-3	110471	7771	112933	8071	112824	8602	114359
7292-3R	110471	7773	112942	8072	112824	8649	115386
7292-9	110508	7775	112939	8076	112834	8722	115680
7292-9R	110471	7780	112944	8078	112824	8826	113683
7294	110471	7781	112943	8079	112834	9007	110505
7294-12	110471	7782	112943	8098	115520	9045	110505
7294-3	110471	7784	112932	8103-7	111220	9070	110505
7294-6	110471	7787	112946	8108	110682	9187	111388
7294-9	110471	7788	112951	8112-5	112884	9446	110505
7294-R	110505	7790	112940	8114-3	111854	9787	111388
7296	110801	7795	112947	8127-11	112886	9913	110505
7300	110937	7796	112949	8128	112860	9928	110505
7305	110427	7802-11	110984	8130-11	110499	9970	110233
7331	110427	7802-3	110984	8160	112613	M201124	112860
7339	110408	7802-7	110502	8160	112614	M20233	112932
7344	110371	7804-11	110502	8160-11	111223		
7359	110422	7806-2	112880	8160-5	112613		
7374	110170	7817-3	110724	8160-7	112614		
7379	110408	7819-11	110503	8165-11	110500		
7380	110408	7830	110471	8165-3	111711		
7383	110408	7830-3	110471	8165-7	110500	11572610	111662
7388	110177	7830-3R	110471	8166-11	111090	1157326	114411
7392	110173	7830-9	110471	8169-7	111388	563R0610	115697
7412	110176	7853	111713	8172-7	112888	563R0780	114105
7427	110408	7853-6	111713	8196-7	112888	58101330	111015
7461	110408	7854-9	110235	8200	112615	58400070	112039
7467	110801	7858-11	110498	8200-11	112615	58400720	114478
7475	110408	7859-7	111388	8201-5	112884	5840142	112171
7478	110487	7860-7	111388	8203-5	112893	58401420	112171
7479	110487	7861-11	112640	8206-5	111712	5840147	115816
7480	110488	7861-7	110500	8211-5	112893	58401760	113177
7481	110488	7867-11	110498	8217-3	111854	58401760	115329
7482	110177	7880-11	110499	8219-5	112893	58401910	114053
7484	110487	7880-7	111388	8227	111712	58401940	111015
7486	110177	7884-11	112640	8227-5	111712	58401990	114052
7498	110408	7886-11	110503	8228-7	112868	58402060	114741
7499	110408	7888-11	111090	8231	112665	58402090	114052
7505	110236	7888-7	111090	8231-5	112665	58402180	113706
7509	110236	7890-11	110984	8233	111223	58402230	112034
7546	110514	7897-11	110986	8237	112853	58402240	115816
7549	110514	7902-11	110986	8238	112850	58402280	115697
7564	112993	7914	112636	8239	111426	58402610	115344

**LETRIKA → ISKRA**

**LOMBARDINI**

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
58402670	115537	22764	110484	23582B	110969	23618E	111184
58402680	115344	22764A	110484	23582D	110969	23619	111184
<b>LUCAS</b>		22764E	110484	23583	110179	23619A	111184
004001C01	113683	22765	110482	23583A	110179	23619D	111184
063102021010	114123	22765B	110482	23583B	110179	23620	110178
114360	114360	22765J	110482	23584	110178	23620A	110178
1-2507-01ND	113803	22767	110482	23584A	110178	23620B	110178
16ACR	110178	22767D	110482	23585	110179	23620D	110178
22250	110482	22767F	110482	23585A	110179	23620E	110178
22255	110483	22769	110484	23590	110178	23621	110178
22258	110482	22769B	110484	23590A	110178	23622	111185
22259	110483	22769D	110484	23590D	110178	23622A	111185
22259D	110483	22775	110482	23590E	110178	23622B	111185
22272	110482	22775A	110482	23590H	110178	23623	110178
22295	110482	22775E	110482	23591	110179	23623A	110178
22297	110482	22780	110483	23591A	110179	23623B	110178
22615	110512	22780A	110483	23591D	110179	23623D	110178
22700	110482	22780B	110483	23591E	110179	23623E	110178
22700L	110482	22780D	110483	23592	110179	23624	110179
22700R	110482	22783	110484	23592A	110179	23624A	110179
22703	110483	22783A	110484	23592D	110179	23624B	110179
22703F	110483	22785	110482	23592E	110179	23625	110178
22703K	110483	22785A	110482	23593	110178	23625A	110178
22703L	110483	22785D	110482	23593A	110178	23625B	110178
22703M	110483	22788	110483	23593D	110178	23626	110179
22704	110482	22788A	110483	23593E	110178	23626A	110179
22704A	110482	22789	110482	23595	110178	23626B	110179
22704D	110482	22789A	110482	23595A	110178	23627	110178
22704H	110482	22791	110483	23597	110178	23627A	110178
22704J	110482	22791A	110483	23597A	110178	23627B	110178
22704L	110482	22792	110484	23597B	110178	23629	110179
22704Q	110482	22792A	110484	23597D	110178	23629A	110179
22705	110482	23544	110178	23598	110178	23629B	110179
22705F	110482	23544A	110178	23598A	110178	23629D	110179
22705L	110482	23544F	110178	23598B	110178	23630	110178
22708	110483	23544H	110178	23600	110179	23630A	110178
22715	110482	23548	110178	23600A	110179	23630B	110178
22715E	110482	23548A	110178	23600B	110179	23630E	110178
22715F	110482	23548D	110178	23602	110178	23631	110179
22715H	110482	23548E	110178	23602A	110178	23631A	110179
22715J	110482	23554	110178	23602B	110178	23631D	110179
22715K	110482	23562	110178	23603	110178	23632	110179
22717	110482	23562A	110178	23603A	110178	23632A	110179
22719	110483	23562B	110178	23603B	110178	23632E	110179
22719H	110483	23562D	110178	23603D	110178	23634	110178
22719J	110483	23565	110178	23605	110178	23634A	110178
22725	110482	23565A	110178	23605A	110178	23634D	110178
22733	110483	23565B	110178	23605D	110178	23635	110178
22733E	110483	23566	110178	23605E	110178	23635A	110178
22733J	110483	23566A	110178	23606	110178	23635D	110178
22742	110482	23568	110179	23606A	110178	23636	110178
22742E	110482	23568A	110179	23606D	110178	23636A	110178
22742K	110482	23569	110178	23606E	110178	23636B	110178
22747	110482	23569A	110178	23606F	110178	23636D	110178
22747A	110482	23569B	110178	23609	110179	23637	110178
22747B	110482	23570	110178	23609A	110179	23637A	110178
22748	110482	23570A	110178	23609B	110179	23637B	110178
22748A	110482	23570B	110178	23610	110178	23637D	110178
22748B	110482	23572A	110179	23610A	110178	23640	110178
22754	110482	23572B	110179	23611	110179	23640A	110178
227542	110482	23572D	110179	23611A	110179	23640B	110178
22756	110484	23573	111185	23612	110178	23640D	110178
22756A	110484	23573A	111185	23612A	110178	23641	110179
22756B	110484	23573B	111185	23614	110178	23641A	110179
22756C	110484	23573D	111185	23614A	110178	23641B	110179
22756D	110484	23574	110179	23614B	110178	23641D	110179
22756E	110484	23575	110178	23614D	110178	23642	110178
22756G	110484	23575A	110178	23616	111184	23642A	110178
22756H	110484	23575B	110178	23616A	111184	23642B	110178
22758	110484	23575D	110178	23616B	111184	23643	110178
22758A	110484	23576	110179	23616D	111184	23643A	110178
22758E	110484	23576A	110179	23617	111185	23643B	110178
22761	110484	23576B	110179	23617A	111185	23644	110179
22761B	110484	23576D	110179	23617B	111185	23644A	110179
22761E	110484	23581	110178	23617D	111185	23644B	110179
22762	110484	23581A	110178	23618	111184	23645	110179
22762B	110484	23581E	110178	23618A	111184	23645A	110179
22762E	110484	23582	110969	23618B	111184	23645B	110179
		23582A	110969	23618D	111184	23646	110179

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
23646A	110179	23675B	110179	23706A	110178	23739A	111185
23646B	110179	23675D	110179	23706B	110178	23739B	111185
23647	110178	23676	110178	23706D	110178	23740	113378
23647A	110178	23676A	110178	23707	110179	23740A	111185
23647B	110178	23676B	110178	23707A	110179	23740B	111185
23647D	110178	23676D	110178	23707B	110179	23741	110178
23648	110178	23677	111185	23708	110178	23741A	110178
23648A	110178	23677B	111185	23708A	110178	23741B	110178
23648B	110178	23678	110178	23708B	110178	23742	110178
23649	110178	23678A	110178	23709	111185	23742A	110178
23649A	110178	23678B	110178	23709A	111185	23743	110178
23649B	110178	23678D	110178	23709B	111185	23743A	110178
23650	110178	23679	110178	23709D	111185	23743B	110178
23650A	110178	23679A	110178	23711	110178	23745	110178
23650B	110178	23679B	110178	23711A	110178	23745A	110178
23651	110178	23679D	110178	23711D	110178	23747	110178
23651A	110178	23680	113574	23712	110179	23747A	110178
23652	110179	23680A	113574	23712A	110179	23748	110178
23652A	110179	23680D	113574	23713	110178	23748A	110178
23652B	110179	23683	111184	23713A	110178	23748E	110178
23653	110179	23684	111185	23713B	110178	23749	110968
23653A	110179	23685	110178	23713D	110178	23750	110178
23653B	110179	23685A	110178	23714	110178	23750A	110178
23654	110179	23685B	110178	23714A	110178	23751	111185
23654A	110179	23685D	110178	23714D	110178	23751A	111185
23654B	110179	23686	110968	23715	110178	23751D	111185
23655	110179	23686A	110968	23715A	110178	23752	110179
23655A	110179	23686B	110968	23715B	110178	23752A	110179
23655B	110179	23687	110179	23715D	110178	23752B	110179
23656	110179	23687A	110179	23716	110178	23753	110178
23656A	110179	23687B	110179	23716A	110178	23753A	110178
23656B	110179	23690	110179	23716D	110178	23753B	110178
23657	110179	23690A	110179	23717	110178	23754	110179
23658	110178	23690B	110179	23717A	110178	23754A	110179
23658A	110178	23691	111185	23717B	110178	23754B	110179
23658B	110178	23691A	111185	23717E	110178	23755	110178
23659	110179	23691B	111185	23718	110178	23755A	110178
23659A	110179	23692	111184	23718A	110178	23756	111185
23659B	110179	23692A	111184	23718D	110178	23756A	111185
23660	110178	23692B	111184	23719	111185	23756D	111185
23660A	110178	23693	111185	23719A	111185	23758	111184
23660B	110178	23693A	111185	23719D	111185	23758A	111184
23661	110178	23693B	111185	23720	111184	23758B	111184
23661A	110178	23693E	111185	23721	111185	23759	111185
23661B	110178	23694	110178	23721A	111185	23759A	111185
23661D	110178	23694A	110178	23723	110969	23759D	111185
23662	110178	23694B	110178	23723A	110969	23760	111184
23662A	110178	23694E	110178	23724	110178	23760A	111184
23662B	110178	23695	110178	23724A	110178	23760D	111184
23662D	110178	23695A	110178	23725	110179	23761	110178
23663	110179	23695B	110178	23725A	110179	23761A	110178
23663A	110179	23695D	110178	23726	110178	23761B	110178
23663B	110179	23696	110969	23726A	110178	23762	110178
23663D	110179	23696A	110969	23728	110178	23762A	110178
23664	110178	23696B	110969	23728A	110178	23762B	110178
23664A	110178	23696D	110969	23728D	110178	23763	110179
23664B	110178	23697	113378	23729	110179	23763A	110179
23665	110179	23697A	111185	23729A	110179	23764	110968
23665A	110179	23697B	111185	23729B	110179	23764A	110968
23665B	110179	23697D	111185	23730	110178	23765	111185
23666	110178	23699	110178	23730A	110178	23765A	111185
23666A	110178	23699A	110178	23730B	110178	23765B	111185
23666B	110178	23700	110178	23731	110178	23766	111185
23667	110969	23700A	110178	23731A	110178	23766A	111185
23667A	110969	23700F	110178	23734	110178	23766B	111185
23667B	110969	23701	110179	23734A	110178	23767	111185
23667D	110969	23701A	110179	23735	110178	23767A	111185
23668	110178	23701F	110179	23735A	110178	23767B	111185
23668A	110178	23702	111184	23735B	110178	23768	111184
23668B	110178	23702A	111184	23736	110179	23768A	111184
23668D	110178	23702D	111184	23736A	110179	23768B	111184
23673	111184	23702E	111184	23736B	110179	23769	110178
23673A	111184	23703	110178	23737	111185	23769A	110178
23673B	111184	23703A	110178	23737A	111185	23769D	110178
23674	110178	23703B	110178	23737D	111185	23770	110179
23674A	110178	23704	110179	23738	111184	23770A	110179
23674B	110178	23704A	110179	23738A	111184	23770D	110179
23675	110179	23704B	110179	23738D	111184	23771	111185
23675A	110179	23706	110178	23739	113378	23771A	111185

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
23771B	111185	23810	111184	23844	110178	23909A	110178
23772	110178	23810A	111184	23844A	110178	23910	110179
23773	110179	23810B	111184	23844B	110178	23910A	110179
23773A	110179	23811	111185	23845	111185	23911	110178
23773B	110179	23811A	111185	23845A	111185	23911A	110178
23774	110178	23811D	111185	23845B	111185	23912	110179
23774A	110178	23813	110178	23846	113378	23912A	110179
23774D	110178	23813A	110178	23846A	111185	23914	110178
23775	110179	23813D	110178	23847	110178	23914A	110178
23775A	110179	23813E	110178	23847A	110178	23915	110178
23775D	110179	23814	113378	23848	111185	23915A	110178
23777	110178	23814A	111185	23848A	111185	23915B	110178
23777A	110178	23814B	111185	23850	110178	23916	110179
23777B	110178	23814D	111185	23850A	110178	23916A	110179
23778	110178	23814E	111185	23851	110178	23917	110179
23778A	110178	23816	110178	23851A	110178	23917A	110179
23778D	110178	23816A	110178	23852	110179	23917B	110179
23779	111185	23816B	110178	23852A	110179	23918	110178
23779A	111185	23818	110179	23852E	110179	23918A	110178
23779D	111185	23818A	110179	23853	110178	23919	110178
23780	110179	23818D	110179	23853A	110178	23919A	110178
23780A	110179	23819	110179	23854	110179	23920	110178
23780E	110179	23819A	110179	23854A	110179	23920A	110178
23781	110179	23819B	110179	23855	110178	23920B	110178
23781A	110179	23820	110179	23855A	110178	23921	110179
23782	110178	23820A	110179	23855B	110178	23921A	110179
23782A	110178	23820B	110179	23856	110179	23922	110179
23782D	110178	23821	110178	23856A	110179	23922A	110179
23783	113474	23822	110179	23857	111184	23923	110179
23783A	113474	23822A	110179	23857A	111184	23923A	110179
23785	110968	23822B	110179	23857B	111184	23924	111185
23785A	110968	23823	110178	23857E	111184	23924A	111185
23786	110969	23823A	110178	23860	111184	23925	111185
23786A	110969	23823B	110178	23860A	111184	23925A	111185
23793	110179	23824	110179	23862	113474	23926	111184
23793A	110179	23824A	110179	23862A	113474	23926A	111184
23793B	110179	23824B	110179	23864	111086	23927	111184
23794	110179	23825	110178	23864A	111086	23927A	111184
23794A	110179	23825A	110178	23865	111948	23928	111184
23794D	110179	23825B	110178	23865A	111948	23928A	111184
23795	110178	23826	110969	23872	111184	23929	111289
23795A	110178	23826A	110969	23872A	111184	23929A	111289
23795D	110178	23826B	110969	23873	111185	23929D	111289
23796	110178	23827	110178	23873A	111185	23935	110969
23796A	110178	23827A	110178	23874	110178	23935A	110969
23796D	110178	23827B	110178	23874A	110178	23937	113474
23797	110178	23828	111184	23878	110178	23937A	113474
23797A	110178	23828A	111184	23878A	110178	23938	113474
23797D	110178	23828D	111184	23880	111948	23938A	113474
23799	110178	23830	113378	23880A	111948	23939	110179
23799A	110178	23830A	111185	23882	110968	23939A	110179
23799B	110178	23830B	111185	23882A	110968	23940	110179
23800	110179	23831	110178	23882B	110968	23940A	110179
23800A	110179	23831A	110178	23886	110178	23941	110179
23800D	110179	23832	110968	23886A	110178	23941A	110179
23801	110179	23832A	110968	23886B	110178	23942	110178
23801A	110179	23832B	110968	23889	110178	23942A	110178
23801B	110179	23833	113474	23889A	110178	23943	113474
23802	110178	23833A	113474	23890	111185	23943A	113474
23802A	110178	23835	111948	23890A	111185	23944	110178
23802B	110178	23835A	111948	23891	111185	23944A	110178
23804	110178	23835E	111948	23891A	111185	23945	111185
23804A	110178	23837	110178	23893	111185	23945A	111185
23804D	110178	23837A	110178	23893A	111185	23946	111185
23805	110178	23837D	110178	23895	110178	23946A	111185
23805A	110178	23838	110178	23895A	110178	23947	111184
23805E	110178	23838A	110178	23896	111289	23947A	111184
23806	111185	23839	111185	23896A	111289	23948	110179
23806A	111185	23839A	111185	23902	113474	23948A	110179
23806B	111185	23839B	111185	23902A	113474	23949	110179
23807	113378	23840	110178	23903	110178	23949A	110179
23807A	111185	23840A	110178	23903A	110178	23950	110179
23807B	111185	23841	111184	23904	110178	23950A	110179
23808	111185	23841A	111184	23904A	110178	23951	110179
23808A	111185	23842	111185	23905	111184	23951A	110179
23808F	111185	23842A	111185	23905A	111184	23952	110179
23809	111184	23843	110178	23906	111184	23952A	110179
23809A	111184	23843A	110178	23906A	111184	23953	110179
23809B	111184	23843D	110178	23909	110178	23953A	110179

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
23954	110179	24034A	113474	24094	110178	24165A	111289
23954A	110179	24036	111185	24094A	110178	24166	111204
23959	110178	24036A	111185	24095	110178	24166A	111204
23960	110179	24037	111289	24095A	110178	24169	111366
23961	111184	24037A	111289	24098	111289	24169A	111366
23961A	111184	24037B	111289	24098A	111289	24169E	111366
23962	110178	24041	111078	24098F	111289	24171	110641
23962A	110178	24041A	111078	24099	111185	24171A	110641
23963	110179	24041E	111078	24099A	111185	24177	111364
23963A	110179	24041F	111078	24103	110178	24177A	111364
23968	110968	24041H	111078	24103A	110178	24178	111364
23968A	110968	24044	110969	24108	110179	24178A	111364
23973	110178	24044A	110969	24108A	110179	24179	110178
23973A	110178	24045	110968	24112	111289	24179A	110178
23974	110178	24045A	110968	24112A	111289	24180	110179
23974A	110178	24046	110891	24114	111184	24180A	110179
23983	111185	24046A	110891	24114A	111184	24181	111289
23983A	111185	24046D	110891	24114F	111184	24181A	111185
23984	111184	24048	110179	24115	111184	24182	111184
23984A	111184	24048A	110179	24115A	111184	24182A	111184
23985	111185	24049	113574	24115F	111184	24185	111185
23985A	111185	24049A	113574	24118	111086	24185A	111184
23986	111204	24049B	113574	24118A	111086	24186	111740
23986A	111204	24051	110178	24118H	111086	24186A	111740
23989	110178	24051A	110178	24118J	111086	24186B	111740
23989A	110178	24052	110178	24119	111364	24186D	111740
23990	110178	24052A	110178	24119A	111364	24188	110607
23990A	110178	24054	111289	24119H	111364	24188	111754
23991	111204	24054A	111289	24123	111948	24188A	110607
23991A	111204	24054F	111289	24123A	111948	24188B	110607
23993	113378	24058	110178	24123B	111948	24188C	110607
23993A	111185	24058A	110178	24123P	111948	24188D	110607
23994	111185	24059	110179	24124	110107	24188E	110607
23994A	111185	24059A	110178	24124A	110107	24198	111366
23994B	111185	24061	111185	24124B	110107	24198A	111366
23995	110968	24061A	110178	24128	111289	24198B	111366
23995A	110968	24061B	110178	24128A	111289	24198D	111366
23996	113474	24062	111086	24128D	111289	24199	111289
23996A	113474	24062A	111086	24133	110179	24199A	111289
23996D	113474	24063	110968	24133A	110179	24199B	111289
23999	111204	24063A	110968	24133B	110179	24199D	111289
23999A	111204	24063D	110968	24134	111185	24200	111364
23999B	111204	24064	110969	24134A	111185	24200A	111364
24013	113474	24064A	110969	24134E	111185	24200B	111364
24013A	113474	24064B	110969	24136	111289	24200D	111364
24014	111204	24065	111185	24136A	111289	24200E	111364
24014A	111204	24065A	111185	24136F	111289	24202	111355
24015	113474	24065B	111185	24137	111289	24203	111035
24015A	113474	24066	111184	24137A	111289	24203B	111035
24016	111204	24066A	111184	24140	110178	24204	110107
24016A	111204	24066B	111184	24140A	110178	24204A	110107
24017	111204	24066D	111184	24141	110179	24206	110891
24017A	111204	24067	113474	24144	111289	24206A	110891
24019	111948	24067A	113474	24144A	111289	24206B	110891
24019A	111948	24067D	113474	24145	111364	24206D	110891
24022	111948	24071	110968	24145A	111364	24206F	110891
24022A	111948	24071A	110968	24145D	111364	24206H	110891
24023	110179	24072	113378	24145E	111364	24207	111176
24023A	110179	24072A	111356	24149	111086	24207A	111176
24024	111185	24072B	111356	24149A	111086	24208	110770
24024A	111185	24079	113378	24153	110179	24208A	110770
24024B	111185	24079A	111185	24153A	110179	24208B	110770
24024D	111185	24082	111185	24156	111364	24209	111355
24024E	111185	24082A	111185	24156A	111364	24209A	111355
24024F	111185	24083	111184	24156D	111364	24209B	111355
24026	111185	24083A	111184	24156E	111364	24211A	113378
24026A	111185	24087	111948	24157	110770	24213	111035
24026B	111185	24087A	111948	24157A	110770	24213A	111035
24027	111086	24087B	111948	24157D	110770	24214	111035
24027A	111086	24087D	111948	24157E	110770	24214A	111035
24027B	111086	24089	111289	24157F	110770	24214B	111035
24028	111184	24089A	111289	24158	111355	24215	111362
24028A	111184	24089F	111289	24158A	111355	24215A	111362
24031	110968	24090	113474	24158B	111355	24217	111176
24031A	110968	24090A	113474	24158D	111355	24217A	111176
24031B	110968	24090D	113474	24161	112238	24217B	111176
24033	110107	24091	110891	24161A	112238	24217E	111176
24033A	110107	24091A	110891	24161D	112238	24217F	111176
24034	113474	24091E	110891	24165	111289	24219	111366

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
24220	110891	24286A	111361	25075	111102	25250	110831
24220A	110891	24286F	111361	25079	111103	25250A	110831
24220B	110891	24289	111362	25079A	111103	25250D	110831
24221	111176	24289A	111362	25079B	111103	25250J	110831
24221A	111176	24290	111738	25079C	111103	25255	110831
24221B	111176	24290A	111738	25079D	111103	25255A	110831
24223	111368	24291	111355	25079E	111103	25255D	110831
24223A	111368	24291A	111355	25079F	111103	25255H	110831
24228	112238	24293	111623	25079H	111103	25257	110363
24228A	112238	24293	111742	25079J	111103	25257A	110363
24229	110891	24293	115890	25079X	111103	25257D	110363
24229A	110891	24293A	111623	25083	111102	25270	110336
24229D	110891	24293A	111742	25083A	111102	25270A	110336
24230	110607	24293A	115890	25083E	111102	25270K	110336
24230	111754	24294	111355	25083F	111102	25270X	110336
24230A	110607	24294A	111355	25083H	111102	25271	110336
24230B	110607	24294B	111355	25083J	111102	25271A	110336
24230E	110607	24296	111364	25083X	111102	25271F	110336
24231	111368	24296A	111364	25085	111103	25272	110336
24231A	111368	24297	112238	25085A	111103	25272A	110336
24231D	111368	24297A	112238	25085B	111103	25272B	110336
24233	110891	24298	110770	25087	111103	25272H	110336
24235	110968	24298A	111362	25088	111103	25276	110831
242358	110968	24299	111569	25088A	111103	25276A	110831
24235A	110968	24300	110770	25088B	111103	25276E	110831
24235B	110968	24300A	110770	25088E	111103	25277	110831
24235D	110968	24308	111741	25088H	111103	25277A	110831
24237	111184	24308A	111741	25088J	111103	25277F	110831
24237A	111184	24318	111289	25089	111102	25281	110831
24240	112238	24318A	111289	25092D	111103	25281A	110831
24240A	112238	24322	112722	25097	111103	25281B	110831
24241	112238	24322A	112722	25105	111102	25281E	110831
24241A	112238	24322B	112722	25105A	111102	25286	110363
24242	112238	24327A	111363	25105B	111102	25286A	110363
24242A	112238	24332	111364	25105X	111102	25286D	110363
24242D	112238	24332A	111364	25112	111102	25288	110831
24245	111355	24334	111176	25138	111103	25288A	110831
24245A	111355	24334A	111176	25138A	111103	25288D	110831
24245B	111355	24356	111355	25138J	111103	25288H	110831
24246	111363	24356A	111355	25147	111102	25289	110336
24246A	111363	24374A	111623	25147A	111102	25289A	110336
24246B	111363	24374A	111742	25147B	111102	25289D	110336
24246F	111363	24374A	115890	25147D	111102	25289H	110336
24246J	111363	24380	112238	25147E	111102	25289J	110336
24249	111362	24380A	112238	25147H	111102	25331	110831
24250	111740	24387	111355	25149	111103	25331A	110831
24250A	111740	24390	111355	25149B	111103	25331B	110831
24250B	111740	24396	111623	25149D	111103	25331D	110831
24256	111363	24396	111742	25149H	111103	25333	110831
24256A	111363	24396	115890	25196	111102	25333A	110831
24256B	111363	24400	111740	25196A	111102	25335	110336
24257	111741	24403	111176	25196F	111102	25335A	110336
24257A	111741	24405	111368	25201	111103	25335B	110336
24257D	111741	24406	111569	25204	110336	25339	111118
24257F	111741	24407	112722	25204A	110336	25339A	111118
24259	111176	24408	110770	25204E	110336	25339D	111118
24260	111364	24409	111368	25204H	110336	25339E	111118
24260A	111364	24411	111361	25204L	110336	25339F	111118
24260B	111364	24413	111569	25205	110336	25339J	111118
24261	111362	24418	111361	25205A	110336	25339K	111118
24261A	111362	24448	111740	25205J	110336	25345	111102
24262	111364	24450	112722	25205L	110336	25345A	111102
24262A	111364	24454	110770	25206	110831	25356	110831
24264	110607	24479	113763	25206J	110831	25356A	110831
24264	111754	24480	113763	25206T	110831	25357	110336
24264A	110607	25016	111103	25208	110336	25357A	110336
24264A	111754	25022	111103	25208A	110336	25368	110831
24264B	110607	25022F	111103	25208E	110336	25368A	110831
24271	113920	25022Q	111103	25219	112390	25372	114650
24272	110770	25022R	111103	25219K	112390	25372A	114650
24273	111739	25024	111103	25238	111102	25648	110336
24273A	111739	25024044A	110441	25238A	111102	25648A	110336
24274	111740	25041	111103	25238E	111102	25648K	110336
24274A	111740	25061	111103	25239	111103	25681	111865
24276	110770	25061D	111103	25239A	111103	25681A	111865
24276A	110770	25062	111103	25239F	111103	25681D	111865
24277	111362	25063	111103	25249	110336	25692	113745
24277A	111362	25065	111103	25249B	110336	25692A	113745
24286	111361	25071	111102	25249F	110336	25692F	113745

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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
25692H	113745	26166A	110464	26259K	110440	26321B	110440
25692J	113745	26166D	110464	26259L	110440	26321D	110440
25696	111865	26166E	110464	26259N	110440	26321F	110440
25696A	111865	26166L	110464	26264	110439	26323	110565
25696E	111865	26167	110818	26265	110465	26323A	110565
25696H	111865	26167A	110818	26267	111865	26329	113380
25696J	111865	26167D	110818	26270	115572	26329A	113380
25755	113745	26167E	110818	26273	110819	26329B	113380
25755A	113745	26167L	110818	26274	110565	26329D	113380
25756	113745	26173	110818	26275	114730	26329K	113380
25756A	113745	26173A	110818	26278	110818	26329L	113380
26021103	110482	26173B	110818	26281	110442	26330	110462
26021104	110483	26173E	110818	26281A	110442	26336	112660
26021117	112650	26173F	110818	26281E	110442	26338	110462
26021235	111185	26186	110439	26281F	110442	26339	110462
26021276	113683	26186A	110439	26281H	110442	26339A	110462
26021278	113683	26186E	110439	26281J	110442	26339B	110462
26024033A	113478	26189	110462	26281R	110442	26339D	110462
26024070A	113670	26189A	110462	26283	110443	26339H	110462
26024242A	114821	26189F	110462	26283A	110443	26339K	110462
26024243	111184	26193	110438	26283F	110443	26341	110465
26025009B	110615	26193A	110438	26283H	110443	26341A	110565
26025016A	110368	26193D	110438	26283K	110443	26341B	110465
26025110A	111574	26196	110443	26284	110545	26341D	110465
26025115	113670	26196A	110443	26284E	110545	26341J	110465
26025115A	113670	26196B	110443	26285	110817	26342	110545
26025117A	110523	26198	110442	26285A	110817	26342A	110545
26025128A	110442	26198A	110442	26285E	110817	26342B	110465
26025136A	110524	26200	110439	26285F	110817	26342D	110545
26025198A	110440	26200A	110439	26286	110464	26342K	110545
26071	110818	26200B	110439	26286A	110464	26342L	110465
26071H	110818	26211	110462	26286E	110464	26343	111573
26071J	110818	26211A	110462	26286F	110464	26343A	111573
26137	110462	26211A/L	110462	26286H	110464	26343B	111573
26143	110818	26211D	110462	26286J	110464	26343D	111573
26143A	110818	26211E	110462	26288	110438	26343K	111573
26143B	110818	26211H	110462	26288A	110438	26344	110819
26143H	110818	26211L	110462	26288E	110438	26345	110565
26143J	110818	26211M	110462	26288F	110438	26345A	110565
26143K	110818	26211N	110462	26290	110813	26345B	110565
26143L	110818	26211Q	110462	26291	110462	26345D	110565
26143M	110818	26211T	110462	26294	110615	26345J	110565
26143N	110818	26211U	110462	26294A	111737	26349	110459
26143P	110818	26213	110462	26294B	111737	26349A	110459
26143Q	110818	26213A	110462	26294D	111737	26349B	110459
26143R	110818	26220	110439	26294E	111737	26349D	110459
26145	110439	26220A	110439	26294F	111737	26349H	110459
26145A	110439	26227	110462	26294N	111737	26351	111573
26145F	110439	26227A	110462	26294Q	111737	26352	110462
26145H	110439	26227D	110462	26295	114650	26355	110461
26145N	110439	26227E	110462	26295A	110460	26356	110461
26147	110462	26227F	110462	26295B	110460	26357	111737
26147A	110462	26227H	110462	26295D	110460	26357A	111737
26147H	110462	26227J	110462	26295E	110460	26357B	111737
26147J	110462	26227K	110462	26295F	110460	26357E	111737
26147M	110462	26227N	110462	26295M	110460	26357R	111737
26148	110443	26227Q	110462	26298D	111346	26358	114650
26148A	110443	26227R	110462	26304	111573	26358A	110460
26148F	110443	26227V	110462	26304A	111573	26358B	110460
26148H	110443	26233	110439	26304B	111573	26358H	110460
26148N	110443	26233A	110439	26304D	111573	26359	111737
26151	110442	26233B	110439	26305	113380	26359A	111737
26151A	110442	26233F	110439	26305A	113380	26359B	111737
26151F	110442	26233H	110439	26305B	113380	26359F	111737
26151H	110442	26233J	110439	26305D	113380	26360	110465
26151N	110442	26233K	110439	26305H	113380	26364	110462
26153	110464	26233L	110439	26305J	113380	26365	110819
26153A	110464	26233M	110439	26305N	113380	26366	110565
26153H	110464	26242	110545	26310	110817	26366A	110565
26153J	110464	26246	111573	26310A	110817	26366F	110565
26153N	110464	26246A	111573	26310D	110817	26369	111737
26154	110439	26246E	111573	26310E	110817	26369A	111737
26154A	110439	26246L	111573	26310F	110817	26369H	111737
26154H	110439	26246M	111573	26310H	110817	26369J	111737
26154J	110439	26251048	111385	26311	110465	26371	110444
26154L	110439	26256	110440	26312	113380	26371A	110444
26154M	110439	26256963	110615	26316	110462	26371D	110444
26154N	110439	26259	110440	26321	110440	26371E	110444
26166	110464	26259A	110440	26321A	110440	26371F	110444

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
26374	110460	26660	113346	27311A	112670	27470A	110439
26375	110443	26667	111303	27311E	112670	27470B	110439
26375A	110443	26678	111131	27311H	112670	27472	110443
26375D	110443	26679	111131	27315	112670	27473	110442
26376	111573	26680	111030	27315A	112670	27474	110439
26376A	111573	26689	111750	27315B	112670	27474A	110439
26376K	111573	26690	113346	27315E	112670	27474B	110439
26376L	111573	26693	113346	27401	110814	27476	110464
26388	110461	26694	113346	27407	110442	27477	110442
26390	110813	26801	111865	27408	110439	27477A	114730
26390A	110813	26805	110842	27409	110439	27478	110443
26390B	110813	26813	111608	27409A	110439	27479	110442
26390E	110813	26814	111303	27409B	110439	27480	110439
26391	110439	26814A	111303	27409D	110439	27485	110442
26391A	110439	26814B	111303	27410	115572	27486	110443
26394	110640	26814D	111303	27411	110442	27487	110442
26395	110462	26834	111608	27412	114730	27488	110439
26395A	110462	26841	111608	27413	110818	27489	110464
26395B	110462	26845	111608	27413A	110818	27500	110462
26395D	110462	26913	110867	27413D	110818	27500A	110462
26395E	110462	26914	110867	27415	110442	27500J	110462
26395H	110462	26914A	110867	27415A	110442	27501	110461
26398	112136	26914F	110867	27415B	110442	27501A	110461
26398A	112136	26917	110818	27415D	110442	27501B	110461
26398F	112136	26920	112277	27417	110443	27501E	110461
26398H	112136	26920A	112277	27417A	110443	27502	111737
26399	110462	26920E	112277	27417B	110443	27502A	111737
26400	110444	26921046	111185	27417D	110443	27502D	111737
26400A	110444	26921168	113683	27419	110464	27503	114650
26400B	110444	26921168A	113683	27419A	110464	27503A	110460
26400D	110444	26925	110462	27419D	110464	27503D	110460
26406	110565	26925056	112163	27420	110438	27504	113380
26407	110461	26925121A	112164	27420A	110438	27504A	113380
26408	110460	26925121E	112164	27420B	110438	27504B	113380
26408A	110460	26925121H	112164	27421	110439	27506	110615
26408D	110460	26925155A	110462	27423	110818	27506A	110615
26408E	110460	26925155B	110462	27423A	110818	27506D	110615
26410	110565	26925159A	111310	27424	110817	27507	113380
26410A	110565	26925159B	111310	27424A	110817	27507A	113380
26410B	110565	26925159E	111310	27424B	110817	27507B	113380
26411	110819	26925188A	110438	27425	110441	27508	112660
26411A	110819	26925188D	110438	27425A	110441	27508A	112660
26411B	110819	26925189A	110439	27425B	110441	27508B	112660
26412	110439	26925189D	110439	27426	110462	27508D	112660
26412A	110439	26925193A	110565	27427	110817	27510	110565
26414	111346	26925194A	110443	27427A	110817	27510E	110565
26414A	111346	26925194D	110443	27427E	110817	27511	110465
26414E	111346	26925196A	111346	27430	113381	27511A	110465
26416	110459	26925198A	110440	27430A	113381	27512	110545
26416A	110459	26925198D	110440	27430B	113381	27512A	110545
26416D	110459	26925200A	110441	27431	110444	27512D	110545
26416E	110459	26925202B	112232	27431A	110444	27513	111573
26417	110525	26925240A	110421	27431B	110444	27513A	111573
26418	110443	26925262B	112660	27432	110439	27515	110565
26420	110459	26925316A	110615	27435	110443	27515A	110462
26422	110443	26925316B	110615	27435A	110443	27518	110615
26422A	110443	26925519A	110565	27440	110640	27518A	110615
26428	112660	26935	110867	27440A	110640	27518B	110615
26428A	112660	26935D	110867	27440B	110640	27518E	110615
26430	113380	26941	110867	27443	110459	27519	110460
26430A	113380	26942	110867	27446	110440	27519A	110460
26430D	113380	26943	113752	27446A	110440	27519D	110460
26431	110465	26945	113752	27459	110439	27520	110615
26431A	110465	26946	113752	27459A	110439	27520A	110615
26431B	110465	27002	111030	27460	110441	27520D	110615
26432	110545	27005	111131	27460A	110441	27522	110819
26433	112660	27006	111131	27460B	110441	27522A	110819
26436	110460	27014	111131	27463	110818	27522D	110819
26436A	110460	27018	112390	27463A	110818	27523	110565
26436B	110460	27022	111303	27463D	110818	27523A	110565
26587	111131	27034	113346	27464	110442	27523D	110565
26600	111131	27043	111303	27465	110464	27524	110615
26601	111131	27047	111303	27467	110443	27526	111573
26628	111030	27301K	112670	27468	110440	27526A	111573
26631	112390	27305	113484	27468A	110440	27526D	111573
26649	110831	27309	112670	27468B	110440	27529	110565
26654	110831	27309A	112670	27469	110439	27531	110461
26656	110831	27309E	112670	27469A	110439	27533	112136
26657	110831	27311	112670	27470	110439	27533A	112136

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
27533E	112136	27606	110565	54021987	111184	54022218	111364
27537	110460	27607	110615	54021988	110969	54022219	110770
27537A	110460	27608	111346	54021993	110178	54022220	112238
27537B	110460	27609	110615	54022001	113474	54022222	110607
27539	110565	27610	111346	54022006	110178	54022223	111368
27539A	110565	27614	110462	54022007	113474	54022224	111368
27539F	110565	27620	111346	54022011	110179	54022225	110770
27540	110819	27621	110615	54022014	110968	54022226	110770
27540A	110819	27625	110615	54022017	110178	54022227	111364
27540H	110819	27626	111346	54022032	110178	54022228	111366
27541	111346	27627	111346	54022052	111364	54022229	110770
27541A	111346	27627B	111346	54022053	111362	54022232	111176
27541D	111346	27628	110615	54022054	110968	54022233	110891
27543	110459	27629	111346	54022057	110770	54022234	111356
27543A	110459	2871A152	112112	54022058	112238	54022235	111176
27543D	110459	2871A157	112112	54022059	111356	54022236	110891
27545	110459	35213725	110968	54022060	111176	54022238	110968
27546	110819	35213730	110969	54022083	110178	54022240	111035
27546A	110819	40001C01	113683	54022084	110179	54022241	111362
27546B	110819	47020054	113713	54022090	111364	54022242	110770
27547	111346	47020055	112112	54022097	110968	54022243	111289
27553	113380	47020056	113713	54022101	111364	54022244	110770
27553A	113380	47020057	112112	54022108	110770	54022245	110770
27553D	113380	47020058	113713	54022109	110770	54022246	111366
27554	110465	47020059	112112	54022117	110770	54022247	111368
27554A	110465	47020060	113714	54022118	110770	54022248	110607
27554B	110465	47020061	111510	54022119	111364	54022251	111176
27556	112660	47020062	113713	54022123	111364	54022254	111738
27559	110460	47020063	113713	54022127	111364	54022255	110770
27559A	110460	47020065	112112	54022128	111364	54022256	112238
27559E	110460	47020067	112112	54022130	110607	54022261	110968
27564	111574	47020068	112112	54022137	110969	54022262	110770
27564A	111574	47020069	113713	54022140	112238	54022263	110770
27564F	111574	47020083	111510	54022142	111362	54022264	111366
27565	111346	47020084	112112	54022143	110770	54022265	111366
27565B	111346	47020086	112112	54022145	111366	54022266	111364
27565D	111346	47020088	112112	54022147	111289	54022267	112238
27567	110461	47020089	112112	54022148	111364	54022268	112238
27568	111346	47020090	111510	54022151	111364	54022274	111366
27568A	111346	47044605	112317	54022152	111364	54022275	111176
27569	110462	47044606	112318	54022158	110891	54022277	110770
27569A	110462	47044608	112317	54022159	111176	54022279	110891
27570	111737	47044616	112317	54022160	111362	54022280	110770
27570A	110615	47044617	112318	54022162	111176	54022281	111176
27570B	110615	47920141	112277	54022163	110770	54022282	110770
27571	110819	47920166	112277	54022164	110770	54022283	110891
27571A	110819	529965EX	112660	54022165	110178	54022285	111356
27571B	110819	54021350	111185	54022166	111366	54022286	110968
27572	110565	54021351	111184	54022167	110770	54022287	111176
27572A	110565	54021491	110178	54022171	111035	54022290	111176
27572B	110565	54021493	110179	54022173	111356	54022291	111356
27575	112660	54021494	110178	54022176	111355	54022292	111363
27577	110461	54021506	111356	54022178	110770	54022295	110770
27577A	110461	54021551	111184	54022179	112238	54022301	110607
27578	110565	54021649	110975	54022182	111362	54022306	111754
27580	110819	54021663	110968	54022183	111364	54022308	110770
27582	110819	54021764	111184	54022184	110891	54022309	111361
27583	110565	54021772	110968	54022186	110770	54022310	111176
27583A	110565	54021810	110179	54022187	111176	54022312	111363
27584	110819	54021813	110178	54022188	110770	54022313	111176
27585	110615	54021831	110968	54022189	112238	54022314	111356
27586	112660	54021845	110179	54022190	111356	54022314B	111176
27587	110545	54021850	110968	54022191	110770	54022317	111176
27587A	110545	54021851	112128	54022192	111176	54022322	111741
27587B	110545	54021853	110968	54022193	110770	54022323	111741
27588	110615	54021868	110178	54022195	110770	54022330	111176
27589	111346	54021873	111184	54022196	111366	54022335	111362
27590	111346	54021879	111356	54022197	110891	54022336	111739
27592	110615	54021879	113378	54022198	111176	54022337	111740
27593	110819	54021898	110178	54022200	111355	54022340	110891
27593A	110819	54021917	110178	54022203	111368	54022341	110770
27594	110565	54021918	110178	54022204	110770	54022342	111356
27595	111574	54021919	111289	54022207	111366	54022344	110891
27596	110615	54021920	110968	54022211	111362	54022346	111176
27598	111346	54021921	111289	54022212	110770	54022348	110770
27599	110565	54021953	110969	54022213	111364	54022349	110770
27602	111346	54021955	111364	54022214	111356	54022351	110607
27603	110615	54021985	110179	54022216	110770		
27604	112660	54021986	110968	54022217	111356		

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
54022373	111754	54022547	115890	54022664	111361	61924066	110813
54022374	110607	54022549	112698	54022668	111362	61924100	110809
54022374	111754	54022552	112238	54022686	110770	61924101	110315
54022375	111361	54022554	110770	54022689	111623	66021070	110497
54022378	111741	54022555	111623	54022689	111742	66021101	110972
54022379	111738	54022555	111742	54022689	115890	66021113	110968
54022382	111355	54022555	115890	54022695	111362	66021155	110497
54022383	110770	54022556	111623	54022700	111368	66021300	111315
54022384	110770	54022556	115890	54022708	111623	66921126	110497
54022385	111364	54022557	111623	54022708	111742	66925191	112390
54022388	110891	54022557	111742	54022708	115890	A0828	112097
54022389	111356	54022557	115890	54022711	111569	A0924	110766
54022390	111738	54022558	110607	54022716	111176	A1752-2	112880
54022391	110968	54022558	111754	54022740	111362	A1767-5	112884
54022392	110770	54022560	112722	54022746	112722	A1775-7	112888
54022393	112238	54022561	112722	54022747	111368	A1776-11	112886
54022394	111623	54022564	111623	54022751	112722	A1785-7	110724
54022394	111742	54022564	111742	54022752	111355	A1856-11	110984
54022394	115890	54022564	115890	54022754	111368	A1924-10	112835
54022396	111623	54022565	111623	54022789	111738	A1931-12	112921
54022396	111742	54022565	111742	54022803	111362	A8203	112970
54022396	115890	54022565	115890	54243441	110565	A8313	110675
54022398	110770	54022569	111754	54265233	110565	A8318	111578
54022401	111366	54022572	111289	54292967	112277	A8520	110659
54022402	111368	54022575	111623	57020057	112112	LEA0002	111184
54022408	111355	54022575	111742	60021011	110968	LEA0004	111289
54022409	110770	54022575	115890	60021012	110969	LEA0005	110759
54022410	111356	54022578	111569	60021013	110968	LEA0006	111086
54022414	110770	54022579	111355	60021014	110968	LEA0007	111086
54022415	111569	54022580	112722	60021015	110969	LEA0010	111185
54022418	111356	54022581	111356	60021026	110975	LEA0011	111289
54022419	110891	54022582	111742	60021040	110968	LEA0012	113378
54022420	111148	54022583	111623	60021041	110969	LEA0013	113378
54022426	110770	54022583	111742	60021054	110972	LEA0017	111418
54022428	111355	54022583	115890	60021055	110972	LEA0017	115873
54022431	110770	54022584	111176	60021056	110972	LEA0028	111184
54022432	110770	54022585	111176	60021061	110969	LEA0029	110882
54022437	112722	54022586	111364	60021062	110968	LEA0030	111364
54022438	110770	54022588	111623	60021063	110975	LEA0031	111364
54022439	110770	54022588	111742	60021065	110969	LEA0032	111738
54022443	112718	54022588	115890	60021066	110968	LEA0034	111289
54022445	110770	54022589	111368	60021067	110975	LEA0036	111355
54022448	111368	54022590	110770	60021068	110975	LEA0037	110891
54022449	111368	54022591	112238	60210158	110968	LEA0038	112238
54022458	110770	54022593	111364	60210159	110969	LEA0039	110607
54022459	112021	54022595	111356	60210160	110969	LEA0042	111623
54022466	113763	54022598	111362	60210163	110968	LEA0042	111742
54022469	113763	54022600	111741	60210164	110968	LEA0042	115890
54022474	111176	54022601	111741	60210165	110968	LEA0044	111289
54022481	111363	54022602	111176	60210167	110968	LEA0046	110891
54022483	110770	54022603	110891	60921028	110969	LEA0047	110891
54022495	111623	54022604	110891	60921029	110968	LEA0048	111176
54022495	111742	54022606	113763	60921030	110968	LEA0049	111176
54022495	115890	54022608	111361	60921031	110969	LEA0050	111741
54022498	112021	54022610	111623	61920107	111184	LEA0052	111741
54022510	112238	54022610	111742	61920201	113376	LEA0055	111362
54022512	111754	54022610	115890	61920269	110890	LEA0056	111176
54022513	110607	54022614	111176	61920270	110882	LEA0058	110968
54022514	111176	54022615	111623	61920271	112097	LEA0059	111368
54022515	111754	54022615	115890	61920275	111418	LEA0060	112722
54022516	110607	54022616	110770	61920275	115873	LEA0061	110891
54022516	111754	54022616A	114360	61920286	113378	LEA0065	111368
54022517	111368	54022617	111368	61920287	111184	LEA0066	111363
54022518	111368	54022619	111569	61920289	111184	LEA0068	111361
54022519	111368	54022620	111289	61920310	111738	LEA0069	111361
54022524	113763	54022621	110770	61920311	111289	LEA0073	113376
54022527	112718	54022623	110770	61920312	110759	LEA0074	111362
54022528	112722	54022625	110770	61920314	111289	LEA0086	111368
54022529	112722	54022628	111738	61920315	111086	LEA0106	111309
54022530	112722	54022639	111355	61920316	111086	LEA0108	112205
54022532	112722	54022642	111355	61920334	112128	LEA0117	110770
54022536	110770	54022646	112238	61920335	112205	LEA0121	111740
54022537	111623	54022647	111355	61920400	111086	LEA0124	110770
54022537	111742	54022652	111176	61920401	112128	LEA0128	111356
54022537	115890	54022653	111361	61920402	112205	LEA0129	111176
54022538	111754	54022654	111361	61924015	110813	LEA0131	111176
54022539	111754	54022656	112722	61924031	110518	LEA0132	111741
54022547	111623	54022662	111361	61924050	110536	LEA0134	111355
54022547	111742	54022663	112238	61924051	110523	LEA0139	111368

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
LEA0140	111361	LEA0633	113904	LES0040	111737	LES0321	113851
LEA0163	111797	LEA0634	113889	LES0041	111346	LES0321	115885
LEA0164	111280	LEA0635	112274	LES0064	112295	LES0322	110573
LEA0165	112076	LEA0636	112416	LES0066	112821	LES0323	114337
LEA0167	112757	LEA0638	112021	LES0066	115870	LES0325	110436
LEA0168	111987	LEA0642	116111	LES0067	111982	LES0336	113891
LEA0169	111834	LEA0645	112129	LES0077	111387	LES0337	112446
LEA0171	110348	LEA0649	112189	LES0081	113361	LES0338	111347
LEA0172	111426	LEA0650	113506	LES0087	112822	LES0339	113934
LEA0176	111477	LEA0654	113709	LES0087	115880	LES0341	112660
LEA0178	112557	LEA0659	114857	LES0088	112103	LES0342	111422
LEA0189	111579	LEA0663	113284	LES0089	111442	LES0343	112436
LEA0199	111710	LEA0663	115491	LES0090	112290	LES0344	110363
LEA0201	113518	LEA0667	113489	LES0091	113134	LES0346	113181
LEA0204	111339	LEA0668	112072	LES0092	111996	LES0347	112382
LEA0214	112334	LEA0669	112079	LES0095	112322	LES0348	112439
LEA0217	112230	LEA0669	114789	LES0102	111690	LES0349	110866
LEA0266	111186	LEA0670	113272	LES0106	111971	LES0350	113132
LEA0268	112067	LEA0671	111075	LES0127	111683	LES0355	113927
LEA0295	112237	LEA0672	111036	LES0128	112251	LES0356	113897
LEA0340	114114	LEA0673	112059	LES0130	112320	LES0358	113963
LEA0384	111405	LEA0674	111967	LES0135	110941	LES0359	111694
LEA0405	113656	LEA0675	112469	LES0140	110490	LES0363	114030
LEA0437	112112	LEA0676	113471	LES0141	113129	LES0380	114320
LEA0438	113713	LEA0677	113403	LES0144	111550	LES0381	113900
LEA0439	111510	LEA0678	113352	LES0152	113237	LES0385	112581
LEA0440	113714	LEA0679	113298	LES0169	111730	LES0389	114319
LEA0441	112237	LEA0680	113947	LES0173	111307	LES0405	113977
LEA0451	110882	LEA0681	115415	LES0174	111748	LES0406	114232
LEA0452	110804	LEA0682	111493	LES0177	112367	LES0407	115609
LEA0454	112468	LEA0683	114088	LES0179	110720	LES0408	114327
LEA0455	113407	LEA0684	113922	LES0186	112172	LRA00100	110178
LEA0456	112199	LEA0685	113535	LES0194	114762	LRA00100	111185
LEA0457	113245	LEA0686	113943	LES0202	111760	LRA00101	110179
LEA0458	111718	LEA0687	114428	LES0207	112823	LRA00101	111184
LEA0459	113253	LEA0689	114354	LES0207	115872	LRA00102	110178
LEA0463	112058	LEA0690	115617	LES0208	111272	LRA00102	110968
LEA0464	113405	LEA0690	115618	LES0211	110389	LRA00103	111185
LEA0467	113722	LEA0691	114212	LES0212	113937	LRA00104	110179
LEA0467	115963	LEA0691	115488	LES0216	113727	LRA00104	110969
LEA0468	111626	LEA0694	112093	LES0221	112277	LRA00105	110179
LEA0475	113720	LEA0697	113503	LES0226	113195	LRA00105	111184
LEA0475	116064	LEA0700	114704	LES0228	111241	LRA00106	110178
LEA0476	112471	LEA0701	115928	LES0230	110813	LRA00106	111185
LEA0478	113631	LEA0702	114682	LES0232	113797	LRA00107	110128
LEA0482	116023	LEA0707	110770	LES0237	111047	LRA00109	111185
LEA0493	113640	LEA0708	112722	LES0242	113020	LRA00109	113378
LEA0493	116067	LEA0709	113248	LES0246	113933	LRA00110	112775
LEA0495	111658	LEA0710	113718	LES0252	114777	LRA00112	110178
LEA0496	111631	LEA0711	113992	LES0264	111909	LRA00112	110975
LEA0513	115309	LEA0712	113188	LES0269	112167	LRA00112	111653
LEA0527	112098	LEA0712	115484	LES0271	113655	LRA00112	113758
LEA0539	113751	LEA0722	113954	LES0272	113654	LRA00113	110179
LEA0540	112461	LEA0736	113961	LES0274	113965	LRA00113	111184
LEA0545	113956	LEA0771	114468	LES0275	111123	LRA00118	110179
LEA0553	113657	LEA0772	116023	LES0276	112336	LRA00118	111184
LEA0573	115621	LEA0773	114049	LES0281	110447	LRA00122	111356
LEA0588	111514	LEA121	111740	LES0282	114268	LRA00122	113378
LEA0590	112097	LES0001	111573	LES0299	110585	LRA00123	110743
LEA0591	112142	LES0002	110465	LES0300	110933	LRA00127	110179
LEA0592	113316	LES0003	110817	LES0301	111251	LRA00127	110969
LEA0593	111686	LES0004	110443	LES0302	115442	LRA00129	110968
LEA0595	112958	LES0005	110440	LES0303	113757	LRA00129	111185
LEA0596	110912	LES0006	110545	LES0304	113908	LRA00131	110968
LEA0607	111654	LES0007	110464	LES0304	116062	LRA00131	113474
LEA0610	111418	LES0008	110818	LES0305	113910	LRA00131	113574
LEA0610	115873	LES0009	111737	LES0306	114161	LRA00132	110178
LEA0611	111686	LES0013	110565	LES0307	111851	LRA00134	110360
LEA0614	112002	LES0014	110640	LES0309	113959	LRA00134	110913
LEA0614	114797	LES0015	110439	LES0310	113931	LRA00134	112763
LEA0619	111843	LES0019	110565	LES0311	112236	LRA00137	110611
LEA0622	112078	LES0020	110444	LES0312	113141	LRA00137	110882
LEA0623	112193	LES0021	110819	LES0313	110999	LRA00137	110890
LEA0624	113302	LES0030	112136	LES0314	113195	LRA00142	110137
LEA0627	114258	LES0031	113381	LES0316	113675	LRA00142	110138
LEA0629	113448	LES0032	115572	LES0317	114013	LRA00142	110258
LEA0630	114212	LES0033	110441	LES0318	113195	LRA00142	110374
LEA0631	113998	LES0038	110536	LES0319	112494	LRA00143	110360
LEA0632	113710	LES0039	110523	LES0320	114330	LRA00146	110611

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRA00146	111138	LRA00307	111138	LRA00434	110881	LRA00561	110248
LRA00147	111184	LRA00307	112768	LRA00443	110972	LRA00561	112750
LRA00152	110891	LRA00313	111166	LRA00443	111168	LRA00561	112777
LRA00152	110968	LRA00313	111187	LRA00444	110972	LRA00562	110360
LRA00152	111204	LRA00313	113376	LRA00444	111168	LRA00562	111288
LRA00154	111096	LRA00328	111153	LRA00444	111800	LRA00562	112763
LRA00167	110137	LRA00330	110628	LRA00445	111075	LRA00565	110138
LRA00167	110138	LRA00336	110877	LRA00448	112728	LRA00565	113500
LRA00175	110138	LRA00342	110138	LRA00451	110913	LRA00567	110622
LRA00177	110969	LRA00344	111705	LRA00451	111355	LRA00569	111170
LRA00177	111176	LRA00346	111656	LRA00452	110168	LRA00574	110267
LRA00190	110611	LRA00346	113376	LRA00452	110307	LRA00574	110703
LRA00190	110912	LRA00348	110168	LRA00456	110890	LRA00575	110632
LRA00190	111138	LRA00348	113793	LRA00456	110912	LRA00581	112298
LRA00190	111620	LRA00349	110168	LRA00459	110890	LRA00581	112744
LRA00190	112719	LRA00349	110307	LRA00459	111620	LRA00582	111204
LRA00192	110138	LRA00349	110458	LRA00460	110770	LRA00582	113574
LRA00193	111138	LRA00355	111289	LRA00460	111362	LRA00583	111185
LRA00199	110899	LRA00356	111185	LRA00461	110770	LRA00584	110641
LRA00199	111035	LRA00356	113378	LRA00461	110968	LRA00585	111082
LRA00199	111180	LRA00357	110179	LRA00461	111355	LRA00585	112728
LRA00202	111086	LRA00357	110759	LRA00462	110770	LRA00588	110927
LRA002043	111495	LRA00357	110969	LRA00462	111362	LRA00589	110350
LRA00207	111166	LRA00357	111086	LRA00462	111364	LRA00593	111072
LRA00208	110077	LRA00358	110178	LRA00462	112722	LRA00593	111171
LRA00208	111767	LRA00358	110179	LRA00463	111176	LRA00595	110912
LRA00208	111841	LRA00358	110969	LRA00463	112238	LRA00596	111148
LRA00220	111948	LRA00358	111086	LRA00464	111035	LRA00597	110882
LRA00226	111185	LRA00358	111184	LRA00464	111148	LRA00597	110912
LRA00227	110128	LRA00358	111289	LRA00469	111364	LRA00597	112719
LRA00227	110264	LRA00358	111366	LRA00471	111076	LRA00602	110770
LRA00228	111289	LRA00359	110968	LRA00473	111072	LRA00602	111289
LRA00230	111289	LRA00359	111185	LRA00474	111072	LRA00603	111035
LRA00231	110968	LRA00359	111289	LRA00474	111528	LRA00604	110891
LRA00232	110975	LRA00359	111362	LRA00474	111658	LRA00607	110770
LRA00232	111653	LRA00360	113474	LRA00474	113477	LRA00607	111289
LRA00240	111043	LRA00361	111948	LRA00481	112970	LRA00607	111362
LRA00246	111289	LRA00370	110318	LRA00495	110891	LRA00611	111662
LRA00247	110969	LRA00372	110969	LRA00496	111176	LRA00616	111147
LRA00247	111086	LRA00372	111086	LRA00499	110805	LRA00617	112098
LRA00251	110168	LRA00373	110969	LRA00501	110805	LRA00618	111141
LRA00251	110264	LRA00374	110969	LRA00506	110972	LRA00619	111653
LRA00258	110318	LRA00374	111086	LRA00506	111168	LRA00621	110105
LRA00263	110318	LRA00374	111364	LRA00506	111800	LRA00623	111141
LRA00265	110133	LRA00375	110759	LRA00506	112056	LRA00625	110761
LRA00267	110743	LRA00375	110968	LRA00509	110975	LRA00628	110360
LRA00269	110912	LRA00375	111086	LRA00510	111171	LRA00628	110913
LRA00269	111138	LRA00375	111289	LRA00514	111620	LRA00640	111289
LRA00270	111035	LRA00375	111362	LRA00514	111654	LRA00653	111366
LRA00270	111085	LRA00376	110770	LRA00516	110168	LRA00683	110458
LRA00270	111148	LRA00376	111289	LRA00517	111176	LRA00684	110136
LRA00271	111180	LRA00376	111362	LRA00517	111289	LRA00685	110133
LRA00272	111166	LRA00376	111364	LRA00518	111741	LRA00685	110264
LRA00273	110178	LRA00376	113574	LRA00520	111741	LRA00685	112270
LRA00274	110178	LRA00378	111289	LRA00521	113920	LRA00687	110250
LRA00274	110179	LRA00381	110891	LRA00522	111740	LRA00688	110496
LRA00274	110759	LRA00381	110968	LRA00523	110258	LRA00688	110628
LRA00274	110969	LRA00382	112128	LRA00527	111361	LRA00689	110496
LRA00274	111185	LRA00384	110168	LRA00530	111363	LRA00691	110138
LRA00274	111204	LRA00386	110052	LRA00532	110770	LRA00691	110248
LRA00274	111289	LRA00386	110112	LRA00533	110348	LRA00693	111738
LRA00275	110178	LRA00386	111528	LRA00536	110385	LRA00693	112238
LRA00275	110968	LRA00386	112784	LRA00542	111578	LRA00695	111036
LRA00275	111289	LRA00388	111369	LRA00543	110138	LRA00695	111621
LRA00277	110968	LRA00390	111171	LRA00543	110374	LRA00696	111094
LRA00277	113574	LRA00392	111289	LRA00543	111148	LRA00696	112149
LRA00278	110968	LRA00393	111075	LRA00543	111166	LRA00698	110889
LRA00278	111289	LRA00396	110877	LRA00543	113376	LRA00706	110806
LRA00281	110975	LRA00396	112310	LRA00547	112297	LRA00706	111240
LRA00292	110913	LRA00397	111325	LRA00548	111692	LRA00707	112531
LRA00296	110911	LRA00397	112756	LRA00549	110965	LRA00710	110969
LRA00296	112149	LRA00399	110134	LRA00550	110682	LRA00712	110890
LRA00296	113758	LRA00399	110136	LRA00552	114203	LRA00713	111147
LRA00299	110759	LRA00399	110168	LRA00555	110496	LRA00714	111147
LRA00300	110911	LRA00402	110134	LRA00555	111538	LRA00715	111147
LRA00300	111653	LRA00405	111035	LRA00556	112093	LRA00717	111093
LRA00301	110975	LRA00408	110138	LRA00558	111621	LRA00717	111149
LRA00301	111653	LRA00422	110911	LRA00559	111654	LRA00718	111149
LRA00307	110912	LRA00433	111085	LRA00559	112771	LRA00719	111093

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
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LRA00721	111093	LRA00887	112729	LRA00994	110913	LRA01356	111226
LRA00722	110923	LRA00887	113536	LRA00998	111035	LRA01359	111747
LRA00723	112734	LRA00890	110360	LRA00998	112719	LRA01372	113519
LRA00730	110911	LRA00890	110913	LRA01002	110877	LRA01375	111238
LRA00730	110919	LRA00890	111287	LRA01020	111426	LRA01385	111578
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LRA00733	110107	LRA00893	110360	LRA01032	110887	LRA01388	111578
LRA00734	111154	LRA00893	110913	LRA01056	110127	LRA01394	112810
LRA00736	112149	LRA00894	110913	LRA01058	110170	LRA01397	112046
LRA00736	112735	LRA00894	110919	LRA01068	110075	LRA01407	111538
LRA00744	110881	LRA00894	110975	LRA01087	110542	LRA01409	110505
LRA00745	112810	LRA00894	111653	LRA01091	111042	LRA01414	111741
LRA00748	110881	LRA00894	112098	LRA01096	111483	LRA01422	111141
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LRA00751	111654	LRA00901	110619	LRA01112	112771	LRA01436	111605
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LRA00753	111620	LRA00912	110890	LRA01122	112067	LRA01442	110127
LRA00753	111654	LRA00912	111418	LRA01123	111814	LRA01446	111428
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LRA00777	112728	LRA00927	110116	LRA01166	113348	LRA01488	112777
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LRA00780	110607	LRA00935	111569	LRA01177	111428	LRA01499	111929
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LRA00780	1111754	LRA00938	111419	LRA01179	111397	LRA01505	111811
LRA00781	111154	LRA00938	111987	LRA01189	110492	LRA01508	111223
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LRA00786	111166	LRA00940	110607	LRA01191	112270	LRA01517	111820
LRA00788	111288	LRA00940	111623	LRA01193	111139	LRA01519	111820
LRA00790	110664	LRA00940	111742	LRA01199	110105	LRA01523	112102
LRA00800	110887	LRA00940	111754	LRA01199	111649	LRA01525	110986
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LRA00807	112112	LRA00946	114026	LRA01208	112310	LRA01533	111872
LRA00808	111072	LRA00950	110385	LRA01209	110881	LRA01542	112492
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LRA00812	110877	LRA00952	112746	LRA01218	110264	LRA01547	111689
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LRA00829	110912	LRA00966	111321	LRA01251	113611	LRA01579	113533
LRA00829	111035	LRA00967	111368	LRA01252	110699	LRA01580	111894
LRA00832	111035	LRA00968	112056	LRA01263	112162	LRA01586	113939
LRA00832	111078	LRA00969	112742	LRA01264	110805	LRA01591	111468
LRA00833	110882	LRA00970	111629	LRA01269	111428	LRA01598	112356
LRA00833	110912	LRA00971	110906	LRA01279	110307	LRA01599	112191
LRA00833	111686	LRA00971	113920	LRA01285	110505	LRA01600	111354
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LRA00841	110611	LRA00974	112343	LRA01299	110540	LRA01608	111376
LRA00844	110178	LRA00975	110882	LRA01300	110360	LRA01614	111587
LRA00844	110759	LRA00975	111418	LRA01303	111740	LRA01616	113469
LRA00844	111289	LRA00975	115873	LRA01306	110802	LRA01624	112556
LRA00870	110890	LRA00977	110895	LRA01308	111215	LRA01626	113500
LRA00871	111169	LRA00978	111146	LRA01313	111610	LRA01632	112375
LRA00871	111800	LRA00979	111629	LRA01331	112270	LRA01633	113785
LRA00871	112056	LRA00982	110895	LRA01339	110959	LRA01634	113758
LRA00880	111169	LRA00983	110913	LRA01345	113187	LRA01638	112352
LRA00880	111800	LRA00984	112271	LRA01346	112736	LRA01643	111381
LRA00885	111800	LRA00988	111093	LRA01350	112093	LRA01648	112205

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRA01651	110724	LRA01860	112529	LRA02043	111495	LRA02244	113283
LRA01654	112035	LRA01861	112197	LRA02044	112358	LRA02247	113951
LRA01656	111397	LRA01862	112333	LRA02053	112063	LRA02248	113439
LRA01657	113611	LRA01865	112396	LRA02055	111934	LRA02250	113944
LRA01662	113383	LRA01867	111216	LRA02058	111950	LRA02252	115844
LRA01668	111978	LRA01868	112777	LRA02060	112419	LRA02253	113253
LRA01669	112722	LRA01869	112389	LRA02062	111710	LRA02258	112772
LRA01670	113788	LRA01873	111478	LRA02065	111710	LRA02261	112468
LRA01674	112578	LRA01874	112190	LRA02072	113343	LRA02266	113718
LRA01676	112328	LRA01877	112777	LRA02073	113771	LRA02270	114215
LRA01677	111726	LRA01880	112394	LRA02075	112359	LRA02287	113954
LRA01678	110503	LRA01882	111895	LRA02076	112468	LRA02291	113992
LRA01680	113786	LRA01887	113943	LRA02079	112328	LRA02293	113889
LRA01682	113519	LRA01888	111355	LRA02080	114079	LRA02295	115619
LRA01684	111883	LRA01891	112458	LRA02083	113942	LRA02298	114115
LRA01686	111264	LRA01895	113035	LRA02090	110986	LRA02301	113246
LRA01697	111018	LRA01896	111779	LRA02092	111364	LRA02303	113246
LRA01704	112780	LRA01901	111722	LRA02098	114084	LRA02309	114112
LRA01706	111587	LRA01902	113442	LRA02102	114214	LRA02315	113835
LRA01709	111850	LRA01903	112539	LRA02104	113328	LRA02316	114010
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LRA01713	113634	LRA01918	112065	LRA02108	112428	LRA02320	113657
LRA01714	111787	LRA01919	112196	LRA02111	110488	LRA02321	113947
LRA01715	111294	LRA01919	115987	LRA02114	113404	LRA02323	113252
LRA01717	112355	LRA01921	112363	LRA02115	113878	LRA02325	113720
LRA01719	110629	LRA01922	112407	LRA02116	113543	LRA02325	116064
LRA01720	113868	LRA01924	112327	LRA02116	113543	LRA02327	113685
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LRA01726	113785	LRA01928	113913	LRA02134	112360	LRA02332	114128
LRA01727	112614	LRA01929	110499	LRA02136	111309	LRA02336	113871
LRA01732	113349	LRA01930	113575	LRA02137	110498	LRA02338	113912
LRA01739	111779	LRA01934	111018	LRA02138	112196	LRA02340	113519
LRA01745	111722	LRA01936	111605	LRA02138	115987	LRA02341	112351
LRA01746	111626	LRA01938	111895	LRA02139	111850	LRA02342	113279
LRA01747	111285	LRA01939	112327	LRA02140	111850	LRA02343	113273
LRA01749	113077	LRA01943	111830	LRA02144	113715	LRA02347	113858
LRA01752	111480	LRA01944	112636	LRA02145	112535	LRA02347	115976
LRA01753	111627	LRA01945	115791	LRA02147	113610	LRA02348	113883
LRA01760	111294	LRA01947	112428	LRA02150	112334	LRA02351	113316
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LRA01773	112556	LRA01955	112462	LRA02167	112426	LRA02392	111596
LRA01779	111568	LRA01956	113519	LRA02168	112426	LRA02403	111484
LRA01781	111712	LRA01959	111678	LRA02169	113404	LRA02415	112747
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LRA01794	111199	LRA01969	113283	LRA02180	113536	LRA02429	110052
LRA01806	111854	LRA01970	113407	LRA02182	113272	LRA02431	111614
LRA01807	111435	LRA01975	113510	LRA02186	113336	LRA02437	110448
LRA01811	112679	LRA01976	113577	LRA02187	113280	LRA02438	111344
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LRA01816	112357	LRA01990	112471	LRA02198	112721	LRA02465	114077
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LRA01818	112332	LRA01995	112128	LRA02201	114120	LRA02470	111746
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LRA01820	113888	LRA01997	114027	LRA02207	112406	LRA02474	111631
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LRA01826	112270	LRA02009	112458	LRA02213	112750	LRA02479	110801
LRA01835	112183	LRA02011	112002	LRA02215	113787	LRA02481	111833
LRA01835	112548	LRA02011	114797	LRA02219	112673	LRA02481	116063
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LRA01850	113785	LRA02038	111507	LRA02234	113949	LRA02501	111631
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## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
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LRA02511	111295	LRA02716	111623	LRA02914	114884	LRA03099	114293
LRA02512	113295	LRA02716	111742	LRA02920	115617	LRA03103	113405
LRA02513	113289	LRA02716	115890	LRA02920	115618	LRA03104	113575
LRA02514	113549	LRA02717	112129	LRA02921	113971	LRA03106	113246
LRA02516	112427	LRA02719	111279	LRA02923	113330	LRA03110	115955
LRA02516	115871	LRA02720	111289	LRA02924	114312	LRA03111	115532
LRA02517	115602	LRA02721	110805	LRA02925	112067	LRA03112	115928
LRA02522	113351	LRA02722	111289	LRA02932	115925	LRA03117	114736
LRA02526	112302	LRA02724	112557	LRA02933	113791	LRA03119	115708
LRA02529	112424	LRA02727	110882	LRA02933	114023	LRA03120	115936
LRA02531	113212	LRA02731	111843	LRA02937	115789	LRA03127	114121
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LRA02535	113188	LRA02738	111742	LRA02943	115492	LRA03140	115797
LRA02535	115484	LRA02738	115890	LRA02945	114111	LRA03145	113246
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LRA02545	113718	LRA02744	112362	LRA02950	113861	LRA03156	113992
LRA02546	115368	LRA02751	112144	LRA02951	113791	LRA03157	115661
LRA02547	114663	LRA02752	110659	LRA02954	114245	LRA03159	114076
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LRA02593	111139	LRA02804	113722	LRA02989	115460	LRA03202	114192
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LRA02631	111654	LRA02826	113529	LRA03029	114102	LRA03252	115474
LRA02632	112750	LRA02827	113953	LRA03029	116068	LRA03254	114290
LRA02636	110682	LRA02829	115919	LRA03031	115305	LRA03271	115704
LRA02637	110385	LRA02835	111712	LRA03034	114809	LRA03277	115365
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LRA02646	110804	LRA02839	113978	LRA03040	114110	LRA03301	115384
LRA02649	110877	LRA02845	115905	LRA03041	113758	LRA03302	113763
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LRA02656	111267	LRA02854	114257	LRA03046	114673	LRA03337	115477
LRA02660	110631	LRA02856	115317	LRA03048	113863	LRA03338	114229
LRA02663	110967	LRA02859	115835	LRA03052	114857	LRA03339	115437
LRA02668	111279	LRA02864	115473	LRA03054	114658	LRA03345	114897
LRA02670	110267	LRA02867	113069	LRA03060	115452	LRA03352	114779
LRA02672	112098	LRA02871	113536	LRA03064	114895	LRA03353	114694
LRA02677	111352	LRA02872	113837	LRA03067	113969	LRA03357	115526
LRA02679	112329	LRA02873	113993	LRA03068	115308	LRA03359	115410
LRA02683	111692	LRA02876	113956	LRA03069	114083	LRA03361	114728
LRA02686	111237	LRA02881	114131	LRA03070	115750	LRA03362	115667
LRA02688	113632	LRA02885	114130	LRA03072	114090	LRA03366	115692
LRA02689	111369	LRA02885	116069	LRA03074	111631	LRA03367	115654
LRA02690	111739	LRA02891	113881	LRA03075	112457	LRA03368	115753
LRA02693	112207	LRA02896	115907	LRA03076	113285	LRA03372	115930
LRA02696	111807	LRA02897	112428	LRA03080	113946	LRA03373	115580
LRA02698	113531	LRA02897	115673	LRA03082	113987	LRA03374	115868
LRA02700	112530	LRA02899	112218	LRA03084	114749	LRA03375	114290
LRA02710	111963	LRA02905	111842	LRA03090	115678	LRA03376	115412
LRA02712	112098	LRA02908	115658	LRA03091	113946	LRA03378	115669
LRA02713	112775	LRA02910	113791	LRA03096	114665	LRA03391	115852

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRA03394	115748	LRA1560	113921	LRB00193	111369	LRB00302	112561
LRA03397	115924	LRA1860	112529	LRB00194	111294	LRB00303	111515
LRA03398	115581	LRA2208	113856	LRB00195	111354	LRB00305	111888
LRA03402	115713	LRA2378	112097	LRB00196	111426	LRB00306	111658
LRA03405	115655	LRA3504	115765	LRB00196	111732	LRB00308	111963
LRA03410	114900	LRA462	111364	LRB00197	112453	LRB00310	111987
LRA03414	115318	LRA463	112238	LRB00198	112325	LRB00311	111893
LRA03415	115860	LRB00100	112076	LRB00199	111267	LRB00312	113485
LRA03423	115647	LRB00101	112757	LRB00200	112800	LRB00313	110706
LRA03424	115921	LRB00102	111146	LRB00202	112679	LRB00314	112202
LRA03442	115715	LRB00103	111288	LRB00205	111315	LRB00315	111812
LRA03455	115671	LRB00104	111834	LRB00206	112782	LRB00319	111514
LRA03476	115780	LRB00105	110116	LRB00207	112021	LRB00320	111369
LRA03482	115795	LRB00106	110113	LRB00210	111579	LRB00320	111514
LRA03488	115760	LRB00118	111154	LRB00211	111517	LRB00321	112165
LRA03490	114834	LRB00119	112162	LRB00212	111518	LRB00323	112679
LRA03493	115975	LRB00121	111094	LRB00213	111435	LRB00326	113471
LRA03500	115416	LRB00121	112149	LRB00214	111411	LRB00327	111689
LRA03502	115815	LRB00122	111356	LRB00214	111505	LRB00328	111413
LRA03513	115912	LRB00122	111364	LRB00215	113537	LRB00328	111689
LRA03516	115716	LRB00125	111279	LRB00216	111416	LRB00329	111689
LRA03518	115746	LRB00126	111176	LRB00217	112529	LRB00331	111318
LRA03519	115648	LRB00126	111293	LRB00218	112530	LRB00332	111318
LRA03522	115340	LRB00127	110891	LRB00219	112557	LRB00333	113604
LRA03529	112578	LRB00128	111176	LRB00221	111756	LRB00335	112467
LRA03532	115701	LRB00129	111287	LRB00222	112056	LRB00336	111598
LRA03537	114846	LRB00130	110631	LRB00223	112680	LRB00337	111518
LRA03539	115827	LRB00131	111166	LRB00224	113447	LRB00340	113770
LRA03540	116023	LRB00131	113376	LRB00225	111339	LRB00341	112093
LRA03543	115455	LRB00132	112775	LRB00230	111309	LRB00342	110701
LRA03548	114303	LRB00134	110881	LRB00230	111375	LRB00344	110620
LRA03549	114839	LRB00135	112803	LRB00232	111405	LRB00344	111048
LRA03552	115528	LRB00136	110105	LRB00234	111806	LRB00345	113832
LRA03554	114287	LRB00136	111649	LRB00234	112362	LRB00346	113832
LRA03555	114805	LRB00137	112159	LRB00235	111238	LRB00347	110622
LRA03566	116012	LRB00138	113920	LRB00236	111594	LRB00348	110622
LRA03568	115412	LRB00139	110113	LRB00237	111956	LRB00349	113486
LRA03573	115532	LRB00140	111331	LRB00238	111807	LRB00357	111795
LRA03580	115583	LRB00141	110163	LRB00239	113063	LRB00358	112143
LRA03581	114536	LRB00143	112299	LRB00243	112121	LRB00359	112142
LRA03585	114770	LRB00144	111352	LRB00249	111846	LRB00363	112709
LRA03587	115861	LRB00145	111353	LRB00250	111708	LRB00366	112025
LRA03590	114879	LRB00145	111477	LRB00252	111676	LRB00370	112203
LRA03592	116061	LRB00145	111884	LRB00254	111478	LRB00372	112806
LRA03596	114826	LRB00146	111479	LRB00256	112086	LRB00375	112557
LRA03597	115683	LRB00147	111477	LRB00257	114386	LRB00376	112557
LRA03623	113986	LRB00148	111411	LRB00260	112325	LRB00378	112406
LRA03627	114864	LRB00149	112229	LRB00261	111788	LRB00380	111532
LRA03631	115718	LRB00150	112151	LRB00262	111767	LRB00381	111797
LRA03632	114024	LRB00152	110659	LRB00265	111537	LRB00383	111824
LRA03633	115657	LRB00153	110802	LRB00266	111704	LRB00384	112021
LRA03640	115739	LRB00154	111186	LRB00267	110679	LRB00385	111988
LRA03643	113895	LRB00155	111317	LRB00268	111611	LRB00387	111820
LRA03645	112559	LRB00156	111705	LRB00269	111353	LRB00389	111828
LRA03654	115834	LRB00157	111342	LRB00270	111820	LRB00393	112193
LRA03659	115457	LRB00158	111176	LRB00271	112939	LRB00396	113577
LRA03662	115700	LRB00159	111176	LRB00272	112860	LRB00397	112199
LRA03663	114000	LRB00160	111754	LRB00274	111285	LRB00400	111718
LRA03671	115980	LRB00161	111623	LRB00275	110967	LRB00401	112059
LRA03673	113631	LRB00161	111742	LRB00277	112687	LRB00404	111990
LRA03676	114463	LRB00161	115890	LRB00278	112687	LRB00406	112720
LRA03677	114097	LRB00164	112689	LRB00280	112688	LRB00407	113879
LRA03680	113352	LRB00166	111732	LRB00281	112703	LRB00408	113879
LRA03685	113448	LRB00170	111280	LRB00282	112772	LRB00410	112860
LRA03687	112002	LRB00172	111293	LRB00287	112698	LRB00411	111468
LRA03687	114797	LRB00175	111988	LRB00288	112698	LRB00413	111237
LRA03691	112183	LRB00175	111991	LRB00290	112722	LRB00416	114241
LRA03697	113351	LRB00176	112765	LRB00291	113763	LRB00417	114242
LRA03698	114191	LRB00176	112799	LRB00292	111802	LRB00418	113942
LRA03700	116020	LRB00181	112298	LRB00293	113632	LRB00419	111937
LRA03705	114352	LRB00182	112754	LRB00294	113632	LRB00420	112057
LRA03706	114382	LRB00183	112230	LRB00295	111899	LRB00423	111409
LRA03707	115679	LRB00183	112292	LRB00296	111898	LRB00426	112045
LRA03715	114201	LRB00183	112860	LRB00296	111988	LRB00427	111946
LRA03743	113858	LRB00184	112230	LRB00297	112681	LRB00430	113770
LRA03743	115976	LRB00186	112287	LRB00298	111498	LRB00431	114114
LRA04656	110127	LRB00187	111803	LRB00299	111831	LRB00433	113350
LRA0468	111626	LRB00188	111687	LRB00300	112097	LRB00434	113498
LRA0469	111956	LRB00192	111354	LRB00301	111890	LRB00436	112058

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
LRB00437	113603	LRS00129	110462	LRS00343	111102	LRS00553	112136
LRB00438	112480	LRS00133	110363	LRS00344	111131	LRS00554	113381
LRB00439	113503	LRS00135	110842	LRS00346	110585	LRS00555	115572
LRB00441	112349	LRS00137	114650	LRS00356	111055	LRS00557	110149
LRB00442	111437	LRS00139	110440	LRS00364	110142	LRS00557	110808
LRB00443	113285	LRS00141	110338	LRS00370	110858	LRS00557	111310
LRB00444	113913	LRS00144	110336	LRS00372	111112	LRS00558	111059
LRB00446	112272	LRS00147	110545	LRS00375	110465	LRS00558	111748
LRB00447	111723	LRS00151	110462	LRS00383	112541	LRS00559	111061
LRB00448	112648	LRS00152	113745	LRS00385	110152	LRS00560	111059
LRB00449	113404	LRS00155	110464	LRS00386	110864	LRS00563	110862
LRB00451	112460	LRS00157	110818	LRS00392	110278	LRS00565	111755
LRB00452	112461	LRS00161	110520	LRS00394	111728	LRS00566	111332
LRB00453	113447	LRS00161	110615	LRS00395	110280	LRS00568	111332
LRB00454	113952	LRS00161	111737	LRS00396	110256	LRS00569	111004
LRB00455	113599	LRS00162	110460	LRS00396	111452	LRS00570	111752
LRB00456	112654	LRS00162	114650	LRS00400	110279	LRS00571	114650
LRB00457	112198	LRS00163	111269	LRS00403	110479	LRS00574	110441
LRB00458	111967	LRS00163	112290	LRS00410	111068	LRS00578	110867
LRB00459	113317	LRS00168	110336	LRS00428	110411	LRS00582	110367
LRB00460	112144	LRS00170	110442	LRS00429	111136	LRS00589	110365
LRB00463	111719	LRS00170	110565	LRS00435	110525	LRS00592	110584
LRB00467	112414	LRS00172	110438	LRS00435	113482	LRS00594	110365
LRB00470	112472	LRS00173	110565	LRS00437	110996	LRS00604	111451
LRB00473	113340	LRS00178	110793	LRS00439	110809	LRS00605	110394
LRB00474	112079	LRS00178	111066	LRS00443	110520	LRS00607	110260
LRB00474	114789	LRS00182	110640	LRS00443	111118	LRS00609	110397
LRB00475	112002	LRS00182	110813	LRS00450	111118	LRS00611	111065
LRB00475	114797	LRS00185	111347	LRS00451	110365	LRS00611	112440
LRB00475	115483	LRS00188	110144	LRS00455	110867	LRS00614	111025
LRB00478	112273	LRS00190	110439	LRS00458	111068	LRS00615	111683
LRB00481	112274	LRS00191	113172	LRS00459	110587	LRS00617	111461
LRB00482	111884	LRS00192	110365	LRS00459	111070	LRS00620	110465
LRB00485	112075	LRS00195	110615	LRS00459	111130	LRS00621	110842
LRB00486	111989	LRS00195	111737	LRS00460	111063	LRS00624	110149
LRB00486	115482	LRS00196	111865	LRS00463	110367	LRS00625	110389
LRB00487	112271	LRS00203	110856	LRS00463	110866	LRS00626	110389
LRB00490	111375	LRS00206	112651	LRS00465	112295	LRS00627	110149
LRB00492	112413	LRS00208	110997	LRS00465	113481	LRS00627	110808
LRB00493	112413	LRS00212	110462	LRS00473	110315	LRS00631	113465
LRB00494	112469	LRS00215	110442	LRS00475	111070	LRS00632	111332
LRB00497	113709	LRS00215	110565	LRS00476	111070	LRS00633	113466
LRB00499	113439	LRS00217	110421	LRS00478	110839	LRS00638	113269
LRB00500	113440	LRS00226	110152	LRS00479	110465	LRS00639	111332
LRB00501	112351	LRS00227	110277	LRS00484	113380	LRS00640	111231
LRB00502	113405	LRS00229	110160	LRS00488	111451	LRS00641	111231
LRB00503	113403	LRS00229	111054	LRS00490	110421	LRS00648	110865
LRB00504	112144	LRS00229	111489	LRS00490	111475	LRS00649	112533
LRB00505	112470	LRS00230	110462	LRS00492	111214	LRS00650	111115
LRB00507	112458	LRS00231	111100	LRS00500	110182	LRS00651	111131
LRB00509	112414	LRS00232	110565	LRS00502	110386	LRS00653	111030
LRB00511	112387	LRS00234	111585	LRS00503	110144	LRS00654	110336
LRB00512	112402	LRS00240	112660	LRS00503	110585	LRS00654	111131
LRB00513	113296	LRS00249	110142	LRS00505	110585	LRS00654	111269
LRB00514	111824	LRS00250	110154	LRS00507	110708	LRS00655	110862
LRB00515	112416	LRS00256	110367	LRS00507	113936	LRS00655	111347
LRB00518	112397	LRS00259	111058	LRS00510	110386	LRS00656	111851
LRB00606	111295	LRS00261	110444	LRS00514	110402	LRS00657	110839
LRB00627	111295	LRS00270	112390	LRS00514	111385	LRS00658	110844
LRB00628	111295	LRS00281	110396	LRS00515	110158	LRS00661	111112
LRB00630	111295	LRS00286	110352	LRS00515	110315	LRS00661	111120
LRD00100	110482	LRS00291	111068	LRS00515	110479	LRS00662	111069
LRD00100	110483	LRS00295	111068	LRS00516	110158	LRS00665	111619
LRD00101	110483	LRS00298	110831	LRS00516	110315	LRS00671	110584
LRD00103	110484	LRS00301	110439	LRS00521	110865	LRS00672	113467
LRD00109	111225	LRS00301	110819	LRS00522	111010	LRS00673	110461
LRS00101	111103	LRS00302	110459	LRS00525	113745	LRS00673	112251
LRS00102	111102	LRS00304	110459	LRS00526	112455	LRS00675	111131
LRS00106	111573	LRS00304	110461	LRS00528	111060	LRS00681	112321
LRS00107	110465	LRS00305	110460	LRS00531	111114	LRS00683	110847
LRS00109	110831	LRS00320	110155	LRS00531	112541	LRS00683	111122
LRS00110	110831	LRS00320	110256	LRS00533	111063	LRS00684	110811
LRS00113	110462	LRS00322	110277	LRS00534	110368	LRS00688	110149
LRS00115	110462	LRS00328	111115	LRS00543	110831	LRS00688	110808
LRS00120	110817	LRS00334	110157	LRS00544	111131	LRS00697	112124
LRS00121	110367	LRS00336	110157	LRS00544	111750	LRS00704	111303
LRS00124	110443	LRS00336	110158	LRS00545	110249	LRS00706	111574
LRS00125	110142	LRS00341	111228	LRS00545	110312	LRS00707	111030
LRS00127	111103	LRS00341	112289	LRS00545	111442	LRS00708	113346

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRS00709	111865	LRS00817	110512	LRS00944	110640	LRS01137	110356
LRS00710	111608	LRS00818	110524	LRS00945	113381	LRS01139	111475
LRS00711	111303	LRS00819	110206	LRS00946	110209	LRS01140	110292
LRS00711	111459	LRS00820	112249	LRS00946	110521	LRS01143	110292
LRS00715	111055	LRS00821	110537	LRS00949	111001	LRS01144	110813
LRS00715	111123	LRS00822	110537	LRS00956	112039	LRS01145	112178
LRS00715	111127	LRS00823	110531	LRS00956	115344	LRS01148	113408
LRS00715	111684	LRS00824	110512	LRS00957	115423	LRS01149	112246
LRS00719	110312	LRS00825	110210	LRS00960	110535	LRS01150	110808
LRS00719	111442	LRS00827	112289	LRS00960	113464	LRS01151	110144
LRS00721	110473	LRS00828	110812	LRS00962	111637	LRS01153	111098
LRS00722	111310	LRS00828	113846	LRS00963	111400	LRS01154	112173
LRS00723	110713	LRS00837	110517	LRS00964	112167	LRS01156	110866
LRS00726	111544	LRS00837	110521	LRS00965	111906	LRS01160	113846
LRS00727	111805	LRS00838	110814	LRS00966	112286	LRS01161	111130
LRS00728	110354	LRS00839	110517	LRS00967	111552	LRS01162	113924
LRS00728	112439	LRS00839	110518	LRS00968	110615	LRS01167	110810
LRS00729	111489	LRS00839	110521	LRS00968	111737	LRS01168	112674
LRS00730	111029	LRS00840	110520	LRS00969	111346	LRS01169	110447
LRS00731	112131	LRS00840	110601	LRS00971	112309	LRS01170	110574
LRS00732	111131	LRS00841	110518	LRS00972	112454	LRS01173	110469
LRS00732	111750	LRS00841	110582	LRS00972	114233	LRS01174	110551
LRS00733	110867	LRS00842	110521	LRS00973	110575	LRS01178	111304
LRS00733	112290	LRS00843	110512	LRS00974	111534	LRS01180	111404
LRS00735	112295	LRS00843	110520	LRS00975	110279	LRS01184	111445
LRS00735	113481	LRS00843	110601	LRS00976	112251	LRS01188	110472
LRS00737	110584	LRS00845	110213	LRS00977	111900	LRS01189	110947
LRS00738	111136	LRS00847	110529	LRS00978	113701	LRS01190	111015
LRS00739	110461	LRS00847	110640	LRS00979	111305	LRS01197	110539
LRS00741	111387	LRS00848	110519	LRS00986	110582	LRS01198	110820
LRS00741	112336	LRS00848	110522	LRS00987	112555	LRS01202	115472
LRS00743	111421	LRS00848	110812	LRS00989	111422	LRS01204	110538
LRS00744	113389	LRS00849	111274	LRS00990	112321	LRS01207	114856
LRS00745	110842	LRS00850	110529	LRS00991	112537	LRS01211	110854
LRS00746	110212	LRS00850	110813	LRS00992	112235	LRS01216	111127
LRS00747	111640	LRS00854	110512	LRS00993	112340	LRS01220	111312
LRS00749	111130	LRS00860	110208	LRS00995	111455	LRS01223	111404
LRS00749	113443	LRS00861	110534	LRS00997	111251	LRS01224	111305
LRS00750	111911	LRS00862	110531	LRS01006	110818	LRS01225	110720
LRS00750	114118	LRS00863	110208	LRS01008	110438	LRS01230	110590
LRS00751	111070	LRS00865	110533	LRS01012	110245	LRS01232	112166
LRS00751	114460	LRS00867	110364	LRS01020	110292	LRS01236	111224
LRS00754	111125	LRS00874	110793	LRS01027	113482	LRS01237	110568
LRS00755	112235	LRS00878	110214	LRS01032	113705	LRS01246	110819
LRS00756	111131	LRS00883	110207	LRS01035	110551	LRS01248	113307
LRS00756	111750	LRS00884	110811	LRS01044	111398	LRS01250	111047
LRS00757	111131	LRS00885	110810	LRS01053	111001	LRS01253	111451
LRS00760	111030	LRS00886	112215	LRS01055	112007	LRS01254	111273
LRS00760	111131	LRS00887	112214	LRS01057	110536	LRS01256	110627
LRS00760	111269	LRS00888	111442	LRS01058	111224	LRS01265	111459
LRS00761	111058	LRS00890	115540	LRS01064	111217	LRS01271	112542
LRS00762	110536	LRS00891	113750	LRS01069	111332	LRS01272	112034
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LRS00765	113468	LRS00893	112306	LRS01078	110573	LRS01276	112034
LRS00766	110981	LRS00896	110809	LRS01083	111332	LRS01279	112041
LRS00767	110980	LRS00896	111476	LRS01089	111755	LRS01283	110933
LRS00768	110709	LRS00896	111565	LRS01096	110793	LRS01286	110468
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LRS00778	110532	LRS00899	113346	LRS01103	110522	LRS01289	112268
LRS00781	112286	LRS00911	112455	LRS01105	110412	LRS01292	110485
LRS00783	111694	LRS00913	111058	LRS01108	110246	LRS01294	111300
LRS00783	111900	LRS00915	111010	LRS01109	113482	LRS01296	112267
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LRS00791	111749	LRS00923	110523	LRS01123	112173	LRS01312	110485
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LRS00814	110997	LRS00940	110522	LRS01134	110551	LRS01321	110552
LRS00816	110368	LRS00940	113134	LRS01135	111021	LRS01322	112074

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



Cross reference list

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
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LRS01328	112370	LRS01510	111334	LRS01700	114162	LRS01925	113195
LRS01330	114106	LRS01512	110961	LRS01701	113513	LRS01928	112323
LRS01339	112277	LRS01519	112014	LRS01702	112474	LRS01930	112116
LRS01340	111544	LRS01520	110460	LRS01711	113630	LRS01936	112494
LRS01343	112365	LRS01521	113044	LRS01712	113937	LRS01938	112581
LRS01344	111005	LRS01525	111849	LRS01714	114059	LRS01941	113129
LRS01348	110958	LRS01528	114240	LRS01715	113964	LRS01942	113277
LRS01351	113702	LRS01533	114762	LRS01726	113962	LRS01943	112446
LRS01353	113231	LRS01534	112217	LRS01727	114482	LRS01945	113356
LRS01359	112341	LRS01537	113481	LRS01729	113929	LRS01946	110347
LRS01360	111087	LRS01539	113459	LRS01736	116039	LRS01947	113980
LRS01361	111970	LRS01540	112430	LRS01737	113933	LRS01950	113676
LRS01363	111785	LRS01542	115950	LRS01738	114161	LRS01950	115883
LRS01367	111912	LRS01544	112178	LRS01744	113819	LRS01952	113484
LRS01370	111763	LRS01547	110940	LRS01745	113020	LRS01953	111003
LRS01372	115981	LRS01550	113974	LRS01748	112904	LRS01954	113466
LRS01374	112442	LRS01551	113965	LRS01750	114764	LRS01957	112822
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LRS01391	112986	LRS01564	112444	LRS01785	112911	LRS01970	112446
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LRS01429	112546	LRS01582	112445	LRS01812	111218	LRS02011	110368
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LRS01436	113445	LRS01589	112497	LRS01818	113484	LRS02018	111728
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LRS01439	112172	LRS01592	112436	LRS01835	110616	LRS02024	110336
LRS01439	115816	LRS01593	113927	LRS01839	113194	LRS02025	111122
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LRS01446	112217	LRS01609	112371	LRS01845	112670	LRS02031	110368
LRS01447	112036	LRS01610	113515	LRS01848	113210	LRS02033	112306
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LRS01451	112369	LRS01620	110530	LRS01853	116040	LRS02040	111131
LRS01452	113313	LRS01622	112442	LRS01856	112174	LRS02041	111525
LRS01453	112322	LRS01623	113327	LRS01859	111003	LRS02045	110443
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LRS01462	114160	LRS01638	113303	LRS01889	112323	LRS02065	111475
LRS01464	111190	LRS01640	113930	LRS01890	112372	LRS02066	111550
LRS01468	111272	LRS01643	112672	LRS01891	112116	LRS02067	113132
LRS01469	111766	LRS01646	111699	LRS01893	111679	LRS02070	110713
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LRS01495	112846	LRS01676	114163	LRS01910	111254	LRS02096	112214
LRS01498	113968	LRS01678	114477	LRS01911	111247	LRS02098	112295
LRS01499	112440	LRS01679	114723	LRS01917	112037	LRS02099	112006

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRS02100	114460	LRS02276	114661	LRS02463	115887	LRS02648	115646
LRS02102	111865	LRS02279	113960	LRS02468	115948	LRS02649	115607
LRS02104	111422	LRS02280	114237	LRS02469	115949	LRS02651	115616
LRS02105	111347	LRS02281	115627	LRS02474	115539	LRS02652	115825
LRS02106	110584	LRS02284	114738	LRS02476	115634	LRS02654	115446
LRS02107	111123	LRS02285	114851	LRS02478	115610	LRS02655	115998
LRS02108	112295	LRS02286	115599	LRS02487	114305	LRS02657	115468
LRS02109	112818	LRS02287	114853	LRS02489	114264	LRS02661	115818
LRS02110	112368	LRS02295	113963	LRS02490	115698	LRS02665	114401
LRS02113	111550	LRS02296	115573	LRS02494	115719	LRS02670	113725
LRS02114	110315	LRS02298	114740	LRS02495	115574	LRS02673	113181
LRS02115	113276	LRS02300	113211	LRS02497	115611	LRS02676	113900
LRS02120	110152	LRS02301	114270	LRS02500	115612	LRS02678	114874
LRS02125	110862	LRS02303	113937	LRS02502	115395	LRS02683	115828
LRS02129	111475	LRS02305	114820	LRS02503	114761	LRS02684	115588
LRS02130	111131	LRS02308	112547	LRS02504	115977	LRS02687	115426
LRS02136	111489	LRS02309	113797	LRS02506	116024	LRS02689	111900
LRS02138	112455	LRS02312	113797	LRS02509	115745	LRS02690	115558
LRS02141	110209	LRS02314	114159	LRS02516	115400	LRS02698	115727
LRS02143	110205	LRS02315	114526	LRS02519	115733	LRS02701	114476
LRS02144	110521	LRS02320	115569	LRS02521	115330	LRS02702	112547
LRS02146	110212	LRS02322	113672	LRS02522	114742	LRS02705	115684
LRS02147	110212	LRS02322	115881	LRS02523	115613	LRS02710	115563
LRS02149	110208	LRS02323	113907	LRS02526	115829	LRS02714	115685
LRS02151	110534	LRS02324	115405	LRS02528	114323	LRS02715	115830
LRS02152	113466	LRS02325	115398	LRS02528	115889	LRS02778	116050
LRS02153	114047	LRS02326	115938	LRS02538	114275	LRS138	110464
LRS02154	110524	LRS02328	110552	LRS02539	115626	LRS2407	114021
LRS02155	110206	LRS02329	115943	LRS02541	114402	LRS2853	113710
LRS02156	110582	LRS02330	114690	LRS02543	115645	LRS926	110545
LRS02157	113979	LRS02336	115597	LRS02553	115570	LRT00100	111241
LRS02158	114523	LRS02338	113926	LRS02554	114307	LRT00101	111508
LRS02158	115514	LRS02341	114073	LRS02563	114850	LRT00102	112301
LRS02160	113702	LRS02342	115328	LRS02564	115337	LRT00103	111349
LRS02164	115643	LRS02343	114020	LRS02565	116002	LRT00104	114318
LRS02166	114279	LRS02345	115336	LRS02570	115734	LRT00105	113928
LRS02168	113843	LRS02346	115542	LRS02571	114443	LRT00106	110574
LRS02170	110634	LRS02347	114746	LRS02574	115639	LRT00106	111805
LRS02174	113773	LRS02348	114029	LRS02575	115636	LRT00107	111848
LRS02180	112498	LRS02349	113303	LRS02577	114389	LRT00108	112053
LRS02183	114108	LRS02351	113821	LRS02578	115359	LRT00110	111214
LRS02185	112296	LRS02352	115947	LRS02579	115723	LRT00111	111311
LRS02186	113796	LRS02353	114057	LRS02582	114871	LRT00113	111442
LRS02190	110156	LRS02355	112646	LRS02583	115341	LRT00113	113024
LRS02194	114094	LRS02356	113977	LRS02584	115997	LRT00114	111559
LRS02196	114096	LRS02357	115770	LRS02589	111885	LRT00114	112083
LRS02199	114169	LRS02365	110839	LRS02590	115376	LRT00116	112818
LRS02205	111911	LRS02368	112083	LRS02591	115768	LRT00117	111374
LRS02208	114837	LRS02372	114875	LRS02592	115524	LRT00119	111911
LRS02210	112255	LRS02375	113696	LRS02597	113995	LRT00120	111549
LRS02212	114283	LRS02377	114093	LRS02599	114733	LRT00123	113361
LRS02217	113938	LRS02377	115512	LRS02599	115894	LRT00124	112295
LRS02222	113453	LRS02380	114125	LRS02602	115339	LRT00125	113644
LRS02223	113935	LRS02381	111552	LRS02603	115771	LRT00126	111029
LRS02223	115501	LRS02382	115538	LRS02604	115729	LRT00127	111874
LRS02224	114091	LRS02387	115641	LRS02607	114873	LRT00129	111455
LRS02227	113608	LRS02388	114444	LRS02609	115822	LRT00129	111984
LRS02228	111065	LRS02390	114886	LRS02610	115399	LRT00131	111690
LRS02231	115361	LRS02391	115559	LRS02612	114760	LRT00132	113451
LRS02232	113974	LRS02391	116054	LRS02615	115735	LRT00133	113387
LRS02233	113108	LRS02392	115638	LRS02617	115686	LRT00134	111851
LRS02235	114170	LRS02393	111844	LRS02619	115575	LRT00135	111399
LRS02241	113205	LRS02394	115402	LRS02623	115986	LRT00136	111693
LRS02242	110530	LRS02395	114183	LRS02624	114775	LRT00137	110524
LRS02244	113756	LRS02399	114056	LRS02624	115502	LRT00137	113979
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LRS02249	114092	LRS02406	114328	LRS02627	112185	LRT00140	112459
LRS02252	113719	LRS02408	115635	LRS02631	115696	LRT00143	111641
LRS02252	115869	LRS02410	114849	LRS02632	111212	LRT00146	111420
LRS02254	115756	LRS02413	115642	LRS02633	114050	LRT00147	111228
LRS02258	114100	LRS02419	114299	LRS02635	115401	LRT00147	112124
LRS02258	115893	LRS02431	115940	LRS02636	114818	LRT00148	111685
LRS02264	115637	LRS02437	115360	LRS02638	113723	LRT00150	113752
LRS02268	113934	LRS02440	115974	LRS02639	114676	LRT00155	115407
LRS02269	114171	LRS02442	115338	LRS02641	115758	LRT00157	111558
LRS02272	113891	LRS02443	115394	LRS02644	115598	LRT00158	111088
LRS02272	115509	LRS02454	115361	LRS02645	114833	LRT00159	110847
LRS02273	113859	LRS02463	115593	LRS02646	114375	LRT00160	113745

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>LUCAS</b> <i>Continued</i>							
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LRT00163	112290	NAB307	110975	30281018	110517	63102018	112382
LRT00163	114119	NAB501	110977	30281020	110518	63102020	112382
LRT00165	111680	NAB900	110497	30281027	110520	63102021	114123
LRT00167	111906	NAB9000M	113152	30380301	110529	63102021	114123
LRT00168	111485	NAB900M	112237	30380319	110813	63102022	113962
LRT00169	111865	NAB901	110977	30680274	111180	63102022	113962
LRT00170	112533	NAB902	110976	30680316	112768	63103002	112124
LRT00172	111904	NAB903	110577	30680350	110912	63103002	112124
LRT00173	111823	NAB904	110976	30680353	110890	63103007	112124
LRT00174	113605	NAB905	111204	50246218	111010	63103015	112382
LRT00175	111123	NDB100	110482	50246416	112537	63103019	111310
LRT00176	110461	NDB101	110483	50246532	111228	63103022	112124
LRT00176	112251	NSB101	110831	50246648	112124	63103022	112124
LRT00177	111909	NSB103	110831	054022197	111364	63103024	112382
LRT00178	112005	NSB132	112124	054022238	110968	63103031	113962
LRT00179	111900	NSB409	110440	054022379	112238	63111001	115407
LRT00181	111463	NSB415	110818	054022384	110770	63111005	111685
LRT00182	112006	NSB500	110442	054022384	110968	63111006	111911
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LRT00197	111994	NSB515	110464	054022584	111176	63113002	113430
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LRT00207	113346	NSB534	113380	054022601	111741	63191007	115951
LRT00208	113281	NSB535	110465	054022602	111176	63193001	113925
LRT00213	113649	NSB540	110565	054022603	110891	63206704	110524
LRT00215	114889	S0850	110813	054022604	110891	63206834	111755
LRT00216	113314	S1373	111490	054022625	111362	63213815	110529
LRT00217	111995	S2753	112910	054022626	110770	63214308	110520
LRT00218	112429	S2757	111786	054022628	111356	63214333	110520
LRT00219	112236	S2762	112911	054022628	111362	63214371	110520
LRT00220	112435	S2763	112898	054022630	111364	63216701	110521
LRT00221	112438	S2765	112904	054022631	110770	63216702	110520
LRT00222	112083	S2930	110225	054022636	110770	63216703	110518
LRT00223	112431	S2931	110225	054022639	110968	63216704	110521
LRT00224	112320	S4515	110819	054022639	111355	63216725	110521
LRT00225	114523	S4523	110818	054022640	112238	63216726	110521
LRT00226	111908	S9081	110315	054022641	110770	63216727	110521
LRT00228	112553	S9415	110810	054022641	112238	63216731	110517
LRT00234	113286	S9421	110810	054022642	110770	63216731	110521
LRT00235	113761	S9463	113668	054022642	111355	63216731	110521
LRT00236	115442	S9620	112911	054022643	110770	63216733	110520
LRT00237	112218	S9911	110626	054022646	112238	63216733	110520
LRT00240	112475	S9930	110942	054022647	110770	63216733	110601
LRT00244	113271			054022647	111355	63216740	110518
LRT00600	110450			054022649	110770	63216741	110518
LRT00605	110449	<b>MAGNETI MARELLI</b>		054022650	111176	63216741	110518
LRT00610	110449	27522	110819	054022654	111361	63216747	110521
LRT00610	110566	27540	110819	054022656	112722	63216748	110521
LRT00611	112091	27571	110819	054022664	111361	63216748	110521
LRT00612	110452	MAR5032	112703	54022720	111623	63216800	110529
LRT00612	110998	MAR5043	112681	54022720	111742	63216802	110519
LRT00613	110998	MAR5161	111171	54022720	115890	63216808	110812
LRT00615	112090	MAR5651	112058	54293284	110615	63216814	110530
LRT00617	111097	MAR5742	115791	63101002	111422	63216816	111001
LRT00618	110450	MAR6003	112754	63101003	114123	63216825	110529
LRT00619	110452	MAR6223	112688	63101003	112380	63216826	110529
LRT00630	111097	MAR7076	112059	63101007	115951	63216827	110529
LRT00631	110518	MAR7511	111515	63101007	115951	63216831	110529
LRT00632	110449	2707130	110442	63101008	114123	63216831	110529
LRT00636	111097	4737758	110519	63101015	112382	63216831	110529
LRT00641	110450	4755110	110522	63101018	112382	63216833	110519
LRT00653	112090	4755112	110519	63101021	113962	63216833	110519
LRT00656	110452	30180246	110365	63101022	114123	63216833	110812
NAB300	110968	30180309	110814	63101023	114123	63216873	110522
NAB301	110969	30281003	110521	63101023	114123	63216874	110529
NAB302	110970	30281004	110521	63102003	111420	63216876	110530
		30281013	110521	63102003	111420	63216876	110530

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
63216884	110530	63222138	111421	63227051	111303	63280040	113654
063216884	110530	063222138	111421	63227413	110818	63280041	113655
63216896	110522	63222405	110352	063227413	110818	63280042	113962
063216896	110522	63222408	110352	63227421	110439	063280042	113962
63216898	110522	63222435	110352	063227460	110441	063280043	112382
63217101	110813	63222436	110352	63227468	110440	063280044	113962
63217104	110814	63222438	110352	063227468	110440	63280045	113719
63217105	110812	63222506	110352	063227468	110441	063280045	113719
63217106	111284	63222831	112124	063227470	110439	63280045	115869
63217116	110812	63222833	112124	63227470	110819	063280045	115869
63217118	110812	63222836	111585	63227478	110615	63280046	113962
063217121	110640	63222837	111585	63227479	110442	063280047	112382
63217121	113381	63222888	111422	63227480	110819	063280048	114056
63217125	110813	63222889	111422	063227485	110442	063280050	113244
063217126	110529	63222890	111422	63227485	114730	063280051	111550
63217126	110813	63222897	111585	063227486	110443	063280052	111874
063217126	110813	63222904	111420	63227486	110615	063280053	112367
63217138	110530	63222905	111585	063227487	110442	063280054	114889
63217147	110814	063222905	111585	063227488	110439	063280055	113314
63217148	110814	063222908	110365	63227488	110819	063280057	114239
063217148	110814	63222908	111585	63227489	110464	063280058	114071
063217148	111693	063222908	111585	063227489	110464	063280059	114216
063217154	110519	63222936	111422	063227501	110459	63280070	111911
63217154	110812	63223001	112124	63227501	110461	63280071	114072
063217154	110812	63223031	112124	063227501	110461	063280090	113926
63217158	112039	63223033	112124	063227501	112251	63280091	113254
063217158	112039	63223035	111228	063227502	111737	63280901	113659
063217158	115344	63223039	114758	63227508	112660	063280901	113659
63217163	111284	063223085	111228	63227512	110545	63291405	110585
63217173	115423	63223085	112124	63227518	110615	63293039	113750
63217180	115423	063223085	112289	63227520	110615	063293039	113750
63217201	110517	63223101	112124	63227528	110818	63293039	114758
63217225	110517	063223101	112124	63227541	111346	063293039	114758
63217226	110517	063223101	112289	063227543	110459	063293103	113346
063217226	110517	63223103	113346	063227553	112136	63293537	111911
63217410	111693	63223104	113346	063227553	113380	63293538	113701
063217410	111693	63223200	111422	063227554	110465	063293538	113701
63217433	115423	63223303	112124	063227554	111737	63296357	110615
63220537	110365	63223304	111088	063227559	110460	063296842	112135
63220701	110338	063223332	111619	063227564	111574	63300506	110899
63220703	110365	63223431	110854	63227564	112267	63300521	111180
63220713	110365	63223432	112455	63227565	111346	63300802	111180
63220721	110338	63223433	111400	63227568	111346	63300900	111180
63220723	110365	63223434	111010	63227569	110462	63300901	111180
63220731	110338	063223435	111911	063227569	110462	63300920	111180
63220733	110365	63223435	114118	63227585	110615	63300921	111180
63220741	110338	63223436	110854	63227588	110615	63300931	111180
063220741	110338	063223436	110854	63227590	111346	63303100	110611
63220743	110365	63223438	112309	063227592	110615	63303110	110611
063220931	111118	63223530	110854	063227592	111737	63303120	110611
63221305	111058	063223530	110854	063227593	110819	63303130	110611
63221306	111058	63223531	110854	63227596	110615	63303140	110611
63221307	111058	063223531	110854	63227598	111346	63303150	110611
063221330	111228	063223532	112455	63227599	111346	63303191	110611
63221335	111058	63223537	111911	63227601	112136	63303192	110611
63221401	112289	63223538	113701	063227601	112136	63303500	110611
63221405	112034	63223730	111685	63230001	113346	63303502	111078
63221431	112289	63224017	113446	63253010	111131	63303581	110912
063221431	112289	63224170	110521	63253020	110867	63303610	111035
63221435	112034	63224580	110521	63280001	112235	63303701	111078
63221500	111118	63224600	110529	63280002	112340	63303703	111078
63221530	111118	63226301	110213	63280005	112235	63303721	111078
063221532	112289	63226391	110213	063280005	112235	63303731	111078
63221535	111058	63226631	112390	063280008	112290	63303733	111078
63221604	111505	063226631	112390	63280010	111906	063303733	111078
63221637	111228	63226689	111750	063280010	111906	63303739	111411
63221800	111025	63226801	111865	063280014	111131	63303780	111138
63221830	111025	063226801	111865	063280021	113905	63304000	112097
63221832	110365	63226845	110818	063280022	112821	63304001	112097
063221832	110365	063226845	111608	063280022	115870	63304002	112097
63221890	111025	63226920	112277	063280023	113794	63304010	112097
63221892	110365	63226942	110867	063280027	113906	63304011	112097
063221892	110365	063226942	110867	063280028	113907	63304012	112097
63222005	113446	63227014	111131	063280029	113908	63304020	112097
63222034	111421	063227014	111131	063280029	116062	63304021	112097
063222034	111421	063227017	111750	063280031	113909	63304022	112097
63222035	112533	063227034	113346	063280032	111374	63304030	112097
063222035	112533	063227035	113346	063280034	113910	63304031	112097
063222035	113446	063227046	111303	063280036	113911	63304040	112097

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
63304041	112097	63307106	111078	63320035	111148	063321023	112719
63304050	112097	63307108	111078	63320037	112768	63321028	112719
63304051	112097	63307120	111138	63320039	111082	63321029	111654
63304061	112097	63307126	111078	63320040	113471	63321031	111686
63304075	112097	63307128	111078	63320042	111620	63321035	110882
63304078	112078	63307150	110912	63320044	111620	63321036	110882
63304079	112079	63307160	110912	63320046	111620	63321037	110882
63304081	112097	63307206	110882	63320049	111686	63321041	110890
63304082	112097	63307207	110882	063320049	111686	063321041	110890
63304083	112097	63307227	110882	063320049	112097	063321042	110882
63304084	112097	63307236	110890	063320049	112719	063321042	110890
63304087	112097	63307246	110882	63320053	112719	63321042	111418
63304088	112097	63307256	110882	63320055	111148	63321042	115873
63304090	112097	63307400	110912	63320056	111035	063321044	110882
63304091	112097	63307401	111035	63320060	112097	63321044	111418
63304093	112097	63307405	110912	063320060	112097	063321044	111418
63304095	112097	63307407	110912	63320094	111687	63321044	115873
63304100	112097	63307410	110912	63320100	110890	063321044	115873
63304120	112097	63307420	110912	63320105	111620	63321045	112097
63304800	110611	63307425	110912	63320111	113533	63321046	112097
63304807	112087	63307427	110912	63320112	110912	63321047	112097
63305000	111138	63307429	110912	63320121	111620	63321048	112097
63305020	110912	63307430	110912	63320124	114669	63321049	112097
63305100	111138	63307431	111035	63320125	112719	63321050	112097
63305120	112768	63307450	110912	63320126	111654	63321052	112097
63305130	111138	63307460	110912	63320128	110912	63321055	112097
63305150	110912	63307470	110912	63320129	111620	63321056	110912
63305206	110882	63307506	110890	63320130	111035	63321056	111620
63305226	110882	63307526	110890	63320137	114669	063321056	111620
63305236	110882	63307536	110890	63320140	113471	63321057	112728
63305256	110882	63307604	111148	63320141	110912	63321061	110912
63305276	110882	63307624	111148	63320200	111411	63321062	111620
63305300	110912	63307634	111148	63320218	111756	063321062	111620
63305310	110912	63307801	111620	63320219	111411	63321063	112097
63305400	110912	63307802	111686	63320226	111409	063321067	111036
63305401	111035	63307822	111686	63320243	112325	63321067	111621
63305404	110912	63307832	111686	63320253	111411	63321068	111148
63305405	110912	63307841	110890	63320256	111409	063321068	111148
63305406	110912	63307862	111686	63320258	111505	63321070	111148
63305424	110912	63307872	111686	63320289	112025	63321071	110912
63305425	110912	63308300	112097	63320292	111409	63321072	111620
63305426	110912	63308310	112097	63320315	112025	63321077	111654
63305430	110912	63308320	112097	63320319	111411	63321080	110912
63305431	111035	63308330	112097	63320333	113939	063321080	112719
63305450	110912	63308340	112097	63320349	113763	63321081	112728
63305506	110890	63308350	112097	63320500	111411	063321082	111036
63305520	110912	63308360	112097	63320511	111416	63321082	113471
63305526	110890	63308370	112097	63320531	112325	063321082	113471
63305536	110890	63308380	112097	63321000	111036	63321083	111082
63305606	110890	63308701	111078	063321000	111036	063321083	111082
63305621	110912	63308731	111078	63321001	111078	63321083	112298
63305721	110911	63310504	114451	63321003	111035	063321083	112728
63305722	110911	063310508	113247	63321005	111035	63321084	111620
63305800	111153	063310509	112059	63321007	111148	63321086	111620
63305801	111620	63320001	111036	63321008	110912	063321086	111620
63305802	111686	63320002	111078	63321010	110912	063321086	111654
63305820	111153	63320003	112719	063321011	110890	063321086	111686
63305822	111686	63320004	111035	063321011	110912	63321095	112768
63305832	111686	63320007	112719	063321011	111138	63321096	111620
63305842	111686	63320008	112719	63321011	112719	063321096	111620
63305862	111078	63320013	111654	063321011	112719	63321099	111686
63306000	112097	63320015	111686	063321011	112768	63321103	112719
63306050	112097	63320016	111148	63321017	111654	63321104	112097
63306060	112097	63320017	111654	063321017	111654	063321109	111035
63306070	112097	63320018	111620	063321017	112719	063321112	110882
63306079	112097	63320020	111654	63321019	111686	063321112	110912
63306089	112097	63320021	110882	063321019	111686	063321112	111620
63306300	112097	063320021	110882	63321020	111686	063321112	111654
63306301	112097	63320023	110890	063321021	110882	63321112	112719
63306302	112097	063320023	110890	063321021	110890	063321112	112719
63306350	112097	63320024	111418	063321021	111078	63321113	111036
63306360	112097	63320024	115873	063321021	111620	63321114	111082
63306370	112097	63320025	112097	63321021	111686	063321114	111082
63306379	112097	063320025	112097	063321021	111686	063321114	112728
63306389	112097	63320026	111620	63321022	111686	63321115	112097
63306701	111078	63320028	111035	063321023	110882	63321120	112719
63306721	111078	63320031	112719	063321023	110912	63321123	111654
63306731	111078	63320032	111620	63321023	111148	63321136	113471
63307100	111138	63320034	111621	063321023	111148	63321141	113471

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
63321146	111686	63321358	112021	63321712	111411	063324202	110770
063321151	111148	63321361	111802	63321715	115476	063324220	110891
63321152	111620	63321362	111416	63321718	113718	63324231	111368
063321152	111620	63321364	111505	63321723	112782	063324231	111368
63321153	111620	63321367	111416	63321724	112121	63324233	110891
063321153	111620	63321396	111689	63321727	112203	063324233	110891
63321154	111035	63321406	111568	63321729	113536	63324242	112238
063321154	111035	63321409	112719	63321730	112121	063324245	110770
063321154	111085	063321409	112719	63321733	113405	63324245	111355
063321154	111180	63321414	113336	63321734	113575	063324245	111355
63321161	112097	63321418	113942	63321740	113404	063324249	111362
63321163	112097	63321419	113939	63321741	112648	063324256	111363
63321165	111687	63321422	112698	63321743	113621	63324264	110607
063321165	111687	63321424	114669	63321744	114384	063324264	110607
63321170	111803	63321425	112325	63321746	112142	63324264	111754
063321170	111803	63321436	113939	63321747	113537	063324264	111754
63321172	110912	63321453	111568	63321753	113529	63324273	111739
063321173	111036	63321458	114669	63321758	113599	063324273	111739
63321173	113471	63321465	112698	63321761	114899	63324274	111740
063321173	113471	63321466	113763	63321765	113535	063324274	111740
63321178	112728	63321470	111411	63321770	110619	063324276	110770
63321180	110890	63321473	112698	63321771	111723	063324277	111362
63321189	111036	63321485	111568	63321772	112782	63324290	111738
63321190	113533	63321488	113471	63321774	114894	063324290	111738
063321191	110912	63321489	111568	63321775	113535	63324293	111623
063321191	111654	63321491	113336	63321776	115615	63324293	111742
63321191	112719	63321492	114669	63321778	114066	063324294	110770
63321197	110912	63321493	110912	63321782	115476	063324294	111355
063321199	110912	63321497	113336	63321791	115476	063324296	110770
63321199	111654	63321497	113943	63321792	111568	63324296	111364
063321199	111654	63321501	113336	63321800	111409	063324296	111364
63321200	111411	63321501	113943	63321801	113942	063324308	111741
63321204	111416	63321502	114669	63321803	113939	063324311	111148
63321205	111802	63321503	114669	63321804	113336	063324318	110770
63321227	111568	63321506	113939	63321804	113943	063324318	111289
63321232	113942	63321507	113336	63321805	113336	63324327	111363
63321233	111411	63321510	111148	63321805	113943	063324348	111176
63321234	113537	63321600	111411	63321806	113943	63324387	111355
63321235	111505	063321600	111411	63321809	111413	063324387	111355
63321237	111568	63321602	113537	63321810	113536	063324400	112722
63321238	111756	63321603	111505	063321810	113536	63324407	112722
63321239	112202	63321604	111505	63321815	113987	063324407	112722
63321240	112025	063321604	111505	63321817	113621	063324409	111368
63321241	111409	63321606	111689	63321819	113536	63325256	111363
63321243	112025	063321606	111689	63321820	111416	063340003	113763
63321244	112121	63321607	111689	63321823	112142	63340004	112021
63321246	111409	063321607	111689	63321826	113943	63341200	111411
63321251	111416	63321609	111689	063321826	113943	63341233	111411
63321252	111689	63321611	111413	63321828	113405	63341238	111756
63321257	112325	63321612	113536	63321829	113246	063341238	111756
63321270	111411	63321614	111413	63321832	114894	63341239	112202
63321275	111416	63321615	111416	63321833	113338	063341239	112202
63321276	111802	063321615	111416	63321836	113536	63341240	112025
63321278	111413	63321616	111416	063321836	113536	63341243	112025
63321279	111795	063321616	111416	063321839	111413	063341243	112025
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63321281	111505	063321620	111802	63321858	113336	63341321	112021
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63321283	111689	063321625	111689	63321862	113987	063341343	112698
63321285	112718	63321629	115476	063321862	113987	63341344	112698
63321287	113536	63321636	112203	63321869	114899	063341344	112698
63321295	111689	63321641	110619	63321870	113537	63341353	112025
63321300	111505	63321658	112384	63321880	115460	63341358	112021
63321310	113942	63321658	114025	63321895	115460	63341636	112203
63321311	111413	63321660	111416	63321896	114025	63341641	110619
63321321	112021	63321661	111416	63321897	114025	63341658	112384
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63321330	113536	63321666	112325	63321940	113996	63341669	112121
63321331	111568	63321669	112121	63324145	111364	63341677	112142
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63321332	111568	63321677	112142	63324157	110770	63341679	111795
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63321342	111756	63321679	111795	063324161	110770	63341695	112325
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63321344	112698	63321695	112325	063324188	110607	63341702	112384
63321346	112718	63321697	111795	063324188	111754	63341711	112654
063321346	112718	63321702	112384	063324198	111366	063341711	112654
63321349	111409	63321702	114025	063324199	111289	63341712	111411
63321355	113939	63321711	112654	063324199	111362	63341723	112782

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
63341724	112121	63377425	114754	063522612	111848	943216876	110530
63341727	112203	063377425	114754	063522614	110389	943216896	110522
63341730	112121	63377426	114806	063522615	113327	943217121	113381
63341733	113405	063377426	114806	063522616	114732	943217147	110814
063341734	113575	63377426	115874	063522617	110811	943217148	110814
063341740	113404	063377426	115874	063522619	113521	943217163	110530
63341746	112142	063377427	114227	063522621	111307	943217163	111284
63341758	113599	063377428	114361	063522622	113329	943217180	115423
063341758	113599	063377429	114158	063522623	110809	943217226	110517
63341770	110619	063377431	114361	063522624	110810	943217407	110536
063341770	110619	063377432	114361	063522625	110808	943217410	111693
63341778	114066	063377433	113902	063522626	114820	943221003	111035
63341797	111795	063377434	114186	063522628	113937	943221020	111686
063341829	110619	063377435	114273	063522629	113860	943221530	111118
63341896	114025	063377436	111468	063522629	110536	943221535	111058
63351774	114894	063377437	111468	063523673	110525	943221670	111061
63358010	111289	063377439	114005	063523680	110523	943222034	111421
63358020	111289	063377440	114231	063523683	110524	943222138	111421
063358061	113722	063377442	115660	063523688	114040	943222837	110365
063358061	115963	63377460	113763	063532601	113331	943223085	112124
063358062	113721	63377461	113763	063532602	113657	943223430	110854
63362003	110899	63377462	113763	063532603	113519	943223433	111400
63362004	110899	63377463	115742	063532604	113343	943223435	114118
63362006	110899	063377463	115742	063532605	110806	943223436	110854
63374070	114009	63377464	113967	063532606	113519	943223438	112309
63377001	114899	63377466	114302	063532607	113656	943226294	110615
63377002	113718	063377480	114023	063532608	112333	943226329	110615
063377002	113718	63377490	114204	063532609	113330	943226348	110615
63377004	114204	63377491	113904	063532610	111787	943226357	110615
63377005	113996	063377491	113904	063532611	111405	943226359	110615
063377005	113996	63377492	113955	063532612	113791	943226366	110615
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63377008	113718	63377493	116064	063532617	112334	943227518	110615
063377008	113718	063377493	116064	063532620	114114	943227520	110615
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063377009	115615	63377495	115308	063532622	113328	943227570	110615
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63377013	113535	63377566	115546	063532625	113343	943241031	111805
63377015	114749	063380001	113883	063532627	113792	943241048	110323
063377015	114749	063380002	113912	063532628	113791	943241058	111679
63377017	114493	063380004	113708	063532629	114114	943241074	110154
63377023	114451	063380005	113709	063532630	114350	943241102	111310
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63377028	115346	063380006	113709	063532633	113349	943241124	110811
63377030	115647	063380007	113913	063532636	113350	943250108	110772
63377031	115620	063380008	113710	63532637	113498	943251002	110997
63377300	113246	063380009	113710	063532637	113498	943251008	110772
063377401	112143	063380010	113710	063533155	112406	943251015	110336
63377402	111795	063388505	112681	063533200	112407	943251015	111131
063377402	111795	63395575	112719	063533251	113913	943251048	110364
63377404	112142	63396554	111082	063533350	110619	943251050	110367
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63377407	114009	063520003	113962	063534690	111987	943251054	110367
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063377409	112143	63521070	111015	063534881	110881	943251065	111066
63377410	111795	063521070	111015	063534890	111289	943251072	111100
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63377412	112142	063521074	113276	063534897	110766	943251107	110585
063377412	112142	063521081	113481	063535150	111828	943251109	110587
63377413	112142	063521084	114460	063535250	114765	943251110	111068
063377413	112142	063521130	111422	063535255	113923	943251113	112295
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063377414	112142	063522190	114313	063535550	113188	943251114	110866
63377416	113849	63522235	110813	063535550	115484	943251121	110793
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63377417	115750	63522310	112498	063536895	112302	943251127	111070
063377417	115750	063522602	111123	94317148	110814	943251136	110584
63377418	114248	063522603	111476	94335657	111082	943251136	110640
063377418	114248	063522604	111684	0633200021	110882	943251139	110847
63377420	114083	063522605	113659	943214376	110601	943251139	111122
063377420	114083	063522606	114885	943216731	110521	943251144	111070
63377422	115579	063522607	111849	943216748	110814	943251144	114460
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63377423	114895	063522609	113329	943216831	110529	943251223	110160
063377423	114895	063522610	110389	943216852	111001	943251223	111054
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063377424	114409						

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
943251225	112167	943251669	111010	943252273	113465	943322584	111176
943251226	112052	943251670	111061	943252274	113466	943322602	112325
943251275	111619	943251671	111059	943252276	111332	943322604	110891
943251287	110352	943251674	110862	943252281	112249	943324273	111739
943251300	113134	943251686	110865	943252282	111332	943324277	111362
943251302	113389	943251688	111131	943252284	111640	943326917	111620
943251305	112295	943251689	111131	943252290	111637	943340009	113763
943251307	111114	943251691	111131	943252294	110210	943341238	111756
943251307	112541	943251691	111269	943252294	113269	943341239	112202
943251323	111694	943251692	110842	943252295	111755	943341243	112025
943251326	111748	943251694	111347	943252298	112135	943341343	112698
943251327	111749	943251695	111851	943252299	112555	943341353	112025
943251330	112166	943251697	110844	943252858	113846	943341733	113405
943251333	112321	943251700	111112	943253242	111374	943341740	112648
943251334	111848	943251701	111069	943254033	113605	943341770	110619
943251335	111131	943251815	111750	943256849	112076	943341772	112782
943251335	111750	943251833	112455	943293541	113254	943341829	112782
943251337	112290	943251856	111619	943293542	112295	943346003	112754
943251340	112307	943251905	111455	943293544	112218	943352256	111755
943251402	111115	943252012	110512	943300921	110882	943352256	111793
943251403	110793	943252039	111304	943300921	111180	943354076	112059
943251403	111066	943252039	112249	943303100	110611	943355151	112058
943251405	111063	943252045	110537	943303733	111078	943356054	111289
943251408	110869	943252046	110512	943304120	112097	943356055	110969
943251410	111058	943252046	111218	943304800	110611	943356055	111086
943251413	110336	943252064	110582	943305226	110882	943356055	111289
943251413	110831	943252071	110536	943311420	112271	943356055	111364
943251415	111112	943252122	110775	943320021	110882	943356090	110911
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943251417	112321	943252187	110210	943320037	112768	943356108	110975
943251419	112172	943252188	110531	943320049	111686	943356115	110743
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943251426	111489	943252190	110208	943321000	111036	943356118	111289
943251433	115540	943252191	110533	943321007	111148	943356120	110743
943251434	110865	943252194	110206	943321010	110912	943356125	111075
943251435	112131	943252194	110210	943321011	112719	943356134	110975
943251436	113847	943252197	110214	943321013	110912	943356142	111071
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943251439	111127	943252201	116040	943321021	111686	943356169	110759
943251441	111125	943252203	110209	943321023	111148	943356169	111289
943251443	110368	943252204	110536	943321029	111654	943356170	111086
943251445	110530	943252205	110523	943321042	111418	943356183	111076
943251445	110869	943252205	113464	943321042	111686	943356185	111072
943251446	110862	943252206	110525	943321042	115873	943356188	110112
943251452	110368	943252207	110527	943321044	110882	943356188	111528
943251458	111030	943252208	110520	943321048	112097	943356188	111658
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943251459	111750	943252210	110206	943321062	111620	943356188	112784
943251460	111030	943252210	110208	943321071	110912	943356188	113477
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943251466	111130	943252212	110512	943321080	110912	943356202	111841
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943251487	113451	943252217	110536	943321083	111082	943356207	111149
943251488	111130	943252220	110535	943321083	111082	943356209	111149
943251489	111251	943252221	110213	943321084	111620	943356211	111169
943251501	111120	943252223	110368	943321086	111620	943356211	111800
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943251568	111000	943252228	110582	943321096	111620	943356212	111164
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943251613	111055	943252231	110212	943321112	112719	943356220	110889
943251613	111127	943252232	110519	943321114	111082	943356223	111662
943251619	110865	943252233	111047	943321141	113471	943356224	110906
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943251646	111058	943252241	110539	943321346	112718	943356233	113611
943251650	110862	943252243	112119	943321453	111568	943356234	110116
943251651	110838	943252244	110525	943321604	111505	943356236	113611
943251655	111060	943252245	110524	943321606	111689	943356245	111289
943251658	110336	943252248	113484	943321607	111689	943356245	113574
943251658	111131	943252249	113468	943321609	111689	943356246	112803
943251663	111059	943252252	112670	943321615	111416	943356247	112159
943251663	111748	943252254	110981	943321617	111802	943356249	110881
943251664	112440	943252256	111755	943321661	111416	943356257	111287

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
943356258	111842	943356603	112729	943356797	112149	944280159	111421
943356259	110113	943356604	111094	943356799	111427	944280164	112235
943356264	112288	943356604	112149	943356805	111149	944280166	112818
943356267	112343	943356605	111094	943356808	110923	944280190	113346
943356274	111180	943356606	112149	943356809	110923	944280192	112295
943356279	111072	943356607	112149	943356811	112734	944280195	113282
943356305	110882	943356608	110923	943356812	110919	944280206	113757
943356315	110178	943356608	112750	943356816	112149	944280213	114093
943356316	112768	943356613	110358	943356818	112729	944280218	113959
943356317	110179	943356615	110923	943356823	111085	944280526	111548
943356317	111184	943356615	111093	943356826	110881	944280557	113346
943356329	112681	943356616	111139	943356848	111148	944280558	112214
943356333	111139	943356617	111093	943356849	112076	944280703	114762
943356334	111148	943356619	111149	943356850	112097	944280709	111849
943356353	110890	943356620	111093	943356851	111148	944280721	112367
943356380	110350	943356621	110923	943356859	112453	944280721	114255
943356391	111498	943356623	110923	943356865	112098	944288162	112439
943356406	111076	943356625	112734	943356889	110360	944390300	111225
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## STARTERS & ALTERNATORS



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## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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063522230160	.....113181	063532628010	.....113791	943241058010	.....111679	943251651010	.....110838
063522230240	.....112441	063532629010	.....114114	943241060010	.....112818	943251655010	.....111060
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063522603010	.....111476	063533250320	.....112274	943251048010	.....110364	943251894010	.....110397

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
943251895010	111475	943253170010	113649	943346172010	111518	943355224010	112458
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943251915010	113481	943253173010	110142	943346206010	111478	943355232010	112189
943251920010	112053	943253175010	111445	943346214010	110679	943355233010	112189
943251923010	114460	943253182010	111459	943346215010	111611	943356090010	110911
943252012010	110512	943253188010	110713	943346223010	112688	943356101010	111319
943252045010	110537	943253189010	111544	943354003010	111405	943356106010	111171
943252046010	111218	943253198010	110810	943354007010	111339	943356107010	111071
943252064010	110582	943253202010	111442	943354010010	111517	943356125010	111075
943252071010	110536	943253204010	111442	943354022010	111890	943356142010	111071
943252129010	110512	943253205010	113024	943354024010	110701	943356183010	111076
94325217010	110210	943253209010	110158	943354039010	111704	943356185010	111072
943252188010	110512	943253214010	111305	943354058010	111601	943356197010	112744
943252189010	110534	943253226010	110394	943354064010	112358	943356201010	110911
943252190010	110208	943253235010	111214	943354074010	113577	943356202010	111841
943252197010	110214	943253242010	111374	943354075010	111718	943356206010	111093
943252198010	110207	943253266010	112436	943354076010	112059	943356220010	110889
943252201010	110524	943253266010	112436	943354099010	111318	943356223010	112098
943252204010	110536	943254002010	111274	943354163010	111318	943356224010	110906
943252205010	110523	943254003010	111548	943354181010	111579	943356226010	111629
943252207010	110527	943254007010	111455	943354182010	111468	943356229010	111629
943252210010	110206	943254018010	111029	943355005010	112680	943356230010	112742
943252212010	110205	943254024010	110396	943355007010	112709	943356234010	110116
943252216010	113467	943254024010	110396	943355009010	111988	943356236010	113611
943252220010	110535	943254027010	110581	943355014010	113447	943356245010	111289
943252221010	110213	943254031010	111070	943355016010	113833	943356246010	112803
943252230010	110532	943254040010	111564	943355019010	113868	943356247010	112159
943252231010	110212	943254043010	112295	943355027010	112045	943356258010	111842
943252232010	110519	943254050010	111851	943355029010	111980	943356259010	110113
943252233010	111047	943254066010	111558	943355035010	111820	943356264010	112288
943252235010	110524	943254076010	110396	943355040010	112413	943356315010	110178
943252236010	112120	943289180010	112251	943355047010	111824	943356329010	112681
943252237010	110531	943293541010	113254	943355048010	113879	943356380010	110890
943252240010	110998	943293542010	112295	943355049010	111990	943356391010	111498
943252244010	110525	943293544010	112218	943355051010	112193	943356406010	112162
943252245010	110524	943305820010	111153	943355052010	111828	943356407010	111170
943252249010	113468	943311220010	111515	943355059010	113340	943356408010	112056
943252254010	110981	943311230010	111186	943355060010	112079	943356446010	111653
943252273010	113465	943311380010	111294	943355060010	114789	943356455010	111289
943252274010	113466	943311390010	111797	943355061010	111989	943356465010	110358
943252281010	112249	943311420010	112271	943355061010	115482	943356468010	111141
943252284010	111640	943321013010	111035	943355062010	112075	943356473010	112098
943252290010	111637	943321083010	111082	943355064010	111934	943356498010	111096
943252294010	110210	943321099010	111686	943355067010	112413	943356505010	112765
943252858010	113846	943321170010	111803	943355075010	110622	943356506010	111354
943253102010	111906	943321604010	111505	943355079010	112530	943356507010	111354
943253103010	111906	943322584010	111176	943355088010	111902	943356508010	111154
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943253106010	113674	943324348010	111723	943355097010	112193	943356513010	111369
943253107010	111904	943341239010	112202	943355108010	111894	943356514010	112529
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943253111010	111680	943341740010	112648	943355110010	113770	943356529010	111479
943253112010	111909	943341770010	110619	943355111010	111898	943356530010	111353
943253112010	115504	943341772010	112782	943355116010	113832	94335653010	112689
943253113010	111641	943341829010	112782	943355118010	111884	943356555010	110877
943253114010	111848	943346005010	110759	943355119010	111468	943356560010	112162
943253115010	111994	943346023010	110703	943355123010	112557	943356561010	111171
943253116010	111823	943346028010	111705	943355126010	111468	943356566010	110619
943253118010	111995	943346032010	110628	943355128010	111883	943356567010	114026
943253119010	112005	943346036010	112557	943355129010	112043	943356568010	112298
943253133010	112553	943346053010	111279	943355135010	112197	943356576010	113485
943253136010	111908	943346054010	110318	943355139010	112002	943356577010	111893
943253138010	111865	943346062010	110806	943355139010	114797	943356582010	111578
943253145010	111817	943346067010	110385	943355141010	113754	943356591010	111515
943253148010	112440	943346072010	112297	943355141010	113754	943356592010	110496
943253149010	114460	943346075010	110682	943355144010	112460	943356607010	112149
943253150010	111769	943346080010	110168	943355149010	111937	943356617010	111093
943253151010	112431	943346088010	112531	943355150010	112057	943356619010	111149
943253152010	113761	943346103010	111578	943355151010	112058	943356620010	111093
943253153010	112221	943346121010	110895	943355162010	112416	943356632010	111289
943253154010	112429	943346126010	110631	943355163010	113879	943356635010	111364
943253155010	113605	943346129010	111331	943355164010	112144	943356645010	112768
943253156010	112236	943346130010	110163	943355168010	111294	943356648010	111147
943253157010	112435	943346134010	110659	943355170010	111294	943356649010	111147
943253158010	111911	943346137010	111317	943355172010	111237	943356660010	111800
943253159010	113677	943346147010	111293	943355180010	112531	943356668010	111653
943253160010	112438	943346148010	110891	943355187010	112272	943356671010	110972
		943346158010	111294	943355196010	112199	943356671010	111168
		943346160010	111267	943355204010	113406	943356674010	111288

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
943356678010	111154	944280111500	110368	944280174600	111900	944280523220	110149
943356685010	111146	944280117310	111100	944280175000	112006	944280523220	110808
943356689010	112746	944280117410	110367	944280177810	111420	944280523350	112215
943356690010	112746	944280118310	110866	944280178300	111909	944280524100	111442
943356697010	110360	944280118710	110338	944280179200	111848	944280524180	113024
943356701010	111656	944280118910	110365	944280180100	111123	944280524230	113398
943356708010	111141	944280119110	110352	944280180200	111995	944280525200	111565
943356709010	111141	944280123400	110587	944280180400	112005	944280525350	111971
943356723010	110881	944280124100	110862	944280182100	110839	944280526120	111548
943356732010	110972	944280126050	111748	944280182600	110847	944280527130	111552
943356732010	111168	944280126200	112533	944280182700	112440	944280527140	111552
943356736010	111093	944280130100	111347	944280183100	114460	944280528040	111310
943356739010	110360	944280130500	111060	944280183400	111769	944280528050	110394
943356742010	110913	944280130800	110839	944280183500	112431	944280528100	111310
943356749010	111147	944280131000	110844	944280183600	113761	944280528120	110394
943356766010	112736	944280131200	110587	944280183800	112221	944280551130	112214
943356788010	110913	944280131400	111120	944280184000	113605	944280551840	113601
943356789010	111352	944280131500	111851	944280184500	114321	944280557080	113346
943356799010	111427	944280132000	112295	944280184800	113271	944280558870	112214
943356805010	111149	944280132400	114460	944280185000	112438	944280703000	113327
943356808010	110923	944280132700	111131	944280185410	112217	944280703010	114762
943356812010	110919	944280132800	111131	944280185510	111442	944280703020	110808
943356816010	112149	944280133600	111131	944280185610	111508	944280705030	112322
943356848010	111148	944280134100	112537	944280185710	111931	944280705040	113521
943356849010	112076	944280136000	111489	944280185910	111251	944280705050	113020
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943356899010	110360	944280138610	111063	944280186900	113649	944280721000	112367
943356903010	110348	944280139100	113389	944280187700	113761	944280721000	114255
943356919010	111171	944280139400	111025	944280188500	111347	944280800050	114160
943356922010	110250	944280145700	112455	944280188800	112445	944280800100	111274
943356923010	110248	944280145900	111029	944280189000	113430	944280800180	111690
943356932010	110168	944280146000	111030	944280189100	113303	944280800190	111214
943356935010	110664	944280146600	111065	944280189400	112430	944280800220	112026
943356946010	112287	944280147000	111619	944280189600	112436	944280800430	112124
943356947010	111353	944280147110	110365	944280190300	113346	944280800460	112380
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943356957010	112800	944280148400	111400	944280195000	113282	944280800500	112320
943356961010	112679	944280148900	112172	944280197800	113276	944280800570	111374
943356964010	112299	944280149000	114118	944280199200	113281	944280800600	114123
943356965010	112782	944280150900	112290	944280202300	113773	944280800610	113446
943356966010	111532	944280152000	111030	944280202400	114163	944280800620	112218
943356973010	112772	944280157010	111214	944280202500	113842	944280800640	114123
943356974010	112703	944280159300	111421	944280202600	113841	944280800740	113361
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943357256010	110895	944280161410	111070	944280202900	114034	944280800940	112821
943357258010	111146	944280161900	112167	944280203000	114062	944280800940	115870
943357288010	110895	944280162400	111694	944280203500	113513	944280800960	114051
943357707010	110766	944280162900	111748	944280206010	113757	944280800970	113662
943357715010	110766	944280163000	111749	944280207210	113319	944280801070	112388
943357765010	110766	944280163300	112321	944280207800	113515	944280801080	112475
943357775010	112747	944280163400	112052	944280210300	113761	944280801100	114162
943357800010	113470	944280163800	111347	944280212200	114096	944280801130	113719
943357801010	111987	944280164010	111251	944280212400	113843	944280801130	115869
943358062010	113721	944280164700	112235	944280213600	114093	944280801140	113962
943358080010	113940	944280165300	111130	944280218100	113959	944280801170	113933
943358080010	116048	944280165700	113481	944280521270	111445	944280801180	113794
943377004010	114204	944280166600	112818	944280521580	111549	944280801190	113935
943377011010	114462	944280167000	112166	944280521610	111763	944280801300	113927
943377491010	113904	944280167400	111805	944280521620	111023	944280801330	113965
943377492010	113955	944280167500	112306	944280521650	111728	944280801340	113910
943377492010	114801	944280167800	112309	944280521660	111382	944280801370	112474
944280100300	111055	944280168700	113752	944280521680	111459	944280801450	114889
944280102000	111066	944280168800	111848	944280521700	112368	944280801460	113314
944280102600	111068	944280168900	110847	944280521890	113323	944280801480	113905
944280103100	110585	944280169200	112553	944280522060	110154	944280801640	110713
944280103600	110858	944280169500	112053	944280522120	110396	944280801700	111305
944280104700	111061	944280169800	111900	944280522260	110708	944280801730	113756
944280105300	110363	944280170200	113451	944280522590	111544	944280801790	113254
944280105900	111114	944280170300	111422	944280522650	110713	944280801800	113932
944280106000	111115	944280170410	111585	944280522700	111550	944280801860	113897
944280106500	110160	944280170700	111906	944280522760	111679	944280801890	113930
944280108500	110869	944280171100	111911	944280522770	111455	944280801910	113925
944280108900	110862	944280171250	111684	944280522790	110323	944280801930	113929
944280109300	110839	944280171800	111908	944280522820	111455	944280801960	115522
944280110300	111066	944280173810	112295	944280522860	111874	944280801980	114030
944280110700	111123	944280174200	113674	944280523160	110389	944280802020	113962
944280110800	110812	944280174500	111904	944280523170	110389	944280802060	115950

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
944280802090	113897	944390402210	111318	944390444700	113510	944390605130	113652
944280802110	114161	944390403100	111895	944390444800	113510	944390605140	113518
944280802120	113964	944390403300	111899	944390445400	116017	944390609060	113498
944280802160	113908	944390403400	111478	944390448500	112396	944390609080	114114
944280802160	116062	944390403500	113770	944390449000	113272	944390664130	112202
944280802170	115361	944390403600	111898	944390450310	112468	944390900040	113887
944280802180	114074	944390406000	112045	944390451010	113248	944390900050	112272
944280802220	113329	944390406510	111689	944390453000	113874	944390900060	112271
944280802380	113911	944390406710	111413	944390453300	115621	944390900070	111186
944288136500	113134	944390408500	111980	944390453400	113992	944390901000	112191
944288162100	112439	944390409000	113832	944390453600	113884	944390901040	112151
944390300500	111225	944390409400	111820	944390453700	113913	944390901160	111515
944390306200	110913	944390409600	111468	944390453800	113877	944390901170	111831
944390307500	110913	944390410600	112196	944390454810	112349	944390902800	112165
944390309800	110912	944390410600	115987	944390456710	113317	944390903010	111802
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944390338600	111364	944390412200	111883	944390461600	113878	944390900700	111594
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944390344800	111148	944390413200	111902	944390462200	115976	944390900750	111943
944390345000	110919	944390413810	112681	944390462500	114122	944390900760	112143
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944390360710	113920	944390415900	112197	944390510000	111846	944390900970	113888
944390361910	111176	944390416500	111850	944390510010	111708	944390901010	112199
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944390383800	111479	944390420810	113603	944390512740	110496	944390901690	113245
944390387300	110619	944390420910	112480	944390512830	111483	944390901730	112384
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944390397000	113833	944390428300	112397	944390515660	112355	944390902100	113721
944390397400	111369	944390428400	113272	944390518050	110385	944390902130	113946
944390397500	111890	944390428610	112349	944390518080	110967	944390902140	113836
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944390400310	111319	944390440300	112415	944390518160	111779	944390902390	113503
944390400510	111319	944390443100	113283	944390605020	111314	944390902400	113912
944390400810	112679	944390443200	113882	944390605030	113519	944390902420	114064
944390401700	113442	944390443300	113751	944390605070	113652	944390902480	113404
944390401800	111890	944390443700	113486	944390605100	111309	944390902520	114129
944390402110	112688	944390444600	113252	944390605110	113517	944390902550	115543

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETI MARELLI</b> <i>Continued</i>							
944390902710	112025	MAN2006	112076	MSN2101	113773	MSR699	110525
944390903030	111626	MAN2025	113923	MSN2102	114163	MSR700	110527
944390903040	112021	MAN2025	115879	MSN2104	113842	MSR701	111638
944390903130	114042	MAN2028	113913	MSN2105	113841	MSR705	113464
944390903130	116113	MAN2036	111824	MSN2106	113509	MSR707	110536
944390903170	113881	MAN2037	112079	MSN2107	114062	MSR727	110524
944390903220	115615	MAN2037	114789	MSN2109	111904	MSR729	113468
944390903230	113404	MAN2048	115712	MSN2113	112429	MSR733	111755
944390903240	113955	MAN261	112097	MSN2116	113962	MSR734	113465
944390903240	114801	MAN2801	111426	MSN213	110521	MSR737	111332
944390903260	113904	MAN306	111082	MSN214	110520	MSR739	112249
944390903280	111568	MAN342	111036	MSN215	110521	MSR742	111640
944390903300	113575	MAN344	111035	MSN2156	115635	MSR746	111755
944390903360	113956	MAN349	112719	MSN219	110529	MSR911	112307
944390903480	113954	MAN352	111654	MSN220	110519	MT38M	111217
944390903490	113439	MAN382	111687	MSN224	110522	MT38R	111217
944390903510	113321	MAN7001	114899	MSN227	110813	MT38RA	111217
944390903530	114877	MAN7005	113996	MSN229	110814	MT41A	112173
944390903540	113328	MAN7009	115615	MSN233	110530	MT43HA	110520
944390903550	113253	MAN7015	114749	MSN237	110517	MT56A	111001
944390903560	113871	MAN7017	114493	MSN2626	114820	MT62BA	110529
944390903590	113922	MAN7023	114451	MSN290	110365	MT67A	110521
944390903630	113896	MAN7024	113721	MSN291	110365	MT67AB	110521
944390903720	113946	MAN7025	115852	MSN294	110338	MT67AC	110521
944390903740	114130	MAN7027	114706	MSN294	110338	MT67AD	110521
944390903740	116069	MAN7028	115346	MSN316	111025	MT67AD	110521
944390903760	113697	MAN7031	115620	MSN320	112533	MT67B	110520
944390903770	115365	MAN7402	111795	MSN402	114123	MT67BA	110520
944390903810	113883	MAN7410	111795	MSN520	112289	MT67C	110518
944390903850	113322	MAN7412	112142	MSN521	110518	MT67CA	110518
944390903890	113253	MAN7413	112142	MSN540	110819	MT67CB	110518
944390903900	113407	MAN7416	113849	MSN614	110530	MT67D	110521
944390903910	113919	MAN7417	115750	MSN634	113752	MT67DA	110521
944390903940	112458	MAN7423	114895	MSN642	111911	MT67DB	110521
944390903950	113331	MAN7426	114806	MSN697	110536	MT67AA	110521
944390904040	113253	MAN7426	115874	MSN800	112380	MT68A	110529
944390904070	114115	MAN7463	115742	MSN800	115951	MT68AB	110529
944390904080	113972	MAN7480	114023	MSN8040	113654	MT68AC	110529
944390904100	113945	MAN7491	113904	MSN8041	113655	MT68AD	110529
944390904120	113862	MAN7492	113955	MSN8068	115642	MT68B	110519
944390904130	114041	MAN7492	114801	MSN8074	114886	MT68BA	110519
944390904190	114128	MAN7495	115308	MSN8076	115613	MT68L	110522
944390904210	113324	MAN7496	114249	MSN808	113925	MT68LA	110522
944390904230	113791	MAN7515	115929	MSN8082	115341	MT68LB	110522
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944390904250	114039	MAN7524	115928	MSR2033	113605	MT68MA	110529
944390904290	115766	MAN7526	115930	MSR218	110536	MT68MB	110529
944390904320	114083	MAN7533	114694	MSR240	110536	MT68P	110530
944390904330	114065	MAN7536	114900	MSR327	112124	MT68PA	110530
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944390904580	115382	MAN786	112718	MSR364	110585	MT68RA	111001
944390904590	114102	MAN807	111416	MSR365	110587	MT68T	110536
944390904590	116068	MAN833	112325	MSR377	111070	MT68AA	110529
944390904640	114066	MAN938	112121	MSR378	110584	MT71A	110813
944390904670	113978	MAR1142	112271	MSR379	110847	MT71AB	110813
944390904710	113861	MAR469	112162	MSR381	111070	MT71AC	110813
944399425200	112197	MAR473	110360	MSR393	111066	MT71D	110814
944399425300	113889	MAR480	110358	MSR407	110587	MT71DA	110814
27593A	110819	MAR942	111354	MSR409	111489	MT71DB	110814
30000A	113346	MAR955	112229	MSR425	110368	MT71E	110812
30001A	113346	MAR959	111426	MSR435	110585	MT71GB	112039
30002A	113346	MAR966	110619	MSR458	111131	MT71HB	115423
30003A	113346	MSN157	111608	MSR459	111055	MT71L	114265
63321238A	111756	MSN190	110545	MSR470	111112	MT71LA	114265
63321711B	112654	MSN191	110615	MSR483	111060	MT71R	110812
63321730A	112121	MSN196	110465	MSR484	110867	MT71RB	110812
63321730B	112121	MSN2009	112441	MSR486	110839	MT71T	110812
E100-1.3/12V8	110352	MSN2009	115505	MSR490	112440	MT71TA	110812
E80-1.1/12V	111228	MSN2028	111694	MSR511	111069	MT71Z	110640
E84-0.8/12V1	110338	MSN2039	113182	MSR516	110368	MT71AA	110813
E84-0.8/12V3	110365	MSN2042	113979	MSR5313	111641	MT72A	110517
M125-3/12	110529	MSN206	111752	MSR5442	111374	MT72AB	110517
M125M3-Z9(3/12)	110529	MSN2071	112321	MSR651	110520	MT72AA	110517
MAN1104	111409	MSN2078	113843	MSR665	112541	MT74A	115423
MAN1162	113987	MSN2088	111694	MSR677	112286	MT74BA	112249
MAN1163	113404	MSN2093	113515	MSR680	110512	MT74G	110536
MAN1165	110619	MSN2094	114034	MSR683	110536	MT74L	111693
MAN2005	110619	MSN2098	112005	MSR685	110512		
				MSR697	110536		

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAGNETON (PAL/SKODA)</b>		9124310.....	110523	9142880.....	110530	9516760.....	111168
114901010.....	110542	9124320.....	110517	9142900.....	111855	9516761.....	111168
115901010.....	110622	9124330.....	110518	9142903.....	114388	9516765.....	113542
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443113515241.....	113543	9125010.....	110210	9144742.....	110551	9517181.....	111820
443113515414.....	111076	9125020.....	110213	9144743.....	110530	9517182.....	111477
443113515415.....	111076	9125030.....	110532	9144744.....	110529	9517183.....	111820
443113515765.....	113542	9125100.....	110205	9144745.....	110813	9517185.....	111477
443113516051.....	110542	9125110.....	112119	9144820.....	111001	9517189.....	111899
443113516120.....	110542	9125120.....	110214	9144821.....	110530	9517212.....	112274
443113516121.....	110542	9125130.....	110212	9144965.....	110462	9517213.....	111989
443113516180.....	110542	9125150.....	111231	91455722.....	110545	9517219.....	112043
443113516181.....	110542	9125220.....	110206	915101A.....	114034	9517241.....	112419
443113516184.....	110542	9125240.....	110207	915109D.....	112429	9517403.....	113340
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443113516404.....	111076	9125260.....	110206	915111A.....	111909	9517482.....	111884
443113516414.....	112162	9125270.....	110582	915111D.....	112005	9517483.....	112079
443113516591.....	112387	9125290.....	110601	9162901.....	113727	9999984.....	114034
443113516630.....	110622	9125320.....	110512	9162904.....	114107		
443113516631.....	110622	9125330.....	110206	9172702.....	113356		
443113516632.....	110622	9125340.....	110512	9172780.....	113356	<b>MAHINDRA</b>	
443113516634.....	110622	9125350.....	111218	9174602.....	110523	005558084R91.....	113670
443113516650.....	110621	9125370.....	110534	95124596.....	113716	1233544R91.....	113670
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443113516660.....	110622	9125420.....	110209	9513053.....	111662		
443113516661.....	110622	9125430.....	110932	9513071.....	113632	<b>MAHLE → ISKRA</b>	
443113516662.....	110622	9125460.....	110212	9513160.....	111843		
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443113516750.....	110622	9141350.....	111241	9515010.....	112098	51.26101-7144.....	110895
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443113516842.....	111009	9141391.....	111059	9515090.....	111216	51.26101-7172.....	112747
443113516846.....	111009	9141393.....	111060	9515102.....	113632	51.26101-7185.....	110895
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443115141311.....	111214	9141400.....	110587	9515180.....	111843	51.26101-7214.....	113920
443115141313.....	111909	9141404.....	111070	9515230.....	112736	51.26101-7221.....	112196
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443115142701.....	111332	9142702.....	113269	9515414.....	112162	51.26101-7253.....	113998
443115142702.....	113269	9142707.....	113269	9515415.....	112162	51.26101-7254.....	114008
443115142709.....	113269	9142709.....	110615	9515491.....	111086	51.26101-7259.....	113998
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443115144420.....	110545	9142728.....	110615	9516050.....	110542	51.26101-7283.....	114528
443115144540.....	110551	9142740.....	111041	9516051.....	110542	51.26101-7287.....	114528
443115144620.....	110545	9142741.....	110545	9516060.....	110542	51.26101-7287.....	114528
443115144640.....	110551	9142744.....	110519	9516061.....	110542	51.26101-7559.....	113998
443115144702.....	113269	9142745.....	112442	9516241.....	113543	51.26101-9133.....	110761
443115144722.....	114254	9142746.....	110525	9516241.....	113543	51.26101-9144.....	110895
443115144723.....	110522	9142749.....	111752	9516590.....	112387	51.26101-9185.....	110895
443115144726.....	110525	9142764.....	110818	9516591.....	112387	51.26101-9197.....	110761
443115144729.....	110545	9142765.....	110462	9516650.....	110621	51.26101-9201.....	110895
443115144742.....	110551	9142766.....	112074	9516653.....	110621	51.26101-9270.....	113998
443115144743.....	110530	9142780.....	112488	9516660.....	110622	51.26201-7001.....	110512
443115174602.....	110523	9142801.....	111332	9516661.....	110622	51.26201-7008.....	111217
443115174622.....	110520	9142802.....	110536	9516673.....	112035	51.26201-7011.....	110530
443115901010.....	110622	9142802.....	116086	9516693.....	112098	51.26201-7012.....	110537
444115144702.....	113269	9142803.....	110536	9516709.....	111289	51.26201-7028.....	110524
446115144702.....	113269	9142804.....	110442	9516714.....	111035	51.26201-7029.....	110205
8515220.....	110881	9142805.....	111752	9516716.....	111168	51.26201-7034.....	110208
9122110.....	112822	9142840.....	111693	9516720.....	111086	51.26201-7042.....	110533
9122110.....	115880	9142860.....	110461	9516721.....	111086	51.26201-7057.....	110210
		9142879.....	110464	9516740.....	111289	51.26201-7061.....	110210
				9516742.....	111289	51.26201-7067.....	110524

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAN Continued</b>							
51.26201-7074	110512	81.26101-6086	111842	3701913M92	111368	4893-18-400E	110182
51.26201-7085	113468	81.26101-9084	111842	3714944M1	112722	4894-18-300	110133
51.26201-7087	110210	81.26201-9013	113466	3763362M94	111346	4894-18-300C	110133
51.26201-7092	110206	81.26201-9029	110205	3777677M1	113967	4894-18-300D	110133
51.26201-7095	111640	83.26101-6501	112343	3777677R1	113967	8028-18-300	110133
51.26201-7100	110208	88.26201-6200	110531	3780634M1	113961	8173-18-300	110134
51.26201-7101	110524	88.26201-9200	110531	3784889M2	114387	8173-18-300B	110134
51.26201-7108	110206	A5.00055-9254	113466	3784890M1	114387	8173-18-300C	110134
51.26201-7110	110210	A5.00055-9361	113465	3819332M91	112722	8318-18-300	110133
51.26201-7112	110512			3819359M91	111355	8341-18-300	110134
51.26201-7114	110206	<b>MANDOE MALROE → VALEO</b>		3821818M91	114388	8505-18-400	110808
51.26201-7118	113468			3821976M92	114049	8599-18-400	110578
51.26201-7119	111640	<b>MARELLI → MAGNETI MARELLI</b>		3823621M91	114387	8599-18-400A	110578
51.26201-7123	110210			3823621M95	114387	AJ03-18-300A	112961
51.26201-7125	110206	<b>MASSEY FERGUSON</b>		3823653M1	116111	AJ03-18-300B	112961
51.26201-7127	110206	1042653M92	110510	3930503R1	111948	AJ03-18-400	111374
51.26201-7129	110206	1048570M92	110510	3930504R1	111355	AJ34-18-400	111374
51.26201-7137	110206	1446802M91	111737	3933142M91	114360	AM15-18-400	110811
51.26201-7143	113468	1447312M91	111289	4281877F91	114671	AM15-18-400A	110811
51.26201-7146	113353	1447732R1	111737	4281879F91	114671	AM15-18-400B	110811
51.26201-7151	115345	1475923M91	112238	4287013M1	115777	AM21-18-300	110318
51.26201-7152	113468	1618050M14	112136	4287014F1	114808	B101-18-400	110807
51.26201-7153	111640	1618050M4	112136	4287014M2	114808	B101-18-400A	110807
51.26201-7157	112446	1618050R4	112136	4287014M3	114808	B101-18-400B	110807
51.26201-7158	113759	1618473M91	110970	4287014M4	114808	B301-18-400	110807
51.26201-7159	110206	1618474M91	110970	4287015F1	114785	B301-18-400B	110807
51.26201-7162	113468	1618477M91	110970	4287015M1	114785	B301-18-400C	110807
51.26201-7181	110206	1618478M91	110970	4287015M2	114785	B301-18-400E	110807
51.26201-7183	112446	1691795R92	110970	586-059-M92	112989	B301-18-400EX	110807
51.26201-7189	112446	1691805R1	110819	6100316M91	111368	B303-18-400	114885
51.26201-7193	114001	1695614M91	110770	6106495M91	115848	B303-18-400A	114885
51.26201-7199	115556	1699872M1	110107	6902959M91	111368	B315-18-400	110808
51.26201-7199	115886	1699872R1	110107	835331592	110545	B315-18-400A	110808
51.26201-7211	115556	1808449R2	110819	9643382M1	110819	B315-18-400B	110808
51.26201-7211	115886	1868283M5	110819	<b>MAZDA</b>			
51.26201-7212	113759	1874681M91	110970	0105-18-300	110133	B505-18-400	110808
51.26201-7213	112446	1875955M1	110970	0259-18-300	110133	B505-18-4009R	110808
51.26201-7220	114031	1875955M91	110970	0324-18-300	110133	B593-18-400	110808
51.26201-7220	115892	1875958M92	110970	0326-18-300	110133	B5D8-18-300A	111384
51.26201-7222	114001	1895271M91	110970	0326-18-300	110133	B61P-18-300	111342
51.26201-7223	114376	1897264M91	110970	0327-10-300	110133	B61P-18-300E	111342
51.26201-7228	114031	2871A102T	111289	0327-18-300	110133	B61P-18-300F	111342
51.26201-7228	115892	2871A105T	111289	0327-18-300A	110133	B61P-18-400	110808
51.26201-7231	115440	2871A132T	111289	0483-18-300	110133	B61P-18-400A	110808
51.26201-7236	114001	2871A136T	111289	0483-18-300A	110133	B61R-18-400	112215
51.26201-7237	115891	3282883M91	112270	0483-18-300A	110133	B61R-18-400A	112215
51.26201-7239	114031	3405390M1	111948	0571-18-300	110133	B61R-18-400	110808
51.26201-7239	115892	3477851R91	113574	0571-18-300A	110133	B630-18-400	110808
51.26201-9001	110512	3519400M1	110565	0605-18-300	110133	B630-18-400A	110149
51.26201-9008	111217	3519400M92	110565	0605-18-300A	110133	B64J-18-300A	111342
51.26201-9028	110524	3519406M91	111364	0707-18-300	110133	B64J-18-300B	111342
51.26201-9034	110208	3536264M91	113474	0820-18-300	110133	B658-18-400	110808
51.26201-9057	110210	3538541M91	113574	0820-18-300C	110133	B658-18-400R	110808
51.26201-9061	110210	3539389M91	110439	1480-18-300	110134	B66S-18-300	111237
51.26201-9067	110524	3539390M91	110545	1480-18-300A	110134	B66S-18-300C	111237
51.26201-9074	110512	3542185M92	110565	1480-18-300B	110134	B66S-18-300D	111237
51.26201-9117	110206	3542185M93	114107	1A51-18-400	110394	B66S-18-300G	111237
51.26201-9127	110206	3552682M91	111289	1E03-18-300	113447	B66S-18-300R	111237
51.26201-9140	111640	3552682M92	111289	1E03-18-300A	113447	B675-18-300	112297
51.26201-9143	113468	3581576M1	110615	1E03-18-300B	113447	B675-18-300A	112297
51.26201-9157	112446	3597371M2	110819	1E03-18-400	113701	B675-18-300B	112297
51.26201-9181	110206	3597371R2	110819	1E03-18-400A	113701	B675-18-300D	112297
51.26201-9183	112446	3599503M91	111289	1F20-18-300	111199	B676-18-400	110808
51.26201-9199	115556	3637261R91	110178	2329-18-300	110133	B676-18-400A	110808
51.26201-9199	115886	3637264R91	110970	2329-18-300A	110133	B676-18-400AT	110808
51.26201-9212	113759	3637269R91	112136	2677-18-300	110133	B676-18-400B	110808
51.26201-9213	112446	3638512R91	111289	3919-18-300	110133	B6BF-18-300	111807
51.26201-9220	114031	36388131R1	111289	3936-18-300	110133	B6BF-18-300D	111807
51.26201-9220	115892	3648190M92	115536	4780-18-400	111005	B6BF-18-300ES	111807
51.26201-9236	114001	3654073M91	114840	4780-18-400A	111005	B6BF-18-300R	111807
51.26201-9237	115891	3667037M91	114107	4828-18-300	112270	B6DK-18-400	110149
51.26201-9239	114031	368543M91	114860	4840-18-400	111273	B6EW-18-300	111807
51.26201-9239	115886	3698015R91	110770	4840-18-400A	111273	B6S8-18-400	110808
65.26101-7153	115690	3698016M91	110770	4840-18-400B	111273	B6S8-18-400A	110808
81.26101-6012	110766	3698017M91	110770	4892-18-300	110133	BP4W-18-300	111384
81.26101-6025	110766	3701909M91	112722	4893-18-400	110182	BP4W-18-300C	111384
81.26101-6079	111842	3701910M91	112722	4893-18-400A	110182	BP6D-18-300	112067
81.26101-6081	111842	3701911M91	112722	4893-18-400B	110182	BP6D-18-300A	112067
81.26101-6084	111842	3701913M91	112722	4893-18-400C	110182	BPD4-18-400	111970
				4893-18-400D	110182	BPD4-18-400A	111970



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BPD4-18-400B	111970	F2D4-18-400A	110810	GY01-18-300G	114356	RF01-18-300	110699
BPE8-18-300	111807	F505-18-400	110810	GY01-18-300H	114356	RF01-18-400	110389
BPE8-18-300A	111807	F601-18-400	110149	GY01-18-300J	114356	RF01-18-400A	110389
BPE8-18-300R	111807	F601-18-400A	110149	GY01-18-W9XA	114356	RF01-18-400B	110389
BPE9-18-300	111807	F601-18-400B	110149	H612-18-300	112270	RF01-18-400C	110389
BPE9-18-300A	111807	F601-18-400L	110149	HE41-18-300	110134	RF01-18-400E	110389
BPE9-18-300R	111807	F802-18-400	110808	HE45-18-300	110134	RF09-18-300	110699
C201-18-300	114129	F802-18-400A	110808	HE45-18-300A	110134	RF09-18-300E	110699
C401-18-300	114129	F802-18-400AT	110808	HE45-18-300XA	110134	RF11-18-300	110969
C401-18-300A	114129	F802-18-400B	110808	K621-18-400	110578	RF11-18-300A	110969
C401-18-300B	114129	F802-18-400L	110808	K711-18-400C	110389	RF11-18-300B	110969
C601-18-400	111906	F805-18-400	110149	K801-18-300	111315	RF11-18-300C	110969
C601-18-400A	111906	F805-18-400A	110149	K801-18-300A	111315	RF11-18-300E	110969
D272-10-346A	110133	F805-18-400B	110149	K801-18-300B	111315	RF11-18-300F	110969
D401-18-300	112270	F806-18-400	110149	K801-18-300C	111315	RF11-18-300G	110969
D401-18-300A	112270	F850-18-400	110149	K801-18-300D	111315	RF11-18-300H	110969
D47Z-18-300	110133	F850-18-400A	110149	K805-18-400	111311	RF11-18-300K	110969
D501-18-300	112270	F850-18-400B	110149	K805-18-400E	111311	RF1S-18-300	113785
E301-18-300	110136	F850-18-400C	110149	KG21-18-400	110578	RF8G-18-300	110699
E301-18-300A	110136	F850-18-400D	110149	KL11-18-300D	111315	RF30-18-300B	110699
E301-18-300C	110136	F850-18-400E	110149	L327-18-400	113819	RF30-18-300C	110699
E301-18-300D	110136	F851-18-300	112270	L3P9-18-300A	114865	RF30-18-300D	110699
E301-18-400	110149	F8B1-18-300	110664	L3P9-18-300B	114865	RF5C-18-300	114112
E301-18-400A	110149	F8B1-18-300A	110664	L3P9-18-300C	114865	RF5C-18-400	114059
E301-18-400B	110149	F8B1-18-300B	110664	L3P9-18-300D	114865	RF7J-18-300A	114111
E301-18-400L	110149	F8B1-18-300C	110664	L813-18-300	113348	RF8G-18-300	114839
E301-18-400LA	110149	F8B1-18-300D	110664	L813-18-400	113795	RF8G-18-300A	114839
E302-18-300	110136	F8B1-18-300E	110664	L813-18-400A	113795	RFB3-18-300	110706
E303-18-300	110136	F8B1-18-300G	110664	L813-18-400RE	113795	RFB3-18-300A	110706
E303-18-300A	110136	F8B1-18-400	110808	L8Y3-18-300	113348	RFIS-18-300	113785
E303-18-300B	110136	F8B1-18-400A	110808	LB13-18-300	113348	RFJ5-18-300	112332
E303-18-300D	110136	F8B1-18-400AT	110808	LF18-18-300	115368	RFJ5-18-300A	112332
E303-18-300E	110136	F8B1-18-400B	110808	LF1F-18-300	115786	RFJ5-18-300B	112332
E303-18-300L	110136	F8B1-18-400C	110808	LF50-18-300	115786	RFL1-18-400	110389
E331-18-300	110136	F8B7-18-300	110664	LF50-18-300A	115786	RFL1-18-400A	110389
E331-18-300A	110136	FA05-18-400	110149	LFG1-18-400	115599	S210-18-400	110578
E331-18-300AL	110136	FA05-18-400B	110149	LFY8-18-300	115368	S210-18-400A	110578
E356-18-400	110808	FA05-18-400C	110149	N221-18-300	110168	S210-18-400B	110578
E356-18-400A	110808	FE05-18-400	110149	N221-18-300C	110168	S211-18-400	110578
E356-18-400B	110808	FE05-18-400A	110149	N221-18-300XA	110168	S515-18-400	114439
E356-18-400L	110808	FE05-18-400B	110149	N370-18-300	113519	S515-18-400A	114439
E356-48-400B	110808	FE05-18-400C	110149	N370-18-300A	113519	S515-18-400C	114439
E357-18-400	110808	FE05-18-400Z	110149	N370-18-300B	113519	S5A1-18-400A	114439
E357-18-400A	110808	FE1H-18-400	110810	N370-18-300H	113519	S5A1-18-400C	114439
E563-18-300	110136	FE1H-18-400B	110810	N3H1-18-300	115797	S5A1-18-400D	114439
E563-18-300A	110136	FE50-18-400	110149	N3H1-18-300A	115797	S5SN-18-300	111495
E563-18-300AL	110136	FE50-18-400A	110149	N3H1-18-300B	115797	S5SN-18-300A	111495
E563-18-300B	110136	FE50-18-400B	110149	PE24-73-1100	110808	SLR4-18-300	114415
E568-18-300	110136	FE50-18-400C	110149	R201-18-300	110699	TMSK-18-400	114394
E5A1-18-300	110136	FE50-18-400D	110149	R201-18-300A	110699	WL01-18-300	113785
E5A1-18-300A	110136	FE50-18-400E	110808	R201-18-300B	110699	WL01-18-400	113702
F210-18-300	110662	FE5A-18-400	110808	R201-18-300C	110699	WL02-18-400	113702
F210-18-300A	110662	FE5A-18-400A	110808	R201-18-300D	110699	WL02-18-400A	113702
F210-18-300B	110662	FE79-18-400	110149	R201-18-300E	110699	WL11-18-300	113785
F210-18-400	110808	FESE-18-400	110182	R201-18-400	110389	WL11-18-300A	113785
F210-18-400A	110808	FFSC-18-400	110182	R201-18-400A	110389	WL21-18-300	112352
F214-18-400	110810	FFSC-18-400A	110182	R201-18-400B	110389	WL21-18-300A	112352
F214-18-400A	110810	FFSN-18-400	110182	R201-18-400C	110389	WL21-18-300T	112352
F214-18-400AT	110810	FP13-18-400	111730	R201-18-400D	110389	WL61-18-400	113702
F214-18-400B	110810	FP34-18-300	112067	R201-18-400EX	110389	WL61-18-400A	113702
F214-18-400C	110810	FP34-18-300A	112067	R201-18-400R	110389	WL81-18-300	114120
F225-18-300	110664	FP34-18-300B	112067	R201-18-400Z	110389	WL81-18-400	113702
F225-18-400	110810	FP34-18-300C	112067	R202-18-300	110699	WL91-18-300	112352
F225-18-400A	110810	FP34-18-300CL1	112067	R202-18-300E	110699	WL91-18-400	113702
F240-18-400	110808	FP34-18-400A	111730	R213-18-300	110706	WLAA-18-300A	112352
F240-18-400A	110808	FPG6-18-300	112067	R213-18-300B	110706	Y401-18-300	113912
F240-18-400B	110808	FS05-18-300	111317	R213-18-300C	110706	Y401-18-400	113905
F240-18-400C	110808	FS05-18-300C	111317	R213-18-300E	110706	Y401-18-400A	113905
F271-18-400	110810	FS05-18-400	110810	R213-18-300R	110706	Y401-18-400B	113905
F271-18-400A	110810	FS05-18-400A	110810	R264-18-300	110699	Y402-18-300	114128
F271-18-400B	110810	FS05-18-400Z	110810	R264-18-300B	110699	Y405-18-300	114866
F285-18-300	110664	FS11-18-400	110810	R282-18-300	110706	Y406-18-300	114724
F285-18-300B	110664	FS11-18-400A	110810	R282-18-300A	110706	Y601-18-300	113922
F285-18-300C	110664	FS11-18-400B	110810	R286-18-300	110706	Y601-18-300A	113922
F285-18-300E	110664	FS64-18-300	111317	R286-18-300A	110706	Y601-18-300B	113922
F290-18-300	110664	GE01-18-300	112270	R286-18-300B	110706	Y601-18-400A	113908
F290-18-300A	110664	GE01-18-300A	112270	R286-18-300C	110706	Y601-18-400A	116062
F290-18-300B	110664	GY01-18-300E	114356	R2D3-18-300A	110699	Y601-18-400B	113908
F2D4-18-400	110810	GY01-18-300F	114356	RBF3-18-300	110706	Y601-18-400B	116062

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MAZDA Continued</b>							
Y601-18-400C	113908	0021512601	110775	0041518601	113979	0061512701	113389
Y601-18-400C	116062	0021513001	110368	0041518701	112286	0061513701	113282
Y662-18-300A	115460	0021513101	110869	0041518801	111771	0061514501	114305
YF09-18-300	112958	0021514301	110838	0041518901	111851	0061514601	114093
YF09-18-300A	112958	0021515301	110206	0041519201	111851	0061514801	114086
YF09-18-400	112340	0021516401	110775	0041519301	114395	0061514801	115896
Z505-18-300	111807	0021516901	110368	0041519401	111771	0061515901	115770
Z505-18-300A	111807	0021517101	110869	0041519701	111851	0061516001	115825
Z505-18-300C	111807	0021518001	110537	0041541802	110358	0061516401	114045
Z505-18-300R	111807	0021518101	110512	0041542002	110358	0061516701	111982
Z599-18-300	111384	0021518401	110537	0041545902	110358	0061516801	114086
Z599-18-300A	111384	0021518501	110512	0041547402	110358	0061516801	115896
Z599-18-300B	111384	0021518701	115590	0051510601	111347	0061516901	113851
Z599-18-300C	111384	0021519301	110862	0051510701	112380	0061516901	115885
Z599-18-300D	111384	0021519401	110525	0051510701	115951	0061517001	113851
Z599-18-300E	111384	0021519701	110838	0051511001	114003	0061517001	115885
Z599-18-300R	111384	0021519801	110838	0051511101	111931	0061517101	114003
Z5A1-18-300	111384	0021543802	112098	0051511301	111851	0061517201	115771
ZJ01-18-300	114358	0021544002	112098	0051512001	114523	0061517401	114093
ZJ01-18-400	115553	0031510001	110862	0051512101	111931	0061517501	114507
ZJ01-18-400A	115553	0031510401	110524	0051512201	111982	0061519001	114045
ZJ38-18-300	115795	0031510501	110525	0051512601	112380	0061541602	112098
ZJ38-18-400	115639	0031510701	110368	0051512601	115951	0061541702	110766
ZZLO-18-400	112030	0031510801	110524	0051512701	110206	0061542102	111629
ZZL1-18-400	111844	0031511101	110368	0051512801	110210	0061542402	111141
ZZLO-18-300	111199	0031511301	116040	0051512901	112440	0061542902	111649
ZZLO-18-400	112030	0031511801	110524	0051513401	111347	0061543002	110358
ZZM2-18-300	111200	0031511901	110869	0051513601	111347	0061543902	112288
ZZMO-18-400	113222	0031512001	110368	0051513801	114051	0061544002	112288
ZZP1-18-400	112600	0031512101	112249	0051513901	113513	0061544802	112747
ZZP1-18-400A	112600	0031512801	111347	0051514001	113513	0061545402	110923
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AA30G-18-400	110808	0031513801	110862	0051514701	111931	0061546502	111149
		0031514101	110206	0051515001	113609	0061546702	110113
		0031514501	110206	0051515301	111347	0061547302	111149
		0031515001	111851	0051516401	113851	0061548702	111093
		0031515401	110368	0051516401	115885	0061548802	110923
		0031515601	110537	0051516501	113282	0061548902	110923
		0031515701	110512	0051516601	111851	0071510401	113851
		0031515901	110537	0051517001	114003	0071510401	115885
		0031516001	110512	0051517301	111347	0071510801	114086
		0031516401	113855	0051519401	111771	0071510801	115896
		0031516601	110531	0051519701	114523	0071513401	111982
		0031517301	110525	0051541102	110906	0071518901	111851
		0031517401	110524	0051543102	110113	0071519201	111851
		0031518601	110524	0051543202	113611	0071540602	111149
		0031518701	110525	0051543302	111141	0071541202	110358
		0031518801	110524	0051543402	110895	0071542102	110113
		0031519801	111065	0051543502	111629	0071542302	111141
		0031540502	112098	0051545102	110113	0071542402	110906
		0031541002	112098	0051545202	111141	0071542402	113920
		0031541702	110766	0051545602	111141	0071542602	113611
		0031544802	110113	0051545802	110358	0071542702	110895
		0041512001	113389	0051546002	111141	0071542802	111629
		0041512201	110525	0051546702	110358	0071543302	110923
		0041513101	114319	0051547402	110358	0071543402	110923
		0041513501	111065	0051547502	110358	0071544002	110906
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		0041514401	111065	0051547702	110358	0071545202	110923
		0041514501	111851	0051547802	110358	0071545302	111093
		0041514601	111347	0051547902	110358	0071545402	111093
		0041515601	111065	0051548102	112288	0071545502	111093
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		0041515901	110524	0051548302	110761	0071545802	111149
		0041516001	110206	0051548402	111629	0071546002	110923
		0041516101	110210	0051548502	110113	0071546102	110923
		0041516201	111982	0061510101	115939	0071546702	112734
		0041516301	112440	0061510301	111931	0071546802	112734
		0041516401	111347	0061510401	114183	0071549202	112159
		0041516501	111851	0061510501	113282	0071549902	112159
		0041516701	112440	0061511001	114178	0081543102	110906
		0041516901	111347	0061511501	113851	0081545102	111354
		0041517001	111851	0061511501	115885	0081545202	111354
		0041517101	112440	0061511601	114003	0081547402	112194
		0041517301	110524	0061512101	111982	0081547602	111149
		0041517901	111065	0061512201	114523	0081547802	111833
		0041518101	111347	0061512203	111982	0081547802	116063
		0041518401	114523	0061512303	114395	0081548202	112194
		0041518501	111931	0061512501	114093	0081548302	112539

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0081548402	112539	0101549802	113486	0131547002	116060	6461540102	116068
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0081548902	110923	0111540402	112529	0131547302	111833	6461541002	114146
0081549202	112194	0111540502	113442	0131547302	116063	6461541102	114102
0081549602	111354	0111540602	113889	0131547802	113351	6461541102	116068
0081549702	111354	0111540702	111902	0131547902	113351	6469060000	115334
0091540102	111369	0111540802	111883	0131547902	115557	6519060000	114850
0091540202	111369	0111540902	112197	0131548002	113835	6519060026	114305
0091540602	113920	0111541002	113489	0131548102	113302	6519061100	114742
0091540702	110895	0111542602	113835	0131548202	114836	6519061200	114742
0091540802	111629	0111542702	113835	01315482020	114836	6519062300	114742
0091540902	111629	0111543202	113489	0131549002	114666	6519062800	114742
0091541202	112194	0111543502	111967	0141540102	114836	6519064300	114742
0091541502	113920	0111545002	111833	0141540702	113953	6601510101	114051
0091541702	112194	0111545002	116063	0141542702	114146	6601540902	114040
0091541902	112539	0111545602	111967	0141545302	113351	6611513501	111065
0091543002	112529	0111546202	113835	0141545402	113351	6611513801	114270
0091543302	111890	0111546402	113302	05080464AD	114663	6681540102	113251
0091543402	113920	0111546802	113300	091546502	113895	6681540202	113251
0091543502	112529	0111547002	112425	1121540202	113302	6681540302	113251
0091543602	112194	0111547202	113300	1321510001	114487	7161090140	112747
0091543702	112194	0111547802	112197	1321540001	114472	A0001477V006	114051
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0091544102	111354	0111548202	111943	1351540202	115441	A0001500650	112428
0091544202	111354	0111548402	112535	1371500950	112428	A0001501650	113771
0091544302	112530	0111548602	113351	1371500950	115673	A0001501750	113772
0091545102	111850	0111548702	113351	1561540102	115532	A0001502050	112428
0091545602	111850	0111548902	113448	1601540101	114025	A0001502250	112428
0091545802	112529	0111549102	113302	1601540201	114025	A0001502450	113771
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0091549302	112530	0121541002	113351	1611543402	112530	A0001512801	110210
0091549702	112561	0121541102	113351	1661510001	113756	A0001513301	110537
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0101540202	111902	0121542002	113889	2661540802	115418	A0009062402	114507
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0101549602	112197	0131547002	114380	6461540102	114102	A0021519301	110862

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MERCEDES BENZ</b> <i>Continued</i>							
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## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A0111548902	113448	A1601540501	112384	50-32411	110241	50-90983A1	112247
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A0121541402	113949	A2661541202	115418	50-55601A2	110241	80-5844T	111710
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A0121542202	113889	A2711540902	113877	50-57867	110649	80-5884T	111710
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A0121544802	114210	A2789060600	116002	50-65436	110648	80-7653T	111710
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A0121545902	113274	A4159063500	115431	50-660152	110648	8171192	110959
A0121546302	114663	A4571510301	113608	50-66015-3	110648	817119-2	110959
A0121546702	113351	A6291500450	115909	50-66015T	110648	81-71192	110959
A0121546802	113351	A629150045080	115909	50-66015T-1	110648	822982	111576
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A0131541302	112425	A6401540402	114130	50-77141	110650	89-6332191	114402
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A0131541702	113889	A6401540502	114130	50-79472	110650	92497A3	110959
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A0131542602	114834	A6421540202	114042	50-794722	110650	99-1861	111862
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A0131543502	115532	A6421540402	116113	50-79823A1	111277	A5-029105	110241
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A0131547302	111833	A6519060000	114850	50-819968A1	112146		
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A0131549002	114666	A6601540902	114040	50-830308-1	112829		
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A1351510101	114108			50-859169T	112829		
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A1601540201	114025			50-888151	112829		
A1601540301	112384			50-893893	110650		
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		<b>MERCUY MARINE</b>					
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		17-649A1	111862				
		48-9955	110636				
		50-12177A2	110216				
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		50-29105	110241				
		50-30829	110241				
		50-32403	110241				
						<b>MITSUBA</b>	
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						3240-110	112010
						63M818-00	112011
						LT80-CS90	111922
						SM10230	111922
						SM11	113671
						SM13213	111921
						SM13232	111923
						SM13237	111917
						SM132-37	111917
						SM13277	113541
						SM13298	113527
						SM13422	111926
						SM13449	114715
						SM13475	111927
						SM224	113538
						SM2241	113540
						SM302-04	111442
						SM302-07	110312
						SM302-10	110312
						SM302-12	110312
						SM302-15	110312
						SM302-16	111442
						SM302-24	111442
						SM302-25	110312
						SM302-40	111442
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						SM402-03	113024
						SM402-03N	113024
						SM402-04	112214
						SM402-04N	112214
						SM402-05	112214
						SM402-05N	112214
						SM402-15	113024

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>mitsubishi Continued</b>							
SM402-15N	113024	A001T02292	111578	A002T05893ZC	110664	A002T48176	112970
SM402-17	110312	A001T02292ZC	111578	A002T06092	110664	A002T48176A	112970
SM402-17N	110312	A001T02674	111841	A002T06384	111240	A002T48176B	112970
SM402-21N	110312	A001T02674D	111841	A002T09291	112531	A002T48691	112531
SM422-02	113398	A001T02871	110264	A002T09392	112531	A002T70571	111344
SM422-07	110312	A001T02991	111279	A002T09493	110659	A002T71583	111344
SM422-14	112214	A001T03191	111279	A002T09884	111240	A002T72383	112210
SM422-16	112214	A001T03191ZC	111279	A002T10083	110806	A002T80391	111807
SM422-27	112214	A001T03195	111279	A002T13894	111264	A002T81192	111530
SM422-28	113409	A001T03195ZC	111279	A002T14472	110307	A002T81192ZC	111530
SM442-01	113392	A001T03476	112270	A002T14591	111293	A002T81291	111530
SM442-02	113398	A001T04495	111279	A002T14592	112325	A002T81292	111530
SM442-10	110312	A001T04892	111578	A002T16472	110318	A002T81292ZC	111530
SM442-16	115993	A001T04892ZC	111578	A002T17783	111339	A002T81391	111530
SM44223	112214	A001T04991	111578	A002T19991	110664	A002T81499	111872
SM442-23	112214	A001T11574	111042	A002T19991A	110664	A002T81791	111376
SM442-29	113392	A001T15674	110133	A002T20191	110664	A002T81791A	111376
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SM710-05	113821	A001T20572	110133	A002T23277	110318	A002T82491B	111726
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		A001T20591	110133	A002T24272	110168	A002T82899ZT	111594
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		A001T21337	110133	A002T24884	110805	A002T83491A	111807
		A001T21372	110133	A002T24971	110168	A002TA0091	111375
		A001T21374	110133	A002T24972	110168	A002TA0291	112298
		A001T21377	110133	A002T25071	110136	A002TA0291B	112298
		A001T21397	110133	A002T25081	110136	A002TA0291C	112298
		A001T22071	110264	A002T25171	110136	A002TA0291D	112298
		A001T22074	111042	A002T25271	110318	A002TA0291F	112298
		A001T22581	110128	A002T26072	110136	A002TA0491	111726
		A001T22971	110264	A002T26172	110136	A002TA1099	113785
		A001T22975	110264	A002T26391	111076	A002TA1099A	113785
		A001T23377	112270	A002T26391G	111076	A002TA1191	111807
		A001T24371	110264	A002T27091	111076	A002TA1991	111318
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		A001T24571	110264	A002T27091C	111076	A002TA1991F	111318
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		A001T25083	112270	A002T27091E	111076	A002TA1994B	113485
		A001T25087	112270	A002T27091F	111076	A002TA1994C	113485
		A001T25097	112270	A002T27091G	111076	A002TA1994D	113485
		A001T30471	110133	A002T27883	111339	A002TA2091	113604
		A001T30474	110133	A002T28792	111293	A002TA2091D	113604
		A001T30477	110133	A002T32171	111035	A002TA2091E	113604
		A001T31374	112270	A002T33191	111317	A002TA2091F	113604
		A001T31377	112270	A002T33191A	111317	A002TA2094	112688
		A001T31685	112270	A002T33191ZC	111317	A002TA2094B	112688
		A001T31699	112270	A002T33991	111237	A002TA2094C	112688
		A001T32471	110264	A002T33991A	111237	A002TA2094D	112688
		A001T33277	112270	A002T34692A	111264	A002TA2292	112325
		A001T33771	110385	A002T34692B	111264	A002TA2392	111293
		A001T40191	110927	A002T35791	111264	A002TA2871	113310
		A001T41291	110927	A002T35791A	111264	A002TA2871A	113310
		A001T70783	110448	A002T36776	114415	A002TA3491	111375
		A001TA1777	114807	A002T37391	113315	A002TA3991	111807
		A001TA2291	113403	A002T37391A	113315	A002TA4091	111726
		A001TA2293	113403	A002T37391AC	113315	A002TA4091A	111726
		A001TA3391A	113405	A002T37391ZC	113315	A002TA4092A	111726
		A001TA3391B	113405	A002T37691	112298	A002TA4092B	111726
		A001TA3391C	113405	A002T37691A	112298	A002TA4991	112328
		A002T01384	111240	A002T38391	111376	A002TA5391	112328
		A002T01483	110806	A002T38391ZC	111376	A002TA5391ZT	112328
		A002T01493	111406	A002T38491	111375	A002TA5392	114357
		A002T01583	110806	A002T38676	111587	A002TA5891	111807
		A002T01683	110806	A002T38891	111375	A002TA6099	112352
		A002T01686	110806	A002T38892	111375	A002TA6099A	112352
		A002T01783	110806	A002T38892A	111375	A002TA6099AT	112352
		A002T02084	111240	A002T39391	111807	A002TA8191	115454
		A002T04677	110662	A002T39391A	111807	A002TA8191ZT	115454
		A002T05772	112297	A002T40092	111375	A002TA8383	114456
		A002T05772X	112297	A002T40092A	111375	A002TB0091	111384
		A002T05892	110664	A002T40671	110318	A002TB0091A	111384
		A002T05892A	110664	A002T40971	110307	A002TB0091B	111384
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		A002T05892ZC	110664	A002T41371	110318	A002TB0191A	112067
		A002T05893	110664	A002T43691	112531	A002TB0191B	112067

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A002TB0491	113439	A003T03391	110802	A003TB1999	113321	A004TA8491	115879
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A002TB0892	112328	A003T03392ZC	110802	A003TB2691	115438	A004TA8492	115871
A002TB1298	113785	A003T03393	110802	A003TB2691B	115438	A004TA8494	115602
A002TB1299	113785	A003T03393ZC	110802	A003TB2691C	115438	A004TA8591	114303
A002TB2191A	113603	A003T03471	110802	A003TB2691D	115438	A004TF0091A	112460
A002TB2291A	112480	A003T03492	110802	A003TB2691E	115438	A004TF0091B	112460
A002TB2391	111384	A003T03493	110802	A003TB2691F	115438	A004TR5091	114508
A002TB2491A	111726	A003T03493ZC	110802	A003TB2691G	115438	A004TR5091ZT	114508
A002TB2891	113634	A003T07483	112129	A003TB2691H	115438	A004TR5188ZT	115800
A002TB2891ZC	113634	A003T08183	111238	A003TB2691J	115438	A004TR5191ZT	111720
A002TB2991	113634	A003T08293	111314	A003TB2691K	115438	A004TR5291	114861
A002TB3091	114214	A003T08491	111315	A003TB4191	112327	A004TR5291AT	114861
A002TB3191	113317	A003T08491A	111315	A003TB4981	114112	A004TR5291ZT	114861
A002TB3191A	113317	A003T08491C	111315	A003TB5099	115550	A004TR5391	114407
A002TB3691	111726	A003T08491ZC	111315	A003TB6581	114111	A004TR5391	115878
A002TB3691KD	111726	A003T08699	111956	A003TB6781	114839	A004TR5391ZT	114407
A002TB3891	113439	A003T09198	111626	A003TB6781A	114839	A004TR5391ZT	115878
A002TB3891KD	113439	A003T09199	111956	A003TG0081	115368	A004TR5392	115577
A002TB4391	113485	A003T09698	111956	A003TG0081A	115368	A004TR5392ZT	115577
A002TB4691	113439	A003T09699	111956	A003TG0091	113348	A004TR5393	114407
A002TB4791	113603	A003T11191	111627	A003TG1191	113782	A004TR5393ZT	114407
A002TB4791A	113603	A003T11278	111587	A003TG1192	113782	A004TR5591	114880
A002TB4791B	113603	A003T11278A	111587	A003TG1391	115786	A004TR5591ZT	114880
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A002TB4891B	112480	A003T12291	111406	A003TG2681	114244	A004TR5592ZT	114880
A002TB4891C	112480	A003T12491	111406	A003TG2681AE	114244	A004TR5691	114382
A002TB4891D	112480	A003T14491	112362	A003TG2681ZE	114244	A004TR5691ZT	114382
A002TB5391	114214	A003T15099	112128	A003TG3181	115760	A004TR5693	114753
A002TB5791ZC	112328	A003T21371	110318	A003TG3391ZT	114229	A004TR5693ZT	114753
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A002TB6192	111384	A003T32272	110307	A003TG5281ZE	114811	A004TR5791ZT	115798
A002TB6291	113634	A003T33272	110307	A003TG5281ZEA	114811	A004TR5794	115799
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A002TN0499ZT	111872	A003TA5591	112703	A004T02891B	112299	A005T05091	110659
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A002TN1199A	112128	A003TA6491	113503	A004T03491	112772	A005T06391	111285
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A002TN1199ZT	112128	A003TA6581	114489	A004T03491B	112772	A005T06491	111285
A002TN1299	112065	A003TA6581A	114489	A004T40386	114425	A005T06491ZC	111285
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## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MITSUBISHI</b> <i>Continued</i>							
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A005T20377	110134	A005TA7091ZE	113954	A1T20178	110133	A2T17172	110168
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A005T20481	110805	A005TA7599	114116	A1T20572	110133	A2T19991	110664
A005T20484	110805	A005TA7599ZC	114116	A1T20573	110133	A2T19991A	110664
A005T20871	110168	A005TA7692	114129	A1T20574	110133	A2T20191	110664
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A005T20972	110168	A005TB0091	114841	A1T20591	110133	A2T21278	110134
A005T21071	110318	A005TB0891ZE	114245	A1T21171	110128	A2T22871	110168
A005T21077	110318	A005TB1291ZE	114245	A1T21337	110133	A2T23271	110318
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A005T21471	110136	A005TB1391	114841	A1T21374	110133	A2T23474	110134
A005T21472	110136	A005TB1391ZD	114841	A1T21377	110133	A2T23477	110134
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A005T21871	110168	A005TG0091AE	115441	A1T22071	110264	A2T24172	110168
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A005T21984B	110805	A005TG0091ZE	115441	A1T22581	110128	A2T24372	110168
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A005T23784	110805	A005TG0192A	115474	A1T22975	110264	A2T24884	110805
A005T30171	110136	A005TG0192B	115474	A1T23377	112270	A2T24971	110168
A005T31372	111289	A005TG0291	114881	A1T24371	110264	A2T24972	110168
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A005T31773	111289	A005TG0991	114472	A1T24571	110264	A2T25081	110136
A005T31774	111289	A005TG1392	114707	A1T25077	112270	A2T25171	110136
A005T70178	111344	A005TG1392A	114707	A1T25083	112270	A2T26072	110136
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A005TA0791ZC	111279	A007T02071	112492	A1T31374	112270	A2T27091C	111076
A005TA0991	113035	A007T02071A	112492	A1T31377	112270	A2T27091D	111076
A005TA0991ZC	113035	A007T02071C	112492	A1T31685	112270	A2T27091E	111076
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A005TA3891ZC	113322	A007T02591	111279	A1T70783	110448	A2T33191A	111317
A005TA4291	114247	A007T03277	111495	A1TA1777	114807	A2T33191ZC	111317
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A005TA4391	113952	A007T03371	112068	A1TA2293	113403	A2T33991A	111237
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A005TA6191	111779	A007TA0171	114079	A1TA3677	114807	A2T36776	114415
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A005TA6291ZE	113405	A1T02291	111578	A2T05892	110664	A2T38892	111375
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A005TA6292ZEB	113250	A1T02991	111279	A2T05893ZC	110664	A2T40092	111375
A005TA6391	113575	A1T03191	111279	A2T06092	110664	A2T40092A	111375
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A005TA6391B	113575	A1T03195	111279	A2T09291	112531	A2T40971	110307
A005TA6391C	113575	A1T03195ZC	111279	A2T09292	110659	A2T40972	110307
A005TA6392	113246	A1T03476	112270	A2T09392	112531	A2T41371	110318
A005TA6392A	113246	A1T04495	111279	A2T09493	110659	A2T41377	110318
A005TA6392B	113246	A1T04892	111578	A2T09884	111240	A2T43691	112531
A005TA6392C	113246	A1T04892ZC	111578	A2T10083	110806	A2T48176	112970
A005TA6591	113952	A1T04991	111578	A2T13894	111264	A2T48176A	112970
A005TA6891	111779	A1T11574	111042	A2T14472	110307	A2T48176B	112970
A005TA6891A	111779	A1T15674	110133	A2T14591	111293	A2T48691	112531
A005TA7091	113954	A1T20173	110133	A2T14592	112325	A2T70571	111344

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A2T71583	111344	A2TB1298	113785	A2TN1299	112065	A3TA5591	112703
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A2T80391	111807	A2TB2191A	113603	A2TN1583	114018	A3TA6491	113503
A2T81192	111530	A2TB2291A	112480	A2TN1683	114367	A3TA6491A	113503
A2T81192ZC	111530	A2TB2391	111384	A2TN1798	112355	A3TA6581	114489
A2T81291	111530	A2TB2491A	111726	A2TN1798A	112355	A3TA6581A	114489
A2T81292	111530	A2TB2891	113634	A2TN1798AT	112355	A3TA6581ADK	114489
A2T81292ZC	111530	A2TB2891ZC	113634	A2TN1798ZT	112355	A3TA6581AKD	114489
A2T81391	111530	A2TB2991	113634	A2TN2476	111587	A3TA6581KD	114489
A2T81499	111872	A2TB3091	114214	A2TN2476A	111587	A3TA7291	115927
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A2T82491A	111726	A2TB3891	113439	A3T03099	111747	A3TB0891	113503
A2T82491B	111726	A2TB3891KD	113439	A3T03391	110802	A3TB0891A	113503
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A2TA1994C	113485	A2TB8691	113712	A3T11278	111587	A3TB5099	115550
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A2TA2094D	112688	A2TC1391ZC	115661	A3T32272	110307	A3TG1191	113782
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A2TA4092B	111726	A2TJ0281ZE	115340	A3TA0491	114432	A3TG2681ZE	114244
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A2TA5392	114357	A2TJ0391	114865	A3TA0591E	112299	A3TG3391	114229
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A2TA6099	112352	A2TJ0391B	114865	A3TA0791	111806	A3TG3491	113782
A2TA6099A	112352	A2TJ0391C	114865	A3TA0791A	111806	A3TG4679	115926
A2TA6099AT	112352	A2TJ0481	115925	A3TA0991A	114461	A3TG4791	115786
A2TA8191	115454	A2TJ0481ZC	115925	A3TA1191	112362	A3TG5281	114811
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A2TB0091A	111384	A2TNO299	112065	A3TA2391	114432	A3TG5281ZED	114811
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A2TB0191	112067	A2TNO499	111872	A3TA3098	111626	A3TJ0781AE	114803
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A2TB0191B	112067	A2TNO499ZT	111872	A3TA4298A	113321	A3TN0399	112128
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A2TB0491	113439	A2TN1199A	112128	A3TA4399	112359	A3TN0699	112205
A2TB0491A	113439	A2TN1199AT	112128	A3TA5491	112327	A3TN0699A	112205
A2TB0892	112328	A2TN1199ZT	112128	A3TA5492	112327	A3TN0899	112205

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MITSUBISHI</b> <i>Continued</i>							
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A3TN1791	111797	A4TR5794ZT	115799	A5T70283	111344	A5TG0192B	115474
A3TN2481	114187	A4TR5891	114846	A5TA0091	113035	A5TG0291	114881
A3TN2481A	114187	A4TR5891ZT	114846	A5TA0791AC	111279	A5TG0491	115477
A3TN2481AT	114187	A4TR5893	114078	A5TA0791ZC	111279	A5TG0491ZT	115477
A3TN2581	114207	A4TR5893ZT	114078	A5TA0991	113035	A5TG0991	114472
A3TN5188	113497	A4TU0088	114424	A5TA0991ZC	113035	A5TG1392	114707
A3TN5288	113506	A4TU3586	115995	A5TA1091	112349	A5TG1392A	114707
A3TN5883	114457	A4TU5485	113886	A5TA1091ZC	112349	A5TG1392B	114707
A3TR0091	113971	A4TU5486	113886	A5TA3891	113322	A5TG1691ZE	115441
A3TR0091ZT	113971	A4TU6285	115315	A5TA3891A	113322	A7T00191	111279
A3TR0093	113971	A4TU9286	114425	A5TA3891AC	113322	A7T00591	111279
A3TR0093ZT	113971	A4TU9586	113886	A5TA3891C	113322	A7T00598	111279
A3TR0094	113971	A4TU9685	115315	A5TA3891ZC	113322	A7T01991	111279
A3TR0094ZT	113971	A5T00192	110632	A5TA4291	114247	A7T02071	112492
A3TR5092	114843	A5T00272	110168	A5TA4291AC	114247	A7T02071A	112492
A3TR5092ZT	114843	A5T01577	111342	A5TA4291BC	114247	A7T02071C	112492
A3TR5093	114845	A5T01977	111342	A5TA4291ZC	114247	A7T02077	112492
A3TX0481	114826	A5T03092	110631	A5TA4391	113952	A7T02077A	112492
A4T01493	111406	A5T03192	110631	A5TA4591	113035	A7T02077C	112492
A4T01591	111427	A5T03677	111342	A5TA4591ZC	113035	A7T02491	111279
A4T02891	112299	A5T03677A	111342	A5TA4791	112349	A7T02491A	111279
A4T02891A	112299	A5T03777	111342	A5TA5491	113035	A7T02491B	111279
A4T02891B	112299	A5T04072	111285	A5TA5591	112349	A7T02591	111279
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A4T03491	112772	A5T04292	111285	A5TA6191ZC	111779	A7T03277A	111495
A4T03491A	112772	A5T04292ZC	111285	A5TA6191ZE	111779	A7T03371	112068
A4T03491B	112772	A5T04392	110631	A5TA6291	113405	A7T03371A	112068
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A4TA0091C	112772	A5T04492A	110631	A5TA6291C	113405	A7T03771B	113562
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A4TA0091F	112772	A5T06291	111285	A5TA6291F	113405	A7TA0171B	114079
A4TA0591	113923	A5T06391	111285	A5TA6291G	113405	A7TA1491	112559
A4TA0591	115879	A5T06391ZC	111285	A5TA6291H	113405	A7TA1777	114759
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A4TA0592	115871	A5T06491ZC	111285	A5TA6291ZEC	113405	A7TA3377	112069
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A4TA8291	115871	A5T06891A	111704	A5TA6292F	113250	AC2025T5	110133
A4TA8292	112427	A5T06891B	111704	A5TA6292G	113250	AG2025A	110128
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A4TR5188	115800	A5T20374	110168	A5TA6991A	113954	AG2036T	110133
A4TR5188ZT	115800	A5T20377	110134	A5TA7091	113954	AH2025M4	111042
A4TR5191	115800	A5T20387	110134	A5TA7091ZC	113954	AH2035H	110133
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A4TR5291ZT	114861	A5T20872	110168	A5TA7599ZC	114116	AH2035H7	110133
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A4TR5391ZT	115878	A5T21171	110318	A5TB0891	114245	AH2035T	110133
A4TR5392	115577	A5T21471	110136	A5TB0891ZE	114245	AH2035T1	110133
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A4TR5592ZT	114880	A5T23784	110805	A5TB2292	114247	AH2035Z5	110133
A4TR5691	114382	A5T30171	110136	A5TB2292AE	114247	AH2040C	110759
A4TR5691AM	114382	A5T31372	111289	A5TB2292ZE	114247	AH2040C4	110968
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A4TR5693	114753	A5T31773	111289	A5TG0091AE	115441	AH2040H1	110133
A4TR5693ZT	114753	A5T31774	111289	A5TG0091BE	115441	AH2040H4	110133
A4TR5791	115798	A5T70178	111344	A5TG0091ZE	115441	AH2140B14	110178
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## STARTERS & ALTERNATORS

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AQ2060B3	110307	M000T80281ZC	113139	M001T71388	111241	M001T85981	112474
AQ2140C	110759	M000T80285	111312	M001T71811	110807	M001T86181	112300
AQ2140C4	110759	M000T80285A	111312	M001T71881	110810	M001T86481	111451
AQ2245G	110318	M000T80381	111730	M001T71881A	110810	M001T86782ZC	113642
AQ2245G1	110318	M000T80581	111971	M001T72085	111459	M001T86883ZC	113642
AQ2250C2	110168	M000T81181	113638	M001T72086	111459	M001T86884ZC	113642
AQ2250D32	110168	M000T81281	111971	M001T72086A	111459	M001T90281	111070
AQ2250G	110318	M000T81283	111971	M001T72087	111459	M001T93071	114217
AQ2250G1	110318	M000T81284	111971	M001T72087A	111459	M001T93171ZC	114217
AQ2250G7	110318	M000T81681	111552	M001T72481	110394	M001T93371	114217
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M000T20175	111451	M000T83981	111552	M001T72483	110394	M001T93571	114217
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M000T20672	115359	M000T84381	110182	M001T72581	111241	M002T10171	110142
M000T20871	114460	M000T84585	113644	M001T72582	111241	M002T13081	111994
M000T20871ZE	114460	M000T84781	111310	M001T72583	111241	M002T13281	115442
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M000T21671	115538	M000T86081	114460	M001T73381	111305	M002T20182	110277
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M000T22472	113254	M000T86581	115349	M001T73382	111305	M002T23181	110279
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M000T31671	115774	M000T87881	113897	M001T74087	111451	M002T30381	111310
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M000T32177	115361	M000T91082	111349	M001T74287ZC	111349	M002T33781	111310
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M000T60081	112368	M001T68781ZC	114329	M001T80681	114074	M002T49181	111475
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M000T60082	112368	M001T70481ZC	110811	M001T84181ZC	114328	M002T49281	110279
M000T60781	114329	M001T70482	110811	M001T84381	111349	M002T49282	110279
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M000T80281	113139	M001T71281ZC	110810	M001T85682	112474	M002T50381	110933
M000T80281A	113139	M001T71381	111241	M001T85781	113930	M002T50391	110933

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MITSUBISHI</b> <i>Continued</i>							
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M002T53681	112185	M002T84571	113445	M003T24482H	110808	M003T37782	110279
M002T54083	111300	M002T84771	112053	M003T24482HC	110808	M003T37783	111312
M002T54085	111300	M002T85271	114061	M003T24482J	110808	M003T38682	110256
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M002T54271	114334	M002T86271	115830	M003T24483	110149	M003T38881A	110808
M002T54272	114334	M002T87071	111912	M003T24486	110149	M003T38881B	110808
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M002T54372	110578	M002T87072	111912	M003T24486H	110808	M003T38882	110808
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				M003T33871	111310	M003T95071	112342



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M003T95081	112342	M009T60372	113673	M0T20871	114460	M0T80281AC	113139
M003T95082	112342	M009T60372	115882	M0T20871ZE	114460	M0T80281B	113139
M004T14772	110315	M009T60471	113672	M0T20872	114460	M0T80281ZC	113139
M004T50073	113129	M009T60471	115881	M0T20872ZE	114460	M0T80285	111312
M004T50177	113129	M009T60473	113672	M0T20873	114460	M0T80285A	111312
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M004T55076	112342	M009T60671	113676	M0T21571	115448	M0T80581	111971
M004T55077	112342	M009T60671	115883	M0T21671	115538	M0T81181	113638
M004T95071	114343	M009T60672	113676	M0T22471	113933	M0T81281	111971
M004T95072	114343	M009T60672	115883	M0T22472	113254	M0T81283	111971
M004T95076	114343	M009T61171	113830	M0T22473	113933	M0T81284	111971
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M004T95481	111000	M009T61471	114193	M0T30475	111552	M0T81681	111552
M005T22171	111273	M009T61471	115877	M0T30771	111971	M0T81981	111849
M005T23172	111275	M009T61473	115593	M0T31671	115774	M0T83981	111552
M005T27671	111913	M009T61473	115887	M0T31675	115774	M0T84281	115991
M006T10673	113129	M009T61474	115593	M0T32171	115361	M0T84381	110182
M007T03774	110999	M009T61474	115887	M0T32172	115361	M0T84381A	110182
M007T03777	110999	M009T61571	113672	M0T32172ZE	115361	M0T84585	113644
M008T50071	112276	M009T61571	115881	M0T32173	115361	M0T84781	111310
M008T50071A	112276	M009T61671	113984	M0T32173ZE	115361	M0T85681	112300
M008T50072	112276	M009T61971	115556	M0T32177	115361	M0T85681ZC	112300
M008T50471	114167	M009T61971	115886	M0T32178ZE	115361	M0T85781	110394
M008T55071	114418	M009T62172	114872	M0T32271	113960	M0T85881	112300
M008T55073	114418	M009T62172	115875	M0T32271ZE	113960	M0T86081	114460
M008T55578	114818	M009T62173	114872	M0T32272	113960	M0T86181	113927
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M008T71571	111272	M009T80071	115893	M0T45275ZT	114108	M0T93581	113254
M008T75071	112370	M009T80072	115517	M0T45371	114057	M0T93582	113254
M008T75071A	112370	M009T80271	115756	M0T45371ZT	114057	M0TD0971	115426
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M008T75073A	112370	M009T80472	115885	M0T45971ZT	115842	M1T30071	113931
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M009T60171	113746	M0T20371ZC	113821	M0T80082	111070	M1T70481	110811

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>mitsubishi</b> <i>Continued</i>							
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M1T76081ZC	113044	M2T37081	110279	M2T58381	110415	M2T88572	114237
M1T76082	113044	M2T40081	110315	M2T58581	113668	M2T88572ZC	114237
M1T76082ZC	113044	M2T41081	110315	M2T58681	110572	M2T88671	114059
M1T76481	112300	M2T41085	111088	M2T58881	113668	M2T88971	113977
M1T77181	111552	M2T41171	111303	M2T58971	112177	M2T88971ZC	113977
M1T77281	111312	M2T41381	111310	M2T58981	111300	M2T90071	111070
M1T77381	110810	M2T41581	111475	M2T60071	110578	M2T92071	110389
M1T77381ZC	110810	M2T41586	111475	M2T60072	110578	M2T92071A	110389
M1T77481	111305	M2T41881	111310	M2T60073	110578	M2T92071	113964
M1T78581	112846	M2T41885	111310	M2T60171	111461	M2T92075	113964
M1T78581ZC	112846	M2T42381	111475	M2T60172	111461	M2T92071	115727
M1T78881	111608	M2T42881	113644	M2T60185	111565	M2T92071ZE	115727
M1T79081	111241	M2T42981	110142	M2T60271	111275	M313327D	111241
M1T79481	112301	M2T43481	113141	M2T61071	111461	M332022D	111971
M1T79482	112301	M2T43681	113141	M2T61072	111461	M356178D	113638
M1T79483	114238	M2T43781	113141	M2T61171	111565	M3T10271	110157
M1T79581	112300	M2T43881	113141	M2T61371	111275	M3T10272	110157
M1T79681	110572	M2T44081	110158	M2T62271	111272	M3T10473	110182
M1T79781	110572	M2T44681	110158	M2T62771	111565	M3T10475	110182
M1T80081	114460	M2T44781	113038	M2T62971	110809	M3T10476	110182
M1T80082	114460	M2T46081	111310	M2T63171	111565	M3T10476D	110182
M1T80381	114460	M2T46081ZE	111310	M2T63371	111703	M3T10672	110144

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
M3T11272	110155	M3T30881	110808	M3T42281	110278	M8T50072	112276
M3T12671	110157	M3T30981	111005	M3T42681	114856	M8T50471	114167
M3T12672	110157	M3T31471	110394	M3T42781	110958	M8T50473	114167
M3T13073	110277	M3T32281	110149	M3T42781ZC	110958	M8T55071	114418
M3T14572	110157	M3T32282	110149	M3T42881	110292	M8T55073	114418
M3T14672	110157	M3T32581	110158	M3T43181	111552	M8T55578	114818
M3T14673	110157	M3T32582	110158	M3T43481	110958	M8T55579	114818
M3T15071	110157	M3T32583	110158	M3T43581	110808	M8T55779	114818
M3T15072	110157	M3T32584	110158	M3T44081	113040	M8T60071	113669
M3T15073	110157	M3T32585	110479	M3T44081ZT	113040	M8T60071A	113669
M3T15074	110157	M3T32588	110158	M3T44091ZT	113040	M8T60371	114169
M3T15075	110157	M3T32589	110315	M3T44181	113040	M8T60372	114169
M3T15077	110157	M3T32591	110158	M3T44182	113040	M8T60373	114169
M3T15271	110277	M3T32592	110158	M3T44281	111310	M8T60374	114169
M3T15772	110157	M3T32593	110158	M3T47281	110158	M8T60871	114445
M3T15791	110292	M3T32681	110292	M3T48181	112215	M8T60872	114445
M3T15872	110157	M3T32985	110585	M3T49381	110808	M8T60873	114445
M3T15971	110292	M3T32986	110585	M3T49481	110808	M8T60971	114474
M3T15972	110292	M3T32988	110585	M3T49581	110808	M8T60972	114474
M3T20681	110144	M3T32989	110585	M3T49585	110149	M8T60973	114474
M3T21281	110256	M3T33081	110807	M3T49781	110808	M8T61671	112822
M3T21281D	111452	M3T33181	110421	M3T49981	110421	M8T61671	115880
M3T21282	110256	M3T33182	111475	M3T49982	110421	M8T62471	114323
M3T21482	110277	M3T33183	111475	M3T52071	113194	M8T62471	115889
M3T21781	110256	M3T33281	114885	M3T54071	111913	M8T62471AM	114323
M3T21881	110256	M3T33282	110808	M3T54072	111913	M8T62471AM	115889
M3T21882	110256	M3T33283	110808	M3T56070	113129	M8T62671	114001
M3T21882D	111452	M3T33481	110421	M3T56071	113129	M8T62771	115891
M3T22581	110158	M3T33581	110149	M3T56072	113129	M8T70071	111300
M3T22582	110158	M3T33582	110149	M3T56073	113129	M8T70371	111272
M3T22681	110292	M3T33582A	110149	M3T56074	113129	M8T70471	110947
M3T23081	110277	M3T33583	110808	M3T56075	113129	M8T70471A	110947
M3T24481	110149	M3T33585	111310	M3T56076	113129	M8T70971	113551
M3T24482	110149	M3T33586	110149	M3T56082	113129	M8T71371	113319
M3T24482A	110149	M3T33586A	110149	M3T56084	113129	M8T71371ZE	113319
M3T24482H	110808	M3T33586D	110808	M3T56172	112323	M8T71471	113323
M3T24482HC	110808	M3T33587	110149	M3T56174	112323	M8T71471ZE	113323
M3T24482J	110808	M3T33588	110149	M3T56181	112323	M8T71571	111272
M3T24482K	110808	M3T33781	111310	M3T56182	112323	M8T71671	115378
M3T24483	110149	M3T33781ZC	111310	M3T56183	112323	M8T75071	112370
M3T24485	110149	M3T33785	111310	M3T61071	110809	M8T75071A	112370
M3T24486	110149	M3T33871	111310	M3T61171	110947	M8T75073	112370
M3T24486A	110149	M3T34781	110394	M3T64172	111275	M8T75073A	112370
M3T24486H	110808	M3T34782	110394	M3T66071	110578	M8T75074	112370
M3T24487	110149	M3T37081	110279	M3T66072	110578	M8T75074ZT	112370
M3T24488	110149	M3T37782	110279	M3T66073	110578	M8T75171	111272
M3T24917	110292	M3T37783	111312	M3T66074	110578	M8T75371	113319
M3T25181	110256	M3T38481	110277	M3T67771	114394	M8T75971	115330
M3T25281	110277	M3T38682	110256	M3T80571	110865	M8T76071	114232
M3T25282	110277	M3T38881	110808	M3T90071	112267	M8T76071ZE	114232
M3T25681	114856	M3T38881A	110808	M3T90072	112267	M8T76072	114232
M3T25781	110158	M3T38881B	110808	M3T95071	112342	M8T76072ZE	114232
M3T25782	110158	M3T38881C	110808	M3T95072	112342	M8T76171	115330
M3T25783	110315	M3T38882	110808	M3T95073	112342	M8T80071	113195
M3T25785	110315	M3T38882A	110808	M3T95081	112342	M8T80071A	113195
M3T25881	110158	M3T38882B	110808	M3T95082	112342	M8T80071B	113195
M3T25882	110158	M3T38882C	110808	M4T14772	110315	M8T80371	114185
M3T25883	110315	M3T38883	110808	M4T50071	113129	M8T80373	114185
M3T25885	110315	M3T38884	110808	M4T50073	113129	M8T80471	114280
M3T25981	110292	M3T38885	110808	M4T50171	113129	M8T80471A	114280
M3T27581	110277	M3T38981	110394	M4T50177	113129	M8T80472	114280
M3T27582	110277	M3T39385	110149	M4T55071	112342	M8T80472A	114280
M3T27681	110278	M3T39481	110808	M4T55072	112342	M8T81571	115802
M3T27685	110278	M3T39981	110394	M4T55076	112342	M9T50471	114838
M3T27686	110278	M3T40081	110315	M4T55077	112342	M9T60171	113746
M3T27686D	110278	M3T40371	110584	M4T74281	110158	M9T60371	113673
M3T27686H	110278	M3T41081	110315	M4T95071	114343	M9T60371	115882
M3T27686N	110278	M3T41083	110315	M4T95072	114343	M9T60372	113673
M3T27688	110278	M3T41088	110315	M4T95076	114343	M9T60471	113672
M3T27781	110279	M3T41181	110256	M4T95082	114343	M9T60471	115881
M3T27781D	110279	M3T41185	111452	M4T95481	111000	M9T60473	113672
M3T27881	111728	M3T41281	110315	M5T22171	111273	M9T60473	115881
M3T29481	110277	M3T41282	110315	M5T23172	111275	M9T60671	113676
M3T29482	110277	M3T41285	110315	M5T27671	111913	M9T60671	115883
M3T29681	110421	M3T41381	110278	M6T10673	113129	M9T60672	113676
M3T30281	110149	M3T41681	110277	M7T03774	110999	M9T60672	115883
M3T30282	110149	M3T41781	110394	M7T03777	110999	M9T61171	113830
M3T30285	110149	M3T41881	111310	M8T50071	112276	M9T61171	115884
M3T30286	110149	M3T41885	111310	M8T50071A	112276	M9T61171ZA	113830

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>MITSUBISHI</b> <i>Continued</i>							
M9T61171ZA.....	115884	MD003551 .....	110157	MD139839 .....	110802	MD313940 .....	112128
M9T61471 .....	114193	MD011500 .....	112771	MD140189 .....	111339	MD313942 .....	112128
M9T61471AM .....	114193	MD011550 .....	110157	MD140190 .....	111476	MD314167 .....	113445
M9T61471AM .....	115877	MD012085 .....	110659	MD140750 .....	110804	MD314235 .....	112065
M9T61473 .....	115593	MD013740 .....	110805	MD147245 .....	111339	MD315547 .....	113445
M9T61473 .....	115887	MD016920 .....	110479	MD149750 .....	110804	MD315548 .....	113445
M9T61474 .....	115593	MD016921 .....	110315	MD150657 .....	111406	MD316001 .....	110158
M9T61474 .....	115887	MD017635 .....	111042	MD153843 .....	110804	MD316418 .....	113310
M9T61571 .....	113672	MD017645 .....	111042	MD156986 .....	110809	MD317119 .....	112362
M9T61571 .....	115881	MD021665 .....	110157	MD156987 .....	111565	MD317401 .....	111375
M9T61671 .....	113984	MD021670 .....	110157	MD156989 .....	111461	MD317860 .....	112328
M9T61971 .....	115556	MD021674 .....	110315	MD160671 .....	111238	MD317862 .....	112328
M9T61971 .....	115886	MD021678 .....	110158	MD161437 .....	110158	MD318086 .....	110572
M9T62172 .....	114872	MD021685 .....	110158	MD162836 .....	110158	MD318458 .....	113832
M9T62172 .....	115875	MD022572 .....	110318	MD162837 .....	110315	MD318460 .....	114432
M9T62173 .....	114872	MD022576 .....	110318	MD162838 .....	110958	MD320354 .....	112205
M9T62173 .....	115875	MD022578 .....	110318	MD162839 .....	110811	MD320618 .....	110572
M9T62671 .....	114733	MD022579 .....	110318	MD162840 .....	111305	MD321445 .....	113040
M9T62671 .....	115894	MD025679 .....	110318	MD162842 .....	111241	MD322925 .....	114357
M9T62871 .....	114873	MD027400 .....	110315	MD162964 .....	112129	MD324754 .....	111406
M9T64171 .....	114872	MD027401 .....	110315	MD162975 .....	110809	MD324755 .....	111406
M9T64171 .....	115875	MD027661 .....	110318	MD164975 .....	110809	MD325700 .....	113832
M9T64171ZT .....	114872	MD034120 .....	110158	MD164976 .....	111476	MD327514 .....	112128
M9T64171ZT .....	115875	MD034121 .....	110158	MD164977 .....	111461	MD327550 .....	113832
M9T64371 .....	114086	MD034212 .....	110157	MD164978 .....	111565	MD327551 .....	113832
M9T64371 .....	115896	MD041700 .....	110318	MD168989 .....	111314	MD328235 .....	113638
M9T64971 .....	115593	MD041701 .....	110318	MD169683 .....	110802	MD329260 .....	112295
M9T64971 .....	115887	MD050190 .....	110805	MD171228 .....	110572	MD330800 .....	113832
M9T64972 .....	115593	MD050205 .....	110809	MD172860 .....	110811	MD331137 .....	113445
M9T64972 .....	115887	MD060793 .....	110805	MD172861 .....	111305	MD332022 .....	111971
M9T64973 .....	114193	MD061150 .....	110318	MD172863 .....	111241	MD332546 .....	112065
M9T64973AM .....	114193	MD061151 .....	110318	MD174482 .....	111305	MD334176 .....	112205
M9T65271 .....	114086	MD061154 .....	110809	MD174483 .....	110811	MD334546 .....	112065
M9T65271 .....	115896	MD064066 .....	110318	MD177596 .....	111565	MD335227 .....	112205
M9T65479 .....	114819	MD064067 .....	110318	MD180238 .....	110158	MD339606 .....	114018
M9T66171 .....	114086	MD064068 .....	110318	MD180239 .....	110958	MD339608 .....	114367
M9T66171 .....	115896	MD066761 .....	110315	MD180241 .....	111305	MD339609 .....	112129
M9T66371 .....	114872	MD067411 .....	110805	MD188242 .....	111627	MD340419 .....	112355
M9T66371 .....	115875	MD068565 .....	110805	MD189014 .....	111314	MD341353 .....	115927
M9T70172 .....	114003	MD069166 .....	110809	MD189054 .....	110292	MD343416 .....	112327
M9T70173 .....	114003	MD069859 .....	110805	MD189658 .....	111375	MD343562 .....	112328
M9T70379 .....	113550	MD070310 .....	110805	MD189659 .....	111375	MD344182 .....	111912
M9T70977 .....	113550	MD070934 .....	110809	MD190819 .....	111376	MD344183 .....	113445
M9T72271 .....	114003	MD072582 .....	110811	MD191402 .....	111375	MD344963 .....	111587
M9T80071 .....	114100	MD072654 .....	111461	MD191433 .....	110809	MD348221 .....	111912
M9T80071 .....	115893	MD081567 .....	110158	MD191435 .....	110809	MD350608 .....	111806
M9T80072 .....	115517	MD081568 .....	110158	MD191437 .....	111565	MD350609 .....	112362
M9T80271 .....	115756	MD084414 .....	110809	MD192134 .....	111587	MD353869 .....	113832
M9T80272 .....	114100	MD086015 .....	110805	MD192136 .....	111587	MD354793 .....	111314
M9T80272 .....	115893	MD086016 .....	110805	MD192228 .....	110958	MD354797 .....	111375
M9T80471 .....	113851	MD095741 .....	110805	MD193323 .....	111375	MD354802 .....	114461
M9T80471 .....	115885	MD095865 .....	111461	MD194470 .....	111627	MD354804 .....	114432
M9T80472 .....	113851	MD096859 .....	110805	MD197470 .....	111406	MD354809 .....	113310
M9T80472 .....	115885	MD099667 .....	110811	MD198164 .....	111376	MD356104 .....	111971
M9T80473 .....	113851	MD100431 .....	110315	MD200695 .....	111626	MD356178 .....	113638
M9T80473 .....	115885	MD102085 .....	112531	MD257744 .....	112418	MD357744 .....	112418
M9T82179 .....	114729	MD103372 .....	111240	MD301348 .....	113040	MD358421 .....	112327
M9T82479 .....	114330	MD103373 .....	110806	MD301348G .....	113040	MD358607 .....	112327
M9T82671 .....	114310	MD103564 .....	110806	MD301350 .....	113038	MD359972 .....	113040
M9T82671 .....	115888	MD106319 .....	110806	MD301351 .....	111971	MD360368 .....	111971
M9T82672 .....	114310	MD106320 .....	110806	MD303481 .....	112362	MD360635 .....	112327
M9T82672 .....	115888	MD106332 .....	111240	MD304129 .....	111872	MD361621 .....	111375
M9T83071 .....	115440	MD107615 .....	110315	MD304139 .....	110805	MD361624 .....	111376
M9T83671 .....	113851	MD111148 .....	112531	MD306648 .....	111872	MD362910 .....	113638
M9T83671 .....	115885	MD111149 .....	112531	MD306649 .....	111594	MD366050 .....	111594
M9T83672 .....	113851	MD112318 .....	111240	MD306834 .....	112128	MD366051 .....	112128
M9T83672 .....	115885	MD112625 .....	111241	MD308088 .....	111508	MD366052 .....	112355
M9T83771 .....	115439	MD114620 .....	110659	MD309333 .....	110659	MD368519 .....	112328
M9T83771 .....	115876	MD115514 .....	110292	MD309471 .....	111241	MD371144 .....	114187
M9T84771 .....	113851	MD121581 .....	111565	MD309843 .....	111587	MD374904 .....	112327
M9T84771 .....	115885	MD122625 .....	111241	MD309844 .....	111587	MD375853 .....	114357
MCA02-0 .....	110142	MD124233 .....	110806	MD309845 .....	111375	MD667539 .....	110958
MCA02-2 .....	110142	MD124234 .....	111240	MD312857 .....	111912	ME007578 .....	111344
MD001155 .....	110157	MD130329 .....	110802	MD312858 .....	111912	ME012995 .....	113195
MD001333 .....	110158	MD133171 .....	110802	MD313076 .....	113832	ME013008 .....	113195
MD001550 .....	110157	MD133513 .....	110802	MD313327 .....	111241	ME014418 .....	113195
MD001552 .....	110157	MD136838 .....	110802	MD313384 .....	114432	ME015237 .....	114424
MD001555 .....	110158	MD136839 .....	110802	MD313395 .....	111806	ME015766 .....	114418
MD003550 .....	110157	MD136933 .....	111241	MD313939 .....	111872	ME017001 .....	113194

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ME017004	113194	MK666919	112441	81392006	111910	2940347	111800
ME017034	110576	MM115513	110292	81392007	112581	2940349	111800
ME017035	110576	MM115514	110292	81456002	110206	2940353	111656
ME017036	110576	MM115517	110292	81460037	110214	2940356	111075
ME017056	110576	MM115518	113668	81460046	110205	2940793	111141
ME017061	110576	MM115519	113668	81466002	110206	432984QO	110107
ME017085	110576	MM317600	112178	81466003	110208	510-104	110178
ME017089	110576	MM40374001	114856	81466005	110207	510-105	110178
ME017509	111344	MM409410	110933	81466008	110210	510-122	110968
ME017550	111344	MM409411	110947	81466009	110208	510-123	110975
ME017560	111344	MM409413	110947	81466023	110206	510-146	110975
ME017561	111344	MM409414	110933	81466036	110535	510-163	110968
ME017562	112210	MM432804	111832	81466044	110932	510-187	110107
ME017614	113497	MM43309901	114856	81466051	110206	510-249	110077
ME017615	113506	MM435081	111832	81466052	110582	510-298	110107
ME037150	113129	MM435752	111832	81466062	110981	510-299	110107
ME037330	113129	MM438844	111832	81467001	110210	510-300	110107
ME037465	113129	MN137866	112205	81467005	110213	510-301	110107
ME037636	113129	MN137867	111594	81467006	110213	510-315	110107
ME057200	112342	MN153444	115359	81467007	110532	510-316	110107
ME057350	112342	MN155953	115441	81467023	111219	510-320	110107
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ME077796	113669	MOT90981	113795	81468001	110537	510-388	110163
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ME108364	114280	MQJ2R	110144			510-397	110116
ME110JA	110149	MQJR	110144	<b>MOTORCRAFT</b>		510-404	110877
ME152487	113746	MR994325	111971	EFG8	110568	510-427	110117
ME193061	115330	MR994922	114108	EGL1304	112143	510-453	110877
ME193880	115330	MW30620657	112474	EGL206	111364	510-456	110107
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ME200698	111956	MWV3R	110142	EGL217R	111289	510-54	110968
ME201650	112370	MWV4R	110142	EGL218	111289	510-56	110970
ME201650A	112370	MXYR	110155	EGL218R	111289	510-59	110969
ME201745	111626	PW501783	110158	EGL220	110891	510-803	110127
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ME202755	111626	<b>MONARK</b>		EGL222R	111364	510-811	112112
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ME202971	111956	081046590	113998	EGL225R	111364	510-813	112112
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MEA03-1	110157	081495002	111982	<b>MOTOROLA</b>		510-825	112112
MEA03-2	110157	081723010	113448	110-313	113549	510-826	112112
MEA03-4	110157	081768131	111886	110-800	113739	510-834	110048
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MEA24-1	110157	337004	110525	2541264	110358	8AL2040FS	110408
MEA95-0	110277	523037	110524	2541423	111419	8AR65N12	110371
MEC01-0	110277	81360038	110527	2541950B	112298	8EA2001F	110408
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MEC01-2	110277	81368001	111640	2541971B	112480	8EA2004F	110408
MEC04-2	110277	81368024	110524	2541982A	112679	8EA2011N	110408
MED02-0	110157	81380038	110527	2542265	112472	8EA2016F	110408
MED02-1	110155	81382305	110536	2542297	112469	8EB2002F	110408
MED02-2	110155	81387004	110536	2542397	112469	8EB2003F	110408
MED03-1	110157	81387034	110525	2940060	113477	8EK2003FC	110487
MED03-2	110157	81388001	110523	2940080	111362	8EK2003FD	110487
MED03-3	110157	81388010	110527	2940275	111071	8EK2004DE	110487
MED03-4	110157	81388020	110518	2940303	111288	8EK2005NC	110488
MED04-2	110277	81388024	110524	2940304	112149	8EK2005ND	110488
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MEY1R	110155	81388309	110524	2940305	112149	8EK2007NC	110488
ME-Y1R	110155	81388310	113468	2940305A	112149	8EK2008FC	110487
MEY3R	110155	81391004	112224	2940311	111094	8EK2011FA	110487
MG120560	110386	81391006	111910	2940311A	111094	8EK2011FB	110487

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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110-268	110937	110-98	110422	8LHA2095R	110173	TA12N325	110422
110-269	110408	8AL2019F	110408	8LHA3025P	110173	TA12N327	110422
110-273	110408	8AL2034K	111096	8LHA3025PA	110173	TA12N400	110422
110-276	110173	8AL2051F	110408	8LHA3025R	110173	TA12NJD325	110422
110-285	113549	8AL2065K	110138	8LHA3071P	110173	TA12NJD400	110422
110-288	110408	8AL2106FA	110408	8LHA3073PS	110173		
110-289	110408	8AR2018F	110408	8LHA3096U	112294	<b>MWM</b>	
110-292	110959	8AR2018L	110371	8LHA3096UC	112294	01180302	112747
110-293	110959	8AR2022F	110408	8LHC2004Z	110937	12270186	112098
110-294	110959	8AR2024F	110408	8LHC2010Z	110937	12270612	111978
110-296	110173	8AR2026F	110408	8LHP2276V	114430	305710100004	110766
110-297	110173	8AR2033F	110408	8MA2010P	110170	305720100001	115590
110-298	110175	8AR2037F	110408	8MA2010PA	110170	605710100109	110641
110-302	110175	8AR2041F	110408	8MA2014P	110170	605710100112	110766
110-303	110177	8AR2050	110408	8MA2014PA	110170	605710100130	111662
110-304	110177	8AR2060F	110408	8MR2023F	110959	605710100136	110641
110-316	110175	8AR2066F	110408	8MR2024F	110959	605710100146	110766
110-324	110408	8AR2066FA	110498	8MR2035T	110445	605720100016	110512
110-329	110408	8AR2068F	110498	8MR2036K	110959	605720100021	114170
110-330	110408	8AR2069F	110408	8MR2039K	110959	605720100048	115376
110-331	110408	8AR2073F	110408	8MR2044K	110959	605720100071	111332
110-333	110408	8AR2073FS	110408	8MR2049K	110959	605720100086	114478
110-335	110408	8AR2160F	110408	8MR2049KA	110959	605720100105	111332
110-336	110408	8AR2169F	110408	8MR2051F	110408	905720100079	113346
110-337	110408	8EA2001FA	110408	8MR2051FA	110408		
110-342	110408	8EA2018NA	110371	8MR2051FAS	110408	<b>NEW HOLLAND</b>	
110-343	110408	8EA2026FA	110408	8MR2069T	111575	185046440	115342
110-354	110959	8EA65N12	110371	8MR2070T	111576	185086530	113696
110-355	110959	8EB2001F	110408	8MR2091KSS	110959	2852405	114196
110-379	110371	8EK2003FA	110487	8MR2129L	110371	2852478	114196
110-380	110408	8EK2003FB	110487	8MR2175F	110487	2855467	115608
110-383	110371	8EK2004DA	110487	8MR2185L	110488	323019050	114021
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110-389	110959	8EK2005NA	110488	8MR2401UA	111761	4897223	114050
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110-400	110488	8EK2006FA	110487	8SA2022R	110937	73327987	115689
110-402	111575	8EK2006FB	110487	8SA3005P	110173	82003307	112718
110-403	111576	8EK2007NA	110488	8SA3006P	110173	82010242	112718
110-406	110371	8EK2007NB	110488	8SA3065P	110173	82010243	113529
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110-440	110173	8EK2008FB	110487	8SC2010Z	110937	82014508	113529
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110-476	110371	8EK2010NB	110488	8SC3009Z	110176	82980757	110813
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110-492	110408	8EM2001FA	110408	8SC3011U	110175	84141452	113621
110-498	110408	8EM2001FAS	110408	8SC3014	110175	84141455	114228
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110-504	110408	8EM2002FA	110408	8SC3015U	110175	87040161	114399
110-505	110408	8EM2003K	110959	8SC3019U	110175	87310882	113621
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110-517	110959	8EM2004K	110959	8SC3068V	114347	87422777	114191
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110-542	110177	8EM2007K	110959	8SC3110VC	114348	87652087	113621
110-543	110177	8EM2007KA	110959	8SC3150VC	114348	87751000	113570
110-555	113739	8EM2012	110371	8SC3157V	110176	87755550	114447
110-556	110408	8EM2012N	110371	8SC3238VC	114349	87774252	112773
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110-567	111761	8EM2012NAS	110371	8TA2003D	110422	99478834	114669
110-568	114348	8EM2012NB	110371	8TA2009E	110422	SBA185046440	115342
110-569	110176	8EM2013N	110371	8TA2009EE	110422		
110-60	110422	8EM2013NA	110371	8TA2010E	110422		
110-600	110488	8EM2014KA	110959	8TA2010ES	110422	<b>NIKKO</b>	
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110-603	111576	8HA2008F	110177	8TA2021E	110422	0-21000-3600	110580
110-629	110408	8HA2008FA	110177	9AL2024L	110371	0-21000-3650	110580
110-66	110422	8HA2009K	110177	9BE2KA2A21	110913	0-21000-3660	110580
110-679	110371	8HA2009KA	110179	9FB2LD2A05	110975	0-21000-3661	110580
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110-686	110959	8HC3022FS	113549	A12NTK451	110408	0-21000-4230	110412
110-699	110487	8HC3025F	113549	A12NTK452	110408	0-21000-4231	110412
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110-775P	114430	8LHA2070VA	113739	RA12N451	110408	0-21000-4471	110580

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	
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0-23000-2230	112253	0-24000-3041	114474	23100-00Q0A	113403	23100-0U060	111280	
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0-23000-2260	113452	0-24000-3122	114324	23100-00QA5	114122	23100-0W004	113374	
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0-23000-2340	112649	0-24000-3150	114267	23100-00QAB	113940	23100-10G03	110707	
0-23000-2341	112649	0-24000-3151	114267	23100-00QAB	116048	23100-10S00	111280	



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
23100-11T10	110701	23100-6J111	113439	23100-D9709	111812	23100-V2800	110307
23100-11T13	110701	23100-6J112	113439	23100-D9710	111812	23100-V2810	110307
23100-11T15	114370	23100-7033R	115356	23100-D9711	112087	23100-VB310	112359
23100-12G01	111266	23100-70N00	111294	23100-D9712	112087	23100-VB311	112359
23100-12G02	111266	23100-70N01	111294	23100-D9713	112087	23100-VC100	113787
23100-1822R	114826	23100-71J00	111361	23100-DB000	113993	23100-VC10A	113787
23100-20W01	110307	23100-71J10	111361	23100-DB00A	113993	23100-VC10B	113787
23100-22J10	111747	23100-77A00	110632	23100-DC000	115317	23100-VC10C	113787
23100-27G00	110168	23100-77A10	110632	23100-EB310	114244	23100-VK010	115550
23100-27G10	110168	23100-77P00	111266	23100-EB315	114803	23100-VS40C	113787
23100-2J010	111726	23100-7C000	113786	23100-EB31B	114803	23100-W1608	110307
23100-2J011	111726	23100-7C001	113786	23100-EM01A	115548	23100-W1615	110307
23100-2J600	112351	23100-7F000	111980	23100-EM01AR	115548	23100-W1805	110458
23100-2J601	112351	23100-7F001	111980	23100-FF110	112069	23100-W5800	110168
23100-2Y000	111381	23100-7F700	112351	23100-FU410	112068	23100-W5801	110168
23100-2Y005	111381	23100-7F701	112351	23100-G9903	112329	23100-W5802	110168
23100-2Y006	111381	23100-7T400	113383	23100-G9904	112207	23100-W5803	110168
23100-2Y900	111381	23100-7T402	113383	23100-H0310	110128	23100-W5805	110168
23100-30R60	111264	23100-7T403	113383	23100-H3700	110168	23100-W5806	110168
23100-31U00	111381	23100-7T40A	113383	23100-H7701	110168	23100-W5807	110168
23100-31U01	111381	23100-8578R	114463	23100-H7702	110168	23100-W5807L	110168
23100-37M00	110307	23100-86A00	111704	23100-H7703	110168	23100-W5807R	110168
23100-3831R	113862	23100-86R00	111704	23100-H7710	110168	23100-W5810	110168
23100-3W400	113420	23100-88G00	111266	23100-H7711	110168	23100-W5811	110168
23100-43G04	110700	23100-8E100	113788	23100-JD200	115340	23100-W5816	110168
23100-43G05	111316	23100-90060	110128	23100-M0400	110128	23100-W5817	110307
23100-43G06	110700	23100-90074	112477	23100-M0401	110128	23100-W7015	110168
23100-43G07	111316	23100-91004	110128	23100-M0402	110128	23100-W7100	110168
23100-43G08	110700	23100-91109	112270	23100-M0403	110128	23100-W7101	110168
23100-43G09	111316	23100-92G01	110700	23100-M0410	110128	23100-W7110	110168
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23100-47R10	111264	23100-9E000	113373	23100-M0413	110128	23100-W7510	110307
23100-47R11	111264	23100-9F510	111726	23100-M0414	110128	23100-Y0102	110458
23100-4A00C	115868	23100-9F511	113439	23100-M5960	110168	23110-BC00A	115548
23100-4B400	111726	23100-9Y500	111381	23100-M6600	110168	23300-00H00	110256
23100-4M510	113317	23100-A4600	110128	23100-M6601	110168	23300-00H10	111452
23100-4M610	111726	23100-A4601	110128	23100-M6610	110168	23300-00H11	111452
23100-4M611	113439	23100-A4602	110128	23100-N9500	110168	23300-00Q0B	112475
23100-4Z400	113317	23100-A4611	110128	23100-N9502	110168	23300-00Q0C	112475
23100-50K10	112068	23100-A4800	110128	23100-N9510	110168	23300-00Q0D	114074
23100-50K15	112069	23100-A5500	110128	23100-N9511	110168	23300-00Q0F	113897
23100-50Y05	110631	23100-A5501	110128	23100-N9512	110168	23300-00Q1H	113897
23100-50Y06	110631	23100-A5502	110128	23100-P3013	110307	23300-00Q1J	115829
23100-50Y08	110631	23100-AD210	114489	23100-Q4501	110168	23300-00Q1M	113920
23100-50Y09	110631	23100-AD284	114489	23100-Q4511	110168	23300-00Q2C	113897
23100-50Y18	110631	23100-AM610	112069	23100-Q4600	110307	23300-00QA0	113897
23100-50Y19	110631	23100-AN000	113697	23100-Q4601	110307	23300-00QAC	112474
23100-51H00	113418	23100-AP000	113697	23100-Q4610	110307	23300-00QAF	112475
23100-51H02	113418	23100-AP00A	113697	23100-Q4611	110307	23300-00QAH	114814
23100-54A01	111692	23100-AU000	113439	23100-Q9000	110968	23300-00QAL	115442
23100-54A02	111692	23100-AU400	113316	23100-R2000	110307	23300-00QAM	111641
23100-54A03	111692	23100-AU40A	113316	23100-R9000	110256	23300-00QAV	112475
23100-54B61	111280	23100-AU40D	113316	23100-R9011	110168	23300-00QAW	113927
23100-54B62	111280	23100-AU420	113316	23100-U0100	110128	23300-00QAY	114095
23100-54G01	110700	23100-AU424	113316	23100-U0101	110128	23300-00QAZ	113927
23100-56C00	111692	23100-AX600	114877	23100-U0102	110128	23300-06J00	116085
23100-56C01	111692	23100-AX610	115531	23100-U0103	110128	23300-06J01	113191
23100-57J01	111294	23100-AX62A	115531	23100-U0104	110128	23300-06J02	113191
23100-57J02	111294	23100-AX62B	114293	23100-U0110	110128	23300-06J03	116085
23100-57J03	111294	23100-B9800	110264	23100-U0111	110128	23300-06J04	113191
23100-57J04	111294	23100-B9801	110264	23100-U0112	110128	23300-07500	110280
23100-5M000	113372	23100-B9802	110264	23100-U0113	110128	23300-09600	110156
23100-5M310	113324	23100-B9805	110264	23100-U0114	110128	23300-09601	110156
23100-5V410	113439	23100-B9810	110264	23100-U9500	110168	23300-0C010	111728
23100-5Y700	111381	23100-BC00A	115548	23100-U9501	110168	23300-0M200	111459
23100-64J00	111264	23100-BC400	115440	23100-U9502	110168	23300-0M210	111312
23100-64J02	111264	23100-BN00A	113440	23100-U9503	110168	23300-0M300	111459
23100-64J03	111264	23100-BN300	113440	23100-U9510	110168	23300-0M301	111459
23100-64J04	111264	23100-BN305	113440	23100-U9511	110168	23300-0M302	111459
23100-64J05	111264	23100-BN700	112457	23100-U9512	110168	23300-0M30A	111459
23100-64J10	111264	23100-BU00A	113317	23100-U9513	110168	23300-0Y000	111445
23100-64J11	111264	23100-BU010	113439	23100-U9601	110307	23300-0Y001	111445
23100-64J12	111264	23100-BU015	113317	23100-U9602	110307	23300-0Y005	111445
23100-64J13	111264	23100-BU500	113439	23100-U9610	110307	23300-0Y006	111445
23100-64J15	111264	23100-C8604	111614	23100-U9612	110307	23300-1007X	115685
23100-64J16	111264	23100-CN100	111381	23100-V0101	110458	23300-10605	110332
23100-69T10	112394	23100-D0800	110307	23100-V0102	110458	23300-10615	110332
23100-69T20	112394	23100-D0810	110307	23100-V0106	110458	23300-1073R	115624
23100-69T60	115837	23100-D9704	112087	23100-V0107	110458	23300-10G02	110719

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>NISSAN</b> <i>Continued</i>							
23300-10T01	110574	23300-37506	110386	23300-73C01	111312	23300-BC400	113897
23300-10T02	111805	23300-37507	110386	23300-73C10	111312	23300-BC40B	113897
23300-1375R	115829	23300-37508	110386	23300-73Y00	111303	23300-BN301	113319
23300-15800	110155	23300-3T700	110574	23300-73Y01	111303	23300-BN302	113319
23300-15805	110155	23300-40500	110277	23300-73Y10	111303	23300-BN700	113927
23300-15810	110155	23300-40501	110277	23300-74Y00	111312	23300-BN701	113927
23300-15815	110155	23300-40510	110277	23300-74Y10	111312	23300-BN70A	113927
23300-15900	112365	23300-40511	110277	23300-78503	110144	23300-C0600	110617
23300-18000	110142	23300-40512	110277	23300-78504	110144	23300-C8601	111558
23300-18005	110142	23300-40513	110277	23300-78505	110144	23300-CK800	115341
23300-18015	110142	23300-40700	110277	23300-7C625	114318	23300-CK80A	115341
23300-18016	110142	23300-40710	110277	23300-7F400	110574	23300-D0100	110278
23300-18V10	110278	23300-41B15	110279	23300-80100	110144	23300-D0110	110278
23300-1F700	115522	23300-41B70	113644	23300-80200	110279	23300-D0111	110278
23300-1F710	114199	23300-41B71	113644	23300-80F00	111549	23300-D0200	110278
23300-1F760	115522	23300-45N50	110574	23300-80G00	110574	23300-D0210	110278
23300-1F770	114199	23300-45N51	110574	23300-80G01	110574	23300-D0211	110278
23300-1F771	114199	23300-47500	110280	23300-80G10	111485	23300-D0212	110278
23300-1F772	114199	23300-47501	110280	23300-80W00	110277	23300-D0213	110278
23300-1F77A	114199	23300-47502	110280	23300-81N00	111459	23300-D0214	110278
23300-1F77B	114199	23300-47510	110280	23300-81N01	111459	23300-D1700	110278
23300-1F77C	114199	23300-47511	110280	23300-81N10	111459	23300-D8700	114236
23300-1HCOB	115426	23300-47601	110156	23300-81N11	111459	23300-D870A	114236
23300-1HCOD	115426	23300-48301	110156	23300-8310	111728	23300-D9700	114318
23300-1HC1A	115426	23300-4A00B	114761	23300-83W00	110719	23300-D9701	114318
23300-1HC1AB1	115426	23300-4E210	111608	23300-84A07	111459	23300-D9702	114318
23300-1HC1B	115426	23300-50Y00	111459	23300-84A11	111312	23300-DB000	114032
23300-1HC1C	115426	23300-50Y01	111459	23300-84A17	111459	23300-DB00A	114032
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23300-1KA1B	115361	23300-50Y10	111459	23300-85E00	111023	23300-E3001	110277
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23300-1M212	113139	23300-50Y14	111303	23300-86G11	111485	23300-E3100	110277
23300-1M215	111312	23300-52F00	111549	23300-86G12	111485	23300-EE3101	110277
23300-1M216	111312	23300-52F01	111549	23300-88G00	111763	23300-EB300	114232
23300-1S710	112368	23300-52F05	111549	23300-88G01	111763	23300-EB30A	114232
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23300-1S770	112368	23300-52H00	111586	23300-8H30A	114763	23300-EE00A	115361
23300-1S771	112368	23300-53J11	111608	23300-8H801	113323	23300-EE00B	115361
23300-1S772	112368	23300-53J12	111608	23300-8H80A	113323	23300-EE01C	115361
23300-1S900	112365	23300-53Y00	111303	23300-8J000	114329	23300-EE01D	115361
23300-1W400	110574	23300-53Y01	111303	23300-8J001	114329	23300-EE01E	115361
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23300-21007	110144	23300-5X00C	115727	23300-97104	114422	23300-G2403	111805
23300-21008	110144	23300-5X20C	115949	23300-99B00	110279	23300-G2404	111805
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23300-21017	110144	23300-63J11	111608	23300-9F661	113267	23300-H0100	110142
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23300-2F200	115407	23300-65N50	110574	23300-9F6RB	113267	23300-H5001	110142
23300-2W200	114032	23300-65Y00	111459	23300-A3200	110155	23300-H5002	110142
23300-2Y900	111382	23300-65Y01	111459	23300-AU600	113323	23300-H5003	110142
23300-30S30	113644	23300-65Y10	111303	23300-AU601	113323	23300-H5004	110142
23300-30S60	113644	23300-6K200	110574	23300-AX000	114199	23300-H5010	110142
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23300-31U01	111382	23300-6T000RE	110574	23300-AX00A	114199	23300-H5012	110142
23300-31U02	111382	23300-6T001	110574	23300-AX010	113644	23300-H5013	110142
23300-31W00	110386	23300-6T00A	110574	23300-AX01A	113644	23300-H5014	110142
23300-31W01	110386	23300-70J00	111303	23300-B03G0	110279	23300-H5015	110142
23300-31W02	110386	23300-70J01	111303	23300-B0700	110156	23300-H6900	110142
23300-31W03	110386	23300-70J02	111303	23300-B5000	110332	23300-H6901	110142
23300-31W04	110386	23300-70J03	111303	23300-B5001	110332	23300-H6902	110142
23300-3400A9	114074	23300-70J10	111608	23300-B5002	110332	23300-H6903	110142
23300-34T00	113191	23300-70J11	111608	23300-B5010	110332	23300-H6904	110142
23300-37500	110386	23300-70J12	111608	23300-B5011	110332	23300-H7301	110142
23300-37502	110386	23300-70Y00	111312	23300-BC200	115361	23300-H7302	110142
23300-37503	110386	23300-70Y01	111312	23300-BC20A	115361	23300-H9101	110280
23300-37504	110386	23300-70Y10	111312	23300-BC20B	115361	23300-H9112	110280
23300-37505	110386	23300-73C00	111312	23300-BC20C	115361	23300-JG70A	114074

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
23300-JG70B	114074	23300-VC11A	114875	383691	110240	191-1798	113476
23300-K9160	111108	23300-VC11B	114875	384163	110647	191-1804-04	113141
23300-L1110	110256	23300-VK500	113964	385401	111043	191-1808-04	113141
23300-L1111	110256	23300-VK50A	113964	385529	110644	191-1808-06	113141
23300-L1800	110386	23300-VM00A	113964	385615	110647	191-1925	110408
23300-L2911	110256	23300-VW201	114032	386465	110644	191-1949-04	113141
23300-L2912	110256	23300-W0400	110277	386591	111043	191-1949-06	113141
23300-L6000	110616	23300-W0401	110277	386597	111043	191-1949-07	113141
23300-L6600	110616	23300-W0402	110277	386657	110240	191-1949-08	113141
23300-M8000	110279	23300-W0403	110277	386671	110240	191-2132	112832
23300-M8001	110279	23300-W0410	110277	387094	110645	191-2158	112832
23300-M8010	110279	23300-W0411	110277	387277	111864	191-2212	113429
23300-M8011	110279	23300-W0412	110277	387684	110647	191-2312	113476
23300-M8110	111728	23300-W0413	110277	389275	110647	191-2346	112267
23300-M8111	111728	23300-W0415	110277	389380	110644	191-2347	113429
23300-M8200	110279	23300-W0417	110277	389954	110644		
23300-M8201	110279	23300-W7001	110280	391264	111864	<b>OPEL</b>	
23300-M8202	110279	23300-W9810	111108	391511	112145	10464476	113777
23300-M8210	110279	23300-WD000	113319	391554	110644	10480384	111426
23300-M8211	110279	23300-WD001	113319	391735	110240	10480409	111426
23300-M8212	110279	23300-Y0500	110277	391735	110240	1200172	111123
23300-MA70A	114032	23300-Y0501	110277	392133	111043	1200172	111123
23300-N5900	110280	23300-Y0510	110277	393259	111864	1202000	110847
23300-N5901	110280	23300-Y0511	110277	393988	110644	1202001	111055
23300-N5902	110280	23300-Y0512	110277	394176	111864	1202002	111055
23300-N5903	110280	23300-Y0513	110277	395207	110645	1202005	110847
23300-N5910	110280	23300-Y0700	110277	396235	112145	1202007	110364
23300-N5911	110280	23300-Y0701	110277	396313	111864	1202009	111136
23300-O4000	110256	23300-Y0710	110277	397023	112145	1202010	110847
23300-OM301	111459	23300-Y0711	110277	432925	112157	1202011	111127
23300-OM302	111459	23300-Y0712	110277	434795	111864	1202015	111274
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23300-P5110	110155	23300-Y9700	114318	583473	112156	1202020	111055
23300-P5111	110155	23300-Z5000	110616	583482	110647	1202024	112459
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23300-P5113	110256	23300-Z5504	110616	585050	110240	1202033	111534
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23300-R9000	110256	23300-Z5514	110616	585059	112156	1202102	110364
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23300-S0510	110144	23300-Z5517	110616	585062	110645	1202109	111055
23300-T5070	110256	23300-Z5520	110616	585063	110647	1202110	115719
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23300-T9009	113210	31A66-00101	110947	586278	111043	1202125	110847
23300-T9010	113210	31A66-00102	110947	586279	110647	1202126	111055
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23300-U0112	110144	34466-15202	111275	586288	110645	1202134	110364
23300-U0113	110144	34466-20102	111913	586289	112145	1202136	111136
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23300-U7511	110280	34766-20900	112323	980820	112232	1202142	111123
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23300-V0603	110386			982202	112233	1202145	111848
23300-V0605	110386	<b>OMC</b>		983019	111864	1202147	111559
23300-V0606	110386	277432	111043	984456	110216	1202148	113674
23300-V0607	110386	278024	111043	985237	111864	1202152	111559
23300-V4171	110865	278232	111043			1202154	112083
23300-V4361	111010	378674	111043	<b>ONAN</b>		1202156	110839
23300-V4362	111010	379091	111043	119-2211	112267	1202157	111690
23300-V7200	111445	379818	111043	185-2166	110552	1202159	111848
23300-V7260	111445	380139	111043	191-0543	110408	1202161	111534
23300-V8200	110279	380238	111043	191-0665	110408	1202163	111559
23300-VB300	111445	380239	111043	191-0665	110408	1202166	112821
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23300-VC101	114764	381864	111043	191-1529	113015	1202168	113446
23300-VC10B	114764	382138	111863	191-1567	113015	1202169	112459
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				191-1667	112832	1202173	111123
				191-1682-04	113141	1202174	111123

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>OPEL</b> <i>Continued</i>							
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
6202079	113276	6204246	115846	90512189	111848	93160665	112471
6202083	113843	6204251	113941	90512467	113674	93160666	113245
6202084	114298	6204252	114121	90518627	111848	93160829	113248
6202085	114482	6204256	114249	90519331	113674	93161060	114814
6202087	112320	6204257	114895	90519332	110839	93161425	112471
6202088	113276	6204258	114409	90540586	110839	93161427	113245
6202089	115597	6204259	114754	90542409	111788	93161735	114509
6202099	114029	6204265	114492	90542412	113446	93168346	114826
6202103	112320	6204271	115306	90542532	112459	93169014	112320
6202105	114029	6204274	114665	90542967	112459	93169024	113722
6202125	114341	6204275	114512	90542981	111732	93169024	115963
6204000	111426	6204278	114510	90543234	111824	93169026	113720
6204002	111426	6204280	115308	90543871	111123	93169026	116064
6204003	112229	6204282	114754	90543872	111123	93169028	113955
6204006	111514	6204283	114409	90561167	113879	93169028	114801
6204007	111514	6204284	112271	90561169	112415	93169029	113955
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6204009	111514	6204664	116064	90561970	111990	93169030	113904
6204010	111514	9000758	111127	90561971	112416	93169031	113904
6204013	111186	9000762	111786	90561972	115619	93169032	114204
6204014	111788	9000902	114341	90566073	112459	93169033	114204
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6204043	111831	90244664	111170	9110411	113481	93169258	114204
6204045	111767	90247986	111170	9111540	112471	93169259	113904
6204046	111515	90247987	111170	9112221	112475	93169260	114284
6204047	111831	90277934	110847	9112331	113248	93169265	112471
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6204063	111732	90297846	110847	9115190	113276	93169458	114029
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6204073	112416	90337036	111170	9115192	111123	93169474	114700
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6204075	111824	90337043	111166	91154217	111724	93171936	113276
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6204077	113879	90337045	111168	91167474	112474	93171950	113276
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6204080	115619	90337047	110972	9117031	111123	93174469	114431
6204088	112689	90337048	112056	9117691	112431	93174497	114656
6204098	112416	90337074	111166	9117930	111824	93175799	112271
6204099	113352	90341777	111123	9117932	113879	93175803	111514
6204102	111824	90348290	110847	9117936	115619	93175883	111724
6204105	112415	90348291	111055	9119309	112720	93175885	113276
6204106	111515	90348292	111123	9119793	111534	93175903	113276
6204109	111426	90348696	111169	9121119	113837	93175996	113276
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6204113	113352	90348698	111166	9130838	111123	93176035	113352
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6204140	112271	90349208	111800	9132653	112720	93176061	111848
6204141	111514	90349210	110972	9133599	111824	93176396	113248
6204145	111732	90349328	112056	9133600	111990	93176653	114658
6204155	111990	90349835	111166	9152247	113352	93177834	115619
6204173	113352	90349850	111170	9160344	111937	93177835	111824
6204178	115619	90349851	111170	9160345	112057	93178138	113843
6204179	111824	90349852	112056	9160556	112103	93178167	113276
6204180	113720	90349853	111166	9161247	112057	93178173	112272
6204180	116064	90356665	111732	9163937	112229	93179580	114032
6204181	113722	90356897	111732	9173570	112459	93180098	113955
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6204184	113352	90389246	112689	9192823	111990	93180104	113904
6204187	113955	90421876	111123	9195753	112416	93180415	111990
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6204188	114204	90443488	110839	9198664	112103	93180419	115846
6204189	113904	90443760	112229	9199321	113276	93183381	115308
6204192	111990	90443929	111732	9199574	113352	93183432	114076
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6204195	115846	90443931	111732	9200956	111824	93184052	113352
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6204198	114121	90449689	111848	9200960	112431	93184533	113276
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6204201	115308	90487345	111848	9201489	112416	93186246	113843
6204202	114076	90487546	112459	9201491	111732	93188158	115843
6204204	112416	90488053	111800	9201825	112475	93188332	114122
6204207	113352	90508036	111123	9201826	113245	93189013	114700
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6204236	114656	90511841	110839	93134147	114871	93190320	114029

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>OPEL Continued</b>							
93190827	113352	97223653	111559	1873A056	110615	2871A309	115742
93190828	113352	97241021	111515	23737R	111289	2871A310	113967
93190829	115306	97326180	112271	23962R	111289	2871A411	110968
93190915	115308	97355198	113941	23963R	110179	2871A412	114004
93190956	112475	97363832	114121	24123R	111948	2871A602	112112
93190996	112475	97363833	114121	26283R	110443	2871A651	111569
93191079	114029	97369507	113956	26294R	111737	2871A701	114714
93191541	113248	97369508	113956	26295R	110460	2871A702	114302
93191921	114510	97375613	114482	26358R	110460	2871A703	115794
93191922	114088	97386062	112320	26408R	110460	2871A704	114714
93194147	114871	98014743	112320	26410R	110565	2871A902	114767
93194153	114247	98031154	114665	26414R	111346	2871A903	114767
93196800	114032	98031155	114512	27432R	110439	2871C105	110891
93196984	113993	98042872	114665	27533R	112136	2871C202	113186
93198179	112471	98042873	114512	2871161	110482	2871D031	110770
93198275	114700	98056439	114121	2871170	110483	2871D032	110107
93260364	112689	98056441	113956	2871175	110483	2871D033	110107
93374341	111123	AZ13256929	114451	2871178	110482	2872D002	110442
93456401	114074	R1030105	112057	2871180	110483	2873001	111737
93456402	115829	R1040015	111136	2871181	110484	2873002	110460
93604828	111123	R1040024	111136	2871182	110483	2873003	110565
93857703	114074	R1040032	111534	2871184	110484	2873004	110565
93858918	112474	R1040037	113446	2871609	111185	2873006	111346
93859136	114074	R1530001	112229	2871611	110178	2873008	110819
93859444	112475	R1530024	112416	2871612	110969	2873022	111737
93861155	114074	R1530037	112271	2871613	110178	2873106	110450
93863425	114814	R1530041	111514	2871615	110178	2873109	110449
93863426	114074	R1530052	111426	2871616	110179	2873116	110439
94332586	111274	R1530089	113941	2871619	110178	2873118	110439
94382059	111267	R1530090	114121	2871708	110969	2873119	110442
94386328	111136	R1530098	113955	2871A003	111295	2873121	110443
94387653	112083	R1530098	114801	2871A007	111569	2873123	110442
94405044	110697	R1530099	113904	2871A101	111184	2873124	110442
94413997	110679	R1530100	114204	2871A102	111185	2873126	110464
94433912	111559	R1530109	114029	2871A103	110178	2873141	110443
94448959	111683	R1540010	112320	2871A105	110178	2873143	110439
94454891	111136	R1540011	113276	2871A107	110178	2873145	110442
94471996	111187	R1540015	113446	2871A109	111289	2873147	110449
94483918	111136	R1540025	113843	2871A110	110969	2873152	110818
9512120	112229	R1540027	112320	2871A112	110969	2873153	110464
9512765	111724	R1610391	112416	2871A116	110178	2873155	110450
9512861	113248	YM13117340	113955	2871A118	110178	2873157	110452
95511894	113719	YM13117340	114801	2871A120	111185	2873160	110452
95511894	115869	<b>PARIS ROHNE → VALEO</b>		2871A121	111184	2873168	110818
95511895	115400	<b>PERKINS</b>		2871A122	111289	2873174	110452
95511912	115346	1388721	113985	2871A123	110969	2873175	110452
95512068	114493	1447732MI	111737	2871A124	110968	2873179	110178
96627029	115380	185046170	110258	2871A126	110969	2873180	110442
96627034	114159	185046220	111048	2871A128	110968	2873181	110442
96627035	111848	185046320	113562	2871A129	111184	2873185	110442
96673046	114235	185046360	111355	2871A131	111185	2873186	110442
96843574	114159	185046500	113763	2871A132	110178	2873303R	112091
96866020	114235	185046501	113763	2871A133	110178	2873345	110998
97034899	113076	185046522	113763	2871A134	110178	2873A001	110615
97041790	111186	185086291	111300	2871A136	110178	2873A010	110443
97074611	112228	185086321	110552	2871A137	110179	2873A012	110439
97112549	111559	185086410	111300	2871A138	110968	2873A013	114730
97113118	111186	185086500	111300	2871A141	110770	2873A015	110442
97113770	111267	185086510	111300	2871A142	111364	2873A016	110464
97117769	111274	185086530	113696	2871A145	112112	2873A017	110439
97117770	111136	185086540	110315	2871A147	110770	2873A019	111346
97121180	113076	185086570	115991	2871A148	110770	2873A029	111346
97133369	111534	185086600	112534	2871A149	112238	2873A030	111737
97133854	111767	185086610	110552	2871A154	110770	2873A031	111346
97134762	112228	185086620	111300	2871A156	113763	2873A101	114730
97134866	111767	185086680	114718	2871A159	111740	2873A102	110443
97136688	112083	1871A154	110968	2871A160	111355	2873A103	110442
97146338	111559	1871A163	110968	2871A161	111368	2873A104	110439
97147851	112228	1873A010	110443	2871A163	110770	2873A105	110464
97150200	111515	1873A012	110439	2871A165	111289	2873A15	110442
97150201	111831	1873A013	110442	2871A166	111361	2873B052	110819
97150203	111534	1873A015	110442	2871A167	112698	2873B053	110460
97150204	111690	1873A052	110819	2871A168	113763	2873B055	114650
97187655	112228	1873A053	110615	2871A301	113763	2873B056	110615
97189112	112272	1873A054	111346	2871A302	113763	2873B057	114650
97189113	112271	1873A055	111346	2871A303	113763	2873B058	112277
97189118	112320			2871A304	115742	2873B059	112277
97204326	113563			2871A305	113967	2873B061	110819
97210505	111559			2871A306	113763	2873B071	110615
				2871A308	113763	2873B072	111346

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2873B073	111346	5702A0	112461	57055Y	113404	5705FW	112058
2873D001	110565	5702A1	112461	57055Z	113404	5705FX	112480
2873D003	110443	5702A2	113250	57056C	113250	5705FY	113503
2873D004	110819	5702A3	113246	57056D	113246	5705G0	112782
2873D005	110439	5702A4	113246	57056E	113246	5705GC	112460
2873D201	111793	5702A6	113755	57056M	113404	5705GF	112648
2873D202	111793	5702A7	113755	57056P	113755	5705GG	113404
2873D304	112037	5702C0	113247	57056S	112648	5705GH	113404
2873K062	112091	5702C5	113755	57056T	112648	5705GJ	112648
2873K401	113132	5702C6	113755	57056U	113404	5705GK	113404
2873K404	113654	5702C8	113250	57056V	113404	5705GL	113404
2873K405	113655	5702C9	113246	57056W	113404	5705GN	113405
2873K406	114278	5702E1	113640	57056X	113404	5705GP	113575
2873K414	115821	5702E1	116067	57056Y	113405	5705GQ	112469
2873K601	115389	5702E2	113640	57056Z	113405	5705GR	112772
2873K604	114852	5702E2	116067	57057A	113575	5705GV	111416
2873K605	114852	5702E3	113640	57057C	113575	5705GW	111568
2873K606	114852	5702E3	116067	57057E	112469	5705GZ	113250
2873K621	114387	5702E6	113246	57057F	112469	5705H7	112299
2873K624	114388	5702E9	115541	57057G	113404	5705HC	113755
2873K625	114388	5702F0	113246	57057H	113404	5705HH	112754
2873K626	114388	5702F3	113755	57057K	112772	5705HJ	112782
2873K631	115389	5702F6	114044	57057M	111841	5705HN	112299
2873K632	114387	5702F9	115541	57058A	113250	5705HQ	112230
2873K634	114388	5702G9	113946	57058C	113246	5705HT	112298
2873K635	114852	5702H0	113946	57058E	113246	5705HV	112287
287A703	115794	5702H4	113948	57058G	113755	5705HW	111532
31179	110443	5702L3	115604	570590	112754	5705HY	112688
31196	110442	570511	111075	570591	112162	5705HZ	112772
31197	110442	57051J	111723	570593	112162	5705J0	112230
3181A084	113763	57051N	112467	570597	112162	5705JA	111318
34237	110442	57051P	112703	5705AC	113755	5705JC	113604
34263	110482	57051Q	112703	5705AF	113247	5705JE	111893
3586847	114387	57051X	111723	5705AL	113755	5705JN	111841
36560	115325	57051Y	111723	5705AN	113250	5705JR	112230
37701400	110615	570525	111076	5705AP	113250	5705JR	112292
3873K625	114388	57052A	112058	5705AQ	113246	5705JS	110619
47920034	112277	57052A	112058	5705AR	113640	5705K7	112703
7523002	110442	57052B	113603	5705AR	116067	5705KA	115760
7523821	110442	57052C	112480	5705AS	113640	5705KS	115582
CH11087	112160	57052D	113503	5705AS	116067	5705KX	113405
TPN758	113763	57052F	110619	5705AT	113403	5705KY	113575
TPN771	113763	57052J	111841	5705AW	113246	5705L1	112287
U5MK8261	112534	57052K	111076	5705AZ	113575	5705L2	111532
U85086770	114476	57052N	112230	5705C3	111071	5705L3	112772
<b>PETTER</b>		57052N	112292	5705CA	115541	5705L6	113485
282250	110483	57052P	113485	5705CJ	114391	5705L7	112688
<b>PEUGEOT</b>		57052Q	111318	5705CK	114044	5705M8	112298
1475489080	112053	57054C	112681	5705CP	114099	5705M9	112298
1606439580	115384	57054E	111498	5705CQ	112469	5705N0	112287
1608858080	115346	57054F	112460	5705CR	114090	5705N1	112287
1608858180	115667	57054H	113405	5705CS	113946	5705N2	111532
1609842580	115739	57054J	113575	5705CW	115474	5705N3	111532
1612794380	115400	57054K	112469	5705E1	110619	5705N7	112299
5426014	111100	57054N	112648	5705E2	112782	5705NA	113946
5433495	111100	57054P	113404	5705E6	112298	5705NE	113755
5446241	110743	57054Q	113404	5705E7	112299	5705NR	115604
5446248	110743	57054R	112058	5705E8	112772	5705P7	112772
5473145	110743	57054T	112058	5705EK	115541	5705R2	112162
5490308	111100	57054U	113603	5705EL	113404	5705R5	113485
5490438	110743	57054V	113603	5705EN	113246	5705R6	112688
5490668	110743	57054W	112480	5705ER	112461	5705R7	112688
5491319	110743	57054X	112480	5705ES	113755	5705S0	111568
5491448	111100	57054Y	113503	5705EV	113247	5705S1	112772
555711	111075	57054Z	113503	5705EW	113755	5705S2	111318
555724	111076	57055A	113405	5705EX	113640	5705S3	111318
555756	111076	57055B	113575	5705EX	116067	5705S4	111318
555799	111071	57055C	112469	5705EY	113640	5705W4	111318
555807	111066	57055H	112460	5705EY	116067	5705W5	111318
555826	111063	57055J	112460	5705F2	112754	5705W7	111318
555836	111070	57055M	112648	5705F3	112230	5705W9	113604
555838	111070	57055N	112648	5705F3	112292	5705X0	113604
555893	111066	57055P	113404	5705F4	112230	5705X2	112782
557024	111076	57055Q	113404	5705FA	113246	5705X3	111532
557291	112162	57055R	113404	5705FF	112467	5705X7	111893
558007	111066	57055T	113405	5705FK	111723	5705X8	111893
558093	111066	57055U	113575	5705FN	113485	5705X9	110619
		57055V	112469	5705FP	111318	5705Y0	112782
		57055X	112648	5705FV	113603	5705Y1	112230

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PEUGEOT</b> <i>Continued</i>							
5705Y1	112292	5802W4	114460	95667752	110584	9631318480	112688
5705Y2	112230	5802W9	114460	95667753	110584	9631318580	112298
5705Z0	111076	5802X6	111641	95667754	111130	9631318680	112299
5705Z3	111841	5802Y3	110584	9600282180	110587	9631318780	112772
5705AA	112461	5802Y4	113254	96016744	112162	9631324980	111723
580236	111070	5802Y5	113254	96017849	111029	9631325080	111723
580285	111115	5802Y6	113254	9602174480	111841	9633292480	110584
580292	111070	5802Y9	112026	96028857	110584	9633782580	113405
5802A0	110584	5802Z0	112436	96035033	111130	9633782680	113575
5802AH	115328	5802Z1	112026	9603503580	111070	9634476880	112782
5802AJ	115328	5802Z3	112436	9603552180	111076	9634561480	113404
5802AR	113960	5802Z5	113926	9605062980	110619	9635342080	112460
5802AS	113959	5802Z6	113926	9605219380	110584	9635501280	115354
5802AX	115328	5802Z7	113926	96054384	111070	9635557780	113404
5802AZ	113254	5802Z8	113933	9607641280	112298	9635772780	113603
5802C2	110584	5802Z9	113933	9608719280	110584	9635772880	112480
5802C9	110584	5802AA	113933	9608719380	111029	9635772980	113503
5802CC	110584	75491667	110743	9609313280	110584	9636204480	113405
5802CG	110584	75491721	110743	9610205880	113443	9636204580	113575
5802CK	111029	75491723	111100	9610601580	112299	9636204680	112469
5802CL	112053	75492566	111100	9610601880	112772	9636254180	112461
5802CP	111070	75492583	110743	9611365980	112298	9636545580	112467
5802CR	111994	7910004942	111066	96113668	112298	9637075380	113404
5802CS	110587	7910027938	111066	9611366880	112298	9637398980	113575
5802CY	114460	910400098	111070	9611369580	112298	9637813680	113254
5802E2	111070	9150747780	110587	9612257180	112298	9638275380	113575
5802E3	111421	9150747880	110587	96122596	112292	9638275580	113405
5802E4	111130	9150864480	110587	9612259680	112292	9638275680	113575
5802E5	113443	9150864580	110587	9612259880	112230	9638275780	112469
5802E8	110584	9150866480	110584	9613015980	111130	9638275880	113405
5802E9	111029	9151095080	111076	9613230280	111130	9638275980	113575
5802EF	113926	9151412580	111070	9613496680	112292	9638276180	112648
5802EG	113933	9151424580	111068	9615519880	111130	9638276280	113404
5802EP	110584	9151431280	111070	9616862980	112299	9638543580	113250
5802EQ	111070	91517980	111076	9617842880	111893	9638543680	113246
5802ER	111029	91517981	111076	9617842980	113485	9638543780	113246
5802ES	111130	91517982	111076	9617843180	112703	9638544180	113250
5802ET	113443	9151798380	111076	9617849180	112688	9638544280	113246
5802EV	113960	91536242	110584	9617861280	111318	9638544580	113246
5802F3	111029	9153695080	111066	9617861380	111318	9639362380	112460
5802F6	112053	9467560280	112460	9618725080	110584	9639396580	115438
5802FC	113959	9467560380	112461	9618946480	112703	9640088080	115438
5802FD	115448	95125288	111070	9618952880	112688	9640623580	113755
5802FG	113254	95155198	110584	9618961380	111318	9640628880	113755
5802FP	113254	95492810	110743	9618961480	113604	9640825280	113254
5802FR	115400	95494135	111071	9618961580	111318	9640878780	112461
5802G2	111029	95494137	111071	9618961680	113604	9641302580	112461
5802G4	112053	95494247	111100	9619310280	111130	9641398480	113405
5802H4	113443	95495512	111075	9619333080	112299	9641398680	113575
5802H5	112053	95495989	111071	9619333280	112299	9641727480	113404
5802H6	112053	95508644	110587	9619333380	112772	9642124980	115438
5802H8	111070	95514125	111070	9619429380	112782	9642147380	113503
5802J3	113443	9555507680	113926	9619916180	112703	9642879480	113250
5802L9	111029	95580160	110743	9620332580	112287	9642879680	113246
5802M0	111029	95580161	111100	9621191780	113485	9642879780	113246
5802M1	112124	9558385480	111115	9621791480	112460	9642879980	113405
5802M3	111070	95607229	110587	9621791680	112058	9642880080	113575
5802M4	111070	95607231	111076	9623727180	112058	9642880180	112469
5802M5	112053	95607232	111075	9623727280	113603	9642880280	112058
5802M7	114460	95607233	111066	9623727281	113603	9642880380	113603
5802M9	111994	95607234	111070	9623727380	112480	9642880480	112480
5802N3	110584	95618728	110743	9623727780	113603	9643001680	114128
5802P8	110584	95619191	111076	9623727880	112480	9644037180	115369
5802Q1	110584	95619192	111075	9623727980	113503	9644103580	113640
5802Q2	111130	95619197	111115	9624141480	113485	9644103580	116067
5802Q3	111029	95624061	111841	9624141580	112688	9644529680	113948
5802Q7	111994	95624960	110584	9625382480	112053	9644536880	113575
5802Q9	111994	95624961	111841	9625382680	114460	9644927080	113405
5802R3	111994	95632024	111841	9625382780	111070	9645100680	113933
5802R4	110584	95632727	112754	96262614	110584	9645907580	112461
5802R5	111029	9563521080	111076	9626261480	111994	9645907680	112460
5802R6	110587	95653968	112162	9627727180	112058	9645907780	112460
5802R8	111130	95653974	111071	96288707	111029	9645907880	112460
5802S3	111070	95656487	111130	9628925380	110619	9646049980	113755
5802S3	114460	95656490	111029	9630080280	112703	96460654	113640
5802S8	112053	95667742	110619	9630204580	113575	96460654	116067
5802V4	113451	95667747	112292	9631318180	111318	9646065480	113640
5802V5	114460	95667748	114026	9631318280	113604	9646065480	116067
5802V6	111070	95667749	114026	9631318380	113485	9646068880	113755

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
9646153680	112058	AM532-010AR	110743	103-135	110149	103-255A	111305
9646321780	113640	V755001780	113960	103-135A	110808	103-261	110279
9646321780	116067	V75769218002	114811	103-135B	110808	103-261A	110279
96463218	113640	V75769218003	114811	103-135C	110808	103-271	111311
96463218	116067	V758575180	114811	103-135D	110808	103-277BA	111349
9646321880	113640	V75857518000	114811	103-136	110149	103-278	111312
9646321880	116067	V75857518001	114811	103-136A	110149	103-280	111312
9646476280	113755	V761548480	114811	103-136E	110808	103-284	112368
9646477580	113755	V764559080	113960	103-137	110158	103-286	110808
9646679980	113254	V764559480	113960	103-137A	110479	103-289	111307
9646694080	114030			103-137B	110315	103-291	111970
9646972280	113926	<b>PIC</b>		103-137C	110315	103-295	111552
9647157980	113926	101-200	110856	103-137D	110315	103-299	111451
9648111680	114460	101-202	110793	103-138	112215	103-306	111913
9648242180	113926	101-202A	110793	103-139	111310	103-306A	111913
9648644680	110584	101-202B	110793	103-140	110256	103-309	111273
9649448380	115328	101-203	110367	103-140A	110155	103-321	113638
9649611280	113946	101-203A	110367	103-141	110256	103-322	113521
9649611480	113575	101-204	110585	103-142	111452	103-323	113020
9649611580	113575	101-208	110367	103-144	110182	103-326	111730
9649611680	113246	101-210	110866	103-145	110292	103-330	112177
9649611780	113246	101-216A	111063	103-146	110811	103-331	111300
9649611880	113246	101-217	111066	103-146A	110811	103-336	111971
9649846780	115541	101-220	112440	103-146B	110811	103-339	112276
9650358580	113640	101-220A	111851	103-150	110810	103-340	112267
9650358580	116067	101-225	111251	103-152	111451	103-341	110389
9650582080	113948	101-229	111100	103-152A	111451	103-343	110578
9651927480	115474	101-230	110856	103-157	111005	103-343A	110578
9652035480	114391	101-235	111130	103-159	111475	103-343B	110578
9654343080	113246	101-235A	111130	103-160	111586	103-344	110578
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9654595680	114854	102-203	110338	103-162	110394	103-345	111275
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9655858280	113946	102-215	112309	103-167	111608	103-352	111300
9656003780	112469	102-308	110522	103-167A	111608	103-352A	111300
9656262780	114460	102-308A	110522	103-167B	111608	103-352B	111703
9656299480	114460	102-309	110518	103-168	111459	103-354A	113129
9656955880	113250	102-310	110521	103-168A	111303	103-359	110947
9656956080	113405	102-310A	110521	103-174	110810	103-370	110576
9656956280	113246	102-311	110529	103-176	111241	103-373	110576
9656956380	113575	102-311A	110529	103-176A	111241	103-374	111272
9657129680	114391	102-312	110529	103-176B	111241	103-375	112323
9657363780	114044	102-313	110813	103-176C	111241	103-375A	112323
9658308780	110584	102-316	110529	103-178	110958	103-376	112342
9660055080	115474	102-317	110529	103-178A	110958	103-377	112342
9661152980	115369	102-322	110529	103-180	111108	103-383	112342
9662731680	115369	102-323	110530	103-180A	111108	103-384	111300
9662854080	113933	102-324	110521	103-182	111485	103-386	113618
9662854180	114030	102-325	110520	103-183	110808	103-388	112300
9663528880	113933	102-327	111001	103-183A	110808	103-389	113638
9664016980	113254	102-330	110813	103-185	111310	103-391	110809
9664532780	114811	103-083	110421	103-186	110182	103-428	113819
9664883080	115328	103-085	110572	103-188	111552	103-5018	113642
9664984080	115582	103-088	110277	103-190	112846	103-5018A	113820
9665067980	113246	103-088A	110277	103-192	110292	103-5019	113642
9665577480	113250	103-094	110144	103-194	112301	103-5026	113618
9665577580	113405	103-094A	110144	103-195	110394	103-5026A	113618
9665577780	113575	103-094B	110144	103-197	110810	103-5053	113795
9665617780	115369	103-098	110277	103-203A	110158	103-511	113669
9665735680	115369	103-100	110315	103-204	110958	104-092	111766
9666030280	114707	103-100A	110315	103-209	110572	104-106	112674
9666998080	115604	103-101	110394	103-212	110809	104-110	112296
9671014680	114460	103-101A	110394	103-215	111312	104-117	110332
9674987580	116061	103-102	110278	103-218	111311	104-117A	110332
9675092580	113959	103-102A	110278	103-224	110933	104-118	110277
9677608580	115739	103-106	110279	103-224A	110933	104-118A	110277
9678049580	115582	103-110	110157	103-227	111349	104-120	110144
9678690180	115986	103-114	110158	103-227A	111349	104-120A	110144
9688237380	115546	103-116	110157	103-227B	111349	104-120D	110144
9688268480	113254	103-116B	110157	103-227BA	111349	104-121	110155
9688268580	113254	103-120	110149	103-233	110947	104-122	110142
97530824	110584	103-120A	110149	103-234	110415	104-122A	110142
9801667580	113254	103-120B	110149	103-235	113668	104-122B	110142
9801667780	113933	103-121	110149	103-242	110572	104-123	110142
9806007480	115546	103-133	110158	103-243	112178	104-124	110156
98490185	112681	103-133A	110479	103-243A	112178	104-125	110249
98490186	111498	103-133B	110158	103-244	110280	104-126	110277
AM532010AR	110743	103-134	110315	103-255	111305	104-128	110278

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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
104-129	110279	106-014	110647	108-213	110856	120-121A	110364
104-130	110277	106-015	110647	108-213A	110856	120-124A	111693
104-132	110279	106-016	110510	108-213B	110856	120-125	111061
104-138	110160	106-019	110240	108-213C	110856	120-125A	111061
104-139	110249	106-019A	110240	108-213D	110856	120-126	110772
104-139A	110249	106-020	110949	108-214	112295	120-132	110368
104-141	110485	106-021	110241	108-217	111063	120-139	111059
104-142	110552	106-024	111701	108-223	111066	120-141	110997
104-143	111459	106-025	110644	108-224	110587	120-142	110869
104-143A	111459	106-025A	110644	108-227	110866	120-142A	110869
104-143D	111303	106-026	111043	108-227A	110866	120-142B	110997
104-143E	111303	106-027	111861	108-228	111114	120-142C	110869
104-143F	111459	106-028	112247	108-230	110367	120-143	110838
104-143G	111459	106-030	113015	108-234	110856	120-149	111855
104-147	111098	106-032	110634	108-236	110439	120-149A	111855
104-152	111312	106-034	111012	108-236A	110439	120-151	112534
104-157	111312	106-034A	111012	108-237	110565	120-152	112172
104-159	111836	106-035	110636	108-237A	110565	120-158	111069
104-160	110617	106-037	110645	108-246	111047	120-171	110363
104-165	112008	106-038	110648	108-250	110354	120-171A	110363
104-171	111840	106-039	110648	108-252	110584	120-171B	110363
104-172	110160	106-042	110241	108-252	110584	120-177A	110336
104-175	110719	106-044	112150	108-260	111404	120-180	110996
104-176	111382	106-047	110650	108-261	111307	120-181	112286
104-176A	111382	106-048	110650	108-262	110856	120-181A	112286
104-176B	111382	106-051	112830	108-262B	110856	120-182	110865
104-183	110485	106-052	112244	108-264	111015	120-182A	110865
104-196	111274	106-055	112831	108-269	111123	120-183	111059
104-196A	111690	106-055	112831	108-270	111334	120-183A	111059
104-199	111136	106-056	113591	108-273	110587	120-187	111066
104-199A	111534	106-057	112146	108-278	113478	120-187A	111066
104-200	110280	106-060	112568	108-279	111029	120-190A	111748
104-200A	110280	106-061	112568	108-282	111335	120-190B	111059
104-200C	110280	106-062	112829	108-282	112295	120-191	112131
104-200E	110280	106-066	112157	108-289	111070	120-194	111054
104-206	110573	106-068	113592	108-292	111068	120-195	111112
104-209	110719	106-070	113594	108-292C	111068	120-199	111120
104-223	110386	106-075	112827	108-304B	110793	120-200	111400
104-224	110386	106-077	111701	108-324A	112295	120-200A	111400
104-227	110386	106-079	110649	108-324B	112295	120-202	111911
104-232	110443	106-080	113476	108-334B	110585	120-205	111065
104-235	110412	106-200	110635	108-364	111909	120-206	110862
104-236	110719	106-202	110634	108-374	110587	120-207	111851
104-236A	111559	106-203	112832	108-375B	111100	120-213	112166
104-240	111023	106-203A	112832	108-375C	111100	120-218	110587
104-254	110723	106-204	110634	108-378	110439	120-220	111120
104-256	110723	106-205	111804	108-393	110363	120-222A	112537
104-263	110574	106-206	112242	120-037	110838	120-230	112306
104-265	110485	106-210	113539	120-041	111025	120-231	112439
104-269	110412	106-212	113539	120-042	110869	120-232	111865
104-272	110573	106-301	112312	120-055	111055	120-234	110865
104-272A	110573	106-302	112312	120-056	110364	120-236	111131
104-274	110820	106-302A	112312	120-062	110997	120-238	111694
104-274C	110820	106-305	112313	120-064	110336	120-238A	111694
104-276	112373	106-306	112564	120-064A	110336	120-238B	111694
104-276A	112373	106-505	110647	120-064D	110336	12024	110138
104-277	110565	106-505A	110647	120-065	110831	120-284	111131
104-281	111120	106-506	112156	120-065A	110831	120-301	111030
104-291A	112374	106-510	112157	120-065B	110831	120-301A	111030
104-292	113191	106-511	112145	120-065C	110831	120-301B	111030
104-294	110616	106-512	112826	120-070	112034	120-301C	111030
104-295	110439	106-515	110648	120-087	110862	120-302	110867
104-297	110485	106-526	113017	120-106	111054	120-302A	110867
104-299	112478	106-526A	113017	120-106A	111054	120-302B	110867
104-301	111763	107-105	111864	120-106B	111054	120-302C	110867
104-304	112986	107-108	111863	120-107	111054	120-304	111749
104-309	111010	107-122M	111862	120-107A	111054	120-307	112309
104-322	111559	108-192A	113269	120-107B	111054	120-310	110844
104-331	110417	108-195	111398	120-107C	111054	120-310A	110844
104-331A	110417	108-198	110367	120-109	110997	120-311	111490
104-333	111706	108-198C	110866	120-109B	110997	120-311A	111490
104-351	110723	108-201A	110793	120-111	110997	120-311B	111490
104-352	111247	108-203	110367	120-112	110368	120-314	111055
104-356	113675	108-204	111066	120-112A	110368	120-318B	110847
105-200	110640	108-204A	111066	120-112E	110775	120-319	110842
106-010	110510	108-205	110585	120-115	111010	120-319A	110842
106-011	111700	108-205D	110585	120-115A	111010	120-320	111489
106-012	110654	108-208	110367	120-116	110858	120-323	112295
106-013	112567	108-209	110367	120-118	110864	120-330	112290
		108-212	111063	120-121	110364		

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
120-330A	112290	120-518	110525	120-6058A	110524	140-106	110216
120-331A	111015	120-518B	110525	120-6058B	110524	140-110	110218
120-332	112321	120-518C	110525	120-6061A	110214	140-177	111277
120-332A	112321	120-523	111004	120-6063	110443	140-178	111258
120-338	113613	120-524	110525	120-6067	110524	140-183	110216
120-338A	113613	120-526	110529	120-6071A	110582	140-300	110216
120-338B	113613	120-526A	110529	120-6071B	110582	140-301	110216
120-339	112553	120-527	112660	120-6072	110582	140-303	112897
120-342	111817	120-527A	112660	120-6075	110436	140-305	112897
120-349	111851	120-528	110522	120-6078	110368	140-306	112897
120-350A	111269	120-529	111004	120-6079	110535	140-310	110218
120-351	111851	120-530	110536	120-6079A	110535	140-377	111258
120-353	110847	120-531	112660	120-6080	110812	140-381	112897
120-354	110847	120-535A	110529	120-6081	110209	140-381A	112233
120-358	112818	120-536	110527	120-6081A	110209	140-500	110414
120-359	112818	120-536B	110527	120-6082	111640	140-501	110414
120-359A	112818	120-536D	110527	120-6083	110213	140-502	112910
120-361	111911	120-536E	110527	120-6083A	110213	140-502A	112910
120-362	111900	120-539	112135	120-6085	110532	140-520	110221
120-362A	111900	120-539A	112135	120-6085A	110532	140-522	110221
120-364	111900	120-539B	112135	120-6087	112119	140-524	112911
120-365	112455	120-543	110522	120-6088	110205	140-530	110221
120-365A	112459	120-548	110462	120-6088A	110207	140-531	110221
120-368	111347	120-550	112041	120-6088B	110205	140-532	110221
120-368A	111347	120-553	112074	120-6089	111231	140-532A	110221
120-377	113282	120-553B	112074	120-6098	110980	140-536	110221
120-385	111900	120-556A	110530	120-6114	113900	140-537	111684
120-385A	112167	120-562	112074	120-6123	112249	140-537A	112898
120-388	111848	120-565	110521	120-6126	111332	140-542	111034
120-390	111769	120-565A	110521	120-6126A	111332	140-543	112912
120-391	112005	120-565B	110521	120-6126B	111332	140-556	111041
120-392	111909	120-566	111885	120-6131	110536	140-560	111786
120-397	112429	120-567	110517	120-6132A	112249	140-562	111034
120-429C	111619	120-568	111001	120-6153A	111070	140-562A	111034
120-433	112453	120-568A	111001	120-6276	114021	140-565	111127
120-454	112295	120-568B	111001	120-800	110999	140-565A	111127
120-463A	111750	120-570	110520	120-800A	110999	140-568	110221
120-473	112340	120-570A	110520	120-803	110347	140-570	111786
120-476A	111029	120-571	110518	120-803A	110347	140-570A	111699
120-485	112431	120-571A	110518	120-811	110209	140-571	111786
120-490	112542	120-579	111003	120-821	110347	140-572	112898
120-497	111755	120-581A	110537	120-831	111219	140-572A	112898
120-497A	111755	120-581B	110537	120-831A	111219	140-576	112239
120-498	111755	120-581C	110537	120-833B	110538	140-577	111786
120-500	111755	120-581D	110537	120-833C	110538	140-578	112240
120-500A	111755	120-582	110205	120-837	110539	140-579	111786
120-501	112249	120-582A	110533	120-840	112074	140-580	112897
120-504	111752	120-582B	110534	12125	110107	140-580A	111699
120-504A	111752	120-585	110512	12155	110127	140-582	112898
120-504B	111752	120-585A	110512	12278	110134	140-584	112904
120-504C	111752	120-589	110206	130-114	110223	140-584A	112904
120-504G	111752	120-589A	110210	130-115	110223	140-585	111699
120-505	110530	120-589B	110210	130-118	110222	140-586	111786
120-5051	111115	120-589C	110210	13193	110105	140-588	112906
120-5053	112454	120-590	112555	140-0101	110241	140-589	112902
120-505A	110530	120-591	110531	140-0103	110241	140-592	112900
120-5061A	110512	120-591A	110531	140-0104	110241	140-596	112241
120-5061B	110512	120-596	110439	140-0150	111277	140-6008	112906
120-5063	110212	120-597	110813	140-0150A	111277	140-6010	112902
120-5063A	110212	120-597A	110813	140-0151	112233	140-6010C	112902
120-5067	111218	120-599	111885	140-0152	110216	140-6020	112902
120-5067A	111218	120-599A	111885	140-0152A	111786	140-6022	111786
120-5067B	111218	120-6002	110536	140-0152D	110216	140-6023	112905
120-5068	112116	120-6002A	110536	140-0254	111277	140-6023A	112905
120-507	110536	120-6002C	110529	140-0254A	111277	140-6028	112898
120-5070	110461	120-6004	110818	140-0256	112233	140-6034	112906
120-5070A	110461	120-6005	110409	140-0257	112233	140-6040	112898
120-5072	111123	120-6007	110212	140-0257A	112233	140-6047	111123
120-5075	110367	120-6007A	110212	140-0258	112233	140-6048	111848
120-5078	110365	120-6009	110512	140-0258A	112233	140-6051	112546
120-5079	110367	120-6010A	110208	140-0259	112232	140-6068	113679
120-5091	110519	120-6018	112670	140-0259A	112232	140-700	112007
120-5091A	110519	120-6030	112034	140-0261	112233	140-700A	112007
120-512	111638	120-6037	111793	140-0262	112232	140-702	110216
120-512A	111638	120-6039	113534	140-092	110216	140-714	111260
120-512B	111638	120-6045	112071	140-100	110216	140-714D	111260
120-513	110536	120-6052	112132	140-101	110216	140-720D	111049
120-514	110525	120-6052A	112132	140-102	110216	140-724	111190
120-516	110536	120-6058	110524	140-105	110216	140-724A	111190

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
140-729	111190	140-9873	111000	142-141	111000	142-769	111000
140-730	110468	140-9882	110218	142-141B	110999	142-781	111000
140-730A	110468	141-204	110569	142-141J	111000	142-795	110999
140-731	110468	141-205	111224	142-141K	111000	142-797	110999
140-731A	110468	141-206	110569	142-142	111000	14515	110137
140-734	111190	141-209	111224	142-142B	111000	14571	110136
140-737	111190	141-211	111224	142-144	112089	150-0182	110225
140-740	110506	141-213	111224	142-151	111000	150-034	110226
140-740A	110506	141-267	112243	142-151B	110999	150-124	110227
140-741	110491	141-267B	110436	142-152	110999	150-131	110226
140-741A	110491	141-269	112243	142-152A	110999	150-132	110224
140-744	110506	141-281	111224	142-153	111000	150-142	110229
140-744A	110469	141-308	112255	142-158	111000	150-148	110230
140-745	110469	141-312	112255	142-159	111000	150-149	110228
140-745A	110469	141-312A	112255	142-161	110999	150-151	110230
140-761	111259	141-312D	112255	142-162	110999	150-153	110225
140-761A	111259	141-313	112255	142-162B	110999	150-168	110225
140-762	111259	141-313A	112255	142-164	112243	150-175	112963
140-771D	112897	141-313C	112255	142-167	112243	150-184	112963
140-773	110469	141-313D	112255	142-167A	112243	150-185	112965
140-774A	110469	141-313G	112255	142-167B	112243	150-185A	112965
140-801	112341	141-317	111021	142-171	110999	150-188	112016
140-802	110604	141-328	112255	142-171B	110999	150-191	112963
140-802A	110604	141-330	112243	142-172	110999	150-207	110509
140-812	112267	141-330B	112243	142-177	110999	150-209	110231
140-815A	112268	141-330D	112243	142-180	112089	150-312	111183
140-828	111041	141-330F	112243	142-182	110347	150-312A	111183
140-828D	111041	141-331	112243	142-186	110347	150-316	112030
140-828E	111041	141-331A	112243	142-187	110347	150-316A	112030
140-828G	111041	141-331C	112243	142-188	110347	150-317	111844
140-831	112267	141-350	111224	142-188A	110347	150-317A	111844
140-834	110604	141-350A	111224	142-194	110347	150-321A	112646
140-834A	110604	141-350D	111224	142-197	110347	150-321B	112646
140-834B	110604	141-351	111224	142-206B	112089	150-329	111374
140-834C	110604	141-351A	111224	142-211	112089	150-329A	111374
140-834D	110604	141-351B	111224	142-212	112089	150-329B	111374
140-836	110602	141-351D	111224	142-212H	112089	150-330A	111374
140-839	112660	141-351E	111224	142-213	112089	150-335	112235
140-840	111221	141-353	112169	142-218	112089	150-337	112340
140-840A	111221	141-353F	112169	142-219	110436	150-338	112608
140-840B	111221	141-392	112165	142-221	110436	150-351	113703
140-842	110472	141-400	111224	142-222	110436	150-355	112821
140-842A	110472	141-476	113827	142-222D	110436	150-355	115870
140-846	112268	141-703A	113550	142-225	110436	150-366	112821
140-846A	112268	142-035	111000	142-226	110436	150-366	115870
140-849	110590	142-037	112089	142-226D	110436	151-351B	111224
140-853	110590	142-043	110999	14223	110128	160-125	111863
140-853A	110590	142-047	112089	142-241	110999	160-130	111043
140-853D	110590	142-075	112089	142-241A	111000	160-130A	111043
140-853E	110590	142-095	112089	142-242	111000	160-132	110644
140-853J	110590	142-101	112089	142-244	111000	160-135	110648
140-854	112268	142-101B	112089	142-253	110347	160-137	111043
140-854A	112268	142-101D	112089	142-257	110999	160-138	110644
140-860	110590	142-101F	112089	142-258	110999	160-139	110649
140-860A	110590	142-101I	112089	142-261F	110999	160-141	110240
140-881	111760	142-102	112089	142-262	110999	160-141A	110240
140-891	111222	142-102B	112089	142-262F	110999	160-162	111043
140-891A	111222	142-102D	112089	142-268	110999	160-163	110636
140-903	112652	142-102F	112089	142-279	110436	160-164	111861
140-906	111222	142-106F	112089	142-295	110436	160-165	111043
140-908	112268	142-110	112089	142-295D	110436	160-168	110647
140-915	111221	142-111	112089	142-313B	111000	160-168	111000
140-917	111760	142-115	112089	142-317	110436	160-203	111000
140-918	111760	142-115D	112089	142-326	110436	160-321A	112130
140-919	111760	142-116	112089	142-332	110436	160-321B	112130
140-920	112267	142-121	110436	142-364	110436	160-3321B	112130
140-921	110602	142-121B	110436	142-368	112089	160-337	112249
140-922	112341	142-121D	110436	142-368H	112089	160-377	112249
140-923	112341	142-121F	110436	142-371	111000	160-524A	111043
140-924	110590	142-121J	110436	142-372D	110999	160-535	110647
140-925	112268	142-122	110436	142-605	111000	160-540	110645
140-926	111041	142-122B	110436	142-608	111000	160-541	110648
140-927	110604	142-125	110436	142-612A	112089	160-551	110649
140-932	112267	142-125H	110999	142-612B	112089	160-552	110649
140-933	110590	142-131	110436	142-618	112089	160-556	112130
140-934	112253	142-131B	110436	142-618	112089	160-807	112317
140-936	112668	142-132	110436	142-625	112089	160-809	112317
140-938	113435	142-132B	110436	142-627	110999	160-809A	112317
140-9849	110347	142-133	110436	142-679	112089	16211	110142
				142-693A	110436	170-251	112253

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
170-270	111221	182-144	112173	190-191A	110713	190-500A	110485
180-110	111102	182-146	111001	190-193	110323	190-501	110573
180-110A	111103	182-148	110522	190-199	110473	190-501B	110573
180-111	111102	182-150	110368	190-201	113725	190-502	110485
180-112	110336	182-154	110529	190-212	110389	190-505	110485
180-112A	110336	182-158	110524	190-214	111785	190-508	111087
180-118	110336	182-160	110529	190-216	111387	190-515	110260
180-126	110831	182-162	110525	190-218	111387	190-518	111189
180-126A	110831	182-170	110814	190-221	110713	190-524	110626
180-133	110336	182-176	110819	190-224	110713	190-531	113596
180-159	110440	182-178	110530	190-229	111544	190-533	111928
180-173	111865	182-184	110615	190-229B	111544	190-538	111765
180-240	111755	182-186	112249	190-229C	111544	190-541	112546
180-300D	110462	182-188	110536	190-229D	111544	190-544	113663
180-301	110462	182-192	112041	190-230	110396	190-545	111918
180-302	111573	182-194	111755	190-230A	110396	190-548	110940
180-302A	111573	182-202	110813	190-230B	110396	190-548A	110940
180-303	110462	182-206	110462	190-233	111310	190-556	110246
180-305	110819	182-208	112074	190-234	110260	190-560	111021
180-305B	110819	182-212	110818	190-234B	113109	190-560A	111021
180-306	111346	182-224	111332	190-234C	113108	190-561	110485
180-306A	111346	182-234	112135	190-235	110411	190-568	110962
180-307	112660	182-236	110527	190-235A	110411	190-569	110485
180-307B	112660	182-240	111755	190-235C	110411	190-569A	110485
180-308	110460	182-245	111909	190-240	110713	190-574	113696
180-308C	111346	182-246	112135	190-246	112214	190-575	110246
180-309	110565	182-248	112136	190-265A	111679	190-578	110940
180-310	110565	182-256A	110537	190-267	110713	190-581	110485
180-313	110615	182-260B	110523	190-275	111451	190-582	110485
180-313A	110615	182-272	112119	190-275A	111451	190-583	111021
180-313B	110615	182-278	110206	190-275B	111451	190-586	110356
180-313C	110615	182-298	112116	190-276	111451	190-587	110246
180-315	110462	182-759	114117	190-282	111464	190-593	111197
180-316	110460	185-199	112649	190-296	110720	190-6023	110447
180-319	110464	185-201	111020	190-301	110720	190-6031	113732
180-319A	110464	185-204	110656	190-301B	110720	190-6032	110397
180-335	110459	185-209	110656	190-301C	110720	190-6048	112544
180-335A	110459	185-209A	110656	190-302	110938	190-6128	112547
180-335B	110459	185-211	110580	190-306	110720	190-6131	113550
180-349	110565	185-212	110568	190-307	110940	190-6180	113681
180-349A	110565	185-216	111212	190-309	110245	190-757	111197
180-349B	110565	185-216A	111212	190-310	110720	190-774	113132
180-349C	110565	185-235	111212	190-311	110720	190-775	113725
180-349E	110565	185-253	110412	190-312	110356	190-787	110944
180-349F	110565	185-260	111254	190-313	110938	190-793	112489
180-352	110818	185-260A	111254	190-316	110447	190-796	110436
180-352B	110818	190-007	110396	190-316A	110447	190-798	110961
180-353	110442	190-011	110421	190-316B	110447	190-800	110627
180-358	110444	190-011A	110421	190-317	110940	190-801A	113725
180-359	112136	190-018	110154	190-318	110940	190-801B	113725
180-359A	112136	190-022	110152	190-336	113629	190-801D	113725
180-360	110439	190-022A	110152	190-354	111442	190-801F	113725
180-360A	110439	190-024	110152	190-354A	111442	190-801H	113725
180-360B	110439	190-024A	110152	190-358	110312	190801J	113725
180-361	110443	190-025	110152	190-358A	110312	190-801J	113725
180-362	110818	190-032	110158	190-363	111492	190-804	110961
180-363	111131	190-103	110249	190-363A	111492	190-810	113428
180-366	110438	190-112	110323	190-365	111764	190-813	110507
180-375	113670	190-113	110421	190-365A	113116	190-813E	112502
180-383	110465	190-114	110154	190-374B	110720	190-817	110581
180-383A	110465	190-114A	110154	190-382	111552	190-818	110941
180-385	110438	190-114B	110152	190-382A	111552	190-820	110580
180-387	111574	190-114D	110154	190-385	111492	190-830	110942
180-389	110442	190-115	110421	190-386	113402	190-830A	110942
180-389A	110442	190-117	110421	190-388	110356	190-832	110490
180-389D	110442	190-117A	110421	190-393D	112367	190-834	112036
182-104	110536	190-122	110323	190-405	113665	190-846	111224
182-105	110521	190-131	110149	190-405B	113649	190-850	111224
182-106	110529	190-139	111310	190-407	111550	190-854	111224
182-107	110439	190-139A	111310	190-422	110485	190-878	110999
182-110	110585	190-142	110245	190-425	111197	190-878A	110999
182-118	110518	190-143	110709	190-429	111622	190-885	111000
182-120	112555	190-148	110397	190-432	110447	190-895	110490
182-121	110565	190-149	110411	190-437	111021	190-9011	111224
182-124	112651	190-150	110411	190-460	111131	190-9016	111638
182-134	110517	190-152	110411	190-468	113630	191-000	111923
182-136	110367	190-153	110411	190-490	113681	191-009	113540
182-138	110530	190-159	110708	190-493	111915	191-010	111917
182-140	110813	190-189	113597	190-500	111683	191-011	112010

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
191-012	112011	203-347F	111285	204-208A	110448	208-455A	111075
191-013	112010	203-348	110927	204-213	112375	208-474A	111072
191-017	111917	203-348A	110927	204-232	112477	208-474B	111072
191-092	113541	203-349	110659	204-250	111267	208-474C	111072
191-110	113527	203-355	111342	204-251	110700	208-486	112756
191-111	111922	203-355A	111342	204-295	112671	208-501	112681
191-118	111927	203-359	110802	204-316	111381	208-505	112782
191-119	111921	203-359A	110802	204-316A	111381	208-557A	111153
191-121	111926	203-360	110802	204-319	111381	208-574	111478
191-125	111442	203-360A	110802	204-327	111515	208-575	112399
191-126	111442	203-361	112531	204-328	111186	208-581	112193
191-129	110312	203-362	110659	204-338	112970	208-583	112462
191-129A	110312	203-363	110632	204-340	110631	208-587	111093
191-143	110312	203-363A	110631	204-345	111264	208-588	112529
191-152	113398	203-365	111279	204-346	111266	208-589	111354
191-154	110312	203-365A	111279	204-347	111611	208-589A	112529
191-160	113398	203-366	111279	204-352	111266	208-590	111477
191-179	113821	203-366A	111279	204-352A	111266	208-590A	111477
191-292	113538	203-366C	111279	204-353A	111264	208-594	112687
191-304	113538	203-373	110664	204-354	110631	208-597	112529
191-343	113545	203-373A	110664	204-354A	110631	208-598	111946
199-112	110452	203-376A	111726	204-354B	110631	208-700	110048
199-114	110566	203-379B	111807	204-354C	110631	208-701	111397
199-116	110449	203-379C	111807	204-354E	110631	208-701A	111397
200-5005	112413	203-379D	111807	204-358	111264	208-701C	111397
202-100	111035	203-380	110804	204-369	111726	210-094	110408
202-101	110912	203-380A	110804	204-382	112002	210-114	110408
202-102	111035	203-383	111406	204-4016	113563	210-116	110408
202-103	110611	203-383A	111406	204-4030	111807	210-124	110408
202-110	112097	203-383B	111406	204-4034	113372	210-128	110177
202-112	111180	203-392	111342	205-204	112162	210-129	110177
202-116	110890	203-401	111807	205-5013	113792	210-130	110408
202-117	112768	203-403	111384	205-5013A	113792	210-130A	110408
202-120	112025	203-404	112067	208-120	110931	210-135	110408
202-128A	111036	203-417	113634	208-124A	111319	210-147	110408
202-145	113621	203-421	111315	208-132	111094	210-147A	110408
203-102	111042	203-443	111806	208-136	111658	210-147B	110408
203-109	110318	203-444	111530	208-142	111226	210-147C	110408
203-109A	110318	203-444A	111530	208-143B	112763	210-147D	110408
203-115	110134	203-444B	111530	208-145A	111288	210-147E	110408
203-116	110134	203-451	111787	208-151	111154	210-147F	110408
203-119	110136	203-461	111317	208-153	112735	210-148	110408
203-121	110811	203-467	111406	208-158A	111288	210-148A	110408
203-124	110128	203-5016	112328	208-159A	111154	210-156	110170
203-124A	110128	203-5020	111237	208-161	112735	210-163	110408
203-128	110134	203-5033	112327	208-162	111352	210-170	110422
203-129A	110318	203-5035	113652	208-163	111479	210-172	110422
203-134	111495	203-5036	113782	208-164	111353	210-174	110422
203-150	110128	203-5037	112328	208-166	112287	210-184	110177
203-152	110264	203-5050	112362	208-177	111720	210-194	110408
203-152B	112270	204-103	112112	208-185	111989	210-194A	110408
203-152R	112270	204-103A	112112	208-186	112002	210-212	110975
203-166	112270	204-110	110128	208-187	111078	210-214A	110877
203-167	113562	204-115	110168	208-196A	112728	210-215	110913
203-168	112069	204-116	110168	208-196B	111082	210-221	110975
203-169	110168	204-117	110264	208-196C	111082	210-223B	110913
203-264	111237	204-118	110168	208-380	113600	210-232	110176
203-264A	111237	204-119	110168	208-385	111948	210-246	111948
203-266	111832	204-120	110307	208-391	111948	210-247	112112
203-272	110448	204-123	110168	208-394	111226	210-248	112294
203-294	110631	204-124	110107	208-396	112183	210-249	110127
203-295	112068	204-130	110458	208-399	111658	210-257	110138
203-297	111375	204-130A	110458	208-400	113477	210-259	110175
203-297A	111375	204-135	110128	208-400A	113477	210-262	110175
203-302	111309	204-142	112270	208-401	111397	210-264	110175
203-302A	113657	204-142A	112270	208-401A	111397	210-266	110175
203-303	111309	204-142B	112270	208-401B	111397	210-268	110445
203-303A	111309	204-142C	112270	208-401D	110048	210-272	110176
203-304	111405	204-142D	112270	208-401E	111397	210-275	110173
203-308	113656	204-153	110267	208-402	111397	210-277	112112
203-329B	110662	204-154	110703	208-403	111397	210-280	110052
203-331	111376	204-157	112270	208-405	111355	210-281	110048
203-335A	112970	204-162	111692	208-406	111355	210-290	111948
203-337	112297	204-163	110134	208-409	111171	210-300	110937
203-340	110664	204-164	110107	208-417	112162	210-302	110937
203-347	111578	204-168	110697	208-422	111085	210-302B	110937
203-347C	111285	204-170	110694	208-433	112688	210-303	110176
203-347D	111285	204-194	110264	208-436	112679	210-304	110937
203-347E	111285	204-195	112270	208-445B	111075	210-308	110937

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
210-311	110937	220-198	111149	220-393A	110895	240-200-6	110233
210-312	110937	220-202	111686	220-397	110766	240-200-9	110233
210-316	110937	220-203A	112746	220-399	112097	240-201-3	110233
210-317	110173	220-204	111149	220-399A	112097	240-201-9	110505
210-318	110173	220-223	112777	220-402	111280	240-206	110233
210-323	110408	220-224	111094	220-402A	111280	240-206-3	110502
210-336	111575	220-224D	112735	220-406	112747	240-206-6	110233
210-339	111576	220-226	111288	220-413	112747	240-206-9	110233
210-343	110408	220-226D	112763	220-420	111180	240-207	110233
210-351	110371	220-228	112750	220-420A	111180	240-208-6	110233
210-357	112112	220-229	110913	220-423	111287	240-209	111250
210-372	110937	220-241	112693	220-431	111987	240-210	110505
210-373	110175	220-251	110913	220-433A	112453	240-210-3	110505
210-375	111761	220-256	112687	220-435	112765	240-211	110505
210-385	110408	220-261	112693	220-442	112757	240-211-3	110505
210-396	110937	220-262	112806	220-447	112771	240-213-6	110233
210-398	110937	220-265	112765	220-470	111656	240-214	110505
210-400	110487	220-272	111988	220-481	112775	240-215	110505
210-400A	110487	220-273	111353	220-482C	110113	240-216	110505
210-401	110488	220-274	111353	220-487	110360	240-217	110233
210-407	110488	220-275B	111991	220-5007	112193	240-217-3	110504
210-408	110487	220-275E	112709	220-5010	111895	240-218	110505
210-408B	110487	220-276	111353	220-5010A	111895	240-219	110505
210-408C	110487	220-276A	111477	220-5016	112194	240-220	110075
210-412	110487	220-277	112806	220-5016A	112539	240-222	110505
210-415	110408	220-277A	112806	220-5016B	112530	240-225	110075
210-417	110371	220-277B	112806	220-5017	112530	240-241	110235
210-417A	110371	220-279	111354	220-5017C	112530	240-241-3	110235
210-509	110173	220-280A	112194	220-5018	112530	240-241-6	110235
211-120	110075	220-281	112194	220-5020	111902	240-241-9	110235
220-021	112046	220-281A	112194	220-5021	111902	240-242	110235
220-074	112784	220-285	112557	220-5033	112193	240-242-3	110235
220-095	110358	220-288	112557	220-5042	111895	240-242-6	110235
220-101	110887	220-289	112557	220-5045	112557	240-242-9	110235
220-102	111153	220-290	110641	220-5047	112072	240-246	112448
220-105A	112729	220-294	111850	220-5050	112078	240-247	111713
220-108	110913	220-295	111369	220-5065	112197	240-247-6	111713
220-114	111035	220-295A	112529	220-5067	111629	240-250	110235
220-115	110887	220-295B	111369	220-5075	112426	240-252	110508
220-115A	110887	220-300	112803	220-5088B	111828	240-253	110505
220-119	110877	220-306	112557	220-5100	112075	240-256	110952
220-122	111147	220-310	111076	220-5101	113340	240-257	110505
220-122A	111147	220-312	111352	220-5102	112079	240-261	110952
220-126	110759	220-312A	111352	220-5103	111353	240-299	110508
220-128	111086	220-315	111479	220-5104	112402	240-299-3	110508
220-132	111148	220-315A	111479	220-5106A	111353	240-299-9	110508
220-134	111138	220-322	112345	220-5107	111820	240-300	110471
220-134D	111138	220-327	112806	220-5115	112193	240-300-3	110471
220-136	110759	220-329	111478	220-5121	112198	240-300-6	110508
220-138A	111086	220-343	111843	220-5124	112399	240-300-9	110471
220-140	110358	220-344	113716	220-5158	112159	240-301	110233
220-140A	110358	220-344A	111216	220-5161	111834	240-301-3	110505
220-140B	110923	220-345	111888	220-5180	112302	240-301-6	110508
220-144	110899	220-345A	111888	220-5201	112689	240-301-9	110508
220-144A	110899	220-347	112159	220-5239	112680	240-306-3	110471
220-146	112098	220-349	110105	220-5265	112720	240-306-9	110508
220-148	110358	220-350	111649	220-5277	112728	240-307-3	110471
220-150	111149	220-351	111649	220-5278	112728	240-307-9	110471
220-150A	111149	220-352	112742	220-5284	112744	240-308	110471
220-157	110911	220-353B	112098	220-5285	112756	240-308-3	110471
220-159	110360	220-356	110801	230-101	110074	240-308-6	110471
220-159C	110360	220-357	111419	230-102	110236	240-308-9	110471
220-165	111096	220-365	110591	230-102A	110236	240-309	110471
220-167	110919	220-366	110882	230-110	110236	240-309-3	110471
220-176	110881	220-366A	110890	230-110A	110236	240-309-9	110471
220-178A	112729	220-367	112493	230-111	110236	240-310	110471
220-179	111093	220-368	111834	230-112	110236	240-311-3	110471
220-179A	110923	220-369	110766	230-120	110514	240-315	110492
220-181	111154	220-369A	110766	230-125	110514	240-315-6	110492
220-187	110077	220-375	112773	230-125A	110514	240-316	110492
220-188	110641	220-377	110882	230-361A	112531	240-316-3	110492
220-188A	111662	220-378	112170	230-5061	111797	240-316-6	110492
220-189	112742	220-380	111141	230-5475	113904	240-316-9	110492
220-191	110358	220-385	110891	240-095	110075	240-321	110235
220-192	111085	220-387	112736	240-120	110075	240-4008C	112834
220-192B	112810	220-389	112747	240-120A	110075	240-4020	113579
220-195	112777	220-391	110890	240-122	110075	240-4021	113579
220-195A	112777	220-391A	110890	240-200	110233	240-4022	113579
220-195B	112777	220-393	112747	240-200-3	110233	240-4040	113694

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PIC Continued</b>							
240-5010.....	110502	240-5502.....	110724	240-865A.....	112160	250-409.....	112961
240-5018.....	110502	240-5504.....	111800	240-866.....	112160	250-410.....	112958
240-5030.....	110499	240-5510.....	110984	240-866A.....	112160	250-415.....	112958
240-503152.....	110500	240-5511.....	110724	240-866B.....	112160	250-415A.....	112958
240-5031A.....	110500	240-5512.....	110724	240-867.....	112160	250-416.....	112959
240-5032.....	112338	240-5518.....	110503	240-868.....	112992	250-416A.....	112959
240-5032A.....	112639	240-5522.....	110724	240-870.....	111232	250-802.....	110300
240-5033.....	110500	240-5550.....	112860	240-870A.....	111232	260-300.....	110427
240-5034.....	110500	240-5551.....	112860	240-872.....	111232	260-301.....	110427
240-5035.....	110500	240-6036.....	112338	240-872A.....	111232	260-5000.....	110664
240-503560.....	110500	240-6040.....	110985	240-874.....	111232	270-323.....	110937
240-503563.....	110500	240-6041.....	110500	240-874A.....	111232	270-419.....	110937
240-503564.....	110500	240-6137.....	112615	240-877B.....	111232	270-420.....	110937
240-503565.....	110500	240-6138.....	112615	240-880.....	111232	270-421.....	110937
240-503566.....	110500	240-6144.....	112868	240-883.....	111232	270-422.....	110937
240-5036.....	110500	240-6144A.....	112868	250-110.....	110237	270-423.....	110937
240-5036A.....	112639	240-6165.....	112614	250-110A.....	110237	270-425.....	110937
240-5037A.....	110500	240-6166.....	111223	250-110C.....	110237	270-434.....	110937
240-5037C.....	111711	240-6168.....	112613	250-110D.....	110237	270-435.....	110937
240-5039.....	110500	240-6172.....	111223	250-110E.....	110237	270-513.....	113713
240-503942.....	110500	240-6179.....	112665	250-116.....	110238	280-099.....	110178
240-5040.....	112338	240-6193.....	113498	250-117B.....	110238	280-100.....	111185
240-5041.....	110499	240-6195.....	113498	250-118.....	110238	280-101.....	110178
240-5042.....	110499	240-6196.....	111514	250-118A.....	110238	280-102.....	110178
240-504255.....	110499	240-6223.....	113777	250-118B.....	110238	280-102A.....	110969
240-504264.....	110499	240-6311.....	113694	250-118C.....	110238	280-103.....	111204
240-5043.....	111388	240-6312A.....	113692	250-121.....	112914	280-104.....	110179
240-504554.....	110499	240-6313.....	113685	250-121A.....	112914	280-104A.....	110179
240-504562.....	110499	240-6315.....	113691	250-121B.....	112914	280-106.....	111204
240-504564.....	110499	240-6319.....	113685	250-121C.....	112914	280-111.....	111185
240-5048.....	1110499	240-6410.....	112853	250-121D.....	110239	280-112.....	110179
240-5049.....	111388	240-6410A.....	112853	250-121E.....	112914	280-119.....	111184
240-5050.....	110498	240-6410B.....	112853	250-130.....	110239	280-127.....	110179
240-5055.....	110498	240-6415.....	112850	250-130A.....	110239	280-128.....	111289
240-5060.....	110498	240-6415A.....	112850	250-142.....	110641	280-134.....	111361
240-5074.....	111090	240-6415B.....	112850	250-150.....	112835	280-301.....	111948
240-507462.....	111090	240-6420.....	111426	250-150A.....	112835	280-303.....	111185
240-5075.....	111090	240-785.....	110591	250-150B.....	112835	280-306.....	110968
240-5085.....	110985	240-798.....	112265	250-150C.....	111252	280-306A.....	110770
240-5090.....	110985	240-802.....	110300	250-150D.....	112835	280-307.....	111363
240-5095.....	110985	240-803.....	110300	250-156.....	112835	280-307A.....	111363
240-5110.....	110986	240-806.....	110591	250-157.....	111252	280-308.....	111289
240-5115.....	110986	240-807.....	111261	250-157A.....	111252	280-309.....	111739
240-5123.....	111220	240-809.....	110937	250-158.....	112842	280-309A.....	111739
240-5126.....	111220	240-811.....	110937	250-158A.....	112842	280-310.....	111740
240-5127.....	111220	240-813.....	110937	250-203.....	111199	280-312.....	111364
240-5128.....	111220	240-815.....	110591	250-203A.....	111199	280-312A.....	111738
240-5130.....	112447	240-816.....	110591	250-206.....	112921	280-312C.....	111176
240-5132.....	112447	240-816A.....	110591	250-212.....	112931	280-313.....	110107
240-5137.....	111854	240-823.....	112261	250-213.....	112936	280-318.....	110107
240-5138.....	111854	240-825.....	112265	250-220.....	112927	280-325.....	112718
240-5140.....	110502	240-829.....	110937	250-225.....	112921	280-327.....	112722
240-5140A.....	110502	240-830.....	110937	250-234.....	112940	280-330.....	111740
240-5141.....	110984	240-834.....	112989	250-244.....	111200	280-331.....	111184
240-5144.....	110984	240-835.....	110801	250-245.....	111200	280-331A.....	111184
240-5147.....	110984	240-835A.....	110801	250-247.....	112946	280-332.....	111366
240-5148.....	110984	240-836.....	112989	250-247A.....	112946	280-333.....	110770
240-5149.....	110984	240-837.....	112993	250-253.....	112933	280-334.....	111366
240-514952.....	110984	240-837A.....	112993	250-254.....	112933	280-337.....	111355
240-514962.....	110984	240-837B.....	111232	250-255.....	112932	280-342.....	113683
240-5150.....	110984	240-840.....	111232	250-267.....	112936	280-347.....	112718
240-515052.....	110984	240-842.....	111232	250-268.....	112936	280-350.....	110891
240-5155.....	110503	240-844.....	111232	250-270.....	112942	280-579.....	112557
240-5158.....	110503	240-848.....	111232	250-270A.....	112942	282-108.....	110766
240-5159.....	110503	240-848A.....	111232	250-270B.....	112942	282-129.....	111086
240-5162.....	110984	240-849B.....	111232	250-272.....	112943	282-132.....	111662
240-5162A.....	110502	240-850C.....	112993	250-272A.....	112943	282-143.....	111833
240-5163.....	111090	240-850D.....	112993	250-273.....	112942	282-143A.....	111833
240-5234.....	110499	240-851.....	111232	250-275.....	112944	282-144.....	110113
240-5235A.....	110499	240-852.....	111232	250-275A.....	112944	282-148.....	111686
240-5236.....	111388	240-854.....	111232	250-280.....	112939	282-152.....	111686
240-5237.....	111388	240-858.....	113432	250-280A.....	112939	282-154.....	110890
240-5392.....	112893	240-858A.....	111232	250-283.....	112954	282-156.....	110641
240-5400.....	112880	240-859.....	111232	250-400.....	112947	282-157.....	111141
240-5415.....	112880	240-859A.....	111232	250-401.....	112949	282-160.....	111841
240-5457.....	112888	240-861.....	111232	250-405.....	112951	282-163.....	110766
240-5472.....	112886	240-862.....	111232	250-405A.....	112951	282-164.....	112097
240-5479.....	112884	240-864.....	111232	250-408.....	112956	282-170.....	112097
240-5489.....	112893	240-865.....	112160	250-408A.....	112956	282-172.....	110890

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
282-174	110882	290-245	110675	340-43	110505	901-103	110521
282-177	112098	290-249	111480	340-47	111388	901-106	110529
282-186	111528	290-251	110682	340-55	110233	901-111	110529
282-190	111888	290-251A	110682	340-73	110505	901-116	112289
282-208	112389	290-252	111705	340-85	110505	901-118	112289
282-224	112170	290-254	111705	340-94	110505	901-125	110312
282-234	111368	290-256C	111193	340-99	110505	901-188	110708
282-242	112343	290-257	111193	380-10	110484	901-190	110708
285-105	110562	290-257A	111193	380-11	110483	901-191	110708
285-108	110562	290-257B	111193	380-12	110483	901-213	110421
285-109	110562	290-275	111193	380-13	110482	901-236	110154
285-119	111051	290-275A	111193	380-15	110484	901-319	111561
290-080	110137	290-275B	111193	50-157A	111252	901-390	110367
290-093	110258	290-275D	111193	7111	110075	901-509	111068
290-101	110138	290-284	111435	900-001	111059	901-570	112249
290-102	111796	290-284A	111435	900-003	110212	901-579	110367
290-104	110248	290-286	111435	900-004	110213	901-581	110856
290-108	110138	290-288A	111435	900-014	110206	901-620	110440
290-108A	110137	290-291	112101	900-018	110512	901-627	110817
290-110	110137	290-302	111193	900-023	111217	901-635	110439
290-112	110138	290-305A	113077	900-030	110601	901-641	110461
290-112A	110138	290-306A	110496	900-091	111219	901-642	110461
290-112B	110138	290-307	111435	900-149	111637	901-655	111737
290-128	110137	290-307A	111435	900-236	110536	901-657	110459
290-130	110138	290-307B	111435	900-248	112135	901-685	110518
290-138	110563	290-311	112102	900-295	110520	901-692	110814
290-140	110258	290-312	110496	900-312	110524	901-693	110812
290-140A	111195	290-316	110679	900-316	110527	901-695	110312
290-140B	110258	290-317	112746	900-322	110527	901-697	110312
290-140D	110258	290-332	110682	900-382	111637	901-702	110421
290-143	111195	290-350	111965	900-428	111637	901-747	112742
290-171	110801	290-354A	111468	900-447	112074	901-777	112747
290-172	111261	290-355	111517	900-605	110512	901-786	110707
290-175	113856	290-358	111517	900-612	110537	901-801	110128
290-186	111018	290-358A	111517	900-615	110512	901-808A	110178
290-187	111017	290-363	111537	900-633	110856	901-809	110969
290-189	111830	290-366A	111579	900-634	110856	901-813	110179
290-193	111048	290-367	111579	900-644	111212	901-826	110179
290-193	113921	290-369	111285	900-645	111212	901-844	110136
290-194	111048	290-369A	111285	900-683	110386	901-879	110970
290-196	111048	290-386	111678	900-720	110144	901-890	110975
290-198	111048	290-386D	111678	900-800	110465	901-907	110877
290-198A	111048	290-387	111468	900-802	110465	901-919	110913
290-198B	111048	290-402	110445	900-810	110818	902-022	111072
290-199	111048	290-402A	110445	900-830	110439	902-071	110882
290-199	113921	290-405	111215	900-836	110460	902-086	111578
290-199A	111048	290-419	112252	900-837	111573	902-103	110881
290-199A	113921	290-437	111048	900-842	110565	902-123	112771
290-199B	113921	290-439	111048	900-843	110615	902-139	111364
290-202	111951	290-442	113715	900-848	110460	902-142	111364
290-203	111578	290-461	110563	900-853	110461	902-145	110770
290-204	110374	290-473	111261	900-854	110461	902-147	110770
290-205	110564	290-480	111507	900-869	110459	902-148	111362
290-206	110629	290-487	113433	900-911	110809	902-162	111138
290-207	111018	290-5016	111779	900-916	110578	902-172	111428
290-209	110620	290-5020	111779	900-924	111565	902-185	111428
290-212	110965	290-5044	111468	900-942	111475	902-214	111075
290-212A	110965	290-5068	113902	900-946	111310	902-218	111072
290-212B	110965	290-5112	113559	900-957	110315	902-220	111071
290-213	110927	290-5112A	113607	900-993	110292	902-221	111071
290-215	110927	290-5112C	113607	900-994	110277	902-230	111397
290-219	111705	290-5118	113803	901-018	110365	902-232	111397
290-219A	111705	290-5166	113921	901-029	110365	902-236	111686
290-219B	111705	290-5401	113903	901-045	110338	902-252	111010
290-221	111428	290-5475	113904	901-047	110365	902-254	112455
290-222	111428	293-11	110959	901-053	110352	902-282	110368
290-224	110496	293-12	110540	901-054	110352	902-293	110336
290-224A	110496	293-13	111710	901-055	110352	902-372	110998
290-227	110628	293-13A	111710	901-070	110352	902-373	110565
290-227A	110628	293-14	111710	901-077	110521	902-406	110210
290-228A	110496	293-18	110959	901-078	110518	902-413	110932
290-231	110496	293-18A	111710	901-079	110529	902-422	110205
290-231A	110496	320-13	111225	901-086	110813	902-457	110205
290-232	111428	320-14	111225	901-087	110814	902-500	110218
290-233	111578	340-07	110505	901-088	110517	902-702	110522
290-235	110682	340-111	110505	901-096	110814	902-800	112089
290-238A	111609	340-13	110505	901-097	110812	902-823	112089
290-240	110967	340-33	110505	901-100	110517	902-940	110347
290-240C	110967	340-38	110505	901-102	110521	902-976	110347

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO		
<b>PIC Continued</b>									
902-977	110347	905-676	110408	911-796	111189	03111-5021	112344		
903-136	110436	905-682	110408	920-088	111100	03112-7021	112502		
903-483	112243	905-709	110408	920-098	110212	37300-2W000	113903		
903-517	112255	905-719	110487	920-101	112159	37300-2W001	113903		
903-757	111131	905-720	110488	920-200	110856	<b>PRESTOLITE</b>			
903-811	111100	908-101	111171	920-205	110585	110-872	112159		
903-815	110364	908-102	111171	920-206	110793	111862	111862		
903-840	111003	910-108	110218	920-208	110585	11925115	110793		
903-850	111304	910-144	110218	940-360	110347	1277700	112343		
903-865	110412	910-156	110218	940-530	112165	40-259	111863		
903-866	110144	910-161	112897	940-531	112165	462415	111861		
903-867	110617	910-284	110347	940-532	111426	46-4157	112577		
903-881	110580	910-307	110814	940-534	111514	51-178	110427		
903-896	110154	910-323	111254	940-541	111426	51-212	110427		
903-898	110152	9104-203	112537	950-003	110226	66021636	110968		
903-907	110278	910-422	112270	960-635	112317	855694	111000		
903-919	110865	910-423	110264	960-667	112317	858320	110518		
903-926	111310	910-424	110264	960-670	112317	858884	112345		
903-957	111461	910-433	112270	960-678	112317	859232	110895		
903-979	110367	910-434	110168	960-684	112317	859327	111295		
903-980	110367	910-435	110168	980-005	110461	860053	110173		
903-998	110156	910-436	110168	980-006	110525	860141	112097		
904-001	110617	910-437	110168	980-007	110814	860305Z	111910		
904-036	111103	910-438	110168	983-001	113269	860507	111231		
904-045	110640	910-554	111339	983-004	110551	860541	111219		
904-057	111102	910-575	111042	<b>POLARIS</b>				860543	111218
904-097	110365	910-580	111653	3084403	113527	860551	111746		
904-106	110708	910-581	111653	3084981	113528	860557	111886		
904-107	110708	910-623	112097	3085393	113527	860561	112189		
904-118	110154	910-672	111428	3240110	112010	860616	113672		
904-124	110152	910-695	110179	3240281	112010	860616	115881		
904-125	110152	910-696	110179	3585393	113527	860650	112224		
904-197	112290	910-702	111035	4010675	112010	860705	111771		
904-276	110521	910-704	111176	4011979	115450	860715	114388		
904-278	110522	910-705	111176	4060118	112010	860804	114212		
904-294	110640	910-708	111368	<b>POONG SUNG</b>				860807	113351
904-331	110152	910-712	111754	02121-8025	112506	860808	113998		
904-333B	111100	910-713	111754	02121-8026	112506	860809	115618		
904-333F	111100	910-714	111364	02121-8027	112506	860813	114001		
904-377	110154	910-715	111362	02121-8070	112506	861035	112055		
904-484	111613	910-718	111740	02121-8071	112506	861095	110060		
904-486	110061	910-768	110913	02121-8072	112506	8AL2014F	110408		
904-487	110060	910-773	110887	02121-8073	112506	8AL2025F	110408		
904-829	110300	910-777	111072	02121-8074	113903	8AL2026F	110408		
904-862	110371	910-778	112728	02121-9020	114766	8SC3133U	110175		
904-863	111065	910-779	111082	02121-9021	114766	AELB697	110895		
904-989	112649	910-780	111082	02121-9022	114766	ANB6001	110427		
905-002	110911	910-795	110562	02131-9040	112334	ANB6002	110427		
905-039	110759	910-820	111565	02131-9110	113328	ANB6004	110427		
905-040	110759	910-831	110256	02131-9111	113328	ANB7001	110427		
905-052	111078	910-842	110386	02131-9112	113328	ANB7002	110427		
905-053	112719	910-904	110075	02131-9113	113328	ANB7003	110427		
905-054	111035	910-945	110075	02131-9130	114827	ANB7004	110427		
905-057	112719	910-951	110075	02131-9131	114827	ETK4102	111863		
905-060	111035	910-952	110075	02131-9153	115737	EVC4002	111864		
905-061	111036	910-992	110075	02131-9212	114287	FPOR4001	111861		
905-062	111078	911-010	110075	02131-9221	114662	JFZ2110A2	114374		
905-064	111035	911-020	110724	02131-9261	115409	M105R3507SE	113827		
905-066	111035	911-126	111082	02131-9262	115409	MBJ4201	112577		
905-068	110912	911-127	110882	02131-9310	113328	MBJ4202	112577		
905-069	112719	911-133	112270	02131-9311	113328	MBJ4209	112577		
905-071	111654	911-138	111314	02142-5070	114414	MBJ4402	112577		
905-076	111621	911-140	110307	03101-3030	111683	MBJ4407	112577		
905-082	111654	911-141	110168	03101-3031	111683	MBJ6201	112577		
905-085	111654	911-156	111071	03101-3050	110389	MBJ6202	112577		
905-086	111620	911-158	111397	03101-3051	110389	MBJ6304	112577		
905-088	111620	911-215	111705	03101-3170	113329	MCD4007	110647		
905-089	111654	911-228	110447	03101-3190	113329	MDF7024	112318		
905-092	111686	911-437	110445	03101-3210	113329	MDH4001	111043		
905-095	112719	911-449	111435	03101-3220	113329	MDH4002M	111043		
905-108	110975	911-614	110801	03111-4040	111065	MDH4102M	111043		
905-126	110913	911-621	110408	03111-4041	111065	MDW4002M	111043		
905-132	110173	911-624	110408	03111-4140	113327	MDW4204M	111043		
905-144	110175	911-632	110408	03111-4200	114762	MDX7047	112317		
905-161	110408	911-634	110408	03111-4240	114732	MDY6116	112317		
905-173	110408	911-641	110408	03111-4241	114732	MDY6139	112130		
905-284	110173	911-694	110205	03111-5020	112344	MDY7037	112317		
905-608	110371	911-723	112775					MDY7039	112317
905-609	110408	911-781	110152						

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MDY7040	112317	105.505.100	113943	125.508.060	111578	150.561.082	114443
MDY7054	112130	105.505.120	113336	125.509.060	111578	150.563.122	114183
MDY7055	112317	105.508.090	113536	125.512.070	111609	150.564.082	113797
MDY7061	112317	105.509.120	114829	125.513.070	111609	150.565.082	115977
MDY7066	112317	105.510.090	113536	125.513.090	111609	150.567.112	115626
MEO6005	112249	105.512.150	114083	125.517.095	115865	150.568.122	114778
MF7034	112317	105.513.090	114494	125.518.060	113954	150.569.132	110947
MFY4001	112317	105.514.065	114669	125.519.070	113035	150.570.082	114760
MFY4004	112317	110.502.092	111548	125.523.070	112349	150.571.142	114696
MFY4005	112317	110.503.092	111548	125.524.070	111285	150.577.112	115446
MFY7012	112317	110.504.092	111464	125.526.090	112073	150.587.112	116026
MFY6201I	110999	110.505.112	110473	125.528.100	114272	150.588.082	115743
MFY6201K	110999	110.506.092	111525	125.529.110	113433	150.592.082	115448
MFY6401K	110999	110.507.092	111088	125.530.080	114841	150.592.092	115448
MFY6401L	110999	110.509.082	112369	125.531.130	114208	150.594.082	113659
MFY6601I	110999	110.516.082	113208	125.537.070	113712	151.529.113	115751
MFY6601K	110999	115.002.040	110374	125.538.090	115661	155.520.070	113791
MGD4002A	111043	115.003.040	110138	125.546.090	115865	155.524.110	112327
MGD4002C	111043	115.501.040	111048	125.548.040	113997	155.526.110	115853
MGD4002M	111043	115.502.040	110374	125.549.075	114116	155.529.090	112418
MGD4007	110647	115.504.040	111437	125.569.120	114208	155.551.110	113782
MGD4007A	110647	115.506.040	113921	130.002.092	111906	155.556.070	115815
MGD4013	110647	115.509.070	115929	130.004.092	111055	155.570.070	113791
MGD4102A	111043	115.510.060	113306	130.005.092	110364	155.571.120	115926
MGD4102C	111043	115.512.040	114411	130.532.092	113276	155.576.080	115654
MGD4106	110240	115.513.050	111610	130.536.092	114482	155.577.090	115715
MGD4108	110648	115.515.040	111951	130.558.092	115575	155.577.110	115692
MGD4108A	110648	115.521.040	111048	130.561.123	115597	155.578.150	115632
MGD4110	110240	115.526.070	115929	130.562.092	115745	155.580.120	115760
MGD4113	110647	115.530.045	110374	130.563.113	115768	155.581.110	114827
MGD4115	110240	120.002.102	112145	130.565.102	115570	155.583.125	115927
MGL4001B	110648	120.004.102	110483	130.566.092	115395	155.584.090	115477
MGL4002	110636	120.006.090	112156	130.568.102	115719	155.587.070	115827
MGL4008	110644	120.007.003	112157	130.569.132	115830	155.591.090	113863
MGL4012	110649	120.010.003	112157	130.570.082	114871	155.594.090	114357
MGL4013	110636	120.011.083	110645	131.508.112	114420	155.598.110	115975
MGL4014	110636	120.012.093	110537	131.521.112	115802	155.604.105	112205
MGL4105	111861	120.013.093	110240	135.017.055	113793	155.809.065	111339
MGL4109	110644	120.014.103	110644	135.504.140	115861	155.911.070	115980
MHA7010	112130	120.016.092	110647	135.519.120	115619	156.006.050	114425
MHA7013	112130	120.018.002	113538	135.538.120	115308	160.008.092	110279
MHJ7003	112318	120.021.142	112246	135.539.140	114658	160.017.092	110332
MHJ7005	112318	120.024.142	113723	135.552.070	112673	160.537.122	113319
MHJ7024	112318	120.504.092	110312	135.556.050	115432	160.563.113	116085
MHX4001	112318	120.509.092	111442	135.565.035	114679	160.572.102	115341
MJL4002	110649	120.510.092	110312	135.566.100	114665	160.578.102	115949
MJL4002A	110649	120.511.092	112214	135.570.120	110178	160.579.092	111763
MJL4003B	110649	120.515.092	112217	135.571.070	114249	160.581.112	115727
MJL4005	110645	120.516.092	111442	135.573.090	115683	160.584.082	114761
MKW4001	110644	120.519.112	113361	135.574.100	115410	160.586.092	115426
MKW4005	110636	120.520.092	114816	135.575.120	115306	160.592.092	114875
MKW4006	110647	120.522.092	115637	135.576.120	115843	160.594.092	114032
MKW4007	111861	120.522.122	113732	135.580.100	114728	160.901.132	114329
MKW4008	110647	120.525.092	115554	135.581.100	114726	161.002.103	116041
MUE6102S	112311	120.526.092	113024	135.585.120	115583	161.522.103	114236
POA4001	110240	120.528.092	113024	135.586.120	115862	165.512.050	112069
POA4002	110240	120.529.092	113394	135.586.140	116022	165.536.090	115550
POB4001	111043	120.530.092	113630	135.588.120	115619	165.544.150	114803
POC4001	110644	120.533.092	115627	135.589.120	115846	165.573.070	115837
		120.534.092	114389	135.590.120	115583	165.580.070	115868
		120.536.092	115362	135.593.100	115526	165.595.110	231533
<b>PSH</b>		120.540.092	112217	135.594.100	114779	170.509.092	111552
015.002.065	110497	120.541.092	110249	135.602.100	113941	180.015.092	114867
016.001.055	110977	120.544.103	115406	135.814.070	113412	180.017.092	114182
100.506.113	112454	120.545.132	114855	136.006.050	115315	180.508.082	110394
100.510.122	115360	120.546.132	115525	136.025.020	113212	180.511.082	115538
100.511.103	115563	120.547.092	113629	136.502.050	115630	180.514.103	115444
105.001.065	111686	120.548.092	114226	140.534.112	115599	185.520.070	111279
105.003.065	110887	120.549.092	113821	140.536.103	115639	185.521.075	114247
105.004.055	111153	120.550.122	115687	145.549.100	115797	185.603.100	114207
105.007.055	110890	120.551.092	115327	145.553.100	114356	190.018.102	114419
105.008.085	112453	120.556.092	114389	145.557.090	115795	190.521.092	113171
105.009.055	111418	120.557.102	114375	150.009.102	114856	190.561.092	114889
105.009.055	115873	120.560.102	113821	150.505.102	110572	190.563.082	114125
105.010.055	112768	120.562.092	114389	150.515.112	113668	190.583.092	114851
105.012.055	110890	120.566.092	115598	150.517.092	113329	190.585.112	114853
105.503.100	111409	120.570.092	114137	150.539.092	113796	190.594.092	115723
105.504.105	113942	125.002.035	110138	150.549.082	114488	190.595.092	113757
105.505.090	113336	125.502.055	110927	150.559.082	114820	190.595.092	115594
105.505.090	113943						

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PSH Continued</b>							
190.598.102	114239	210.502.092	111400	300.913.132	115964	480.513.102	111911
190.902.102	115644	210.512.092	115940	300.914.153	116000	480.514.102	115998
190.903.092	114661	210.537.103	114689	300.916.133	115696	485.502.120	115835
190.904.092	114886	210.538.113	115335	300.922.132	115561	495.505.075	113720
190.905.092	115613	210.538.113	116059	300.924.122	115736	495.505.075	116064
195.503.060	110496	210.539.113	114689	300.925.133	115560	500.531.093	114321
195.504.050	110628	210.540.092	115398	300.929.132	115610	500.538.103	116024
195.505.132	113995	210.545.092	115574	305.411.190	113758	500.540.093	113935
195.507.080	111435	210.545.102	115574	305.512.090	111884	500.540.093	115501
195.524.070	111579	210.548.092	115562	305.513.120	112002	500.543.093	114020
195.532.100	115863	210.549.123	115558	305.513.120	114797	500.560.093	115399
195.533.080	111538	210.550.133	115999	305.524.140	113275	500.560.113	115399
195.540.090	115791	210.551.113	115962	305.525.090	112396	500.561.093	115400
195.544.090	111507	215.403.180	115473	305.525.140	113252	500.561.102	115400
195.545.070	112063	215.510.095	111947	305.529.120	111828	500.562.093	111332
195.546.120	115415	215.528.120	115677	305.531.150	113885	500.563.093	110519
195.557.100	113902	215.530.145	113871	305.532.090	114027	500.564.093	110522
195.567.090	115790	215.530.150	113871	305.536.090	116017	500.565.093	114833
195.568.130	114410	215.533.155	113858	305.560.090	113253	500.568.103	116024
195.568.150	115669	215.533.155	115976	305.562.150	115913	500.588.093	115312
195.572.130	114115	215.542.170	115923	305.570.180	115713	501.503.123	113984
195.582.090	114291	215.544.150	116012	305.572.140	115528	501.505.103	114196
195.599.080	114362	215.558.150	115860	305.581.150	113884	501.506.103	114196
195.909.090	114897	215.563.150	115834	305.594.140	115730	505.035.055	111654
195.910.080	114099	215.565.180	115581	305.597.180	114697	505.037.055	112719
195.918.080	114290	220.504.123	114460	305.598.140	115528	505.044.065	111686
195.927.100	114490	220.522.113	111125	305.904.140	115922	505.049.120	114450
195.928.090	114311	220.529.123	113926	305.907.140	115765	505.052.055	110912
195.928.100	114390	220.532.112	113959	305.911.180	115713	505.522.090	112190
195.932.090	114455	220.534.103	114460	305.922.140	115826	505.524.150	115955
195.932.100	115863	225.015.050	111841	305.939.140	114722	505.532.120	114706
195.936.100	115657	225.531.060	113250	361.503.103	114702	505.546.150	115452
195.936.120	115657	225.547.080	112469	400.024.142	113231	505.549.140	115718
195.937.090	114455	225.556.220	115582	400.053.002	112010	505.560.070	113718
195.939.080	114897	225.559.080	114707	400.078.102	113017	505.560.090	113535
195.940.080	114290	225.561.150	116061	400.080.162	110635	505.560.120	114706
195.940.090	114311	225.564.090	115546	400.082.152	113539	505.563.090	115668
195.941.100	114904	225.568.080	115474	400.085.102	113593	505.564.120	115384
195.942.080	112356	225.573.180	115739	400.090.090	110949	505.566.120	114706
195.942.130	114410	231.509.103	113356	400.093.142	113854	505.567.105	115852
195.943.100	114900	235.505.085	114412	400.094.102	112567	505.568.090	115647
195.945.090	114709	235.506.085	114350	400.507.092	114823	505.569.090	115647
195.948.100	114694	235.514.120	114235	400.513.092	114716	505.569.105	115620
195.949.100	115863	235.515.065	114114	400.515.092	115755	505.570.120	115667
195.968.060	112063	235.517.070	114114	400.516.093	114261	505.572.090	115622
195.970.100	114490	236.001.045	115690	405.001.011	113145	505.573.105	114451
195.977.080	114290	250.506.102	113937	405.002.011	113144	505.574.120	115457
195.983.050	114725	250.507.082	114443	405.003.011	113146	505.575.100	113955
195.994.100	114433	250.508.082	115758	405.004.011	113147	505.575.100	114801
195.998.100	114694	250.511.132	115729	425.502.110	114019	505.578.150	115458
196.507.060	116029	255.508.110	114287	425.502.110	116047	505.584.120	114706
200.525.093	115947	255.509.120	115587	425.504.045	115724	506.004.120	112302
200.528.092	115946	255.510.120	114662	425.801.105	114383	506.504.090	115602
200.529.092	115996	255.512.130	115737	440.504.132	115401	506.509.120	115799
200.530.102	115559	266.003.050	115994	440.505.133	115560	506.511.120	115798
200.530.102	116054	266.007.040	115633	445.004.070	110622	510.517.093	114475
200.531.102	115635	286.005.035	111009	445.504.110	115658	511.019.092	114478
200.532.092	115961	300.511.093	112286	450.506.122	113281	515.004.095	114783
200.535.102	115948	300.544.083	112388	450.512.153	115950	515.502.055	115970
200.536.093	115375	300.556.132	115941	450.517.092	115822	515.503.055	115971
200.537.112	115735	300.558.092	116039	450.520.092	115642	516.502.055	113738
200.538.132	115337	300.563.092	114723	450.525.103	115725	516.505.080	115381
200.538.133	115337	300.572.093	115744	450.526.114	114692	516.506.055	115899
200.541.133	115336	300.576.093	115542	450.527.114	114849	520.504.092	115344
200.543.102	115733	300.577.093	114690	450.530.112	115997	520.505.113	112496
200.543.112	115733	300.582.102	115611	450.531.103	115943	521.202.113	110208
200.544.112	115900	300.585.112	115311	450.535.092	115616	525.501.120	115833
200.547.133	115560	300.586.093	114775	450.540.093	115468	535.504.150	113949
200.549.102	115938	300.586.093	115502	455.506.130	115844	540.014.093	110506
200.552.132	115818	300.589.103	115338	455.508.120	114352	540.506.102	114399
205.521.150	115919	300.590.112	115612	455.512.120	115864	540.507.103	112660
205.522.140	115859	300.594.112	115638	455.527.180	115671	540.509.093	111752
205.522.150	115856	300.595.132	115402	455.530.150	115930	540.510.113	110818
205.529.150	114736	300.596.133	115336	470.505.092	115773	540.511.103	112267
205.534.150	115858	300.599.123	114299	475.504.120	114381	540.512.103	112267
205.539.140	114322	300.901.132	115539	475.507.140	115907	540.513.132	113725
205.541.180	115906	300.903.132	115402	475.511.140	114257	550.204.113	110409
205.545.140	115367	300.906.132	115338	480.505.092	115942	550.537.102	115939
205.560.150	115631	300.907.132	115645	480.508.092	114316	550.538.102	111851

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
550.541.112	114742	570.567.103	115357	635.008.120	113552	650.014.103	115536
550.541.132	114742	570.571.123	115624	635.011.075	114868	650.501.103	110565
550.542.122	114093	570.574.113	112295	635.014.070	110976	650.502.103	115721
550.543.102	116002	570.577.083	115842	635.015.120	115605	650.503.103	110819
550.545.102	114507	571.517.123	113673	635.504.200	114192	650.504.103	110565
550.546.122	114305	571.517.123	115882	635.505.060	115462	650.505.103	114387
550.553.132	115339	575.517.120	115317	635.509.090	114191	680.504.132	114860
550.560.102	115734	575.517.135	113993	635.511.150	113975	655.001.070	111355
550.563.123	114003	575.594.110	115655	635.512.200	113707	655.501.085	114840
550.566.092	115962	575.595.075	111937	635.513.090	114681	655.502.175	114698
550.567.082	114487	575.904.150	115704	635.514.020	115463	690.504.093	112390
550.568.132	115334	575.912.150	115920	635.515.150	113899	685.501.120	113621
550.569.132	114850	575.924.120	115921	640.018.103	112255	690.010.092	112547
550.570.093	110525	575.926.090	114879	640.019.103	111049	690.502.092	115697
550.573.102	115825	575.927.150	115813	640.020.103	113172	690.507.112	115329
550.578.132	115607	575.933.150	115356	640.024.103	111224	690.509.092	110447
550.579.132	115589	575.934.110	112457	640.026.103	111224	690.511.092	113307
550.583.102	116083	575.937.185	114826	640.039.103	113126	690.526.092	114333
550.586.102	115771	575.940.150	115431	640.041.113	112089	690.531.082	114485
550.902.092	112380	575.942.120	114463	640.042.113	112089	690.531.092	114485
550.902.092	115951	575.943.110	112457	640.046.123	112089	690.532.082	115322
551.004.113	113468	576.501.080	114809	640.517.093	110962	690.534.092	115423
551.028.113	113468	576.505.110	114880	640.518.102	115352	690.535.113	111001
551.033.103	110524	576.506.040	115454	640.519.092	111683	690.537.122	111300
551.104.093	110512	576.509.110	115481	640.521.103	115323	690.538.092	113893
551.105.113	110207	576.510.130	114846	640.524.123	114325	690.539.092	111197
551.215.110	115590	576.512.110	114407	640.525.112	114870	690.541.092	115378
551.230.093	113855	576.512.110	115878	640.527.123	115326	690.544.112	110940
551.237.123	113851	581.201.093	110210	640.528.112	115564	690.549.092	111021
551.237.123	115885	581.501.093	110520	640.537.103	114309	695.002.035	111195
551.509.113	112446	585.501.200	115682	641.026.113	131364	695.506.010	114516
551.510.113	113608	590.027.103	113125	641.027.123	111224	695.506.014	114516
551.514.123	114001	590.519.015	112235	641.034.123	112243	695.509.040	113921
551.525.133	114086	590.555.103	115391	641.036.123	112243	695.511.030	113921
551.525.133	115896	590.557.103	111906	641.039.113	112089	695.512.060	112721
551.535.123	115440	590.558.103	115405	641.042.123	115347	695.512.060	114251
551.536.123	115556	590.563.093	113962	641.506.103	114326	695.514.040	113742
551.536.123	115886	590.564.103	113905	641.508.133	115821	695.515.020	115691
551.542.113	115891	590.565.122	115986	641.510.102	114282	695.516.050	114219
555.013.055	110923	590.570.123	113703	641.511.103	114710	695.517.050	114263
555.514.150	115808	590.576.113	115684	641.516.103	112498	695.518.045	110374
555.526.090	111967	590.577.112	115555	641.520.103	114695	695.524.090	114256
555.536.115	112530	590.582.113	116050	641.521.103	114326	700.012.102	114748
555.553.220	115909	590.584.103	116049	641.522.113	115443	700.017.133	114730
555.557.150	115905	595.514.095	112151	641.523.123	113827	700.516.103	111793
555.559.180	115532	595.515.150	114724	641.527.103	111760	700.517.103	110615
555.568.150	114834	595.534.120	115789	641.528.103	111760	700.518.103	110443
555.569.120	114146	595.556.150	115417	645.011.095	115680	700.520.102	115991
555.580.220	115912	595.557.150	115750	645.015.150	113579	700.523.103	115389
555.598.180	114042	595.560.150	114805	645.019.115	112993	700.524.112	115565
555.599.180	115924	595.561.120	114866	645.021.130	115812	701.316.103	111097
555.902.180	115437	595.562.150	114898	645.023.040	111796	701.502.092	115325
555.908.180	115580	595.573.120	114757	645.025.090	110937	701.506.103	112670
555.909.150	115988	595.580.080	115659	645.031.105	115520	701.507.103	114397
555.936.090	113301	595.584.150	114724	645.036.060	112989	701.513.103	114702
556.020.140	110544	595.587.150	113849	645.503.055	114218	705.009.080	115777
556.040.100	112038	595.588.070	114129	645.506.090	114902	705.502.100	113529
556.501.150	115805	595.588.090	115762	645.508.120	114403	705.502.120	113529
556.503.055	113295	595.590.090	112654	645.509.100	114536	705.503.065	113763
556.504.100	113351	601.201.133	111003	645.509.130	114536	705.503.075	113763
556.508.080	114008	610.502.112	110530	645.509.145	114536	705.503.100	115742
556.511.150	115805	620.501.113	113153	645.509.160	114536	705.504.085	114384
556.514.150	115808	621.502.113	111000	645.511.060	114097	705.509.095	114772
556.525.080	113351	630.009.103	112442	645.513.080	114770	705.512.095	114081
560.011.092	113981	630.508.113	115572	646.001.060	112261	705.514.050	115436
565.012.060	114190	630.517.112	114275	646.003.050	112160	705.515.120	114896
565.502.070	113768	630.517.113	114275	646.014.050	115995	705.516.095	114772
565.502.120	114808	630.518.102	112546	646.023.095	115794	706.006.055	111295
565.502.175	114785	630.519.103	113429	646.024.065	114813	706.009.050	116023
566.005.035	115309	630.520.103	111041	646.024.095	115385	706.501.055	114714
570.529.093	114526	630.522.102	111755	646.033.065	112493	715.001.100	114787
570.537.093	114526	630.525.102	115314	646.036.150	114347	730.507.112	112173
570.538.123	113927	630.526.092	113596	646.038.075	114864	731.502.112	114398
570.548.103	114074	630.528.092	114674	646.040.140	115387	745.501.175	115343
570.559.113	115686	630.529.092	114486	646.042.040	110952	780.501.092	111304
570.560.093	115685	631.505.103	114824	646.047.075	110173	790.501.093	110640
570.562.123	115728	631.507.103	114712	646.503.090	114296	800.502.113	110545
570.564.114	115698	635.006.112	112062	650.011.103	114777	800.504.113	113901
570.565.123	115829	635.008.095	113552	650.013.123	112243	801.501.113	114266

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>PSH Continued</b>							
801.502.113	113484	835.572.100	116020	20404081	110813	112816	110808
806.501.060	115851	835.573.115	115925	20404082	113381	112847	114885
810.015.112	113705	835.584.210	115701	<b>REMY (DELCO)</b>			
810.101.093	110538	835.901.120	113069	00E091	112251	199903	111000
810.529.103	114746	835.904.100	112614	023	111656	219051	113458
810.531.122	115588	835.908.136	115936	026	111656	219053	112297
810.532.113	114818	835.914.124	112893	037	111656	219055	113457
810.534.123	110436	835.916.120	114511	048	111656	219072	112657
810.536.113	113550	835.919.140	115761	050	110972	219091	111708
810.538.112	116051	835.921.130	115679	051	111168	219137	113498
810.542.103	116053	845.503.120	115788	052	110972	219138	113349
811.011.112	114170	845.504.120	115787	059	111656	219139	113350
811.101.093	110601	845.507.120	115748	066	111168	219154	115690
811.213.093	113850	855.501.080	112191	067	110972	219170	114114
811.214.113	110207	880.001.092	112232	068	110972	219187	111846
811.512.112	115674	900.505.132	113995	070	111800	219199	113498
811.516.123	114872	901.004.093	111399	105	111166	219202	113349
811.516.123	115875	901.009.113	112055	106	111166	219235	114114
811.517.123	113827	901.018.113	113468	120	111169	219251	114114
811.519.113	114047	901.020.113	112581	121	111169	219292	114114
811.520.123	113830	901.501.123	114073	150	111055	219298	111708
811.520.123	115884	905.001.130	114359	163	110364	323436	111786
815.019.100	113631	906.007.055	111146	168	111055	390049	113457
815.506.100	112557	906.504.112	114314	169	111127	390050	113458
815.506.120	112557	906.506.110	115617	171	110364	390087	111647
815.516.172	115753	906.506.110	115618	172	111055	1100077	110300
815.516.180	115753	906.508.110	114314	173	111127	1100078	110591
815.518.160	115708	911.504.123	115439	174	111122	1100093	110300
815.519.150	115606	911.504.123	115876	177	111055	1100109	110233
815.524.115	113971	916.503.100	114753	188	111800	1100110	110233
815.526.075	114664	916.503.100	115498	208	111168	1100111	110233
815.529.150	115700	916.506.110	114753	214	112165	1100113	110233
815.532.180	115412	916.507.100	114861	215	112165	1100115	110233
815.533.150	114724	916.509.100	114382	220	111169	1100116	110233
815.538.150	115606	920.501.093	115515	225	112416	1100117	110233
816.004.060	111631	940.503.092	114332	239	111166	1100118	110505
816.020.175	110176	940.505.092	114747	244	112056	1100119	110233
816.501.100	114212	941.520.123	114396	273	112720	1100120	110233
816.503.080	114212	941.526.112	115954	384	111426	1100121	110233
816.506.100	114303	941.530.113	110656	409	111426	1100122	110233
816.507.080	114843	946.007.060	115445	454	111514	1100123	110505
816.508.150	116098	946.020.090	115534	455	111514	1100124	110233
816.509.080	114845	970.009.102	112247	456	112229	1100125	110233
816.510.110	114880	970.503.141	115740	604	111166	1100127	110505
825.001.095	112556	970.507.092	112233	606	111166	1100128	110233
830.016.092	110231	975.001.055	111710	619	111168	1100129	110233
830.019.102	112341	975.001.065	111710	620	111800	1100130	110233
830.020.092	110218	975.002.042	111250	621	111169	1100131	110233
830.549.113	113727	975.507.070	113691	639	111166	1100132	110233
830.562.103	114283	980.510.092	112676	641	112056	1100133	110233
830.574.093	114274	980.511.113	115981	706	111166	1100135	110233
830.579.103	115573	980.514.092	112291	706	112775	1100136	110233
830.593.132	111703	980.526.092	114891	714	111166	1100137	110233
830.599.102	115420	980.528.092	112371	716	111166	1100138	110233
830.902.102	111492	980.530.092	116016	717	112775	1100139	110233
830.910.112	112241	980.531.092	114213	719	111168	1100140	110233
830.928.102	116082	980.531.092	114253	739	111166	1100141	110233
835.008.105	110235	980.533.112	114281	741	112056	1100142	110233
835.014.105	110503	985.003.055	113793	791	112056	1100143	110233
835.026.100	112834	985.504.080	114262	814	111514	1100144	110233
835.038.055	110237	985.505.060	114209	823	111426	1100145	110235
835.040.105	111854	995.001.065	110488	824	111426	1100146	110233
835.042.140	112884	995.002.037	111216	847	112229	1100147	110233
835.044.074	110724	995.002.065	113716	848	112229	1100148	110233
835.047.100	112448	995.002.090	113716	855	111514	1100149	110233
835.053.070	110235	995.003.050	111075	914	111514	1100150	110233
835.054.120	112880	995.003.070	114084	922	112720	1100151	110505
835.508.075	111193	995.004.037	110487	923	111426	1100152	110233
835.513.105	112344	995.005.070	114084	947	112229	1100153	110233
835.519.150	114663	995.006.105	111761	955	111514	1100154	110233
835.520.150	114663	995.007.065	110371	110002	111709	1100155	110233
835.523.090	113600	995.009.065	113448	110397	111065	1100156	110233
835.527.180	114832	995.013.120	113716	110566	112365	1100157	110233
835.542.150	115527	996.001.075	110173	111018	110807	1100158	110233
835.548.136	115935	<b>REAL</b>		111089	110808	1100159	110505
835.565.110	114405	20401234	110206	111534	111805	1100162	110233
835.566.130	114534	20404077	110814	112161	112251	1100163	110233
835.566.160	114534			112473	111683	1100164	110233
835.568.085	111530					1100165	110505

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1100166	110233	1100274	110300	1100584	110505	1100694	110075
1100167	110233	1100275	110508	1100585	110505	1100695	110075
1100168	110233	1100276	110508	1100587	110505	1100696	110075
1100170	110505	1100280	110505	1100588	110233	1100697	110075
1100171	110505	1100281	110505	1100589	110504	1100698	110075
1100174	110233	1100282	110235	1100590	110075	1100699	110075
1100175	110233	1100284	110235	1100591	110075	1100700	110075
1100176	110233	1100287	110508	1100592	110233	1100701	110075
1100179	110233	1100288	110508	1100593	110233	1100702	110075
1100181	110233	1100289	110508	1100595	110233	1100703	110075
1100182	110233	1100290	110508	1100596	110233	1100704	110075
1100183	110235	1100291	110508	1100597	110233	1100705	110075
1100184	110235	1100292	110505	1100598	110505	1100706	110075
1100187	110235	1100294	110505	1100600	110075	1100707	110075
1100192	110235	1100296	110235	1100601	110075	1100708	110075
1100196	110233	1100297	110505	1100605	110075	1100709	110075
1100197	110233	1100298	110508	1100613	110075	1100710	110075
1100198	110505	1100299	110508	1100616	110075	1100711	110075
1100199	110233	1100300	110505	1100617	110075	1100713	110075
1100200	110508	1100374	110505	1100618	110075	1100714	110075
1100201	110233	1100419	110505	1100620	110075	1100719	110075
1100201	110505	1100422	110505	1100621	110075	1100720	110075
1100202	110233	1100438	110505	1100622	110075	1100724	110075
1100203	110233	1100441	110505	1100623	110075	1100725	110075
1100203	110505	1100444	110505	1100624	110075	1100726	110075
1100204	110233	1100481	110233	1100625	110075	1100727	110075
1100204	110505	1100485	110505	1100627	110075	1100728	110075
1100205	110508	1100486	110233	1100628	110075	1100729	110075
1100206	110508	1100487	110233	1100629	110075	1100730	110075
1100207	110508	1100490	110505	1100630	110075	1100731	110075
1100208	110508	1100491	110505	1100631	110075	1100733	110075
1100209	110508	1100492	110505	1100632	110075	1100734	110075
1100211	110300	1100493	110505	1100633	110075	1100736	110075
1100217	110508	1100494	110233	1100634	110075	1100737	110075
1100218	110233	1100495	110505	1100636	110075	1100738	110075
1100221	110233	1100496	110505	1100637	110075	1100739	110075
1100222	110233	1100497	110233	1100638	110075	1100740	110075
1100223	110235	1100498	110505	1100639	110075	1100741	110075
1100225	110233	1100533	110075	1100640	110075	1100742	110075
1100226	110233	1100542	110233	1100642	110075	1100744	110075
1100227	110233	1100543	110233	1100646	110075	1100745	110075
1100228	110233	1100544	110233	1100647	110075	1100750	110075
1100229	110233	1100545	110233	1100648	110075	1100752	110075
1100230	110233	1100546	110233	1100649	110075	1100755	110075
1100231	110233	1100547	110233	1100651	110075	1100758	110075
1100232	110233	1100548	110233	1100655	110075	1100759	110075
1100233	110233	1100549	110233	1100656	110075	1100760	110075
1100234	110233	1100550	110233	1100657	110075	1100761	110075
1100235	110233	1100551	110505	1100658	110075	1100762	110075
1100236	110233	1100552	110233	1100659	110075	1100763	110075
1100237	110508	1100553	110075	1100661	110075	1100764	110075
1100238	110233	1100556	110233	1100662	110075	1100765	110075
1100239	110508	1100557	110075	1100663	110075	1100767	110075
1100240	110508	1100558	110075	1100664	110075	1100768	110075
1100241	110508	1100559	110233	1100665	110075	1100769	110075
1100242	110508	1100560	110233	1100668	110075	1100770	110075
1100243	110508	1100561	110505	1100669	110075	1100771	110075
1100246	110508	1100562	110505	1100670	110075	1100772	110075
1100247	110508	1100563	110233	1100671	110075	1100774	110075
1100249	110508	1100564	110233	1100672	110075	1100775	110075
1100250	110508	1100565	110505	1100674	110075	1100777	110075
1100251	110508	1100566	110075	1100675	110075	1100778	110075
1100252	110508	1100567	110075	1100676	110075	1100779	110075
1100254	110508	1100568	110075	1100677	110075	1100780	110075
1100255	110508	1100569	110075	1100678	110075	1100781	110075
1100256	110233	1100570	110075	1100679	110075	1100782	110075
1100257	110508	1100571	110075	1100680	110075	1100784	110075
1100259	110508	1100572	110075	1100681	110075	1100787	110075
1100260	110508	1100573	110233	1100682	110075	1100788	110075
1100263	110508	1100574	110233	1100683	110075	1100789	110075
1100264	110508	1100575	110233	1100684	110075	1100790	110075
1100265	110508	1100576	111250	1100686	110075	1100791	110075
1100266	110508	1100577	111250	1100687	110075	1100793	110075
1100268	110233	1100578	110233	1100688	110075	1100794	110075
1100269	110508	1100579	110233	1100689	110075	1100795	110075
1100270	110508	1100580	110233	1100690	110075	1100796	110075
1100271	110235	1100581	110233	1100691	110075	1100797	110075
1100272	110508	1100582	110505	1100692	110075	1100798	110233
1100273	110508	1100583	110505	1100693	110075	1100799	110233

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
1100800	110233	1100903	110233	1101110	112640	1101443	110235
1100801	110233	1100904	110233	1101111	112640	1101444	110235
1100802	110075	1100905	110075	1101113	110492	1101445	110235
1100803	110075	1100906	110075	1101127	111090	1101448	110235
1100804	110075	1100907	110075	1101137	110498	1101449	110235
1100805	110075	1100908	110075	1101138	110498	1101461	110503
1100807	110075	1100909	110075	1101139	110499	1101483	110724
1100808	110075	1100910	110075	1101140	110499	1101484	110471
1100809	110075	1100911	110233	1101141	110498	1101518	112880
1100810	110075	1100912	111250	1101142	110499	1101551	111169
1100811	110075	1100914	111250	1101143	110499	1101571	110984
1100813	110075	1100915	111250	1101155	110505	1101582	112337
1100814	110075	1100916	110075	1101156	110508	1101583	110499
1100815	110075	1100917	110075	1101157	110471	1101593	110499
1100816	110075	1100919	110233	1101157	110508	1101595	110499
1100817	110075	1100920	110233	1101159	110505	1101596	110499
1100818	110075	1100921	110075	1101162	110499	1101599	112629
1100819	110075	1100922	110233	1101167	110986	1101600	112629
1100820	110075	1100923	110233	1101170	110986	1101601	111090
1100825	110233	1100924	110233	1101176	110724	1101605	110503
1100826	110505	1100925	110233	1101178	112448	1101612	111388
1100828	110075	1100926	110505	1101192	110505	1101620	112338
1100830	110233	1100927	110505	1101194	111713	1101628	112338
1100831	110505	1100928	110233	1101199	111800	1101629	112338
1100832	110233	1100929	110505	1101203	110505	1101632	112640
1100833	110505	1100930	110233	1101204	110952	1101633	112640
1100834	110075	1100930	110505	1101205	111713	1101634	110984
1100836	110075	1100931	110075	1101222	110505	1101635	110984
1100837	110075	1100932	110075	1101224	110492	1101636	110984
1100838	110075	1100933	110075	1101225	110235	1101644	111854
1100839	110075	1100934	110505	1101228	110508	1101645	112629
1100841	110075	1100935	110233	1101231	110499	1101646	112629
1100842	110075	1100936	110233	1101239	112880	1101647	112629
1100843	110075	1100937	110233	1101240	110471	1101694	111388
1100845	110075	1100939	110075	1101241	110471	1101696	111388
1100846	110075	1100940	110233	1101242	110471	1101697	111388
1100847	110075	1100943	110075	1101243	110471	1101700	110235
1100849	110075	1100944	110075	1101243	110505	1101806	110502
1100851	110075	1100946	110233	1101244	110471	1101810	110499
1100852	110233	1100947	110233	1101245	110471	1101814	110984
1100853	110233	1100948	110233	1101253	110985	1101822	110499
1100854	110233	1100949	110233	1101254	110985	1101832	111388
1100855	110233	1100950	110233	1101255	110985	1101843	111090
1100856	110075	1100951	110075	1101264	111090	1101846	111388
1100857	110075	1101020	112448	1101266	112447	1101924	110235
1100859	110233	1101037	110235	1101267	112447	1101925	110235
1100860	110075	1101038	110235	1101268	110508	1101951	113142
1100861	110233	1101039	110235	1101276	110508	1101986	113142
1100865	110233	1101040	110235	1101277	110499	1101987	111388
1100866	110075	1101041	110235	1101278	110499	1101998	113142
1100870	110075	1101042	110235	1101279	110508	1102188	110505
1100871	110075	1101044	110235	1101282	110505	1102210	110505
1100872	110233	1101045	110235	1101291	110724	1102228	110505
1100873	110233	1101049	110235	1101293	112338	1102287	110505
1100874	110233	1101050	112448	1101296	112880	1102311	110505
1100875	110075	1101059	112448	1101298	110471	1102329	110505
1100878	110075	1101066	110235	1101299	110471	1102337	110505
1100879	110075	1101067	110235	1101300	110471	1102343	110233
1100880	110505	1101071	110235	1101301	110471	1102344	110505
1100881	110233	1101072	110235	1101303	110508	1102345	110508
1100882	110233	1101074	110235	1101304	110471	1102346	110233
1100883	110075	1101075	110235	1101305	110471	1102347	110233
1100884	110233	1101078	110235	1101307	110508	1102349	110505
1100885	110075	1101080	110235	1101310	112636	1102350	110233
1100886	110075	1101081	110235	1101317	112338	1102351	110233
1100888	110075	1101082	110235	1101318	112338	1102352	110233
1100889	110075	1101083	110235	1101323	110235	1102353	110233
1100890	110233	1101084	110235	1101324	110471	1102354	110233
1100891	110075	1101085	110235	1101329	112880	1102355	110505
1100892	110075	1101086	110235	1101332	110471	1102356	110505
1100893	110075	1101087	110235	1101333	110508	1102358	110505
1100894	111250	1101088	110235	1101345	110508	1102359	110505
1100895	110075	1101091	112448	1101432	113143	1102361	110505
1100896	110075	1101093	110235	1101435	112448	1102362	110505
1100897	110233	1101094	110235	1101436	110235	1102363	110505
1100899	110233	1101095	110235	1101437	110235	1102364	110505
1100900	110233	1101097	110235	1101439	111713	1102367	110233
1100901	110233	1101098	110235	1101440	111713	1102368	110233
1100902	110233	1101109	112448	1101442	110235	1102369	110233

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1102370	110075	1102644	112447	1102933	110508	1103103	110233
1102375	110233	1102839	110233	1102935	110508	1103104	110505
1102375	110505	1102840	110233	1102936	110505	1103105	110233
1102376	110233	1102841	110233	1102937	110505	1103106	110233
1102380	110233	1102842	110233	1102938	110233	1103108	110233
1102381	110233	1102843	110233	1102940	110505	1103109	110505
1102382	110233	1102844	110233	1102941	110233	1103110	110233
1102382	110505	1102847	110505	1102942	110508	1103111	110233
1102383	110233	1102848	110233	1102944	110075	1103112	110233
1102384	110505	1102849	110233	1102945	110075	1103116	110505
1102385	110233	1102850	110505	1103031	110952	1103117	110233
1102386	110233	1102851	110233	1103033	110233	1103118	110505
1102387	110233	1102852	110233	1103033	110505	1103119	110233
1102388	110233	1102853	110233	1103034	110233	1103120	110233
1102389	110233	1102854	110233	1103035	110505	1103121	110233
1102390	110233	1102856	110233	1103036	110233	1103122	110233
1102391	110233	1102857	110233	1103037	110233	1103123	110952
1102392	110233	1102858	110233	1103039	110505	1103124	110505
1102393	111250	1102859	110233	1103040	110505	1103125	110505
1102394	110505	1102860	110233	1103041	110233	1103126	110505
1102395	110233	1102861	110505	1103042	110233	1103127	110505
1102397	110505	1102862	110233	1103043	110233	1103128	110505
1102399	110233	1102863	110233	1103044	110233	1103130	110505
1102400	110233	1102864	110233	1103045	110233	1103131	110505
1102455	110233	1102865	110233	1103046	110505	1103133	110505
1102457	110233	1102866	110505	1103047	110233	1103135	110505
1102460	110233	1102867	110505	1103048	110233	1103138	110505
1102461	110233	1102869	110233	1103049	110233	1103139	110505
1102462	110505	1102875	110504	1103050	110505	1103140	110233
1102465	110233	1102876	110505	1103051	110233	1103141	110505
1102466	110233	1102877	110505	1103052	110233	1103142	110233
1102467	110233	1102878	110233	1103053	110505	1103143	110233
1102468	110233	1102879	110505	1103054	110505	1103144	110505
1102469	110233	1102880	110233	1103055	110505	1103145	110233
1102471	110505	1102881	110505	1103056	110233	1103146	110233
1102472	110233	1102882	110233	1103057	110233	1103147	110233
1102473	110505	1102883	110233	1103058	110233	1103148	110505
1102474	110233	1102884	110233	1103059	110233	1103149	110505
1102475	110233	1102885	110233	1103060	110233	1103150	110505
1102476	110233	1102886	110233	1103061	110233	1103151	110505
1102477	110505	1102887	110505	1103062	110233	1103152	110505
1102478	110233	1102888	110233	1103063	110233	1103153	110233
1102479	110233	1102889	110233	1103064	110233	1103154	110505
1102480	110233	1102891	110233	1103065	110233	1103155	110233
1102481	110505	1102892	110233	1103066	110233	1103156	110233
1102482	110233	1102893	110233	1103067	110233	1103157	110233
1102483	110505	1102894	110233	1103068	110233	1103158	110505
1102484	110233	1102895	110233	1103069	110505	1103159	110505
1102485	110505	1102896	110505	1103070	110233	1103160	110505
1102486	110233	1102897	110233	1103071	110505	1103161	110233
1102487	110233	1102898	110505	1103072	110508	1103162	110505
1102488	110233	1102899	110233	1103073	110233	1103163	110233
1102489	110505	1102900	110505	1103074	110233	1103165	110505
1102490	110233	1102901	110233	1103075	110505	1103166	110505
1102491	110505	1102902	110233	1103076	110233	1103168	110233
1102492	110505	1102903	110233	1103078	110233	1103169	110233
1102493	110233	1102904	110233	1103078	110505	1103170	110233
1102494	110233	1102905	110233	1103079	110505	1103171	110505
1102495	110233	1102906	110233	1103082	110233	1103172	110505
1102496	111250	1102907	110508	1103083	110233	1103173	110505
1102497	110233	1102908	110233	1103084	110233	1103174	110505
1102498	110233	1102909	110233	1103085	110233	1103175	110505
1102499	110505	1102910	110233	1103086	110233	1103180	110508
1102500	110233	1102911	110233	1103087	110233	1103182	110233
1102548	110233	1102913	110233	1103088	110233	1103183	110505
1102549	110233	1102914	110233	1103089	110233	1103184	110505
1102550	110233	1102915	110233	1103090	110233	1103186	110233
1102551	111713	1102918	110952	1103091	110233	1103187	110505
1102578	110505	1102919	110952	1103092	110233	1103188	110505
1102581	110233	1102920	110505	1103093	110233	1103189	110508
1102593	110505	1102921	110505	1103094	110233	1103195	110233
1102600	110499	1102922	110505	1103095	110233	1103196	110505
1102601	110499	1102925	110505	1103096	110233	1103197	110233
1102607	111220	1102926	110505	1103097	110505	1103198	110233
1102614	110503	1102927	110505	1103098	110505	1103199	110233
1102615	110724	1102928	110505	1103099	110505	1105022	110508
1102629	110984	1102929	110505	1103100	110233	1105023	110508
1102630	110984	1102930	110505	1103101	110505	1105025	110508
1102631	110984	1102932	110505	1103102	110233	1105029	110508

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
1105033	110233	1105335	110235	1105542	110471	1105677	110502
1105034	110508	1105339	110235	1105543	110471	1105678	110502
1105036	110508	1105342	110235	1105544	110471	1105681	110492
1105041	110508	1105343	110235	1105545	110471	1105686	110505
1105043	110505	1105345	112448	1105547	110471	1105689	110984
1105044	110508	1105346	110235	1105549	110492	1105691	110508
1105045	110508	1105347	110235	1105552	110235	1105692	110508
1105046	110508	1105348	110233	1105553	110492	1105694	111388
1105047	110508	1105351	110505	1105555	110508	1105697	110503
1105048	110508	1105354	110492	1105556	110505	1105698	111388
1105049	110508	1105356	110492	1105558	110505	1105701	110503
1105050	110505	1105357	110505	1105559	110505	1105703	110508
1105056	110233	1105360	110233	1105560	111713	1105704	110508
1105058	110508	1105361	110505	1105561	110471	1105705	110508
1105059	110508	1105362	110505	1105562	110471	1105706	110508
1105060	110508	1105363	110505	1105564	110508	1105707	110508
1105066	110505	1105365	110233	1105565	110471	1105708	110508
1105067	110233	1105366	110492	1105566	110471	1105710	112337
1105068	110505	1105371	110508	1105567	110471	1105711	112629
1105069	110505	1105372	110508	1105568	110471	1105715	112629
1105070	110505	1105402	110471	1105569	110471	1107194	110506
1105072	110505	1105415	110235	1105570	110492	1107196	110218
1105073	110504	1105418	111713	1105571	110492	1107203	110469
1105074	110505	1105419	110505	1105572	110471	1107204	110506
1105075	110508	1105420	110505	1105573	110505	1107205	110506
1105078	110233	1105421	110505	1105574	110505	1107209	110491
1105079	110505	1105422	110505	1105576	110508	1107237	112897
1105080	110505	1105423	110505	1105577	112448	1107242	112897
1105081	110508	1105424	110505	1105579	111713	1107247	112897
1105082	110508	1105425	110508	1105580	110508	1107248	112897
1105083	110508	1105426	110508	1105581	110471	1107259	112897
1105084	110508	1105427	110505	1105582	110471	1107260	112897
1105085	110492	1105428	110471	1105584	110505	1107287	110506
1105091	110508	1105429	110505	1105587	110492	1107289	111258
1105092	110508	1105433	110235	1105588	110508	1107293	110218
1105098	110505	1105434	110505	1105590	110508	1107294	110218
1105160	110505	1105441	110471	1105591	110508	1107295	110506
1105161	110505	1105442	110471	1105592	110471	1107298	110218
1105162	110505	1105443	110471	1105594	110508	1107299	110218
1105163	110505	1105444	110471	1105597	110508	1107301	112897
1105164	110505	1105445	110471	1105599	110508	1107302	112897
1105165	110505	1105446	110471	1105600	110508	1107306	112897
1105166	110505	1105447	110471	1105602	110471	1107308	111190
1105167	110505	1105449	110471	1105603	110508	1107320	112897
1105168	110505	1105451	110492	1105604	110471	1107330	110218
1105169	110505	1105474	110300	1105607	110508	1107335	113172
1105170	110505	1105475	110300	1105608	110508	1107336	112897
1105171	110505	1105476	110300	1105609	111713	1107342	111258
1105172	110505	1105478	111250	1105610	110508	1107355	110218
1105173	110505	1105479	110492	1105611	110508	1107365	111258
1105174	110505	1105480	110471	1105619	110505	1107370	112897
1105175	110505	1105481	110492	1105620	110508	1107372	111258
1105176	110505	1105493	110471	1105621	110508	1107373	112897
1105177	110505	1105494	110508	1105623	110508	1107374	112897
1105178	110505	1105495	110471	1105624	110508	1107377	110468
1105181	110505	1105496	110471	1105627	110508	1107378	110468
1105182	110508	1105497	110492	1105628	110508	1107379	111190
1105183	110508	1105506	110471	1105629	110471	1107388	111258
1105185	110233	1105507	110471	1105630	110471	1107391	112897
1105186	110235	1105509	110492	1105632	110233	1107396	110218
1105188	110505	1105510	110952	1105633	110508	1107399	112897
1105189	110235	1105511	110508	1105634	110508	1107400	112897
1105193	110505	1105512	110235	1105635	110508	1107496	112897
1105195	110233	1105513	110492	1105637	112448	1107514	110590
1105196	110235	1105514	110505	1105639	110492	1107539	110590
1105197	110235	1105515	110492	1105645	110505	1107540	112268
1105198	110235	1105516	110508	1105647	110508	1107557	110472
1105199	110235	1105517	110508	1105649	110233	1107567	110604
1105200	110235	1105520	110505	1105650	110508	1107577	111221
1105243	110235	1105521	110508	1105651	110471	1107580	111041
1105244	110505	1105522	110505	1105652	110508	1107582	110472
1105245	110508	1105523	110508	1105653	110508	1107587	110604
1105246	110235	1105535	111713	1105654	110471	1107588	110602
1105249	110235	1105536	111713	1105657	112880	1107596	112897
1105250	110235	1105537	110952	1105661	110984	1107599	111221
1105328	110235	1105538	111713	1105673	110508	1107652	110218
1105330	110235	1105539	111713	1105674	110508	1107655	111260
1105332	110235	1105540	111713	1105675	110508	1107681	111260
1105333	110235	1105541	110471	1105676	110508	1107709	112233

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1107710	112233	1108517	110218	1109289	110347	1109789	110347
1107711	111258	1108519	110218	1109290	110347	1109791	110347
1107781	110216	1108520	111258	1109291	110347	1109798	110347
1107862	112660	1108521	112897	1109292	110347	1109831	110999
1107863	111221	1108597	112897	1109293	110347	1109833	110347
1107867	112660	1108692	110602	1109296	110347	1109834	110347
1107871	111221	1108745	110216	1109298	110999	1109836	110347
1107872	110590	1108746	110216	1109356	112233	1109838	110347
1108026	110218	1108747	110216	1109358	112233	1109839	110347
1108197	110468	1108748	110216	1109364	112897	1109840	110347
1108224	110218	1108755	111277	1109365	112897	1109841	110347
1108225	110218	1108756	111277	1109369	112232	1109842	110347
1108226	110218	1108758	110218	1109385	110347	1109845	110347
1108278	112233	1108759	110218	1109415	112897	1109846	110347
1108282	111258	1108762	112897	1109418	113172	1109861	111000
1108286	111258	1108765	110218	1109420	112007	1109960	110347
1108331	112897	1108766	110218	1109422	111190	1109961	110347
1108333	110218	1108770	112897	1109423	113172	1109965	110347
1108335	110218	1108774	112897	1109430	111259	1109971	110347
1108338	111258	1108775	111258	1109431	110218	1109972	110347
1108348	110218	1108776	111034	1109439	111049	1109973	110347
1108349	110218	1108777	112897	1109446	111260	1109977	110347
1108350	111258	1108778	110216	1109482	110216	1109978	110347
1108351	112897	1108779	110216	1109484	112233	1109979	110347
1108353	110218	1108780	110216	1109485	112232	1109986	110347
1108361	112897	1108781	110216	1109486	111277	1109987	110347
1108363	112897	1108782	110216	1109487	111277	1113248	112668
1108365	112897	1108783	111258	1109488	111277	1113266	112341
1108366	112897	1108788	111258	1109489	111277	1113267	112341
1108367	112897	1108790	112897	1109490	111277	1113269	112341
1108371	112897	1108794	110218	1109494	110347	1113270	112341
1108373	112233	1108795	110216	1109521	110414	1113271	111221
1108374	112232	1108796	110216	1109524	110414	1113273	110602
1108375	112897	1108797	112897	1109526	110221	1113274	112268
1108380	112897	1108798	110216	1109527	110414	1113275	111041
1108382	111258	1108799	111258	1109530	110221	1113276	112267
1108383	110218	1108857	111000	1109534	110414	1113277	111760
1108386	110218	1108918	110216	1109538	110221	1113278	111041
1108387	110218	1109022	110218	1109540	111222	1113279	110604
1108389	110218	1109025	110216	1109550	111041	1113280	110604
1108391	112897	1109026	110218	1109553	110347	1113281	110590
1108400	111258	1109029	111258	1109560	110221	1113282	110590
1108418	111258	1109036	110216	1109563	112341	1113284	112668
1108421	110469	1109038	112897	1109564	112911	1113285	111383
1108422	110506	1109052	110216	1109568	111259	1113288	111222
1108423	110506	1109056	110216	1109597	112897	1113290	112268
1108425	111258	1109057	110216	1109625	113384	1113291	111760
1108427	110216	1109059	111258	1109627	113384	1113292	112267
1108428	110216	1109061	112897	1109631	110347	1113295	112341
1108429	110216	1109062	110216	1109636	110347	1113296	112341
1108430	110216	1109064	111034	1109638	110347	1113353	112243
1108434	110218	1109065	110216	1109642	110347	1113370	112243
1108435	110218	1109066	110216	1109643	110347	1113371	112243
1108436	110218	1109067	111258	1109647	110347	1113402	111224
1108439	112897	1109068	110216	1109649	110347	1113403	112243
1108443	113172	1109072	110218	1109661	110347	1113436	112243
1108445	110218	1109074	111258	1109702	111000	1113479	112243
1108446	110218	1109087	111190	1109704	111000	1113481	112243
1108448	112897	1109088	111190	1109723	111000	1113488	110436
1108450	111258	1109090	110468	1109745	111000	1113494	112243
1108477	112897	1109091	110468	1109755	110347	1113510	110241
1108479	112897	1109093	110469	1109759	110347	1113518	110241
1108480	110216	1109095	110506	1109760	111000	1113534	112243
1108481	110216	1109098	110491	1109762	111000	1113535	112243
1108493	113172	1109192	110590	1109765	111000	1113536	112243
1108495	110218	1109219	112341	1109768	110347	1113541	112243
1108496	112897	1109222	110347	1109769	113384	1113552	110241
1108498	110218	1109251	111221	1109771	110347	1113553	110241
1108500	110218	1109253	110590	1109772	110347	1113569	110241
1108501	110216	1109261	110590	1109773	110347	1113577	110241
1108502	110216	1109263	110590	1109774	110347	1113589	112341
1108503	112897	1109272	110604	1109775	110347	1113590	112341
1108505	110491	1109276	113384	1109776	110347	1113591	113435
1108506	112897	1109281	113384	1109777	110347	1113593	112267
1108508	111190	1109282	113384	1109778	110347	1113594	111760
1108511	111259	1109285	110347	1109780	110347	1113597	112268
1108512	112897	1109286	110347	1109782	110347	1113640	111224
1108513	110216	1109287	110347	1109787	110347	1113641	111224
1108516	110218	1109288	110347	1109788	110347	1113644	111224

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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
1113645	112089	1113900	111000	1114058	112089	1114703	110436
1113650	111224	1113901	110999	1114064	112089	1114704	110436
1113651	111224	1113902	111000	1114067	112089	1114705	110436
1113652	110569	1113903	111000	1114072	112089	1114706	110999
1113653	111224	1113904	110999	1114073	112089	1114708	110436
1113656	111224	1113905	111000	1114074	112089	1114710	111000
1113672	111224	1113906	111000	1114076	112089	1114711	110999
1113676	111224	1113908	111000	1114078	112089	1114712	110999
1113683	110569	1113910	110999	1114081	112089	1114714	110436
1113706	111000	1113911	111000	1114082	112089	1114715	111000
1113707	111000	1113912	111000	1114084	112089	1114716	112089
1113708	111000	1113913	111000	1114085	112089	1114720	112089
1113709	111000	1113914	111000	1114086	112089	1114722	112089
1113710	111000	1113915	111000	1114087	112089	1114723	112089
1113713	111000	1113916	111000	1114088	112089	1114724	110436
1113717	111000	1113919	110999	1114090	112089	1114725	112089
1113726	111000	1113920	111000	1114091	112089	1114726	112089
1113738	111000	1113923	110999	1114092	112089	1114727	111000
1113739	111000	1113924	111000	1114095	112089	1114728	111000
1113741	111000	1113925	111000	1114096	112089	1114729	110999
1113745	111000	1113926	111000	1114098	112089	1114730	111000
1113748	111000	1113928	110999	1114099	112089	1114735	110999
1113749	111000	1113929	111000	1114102	112089	1114737	111000
1113778	111000	1113930	110999	1114107	112089	1114738	111000
1113781	111000	1113934	110999	1114109	110436	1114740	110999
1113783	111000	1113935	111000	1114110	110436	1114741	112089
1113792	111000	1113941	111000	1114111	112089	1114742	110999
1113800	111000	1113942	110999	1114113	112089	1114747	112089
1113809	111000	1113943	110999	1114114	110436	1114748	110436
1113811	110999	1113944	111000	1114115	112089	1114749	112089
1113813	111000	1113948	111000	1114118	112089	1114750	112089
1113814	111000	1113949	110999	1114119	112089	1114751	112089
1113815	111000	1113950	110999	1114122	112089	1114752	112089
1113817	110999	1113951	111000	1114124	112089	1114754	110436
1113818	111000	1113952	111000	1114126	112089	1114755	111000
1113820	111000	1113955	111000	1114127	110436	1114756	111000
1113823	111000	1113956	111000	1114128	112089	1114759	110999
1113824	111000	1113957	111000	1114129	110436	1114760	111000
1113825	111000	1113958	111000	1114130	112089	1114761	112089
1113827	110999	1113959	110999	1114131	112089	1114762	111000
1113828	111000	1113960	110999	1114133	112089	1114766	112089
1113831	111000	1113962	110999	1114136	110436	1114767	110999
1113834	111000	1113965	111000	1114138	110436	1114769	112089
1113835	111000	1113966	111000	1114139	110436	1114776	111000
1113836	111000	1113967	110999	1114140	112089	1114777	110999
1113840	110999	1113968	111000	1114141	110436	1114781	111000
1113842	111000	1113969	110999	1114143	112089	1114790	111000
1113844	111000	1113970	111000	1114144	110436	1114791	112089
1113845	111000	1113971	111000	1114145	112089	1114793	110999
1113846	111000	1113972	111000	1114148	112089	1114799	112089
1113847	111000	1113973	111000	1114149	112089	1114802	110436
1113849	111000	1113975	111000	1114150	112089	1114805	110999
1113850	111000	1113976	111000	1114151	110436	1114812	112089
1113851	111000	1113977	111000	1114152	110436	1114813	112089
1113853	110999	1113978	111000	1114153	110436	1114814	112089
1113855	111000	1113980	111000	1114156	110436	1114815	112089
1113858	111000	1113981	111000	1114157	112089	1114816	112089
1113859	111000	1113982	110999	1114158	110436	1114819	110347
1113860	111000	1113983	111000	1114162	110436	1114820	112089
1113861	111000	1113989	111000	1114164	112089	1114823	110436
1113862	111000	1113990	110999	1114165	112089	1114824	110436
1113866	111000	1113991	111000	1114167	110436	1114825	110436
1113868	111000	1113992	110999	1114169	110436	1114826	110436
1113872	111000	1113993	110999	1114170	112089	1114827	110436
1113876	111000	1113994	111000	1114172	112089	1114828	110436
1113877	111000	1113995	111000	1114174	110436	1114832	110436
1113878	111000	1113997	111000	1114175	110436	1114833	110436
1113880	111000	1113998	110999	1114179	112089	1114834	110436
1113883	111000	1113999	111000	1114180	112089	1114835	110436
1113884	111000	1114002	112089	1114185	112089	1114842	111000
1113885	111000	1114009	112089	1114186	112089	1114843	110999
1113887	111000	1114012	112089	1114187	112089	1114844	111000
1113890	111000	1114022	112089	1114188	112089	1114845	110999
1113892	111000	1114025	112089	1114189	112089	1114846	111000
1113893	111000	1114041	112089	1114190	110436	1114847	111000
1113894	111000	1114051	112089	1114193	112089	1114848	111000
1113895	111000	1114054	112089	1114194	112089	1114849	111000
1113898	111000	1114055	112089	1114197	112089	1114850	111000
1113899	111000	1114056	112089	1114199	110436	1114851	111000

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1114852	111000	1117229	111261	1117933	113432	1990300	110436
1114853	111000	1117230	111261	1117934	112995	1990304	110436
1114854	111000	1117236	111261	1117941	112996	1990306	112089
1114855	111000	1117238	110591	1117942	111232	1990309	111224
1114856	110999	1117239	111261	1117943	112996	1990310	112255
1114859	110999	1117243	111261	1117947	111232	1990313	112255
1114860	110999	1117248	111261	1117948	113432	1990315	111224
1114862	110999	1117249	110591	1117949	111232	1990316	112255
1114872	110999	1117250	111261	1117950	111232	1990317	112255
1114873	111000	1117252	111834	1117951	111232	1990318	111224
1114874	111000	1117253	111261	1117952	113432	1990319	112255
1114875	111000	1117256	110591	1117953	111232	1990323	112089
1114878	111000	1117258	111261	1117954	111232	1990324	110999
1114879	111000	1117611	112989	1117955	111232	1990325	110436
1114880	111000	1117612	112989	1117956	111232	1990326	111224
1114882	110436	1117613	112989	1117957	112993	1990330	112243
1114883	110436	1117615	110801	1117958	112993	1990332	112243
1114885	110436	1117618	112989	1117959	112993	1990333	113384
1114888	110436	1117619	110801	1117961	112996	1990337	112089
1114889	112089	1117620	112989	1117962	112993	1990343	110999
1114890	112089	1117621	112989	1117963	112995	1990344	111000
1114891	112089	1117622	110801	1117964	112995	1990347	113125
1114892	112089	1117623	110801	1117965	111232	1990348	112089
1114893	112089	1117628	112989	1117966	111232	1990349	112089
1114894	112089	1117640	110801	1876552	111258	1990352	112089
1114895	112089	1117641	112989	1955603	110216	1990353	110436
1114896	112089	1117642	110801	1970445	111258	1990354	112089
1114897	112089	1117643	110801	1972724	112448	1990355	113153
1114898	112089	1117644	110801	1979857	110508	1990356	110436
1114899	112089	1117645	110801	1979858	110508	1990357	110999
1114900	112089	1117647	110801	1979859	110508	1990358	112089
1114901	111000	1117648	110591	1979860	110233	1990359	110999
1114903	111000	1117650	110801	1979861	110233	1990360	110999
1114905	110999	1117655	110801	1979862	110233	1990361	111000
1114906	112089	1117734	112261	1979863	110233	1990362	110436
1114907	112089	1117735	110937	1979865	110233	1990363	112089
1114909	111000	1117743	110937	1979866	110233	1990364	110999
1114910	110999	1117746	112261	1979867	110233	1990366	110999
1114911	110436	1117805	112261	1988430	110221	1990367	111000
1114913	112089	1117817	112265	1988723	110221	1990368	111000
1114914	110999	1117826	112261	1990202	111000	1990369	110436
1114915	111000	1117828	112265	1990204	110999	1990370	110436
1114916	111000	1117831	112261	1990205	110436	1990372	112089
1114917	110999	1117834	112261	1990219	110436	1990373	110999
1114923	111000	1117836	112265	1990220	110436	1990374	110436
1114928	112089	1117838	112261	1990221	110436	1990375	112089
1114935	111000	1117846	112261	1990224	112089	1990376	112089
1114937	112089	1117880	111232	1990226	113384	1990378	111000
1114941	112089	1117885	112994	1990229	110347	1990379	110436
1114945	110999	1117886	112994	1990231	110347	1990382	111000
1114946	112089	1117887	112994	1990235	110347	1990383	111000
1114947	111000	1117889	112993	1990237	110347	1990384	111000
1114949	110999	1117890	112994	1990239	110347	1990385	110436
1114950	111000	1117891	112996	1990246	113384	1990386	112089
1114951	111000	1117892	112994	1990248	110347	1990387	110436
1114953	110999	1117894	111232	1990249	110347	1990388	111000
1114958	111000	1117897	112160	1990250	110347	1990390	111000
1114961	112089	1117898	112996	1990251	110347	1990391	113153
1114963	111000	1117900	112160	1990259	110347	1990393	113153
1114964	111000	1117905	112994	1990260	110347	1990394	110436
1114967	110436	1117906	111232	1990262	110347	1990398	112089
1114968	110999	1117907	111232	1990263	110347	1990399	110436
1114970	111000	1117909	112995	1990264	110347	1990400	112089
1114971	112089	1117910	112995	1990266	110347	1990402	110999
1114977	110436	1117911	111232	1990268	110347	1990403	110436
1114978	112089	1117912	111232	1990269	110347	1990409	111000
1114979	111000	1117914	112993	1990270	110347	1990410	111000
1114980	110999	1117915	112992	1990271	110347	1990411	111000
1114983	112089	1117916	113432	1990272	110347	1990412	111000
1114984	112089	1117917	112995	1990273	110347	1990413	110999
1114985	112089	1117919	112995	1990274	110347	1990414	110999
1114987	111000	1117920	112995	1990276	110347	1990416	111000
1114989	110999	1117921	112995	1990279	111000	1990418	111000
1117069	110591	1117922	112995	1990281	110436	1990420	112089
1117147	110937	1117923	112995	1990282	111000	1990421	113153
1117148	110937	1117924	113432	1990283	110999	1990422	111000
1117160	110937	1117925	111232	1990284	110347	1990423	112089
1117164	110937	1117929	111232	1990290	110436	1990424	112089
1117226	111261	1117931	111232	1990297	110999	1990425	110436

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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
1990426	113153	1993815	110999	1998336	111041	1998576	111049
1990428	113153	1993816	112089	1998337	110472	1998577	112897
1990429	110436	1993819	112255	1998338	110604	1998579	110218
1990432	110999	1993820	110436	1998339	110602	1998580	111277
1990433	110999	1993831	113695	1998340	112268	1998583	110216
1990437	111000	1993833	110999	1998342	110590	1998584	110216
1990441	110436	1993836	113153	1998350	112268	1998589	110216
1990443	110436	1993840	110347	1998357	112268	1998590	110216
1990452	110436	1993842	111000	1998359	110590	1998591	112897
1990453	110999	1993854	113125	1998373	112268	1998599	112233
1990455	110999	1993856	112089	1998376	110590	2191166	111647
1990456	111000	1993869	112255	1998378	110604	3182972	110509
1990457	110999	1993871	112255	1998383	111041	3471143	110364
1990458	112089	1993874	112255	1998387	111041	3471150	111055
1990460	111000	1993879	114325	1998389	111222	3471163	110364
1990466	110436	1993881	111224	1998394	110604	3471168	111055
1990468	112089	1993886	111224	1998396	112897	3471169	111127
1990469	110436	1993894	111224	1998400	112897	3471170	111122
1990470	112089	1993901	112243	1998401	112341	3471171	110364
1990471	110436	1993902	112243	1998404	112233	3471172	111055
1990474	110999	1993903	112169	1998405	112232	3471173	111127
1990475	112089	1993909	112243	1998408	112267	3471174	111122
1990476	110436	1993910	112243	1998409	110604	3471177	111055
1990477	112089	1993918	113695	1998421	112233	3471214	110972
1990478	112089	1993924	111000	1998423	112267	3471371	111055
1990480	110436	1993931	112255	1998427	111034	3471390	110364
1990483	112089	1993935	110436	1998429	112911	3471393	111055
1990484	113153	1993937	110436	1998435	112897	3471396	110839
1990485	111000	1993938	110436	1998436	110216	3471850	111122
1990487	110436	1993939	110436	1998437	110216	3472021	111364
1990490	112089	1993942	110436	1998438	110216	3472022	113376
1990491	111000	1993943	110436	1998439	110216	3472023	111656
1990492	110436	1993945	110999	1998440	110216	3472024	113376
1990493	111000	1993954	112169	1998441	110216	3472026	111656
1990495	112089	1993961	110436	1998442	112341	3472037	111656
1990496	110436	1993974	112255	1998448	110221	3472038	113376
1990497	110999	1993977	112089	1998450	110221	3472039	113376
1990703	110436	1993983	110436	1998456	112267	3472048	111656
1990719	111786	1993988	111224	1998457	112267	3472049	113376
1990809	110999	1998210	111190	1998460	112233	3472050	110972
1990838	111000	1998211	110216	1998466	112910	3472051	111168
1993700	111000	1998213	112897	1998467	110216	3472052	110972
1993703	110436	1998217	110216	1998468	112268	3472059	111656
1993704	110999	1998222	110216	1998480	110590	3472061	113376
1993705	111224	1998223	110216	1998481	111041	3472066	111168
1993707	112243	1998225	111258	1998484	112268	3472067	110972
1993712	111224	1998226	110216	1998488	111760	3472068	110972
1993713	112255	1998227	112897	1998490	112267	3472069	112056
1993719	112255	1998234	112897	1998502	112911	3472070	111800
1993729	112243	1998235	112897	1998503	112911	3472082	111166
1993732	112243	1998236	112897	1998504	112911	3472104	113376
1993754	111224	1998238	110216	1998506	112267	3472105	111166
1993756	114325	1998241	110216	1998510	112911	3472106	111166
1993762	111224	1998242	110216	1998513	111786	3472120	111169
1993763	112255	1998243	110216	1998514	110221	3472121	111169
1993767	113125	1998244	110216	1998515	110221	3472130	112056
1993769	111224	1998246	110216	1998516	112897	3472139	111166
1993772	110436	1998247	110216	1998520	112911	3472144	112056
1993775	110436	1998253	110216	1998521	110221	3472152	112056
1993776	113153	1998266	110468	1998522	112267	3472188	111800
1993778	112255	1998267	110468	1998523	112911	3472204	113376
1993783	110436	1998269	110469	1998524	111034	3472208	111168
1993790	111224	1998270	110469	1998526	110221	3472641	112056
1993794	112255	1998271	110506	1998527	112910	3472706	111166
1993795	110436	1998274	110491	1998530	110221	3491190	111055
1993796	110999	1998280	112233	1998533	112911	3493204	113376
1993797	110999	1998281	110469	1998544	110221	3493214	112165
1993799	111224	1998282	112233	1998548	112910	3493220	111169
1993802	111000	1998295	112007	1998557	112897	3493225	112416
1993803	112089	1998305	111259	1998558	110216	3493230	112056
1993804	110999	1998313	111260	1998560	110216	3493239	111166
1993805	111000	1998314	111786	1998561	110216	3493244	112056
1993806	110436	1998315	112233	1998562	110216	3493273	112720
1993807	112089	1998316	112232	1998564	112897	3493409	111426
1993808	110999	1998317	111277	1998566	110216	3493454	111514
1993810	111000	1998318	111277	1998568	110216	3493455	111514
1993811	110436	1998330	110590	1998569	110216	3493459	112416
1993813	112089	1998334	110604	1998570	110216	3493604	111166
1993814	110999	1998335	110590	1998574	110216	3493606	111166

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
3493619	111168	8300025	113827	9000837	112902	10455600	112233
3493620	111800	8400156	114512	9000839	112239	10455601	112233
3493621	111169	8400157	114665	9000839	115985	10455602	112232
3493639	111166	8400158	114512	9000840	112239	10455603	110216
3493641	112056	8400159	114665	9000840	115985	10456414	110075
3493706	112775	8400218	114512	9000841	112241	10456415	110075
3493714	111166	8400219	114665	9000842	112902	10456492	112898
3493716	111166	8400224	115438	9000847	112900	10459002	112261
3493717	112775	8600009	114536	9000850	111699	10459006	111261
3493719	111168	8600015	114359	9000851	111786	10459007	110591
3493721	111169	8600032	114536	9000851	115985	10459011	110591
3493739	111166	8600043	114534	9000853	112906	10459016	110937
3493741	112056	8600050	114864	9000854	112902	10459020	112989
3493791	112056	8600055	114359	9000855	115740	10459026	112160
3493814	111514	8600060	114359	9000858	112241	10459037	112996
3493815	111514	8600068	114536	9000859	112900	10459038	112996
3493823	111426	8600073	114359	9000860	112240	10459040	112996
3493824	111426	8600127	114359	9000862	112904	10459041	112996
3493847	112229	8600142	114536	9000863	112898	10459050	113432
3493848	112229	8600143	114534	9000866	112906	10459051	113432
3493855	111514	8600151	114536	9000871	112241	10459052	111232
3493914	111514	8600163	114536	9000873	112902	10459053	111232
3493923	111426	8600167	114534	9000875	112905	10459054	111232
3493927	111426	8600168	114534	9000876	112904	10459057	112261
3493955	111514	8600171	114359	9000878	112898	10459059	112996
8000004	114431	8600178	114359	9000879	112240	10459061	111261
8000006	114460	8600203	114359	9000882	112898	10459062	110591
8000032	114145	8600313	114351	9000884	111786	10459064	111261
8000048	114298	8600402	114534	9000884	115985	10459071	110591
8000129	114159	8600403	114534	9000885	113679	10459072	111261
8000169	115569	8600404	114534	9000885	115985	10459076	110591
8000174	113659	8600479	114864	9000895	111699	10459105	112994
8000180	114341	8600498	112427	9000899	112240	10459109	112994
8000193	111699	8600498	115871	9000902	114341	10459111	112996
8000213	115773	8700008	114534	9000910	112241	10459133	111232
8000269	115626	8700009	114536	9000925	112902	10459134	112994
8000277	114476	8700010	114536	9000926	112905	10459135	112996
8000282	111786	8700011	114536	9000934	114341	10459137	111261
8000282	115985	8700012	114534	9000939	112902	10459148	110591
8000285	115758	8700013	114534	9000967	114341	10459155	112996
8000286	112534	8700021	114536	9000981	111123	10459157	112994
8000340	115743	8700039	114359	10436058	110508	10459158	112994
8000357	115758	8700040	114359	10455004	110221	10459159	112996
8000375	115575	8700047	114359	10455006	110221	10459174	112994
8000387	114298	9000700	111127	10455010	112911	10459175	112996
8000395	113659	9000719	111786	10455011	111034	10459177	112994
8000396	115446	9000725	111786	10455013	111034	10459178	112996
8000400	114443	9000735	111786	10455016	111034	10459188	112824
8000484	114443	9000751	111127	10455017	110221	10459189	112824
8000530	115626	9000756	111127	10455019	112911	10459190	112824
8200000	113827	9000758	111127	10455023	112911	10459191	112824
8200004	111982	9000761	111786	10455024	110221	10459192	112824
8200022	114330	9000762	111786	10455025	112911	10459193	112824
8200023	114325	9000763	111699	10455042	111034	10459200	112989
8200024	114326	9000768	111786	10455048	112911	10459205	112834
8200029	114013	9000772	111127	10455050	111034	10459210	112996
8200032	114330	9000773	112897	10455053	112911	10459211	111232
8200033	113550	9000775	112904	10455054	111034	10459217	112834
8200034	114330	9000776	112898	10455055	112911	10459254	112834
8200039	114330	9000781	111055	10455060	112911	10459261	112160
8200040	113550	9000785	111127	10455065	112912	10459301	112994
8200041	114330	9000786	112240	10455066	112898	10459306	112160
8200072	113827	9000789	111786	10455069	112911	10459318	113579
8200077	114325	9000791	111127	10455070	111034	10459320	113579
8200078	114326	9000795	111123	10455081	112911	10459321	113579
8200086	114013	9000797	112898	10455300	112897	10459333	112160
8200138	111982	9000798	112897	10455301	110216	10459353	114864
8200297	115801	9000801	111684	10455304	110469	10459367	112996
8200321	114331	9000802	111127	10455305	110216	10459456	115812
8200330	114330	9000805	112904	10455306	110216	10459472	112834
8200519	113851	9000806	112898	10455308	110216	10459498	112996
8200519	115885	9000819	111786	10455332	111190	10459510	112996
8200700	114330	9000819	115985	10455340	110469	10459547	112996
8200724	114330	9000820	111699	10455343	110216	10459599	114271
8300016	114330	9000821	111786	10455355	110469	10461006	113125
8300018	114330	9000821	115985	10455503	111849	10461008	112255
8300019	113550	9000822	111699	10455506	111123	10461011	113125
8300023	114326	9000833	112900	10455513	112546	10461021	110436
8300024	114325	9000834	112906	10455516	112546	10461024	111000

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
10461025	110999	10463011	110498	10464073	112615	10465537	113429
10461028	113153	10463012	110498	10464075	112615	10465540	113725
10461030	111000	10463013	110499	10464081	112893	10465542	112900
10461031	110999	10463014	110499	10464084	112665	10465546	112898
10461032	110436	10463015	110498	10464158	111264	10465554	112240
10461033	112089	10463016	110499	10464165	111315	10465584	110485
10461034	110436	10463017	110499	10464174	111285	10478803	110436
10461038	112089	10463035	110986	10464206	111807	10478809	110347
10461039	111224	10463036	110986	10464388	111807	10478811	113695
10461042	112089	10463037	110986	10464404	112850	10478828	113384
10461043	111000	10463040	111388	10464405	112853	10478855	110347
10461045	112089	10463041	110986	10464409	112615	10478861	111000
10461046	110436	10463043	110503	10464438	112850	10478864	110999
10461047	111000	10463045	112629	10464451	112850	10478879	110347
10461050	110436	10463069	112880	10465001	111786	10478880	110347
10461051	110436	10463092	112338	10465008	112911	10478884	110347
10461052	112089	10463094	112636	10465009	111786	10478911	110347
10461053	112089	10463097	110984	10465013	112341	10478912	110347
10461054	111000	10463098	112338	10465014	112341	10478943	111000
10461055	113153	10463099	110985	10465015	113435	10478946	111000
10461057	110347	10463104	112629	10465016	110724	10478960	113695
10461067	112089	10463114	110503	10465018	110221	10478961	113695
10461068	111000	10463118	110724	10465021	111127	10478962	110436
10461075	112089	10463148	112629	10465022	111127	10478963	112089
10461076	112089	10463158	112629	10465026	112267	10478964	113153
10461077	112089	10463160	110300	10465027	110221	10478980	111000
10461080	114416	10463164	112338	10465028	110221	10478986	111000
10461089	112255	10463165	112338	10465033	110221	10478997	110436
10461107	110999	10463169	110499	10465034	112911	10478998	111000
10461114	112089	10463175	110503	10465042	111786	10479030	113153
10461125	110347	10463181	112629	10465043	112267	10479038	113153
10461126	112089	10463186	110984	10465044	111041	10479052	110436
10461127	112089	10463187	111388	10465045	111041	10479054	111224
10461128	111000	10463206	110499	10465046	111041	10479062	113153
10461136	110999	10463211	110499	10465047	110604	10479067	114416
10461141	114416	10463212	112629	10465048	110604	10479082	113153
10461178	112089	10463214	111220	10465049	110590	10479104	112089
10461179	111000	10463245	112338	10465050	110590	10479107	114325
10461184	111000	10463264	110503	10465053	112341	10479108	112169
10461185	112089	10463267	110682	10465054	112341	10479111	111000
10461229	112255	10463308	112448	10465058	110602	10479115	110999
10461238	112261	10463338	112884	10465065	111034	10479118	110999
10461259	111000	10463375	111854	10465066	112898	10479130	114416
10461277	111000	10463377	112886	10465075	110225	10479142	114416
10461278	111000	10463389	111711	10465081	110231	10479175	112243
10461279	112255	10463398	112860	10465082	110231	10479196	112243
10461280	112255	10463406	112613	10465096	112911	10479252	111000
10461283	111760	10463407	112614	10465098	112911	10479264	110999
10461285	112267	10463408	111223	10465130	112341	10479339	110347
10461303	111224	10463413	111711	10465143	112897	10479340	110347
10461334	113550	10463415	112639	10465149	112267	10479343	110347
10461357	110999	10463417	112640	10465151	112253	10479384	111426
10461362	114416	10463418	111711	10465167	112240	10479605	112652
10461402	113695	10463419	110502	10465168	112341	10479607	112268
10461405	113695	10463424	112639	10465211	112267	10479611	113435
10461446	111041	10463425	112640	10465293	112897	10479613	110602
10461447	111041	10463443	111223	10465294	112904	10479615	112253
10461448	110604	10463523	112888	10465295	112268	10479617	113452
10461449	110604	10463531	111388	10465309	112898	10479618	112253
10461453	113435	10463532	111388	10465312	112911	10479621	112267
10461461	112652	10463624	111854	10465314	112253	10479622	111760
10461463	112268	10463630	112615	10465348	110602	10479623	111760
10461466	113452	10463632	112613	10465365	112267	10479624	112267
10461468	111760	10463636	112893	10465384	112900	10479625	112253
10461469	111760	10463651	111712	10465385	112906	10479626	111982
10461470	111982	10463652	111712	10465389	112912	10479627	110524
10461483	112668	10463655	110508	10465393	111034	10479638	112253
10461486	111760	10463678	112884	10465399	112267	10479641	112253
10461533	110999	10463680	112888	10465406	111041	10479647	114710
10461645	113429	10463690	111712	10465420	110602	10479655	111760
10461753	113550	10463692	112893	10465440	110485	10479656	111760
10461754	114330	10463728	110659	10465459	112900	10479802	112338
10461756	114330	10463734	110703	10465463	112902	10479805	110682
10461758	114013	10463753	113077	10465490	112911	10479807	112338
10461759	114013	10463807	110802	10465492	112898	10479808	112338
10461777	113550	10463820	111406	10465494	112911	10479811	110499
10463001	112629	10463839	112868	10465520	112241	10479814	110499
10463002	112629	10463940	111712	10465523	112904	10479815	110503
10463007	111090	10463966	112615	10465527	112905	10479825	110235

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
10479826	110235	10480190	111223	19010108	112160	19020300	112824
10479827	110235	10480198	111712	19010111	112160	19020302	112824
10479850	110508	10480201	112884	19010115	112995	19020303	112824
10479858	110492	10480203	112888	19010116	112996	19020305	112834
10479874	110984	10480206	112893	19010120	112993	19020306	112834
10479883	110984	10480214	112165	19010126	112995	19020307	112160
10479891	112629	10480215	112165	19010127	112995	19020308	112834
10479902	110499	10480222	111426	19010128	112995	19020310	112834
10479903	111388	10480225	112416	19010134	111232	19020312	112834
10479905	111388	10480226	111514	19010136	112993	19020323	112824
10479906	112629	10480229	112850	19010137	112993	19020346	112160
10479909	110499	10480234	112853	19010138	111232	19020358	112824
10479910	110499	10480240	112615	19010139	112995	19020359	112824
10479911	110499	10480251	112665	19010145	112996	19020364	112824
10479912	112629	10480252	111223	19010147	112996	19020365	112824
10479913	110499	10480254	112665	19010148	112160	19020375	115812
10479914	111514	10480255	112893	19010150	112996	19020376	112160
10479916	110724	10480262	112615	19010153	111232	19020377	112824
10479921	112338	10480264	112615	19010154	112993	19020379	112834
10479922	112338	10480273	112720	19010155	111232	19020381	112834
10479923	111426	10480307	112615	19010156	113432	19020382	112160
10479924	111713	10480326	112850	19010157	112993	19020383	112160
10479925	111713	10480378	112615	19010158	112993	19020387	113579
10479926	111713	10480384	111426	19010159	112993	19020388	113579
10479927	111713	10480388	112850	19010160	112993	19020389	113579
10479929	111713	10480390	112853	19010161	112993	19020391	112160
10479930	111713	10480407	113771	19010162	112993	19020501	110233
10479947	112229	10480409	111426	19010163	112993	19020507	111216
10479955	111514	10490000	111846	19010166	112993	19020600	114172
10479962	111220	10490073	111846	19010168	112995	19020601	113685
10479963	110503	10495397	112911	19010170	112996	19020606	113694
10479981	112613	10495425	110508	19010171	111232	19020608	113692
10479984	112614	10495426	110508	19010172	111232	19020609	113685
10479990	111708	10495427	110508	19010173	111232	19020611	114812
10479991	111223	10495429	110508	19010174	111232	19020612	114812
10479993	112337	10496871	112897	19010175	111232	19020615	113694
10479994	112640	10496873	110216	19010176	111232	19020616	113691
10479995	112886	10496874	110216	19010179	111232	19020801	112824
10479997	112640	10496882	112267	19010181	112994	19020803	113579
10479998	110499	10496883	112267	19010182	112160	19020804	113579
10479999	111708	10497079	110471	19010185	112160	19020806	112824
10480000	111846	10497083	111713	19010187	112996	19020889	113579
10480017	111223	10497111	112880	19010188	112996	19020900	114534
10480028	110500	10497122	110502	19010189	111232	19020901	114536
10480036	110499	10497145	110502	19010191	112996	19020902	114534
10480058	110505	10497425	110508	19010192	111232	19020903	114536
10480068	110499	10499176	111232	19010193	112160	19023060	113827
10480069	111711	10663530	110499	19010195	112160	19024000	110537
10480072	111223	10754097	112853	19010196	112996	19024001	110409
10480073	111846	12301334	111699	19010199	112160	19024005	110538
10480082	111711	12558851	112912	19010200	112160	19024008	110539
10480084	112639	12560672	112902	19010202	112995	19024010	110206
10480085	110498	12563863	112905	19010207	112996	19024011	110533
10480086	112640	12563907	112906	19010212	111232	19024012	111003
10480087	111711	12563908	112902	19010507	114330	19024013	110207
10480088	110502	12563919	112904	19010509	114330	19024015	110208
10480092	110984	12564107	112241	19010615	112232	19024016	110208
10480093	110984	12564108	112240	19010617	112233	19024018	110582
10480094	112639	12564109	112898	19011189	114864	19024024	110512
10480095	112860	12567398	112898	19011191	114271	19024025	110206
10480096	112860	12567585	114341	19011192	112160	19024026	112507
10480097	110500	12573853	112902	19011195	114864	19024028	111218
10480099	112640	15226003	113777	19011205	114271	19024030	110534
10480104	110500	15750871	112853	19011206	114271	19024035	110535
10480105	110499	15754097	113777	19011501	113851	19024037	110208
10480111	112888	15768830	112853	19011501	115885	19024040	110932
10480114	110499	18000004	114431	19011504	114003	19024042	110212
10480130	112893	19009950	115520	19011506	113550	19024046	110582
10480134	110499	19010000	110591	19011507	114330	19024047	111219
10480136	111388	19010001	111261	19011509	114330	19024048	110980
10480137	111388	19010002	110591	19011511	114013	19024049	110981
10480157	111854	19010006	111261	19011516	113550	19024051	110210
10480167	111712	19010008	110591	19011518	113550	19024052	111046
10480168	111712	19010020	111261	19011521	113550	19024053	110213
10480182	112615	19010024	110591	19011522	114330	19024054	110532
10480184	112868	19010100	111232	19011523	114330	19024063	111219
10480187	112614	19010101	112994	19011524	114013	19024071	110531
10480188	112613	19010104	112996	19011530	113550	19024072	112120
10480189	111223	19010105	112994	19020204	115680	19024075	110205

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
19024076	112119	19025037	110611	96550792	111684	323-529	112911
19024077	110214	19025042	111180	96566262	111847	323-531	112898
19024078	110212	19025044	112097	96567255	114114	323-533	112911
19024080	111231	19025045	111138	96569440	111849	323-540	110394
19024085	112116	19025046	110890	96647521	114503	323-677	111699
19024099	110208	19025049	110912	96843574	114159	323-823	112267
19024101	113850	19025051	111035	15754097M	113777	323-824	112267
19024106	110981	19025056	110912	17610-Q1010	111805	323-829	110436
19024109	110206	19025057	112097	321-1006	112886	323-830	110436
19024179	111771	19025059	111654	321-1015	110508	323-840	113125
19024196	113851	19025060	111686	321-1016	112629	323-842	112255
19024196	115885	19025062	111654	321-1018	112860	323-855	110436
19024201	110520	19025063	111180	321-1056	112888	323-864	113153
19024202	110522	19025067	110912	321-1095	112893	323-871	112089
19024204	110524	19025068	111418	321-1134	112893	334-2145	112448
19024205	110525	19025068	115873	321-1139	112868	336-2002	112902
19024223	110525	19025069	110923	321-136	112448	35032VL	110206
19024224	110536	19025070	111093	321-1429	112893	CER3087	112251
19024225	110524	19025071	110913	321-1748	112850	DRA0005	114524
19024226	110523	19025074	110112	321-1749	112853	DRA0006	113919
19024229	110519	19025076	111621	321-1753	112615	DRA0007	113718
19024230	110529	19025100	112159	321-1797	112615	DRA0007N	113718
19024231	110521	19025101	112076	321-1798	112850	DRA0009	113407
19024232	110518	19025107	112159	321-1811	112850	DRA0012	115797
19024233	110527	19025109	113448	321-275	112880	DRA0014	113791
19024234	110523	19025110	113448	321-339	112629	DRA0017	113954
19024235	110536	19025111	113448	321-367	112880	DRA0021	113253
19024236	110524	19025112	113448	321-409	110724	DRA0023	113709
19024238	110530	19025113	112561	321-431	110984	DRA0023N	113709
19024239	110368	19025114	111886	321-439	112629	DRA0024	113710
19024241	110812	19025304	110544	321-452	112629	DRA0024N	113710
19024242	110517	19025330	111833	321-479	112629	DRA0028	115742
19024249	110368	19025333	111842	321-503	112629	DRA0029N	113967
19024250	111001	19025339	112424	321-523	110682	DRA0035	113439
19024252	110536	19025347	110544	321-594	112884	DRA0036	113996
19024253	110522	19025600	110060	321-602	111261	DRA0041	113247
19024255	110814	19025602	110061	321-654	110300	DRA0041X	113247
19024256	110518	19025772	110350	321-655	110591	DRA0042	114701
19024257	111752	19025787	111035	321-660	110801	DRA0050	111225
19024258	110524	19025789	111035	321-665	110801	DRA0052	115606
19024260	112037	19025791	111036	321-666	112989	DRA0057	115434
19024261	111793	19026026	113827	321-667	111713	DRA0058	115365
19024262	111399	19026030	113827	321-687	112996	DRA0058N	115365
19024264	111640	19026031	114325	321-688	113432	DRA0061N	112327
19024272	110529	19026032	114326	321-697	110591	DRA0062X	114009
19024273	110521	19070006	112561	321-698	111261	DRA0067	113946
19024280	113466	19070007	113351	321-739	112824	DRA0071	110483
19024286	113468	19070008	113351	323-1062	112900	DRA0072	110484
19024294	114397	19070009	113351	323-1063	112906	DRA0074	113792
19024550	110512	19070014	113351	323-1064	112912	DRA0075	113792
19024553	110207	19070015	113351	323-1065	112912	DRA0078	113253
19024555	110208	19070016	113351	323-1396	112900	DRA0079	111309
19024556	110512	19070032	112581	323-1400	112902	DRA0079X	111309
19024561	110537	19070033	113608	323-1432	112904	DRA0082	115317
19024562	110537	19070036	112224	323-1434	112241	DRA0083	115750
19024563	110409	19070039	111982	323-1446	112905	DRA0089	114895
19024565	111217	19070058	112561	323-1449	112898	DRA0089X	114895
19024566	111217	24507410	112911	323-1476	112905	DRA0092X	114754
19024576	110208	29219091	111708	323-1483	112902	DRA0093	114352
19024578	110601	89000853	112906	323-287	112910	DRA0095	112355
19024654	110429	92064181	111848	323-350	112911	DRA0098	114250
19024660	110429	96206871	113498	323-394	111786	DRA0098X	114250
19024678	111091	96208781	111123	323-404	111786	DRA0099	112351
19024688	112487	96208782	111684	323-408	113435	DRA0102	115418
19024706	111092	96208785	111848	323-411	110221	DRA0104	114354
19024709	112487	96224431	111846	323-419	112267	DRA0107	115309
19024713	112487	96224432	111708	323-421	110221	DRA0108N	114289
19024729	112864	96252115	113498	323-422	110221	DRA0109	115786
19024730	112317	96252547	111846	323-427	110221	DRA0110	111649
19024731	112318	96252548	111708	323-428	112911	DRA0111	114212
19024732	112318	96252551	111846	323-429	112911	DRA0112	110236
19024743	112317	96255115	113498	323-457	112898	DRA0112	114005
19024813	110523	96275481	111849	323-472	112911	DRA0113	113535
19024815	110551	96289430	113860	323-474	112911	DRA0113N	113535
19024817	110565	96341300	113498	323-480	112897	DRA0115	114112
19024821	110819	96380673	114114	323-488	112897	DRA0116	113348
19024824	110536	96404010	113349	323-489	112904	DRA0118	115415
19024838	111025	96404011	113498	323-501	112898	DRA0119	113978
19024839	110352	96450663	111848	323-503	112911	DRA0120	110899

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRA0120	111035	DRA0265	110176	DRA0411X	113972	DRA0732	115833
DRA0120	111180	DRA0267	110176	DRA0415	115381	DRA0735	114192
DRA0120	111418	DRA0267N	110176	DRA0416	114158	DRA0735N	114192
DRA0120	115873	DRA0272	111576	DRA0416X	114158	DRA0740	110360
DRA0120N	111180	DRA0273	111761	DRA0417	115855	DRA0740	110913
DRA0124	115856	DRA0274	113549	DRA0433	115788	DRA0742	115928
DRA0130	110641	DRA0277	113283	DRA0436	115748	DRA0747N	112747
DRA0130N	110641	DRA0278	112357	DRA0441N	114202	DRA0750	110913
DRA0135	110514	DRA0279	112583	DRA0441X	114202	DRA0750	112098
DRA0135	113283	DRA0280	111166	DRA0453	114827	DRA0755	115766
DRA0137	115658	DRA0283	115412	DRA0456X	115617	DRA0760	110759
DRA0138	113896	DRA0286	114078	DRA0456X	115618	DRA0760	111086
DRA0138X	113896	DRA0286	115494	DRA0457	114757	DRA0760	111289
DRA0139	115473	DRA0289X	114204	DRA0469	115315	DRA0770	110969
DRA0139N	115473	DRA0292X	114882	DRA0476	115671	DRA0770	111086
DRA0140	110641	DRA0293	113862	DRA0477	115753	DRA0770	111184
DRA0140	111662	DRA0299	114025	DRA0478X	113940	DRA0770	111289
DRA0140N	111662	DRA0300	110116	DRA0478X	116048	DRA0771	115927
DRA0143	114841	DRA0301	112384	DRA0482	115919	DRA0780	110969
DRA0149	114210	DRA0303	112144	DRA0483	115730	DRA0780	111086
DRA0150	112098	DRA0303X	115707	DRA0484	114249	DRA0780	111289
DRA0151	115789	DRA0305	112144	DRA0484X	114249	DRA0781	114287
DRA0154	114245	DRA0312	115367	DRA0494X	113284	DRA0789	115704
DRA0159	114736	DRA0316	112721	DRA0494X	115491	DRA0790	110968
DRA0160	112098	DRA0316	114251	DRA0495X	113284	DRA0790	111289
DRA0161	116012	DRA0319	114114	DRA0495X	115491	DRA0790	113574
DRA0164	110542	DRA0319N	114114	DRA0520	110895	DRA0793	115654
DRA0167	111719	DRA0319X	114114	DRA0531	115661	DRA0793N	115654
DRA0168	115527	DRA0321	113640	DRA0539	115712	DRA0796	115384
DRA0170	112098	DRA0321	116067	DRA0540	111139	DRA0800	110179
DRA0171	115790	DRA0322	115659	DRA0543	115936	DRA0800	110759
DRA0177	113883	DRA0324	113634	DRA0551	115648	DRA0800	111086
DRA0177N	113883	DRA0325	112327	DRA0553	115649	DRA0802	115587
DRA0178	113912	DRA0326	113212	DRA0555	115707	DRA0806	115668
DRA0179	114042	DRA0329	110801	DRA0560	110891	DRA0810	112775
DRA0179	116113	DRA0331	111261	DRA0561	114881	DRA0815	115602
DRA0179N	114042	DRA0331	112261	DRA0561N	114881	DRA0815N	115602
DRA0179N	116113	DRA0334	110801	DRA0562	114247	DRA0823N	114772
DRA0181	112469	DRA0335	112360	DRA0572X	111847	DRA0830	111166
DRA0182	113941	DRA0336	114043	DRA0573	115380	DRA0830	112098
DRA0183X	114803	DRA0337	114218	DRA0576	111381	DRA0833	115910
DRA0186	113742	DRA0338X	114114	DRA0578	115765	DRA0834	114379
DRA0190	111141	DRA0340	111478	DRA0592	115923	DRA0840	112271
DRA0191	113755	DRA0342	114704	DRA0594	115913	DRA0841N	114880
DRA0192	113600	DRA0343	112394	DRA0604	114354	DRA0841X	114880
DRA0195	114111	DRA0344N	113768	DRA0610	110360	DRA0842N	114407
DRA0196	115907	DRA0345	110540	DRA0610	111287	DRA0842N	115878
DRA0197	115858	DRA0347	113856	DRA0617	115305	DRA0846	114880
DRA0198	114102	DRA0348	115929	DRA0618	114290	DRA0847	115454
DRA0198	116068	DRA0349	113698	DRA0620	110913	DRA0850	110077
DRA0201	114109	DRA0350	110887	DRA0623N	114508	DRA0850	111767
DRA0202	114831	DRA0351	113559	DRA0631	115815	DRA0850	111841
DRA0205	113946	DRA0361	115382	DRA0635	115460	DRA0854	114879
DRA0208	114080	DRA0367	114884	DRA0637	111847	DRA0862	115716
DRA0209	115853	DRA0368	114806	DRA0637N	111847	DRA0864	115340
DRA0211	112688	DRA0368	115874	DRA0638	115863	DRA0864N	115340
DRA0218	114088	DRA0371	114749	DRA0639	115795	DRA0870	111656
DRA022	113921	DRA0371X	114749	DRA0646	115935	DRA0871	115412
DRA0221	113863	DRA0372	115906	DRA0667	114813	DRA0876	115975
DRA0221N	113863	DRA0374	113246	DRA0670	110877	DRA0880	111166
DRA0225	114857	DRA0376	113987	DRA0671	115667	DRA0880	111187
DRA0225N	114857	DRA0382	112352	DRA0679	115582	DRA0880	113376
DRA0229	114658	DRA0384	115348	DRA0680	110877	DRA0882	111166
DRA0231	113993	DRA0386	113324	DRA0682	113791	DRA0882	113376
DRA0234	113970	DRA0387	114023	DRA0684	113971	DRA0884N	114472
DRA0238	115615	DRA0389	112384	DRA0687	115794	DRA0899	115910
DRA0240	110877	DRA0392	115925	DRA0691	115860	DRA0900	110972
DRA0245	115452	DRA0393	115926	DRA0693	114897	DRA0900	111168
DRA0246	113969	DRA0396	114832	DRA0696	114694	DRA0903	114779
DRA0247	115308	DRA0399	113489	DRA0700	110877	DRA0903N	114779
DRA0248	114090	DRA0402	115800	DRA0700	112310	DRA0905N	115410
DRA0252	114110	DRA0402N	115800	DRA0709	115929	DRA0908	115477
DRA0252N	114110	DRA0403X	114314	DRA0710	110911	DRA0908N	115477
DRA0253	112142	DRA0404	114664	DRA0710	110975	DRA0909	114229
DRA0259	111796	DRA0406	114079	DRA0722	114662	DRA0909N	114229
DRA0262	113529	DRA0407	114518	DRA0726	115474	DRA0917	114728
DRA0263	113961	DRA0408	112492	DRA0730	111085	DRA0917N	114728
DRA0264	113763	DRA0409	113991	DRA0730	112310	DRA0920	110972
DRA0265	110175	DRA0411	113972	DRA0731	115787	DRA0920	111168

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
DRA0920	112056	DRA1194	115647	DRA1407	114121	DRA2641	110136
DRA0921	115692	DRA1194X	115647	DRA1410	111138	DRA2651	110168
DRA0923	111168	DRA1195	115921	DRA1410	112768	DRA2651	110307
DRA0926	114146	DRA1197	115813	DRA1415	115922	DRA2661	110168
DRA0930	110972	DRA1209	115455	DRA1419	116098	DRA2661	110307
DRA0930	111168	DRA1210	110911	DRA1423	115798	DRA2661	110318
DRA0931	111490	DRA1210	113758	DRA1424	115799	DRA2671	110260
DRA0933	111168	DRA1212	115826	DRA1426	115700	DRA2671	110307
DRA0940	111035	DRA1219	115761	DRA1427	114077	DRA2671	110458
DRA0940	111085	DRA1223	115746	DRA1427N	114077	DRA2681	110168
DRA0940	111148	DRA1227	112578	DRA1430	110358	DRA2710	112742
DRA0954	115437	DRA1230	110116	DRA1431	113886	DRA2720	111834
DRA0957	115701	DRA1236	115862	DRA1442	114383	DRA2781	110350
DRA0968	115834	DRA1239	114805	DRA1445	115808	DRA2790	111076
DRA0970	1110890	DRA1242N	114464	DRA1450	110761	DRA2790	112149
DRA0970	111686	DRA1249	114766	DRA1453	111720	DRA2790	112162
DRA0970	115689	DRA1251	111834	DRA1454	115800	DRA2793	112162
DRA0972	114247	DRA1255	115994	DRA1467	114024	DRA2800	110358
DRA0975	115715	DRA1260	110766	DRA1470	110360	DRA2930	110881
DRA0975N	115715	DRA1262	110766	DRA1471	112069	DRA2940	110881
DRA0976	115827	DRA1270	112098	DRA1473	111384	DRA2960	110881
DRA0976N	115827	DRA1272	112098	DRA1496	115679	DRA3013	110178
DRA0977	114826	DRA1274	111779	DRA1500	110919	DRA3013	110968
DRA0980	110890	DRA1275	114201	DRA1500	110975	DRA3013	111289
DRA0980	110912	DRA1286	115657	DRA1501	113497	DRA3013	113474
DRA0980	111138	DRA1287	114490	DRA1502	113506	DRA3015	111184
DRA0980	112719	DRA1299	113921	DRA1520	111653	DRA3015	111185
DRA0985	115529	DRA1300	111141	DRA1528	114390	DRA3015	111289
DRA0991N	113863	DRA1305	113275	DRA1530	111653	DRA3023	110675
DRA1000	111075	DRA1306	114356	DRA1533	113849	DRA3023	110927
DRA1002	111075	DRA1310	110113	DRA1590	111629	DRA3024	110138
DRA1003	111075	DRA1310	110358	DRA1600	111629	DRA3025	110664
DRA1004	115760	DRA1313	113575	DRA1671	110975	DRA3027	112297
DRA1004N	115760	DRA1313X	113575	DRA1680	110178	DRA3028	110969
DRA1013X	113405	DRA1314	115683	DRA1680	110179	DRA3029	110662
DRA1018	115868	DRA1315	111631	DRA1680	110969	DRA3035	110805
DRA1019	114839	DRA1316	112469	DRA1680	111184	DRA3036	110805
DRA1023	114081	DRA1318	115457	DRA1691	110178	DRA3038	110806
DRA1023N	114081	DRA1319	113246	DRA1691	110179	DRA3038	111240
DRA1027	115920	DRA1320	110117	DRA1691	110759	DRA3038N	110806
DRA1030	110975	DRA1320	110766	DRA1691	111185	DRA3046	111692
DRA1037	116061	DRA1325	113986	DRA1691	111204	DRA3046N	111692
DRA1040	110911	DRA1330	112736	DRA1691	113378	DRA3049	114203
DRA1050	110178	DRA1333	114698	DRA1931	110743	DRA3055	110496
DRA1050	110759	DRA1337	113562	DRA1932	110743	DRA3055	111705
DRA1050	111289	DRA1338	113768	DRA1981	110144	DRA3056	110628
DRA1058	115581	DRA1338N	113768	DRA2061	111075	DRA3059	111428
DRA1060	110975	DRA1339	111397	DRA2074	114665	DRA3059	111705
DRA1069	115924	DRA1340	112097	DRA2074N	114665	DRA3063	110607
DRA1078N	114861	DRA1340X	112097	DRA2101	110611	DRA3063	111754
DRA1079	114078	DRA1341	115617	DRA2111	112097	DRA3064	110258
DRA1079N	114078	DRA1341	115618	DRA2121	110890	DRA3064	111483
DRA1080	110968	DRA1341X	115617	DRA2241	111071	DRA3064	111613
DRA1090	111153	DRA1341X	115618	DRA2301	111289	DRA3064	114203
DRA1092N	114495	DRA1344	114868	DRA2311	111072	DRA3064	114288
DRA1100	110360	DRA1345	114679	DRA2341	111035	DRA3064N	111483
DRA1100	110913	DRA1347	115587	DRA2341	111078	DRA3070	113469
DRA1106	115912	DRA1347N	115587	DRA2341N	111078	DRA3074	111171
DRA1110	110913	DRA1350	111086	DRA2381	110137	DRA3076	111171
DRA1112	115631	DRA1350	111289	DRA2381	110138	DRA3083	111321
DRA1114	114845	DRA1350	111362	DRA2381	110258	DRA3086	112756
DRA1116	114843	DRA1353	114384	DRA2391	110138	DRA3087	111841
DRA1117	114382	DRA1356	112427	DRA2401	110137	DRA3087	112744
DRA1117N	114382	DRA1356	115871	DRA2401	110138	DRA3089	113920
DRA1120	111096	DRA1356N	112427	DRA2401	110258	DRA3090	113611
DRA1121	114834	DRA1356N	115871	DRA2421	110138	DRA3096	112970
DRA1127	114726	DRA1357	113923	DRA2431	110128	DRA3098	110664
DRA1127N	114726	DRA1357	115879	DRA2431	110264	DRA3099	110694
DRA1137	114807	DRA1360	112098	DRA2451	110133	DRA3100	111146
DRA1145	115669	DRA1372	115861	DRA2571	110138	DRA3103	110699
DRA1149X	113250	DRA1373	115526	DRA2571	110258	DRA3103	110706
DRA1156	115805	DRA1375	115583	DRA2581	110138	DRA3104	110659
DRA1165	115980	DRA1380	110178	DRA2591	110138	DRA3104	112531
DRA1165N	115980	DRA1380	110968	DRA2591	110248	DRA3107	112769
DRA1177	115930	DRA1380	111185	DRA2601	110318	DRA3115	110927
DRA1178	115852	DRA1380	111289	DRA2601	111796	DRA3117	111578
DRA1183	115655	DRA1386	114205	DRA2611	110318	DRA3119	110965
DRA1190	110112	DRA1387	110117	DRA2621	110134	DRA3119	110967
DRA1193	110048	DRA1399	115431	DRA2641	110134	DRA3119	111279

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRA3120	111147	DRA3279	111294	DRA3423	112681	DRA3530	113611
DRA3124	110567	DRA3279N	111294	DRA3426	110699	DRA3536	112121
DRA3124N	110567	DRA3280	110923	DRA3426	110706	DRA3537	112775
DRA3127	110445	DRA3284	111620	DRA3427	111368	DRA3540	110766
DRA3128	111215	DRA3284	111654	DRA3428	112325	DRA3543	112679
DRA3129	112769	DRA3286	111738	DRA3429	111176	DRA3545	111515
DRA3135	111319	DRA3286	112238	DRA3433	112718	DRA3545N	111515
DRA3137	111319	DRA3287	112238	DRA3433N	112718	DRA3545X	111515
DRA3140	111149	DRA3289	111363	DRA3434	110891	DRA3546	111184
DRA3143	110659	DRA3293	111366	DRA3434	111740	DRA3546X	111184
DRA3144	111309	DRA3294	110770	DRA3435	111185	DRA3547	110968
DRA3145	110802	DRA3294	110968	DRA3435	111204	DRA3548	111184
DRA3145	110804	DRA3294	111355	DRA3435	113378	DRA3549	111948
DRA3145N	110802	DRA3294	112238	DRA3436	111285	DRA3550	111629
DRA3146	110802	DRA3294	112722	DRA3437	111609	DRA3553	111569
DRA3153	110697	DRA3295	111427	DRA3438	111309	DRA3554	110968
DRA3154	110679	DRA3296	111186	DRA3439	111405	DRA3556	110178
DRA3156	110679	DRA3296N	111186	DRA3439N	111405	DRA3556	110968
DRA3157	110675	DRA3304	111435	DRA3443	111042	DRA3558	111629
DRA3157	111428	DRA3305	110679	DRA3445	113632	DRA3558	112343
DRA3160	112729	DRA3306	111342	DRA3448	111787	DRA3559	110969
DRA3167	111342	DRA3310	110968	DRA3449	110564	DRA3563	111184
DRA3169	111317	DRA3310	111289	DRA3453	110620	DRA3564	111086
DRA3173	111315	DRA3314	110811	DRA3454	112191	DRA3567	111364
DRA3176	111237	DRA3314N	110811	DRA3455	111409	DRA3575	110179
DRA3178	113519	DRA3316	111240	DRA3455	113939	DRA3575	110969
DRA3180	110919	DRA3316N	111240	DRA3457	110891	DRA3576	110482
DRA3185	110804	DRA3320	110105	DRA3458	110970	DRA3579	111225
DRA3188	111314	DRA3320N	110105	DRA3458	111948	DRA3583	111756
DRA3189	111344	DRA3330	110766	DRA3459	110107	DRA3586	112939
DRA3189	112210	DRA3334	111614	DRA3461	110137	DRA3587	112021
DRA3194	111339	DRA3334N	111614	DRA3461	110138	DRA3588	110891
DRA3194N	111339	DRA3336	111279	DRA3461	110258	DRA3589	111846
DRA3195	110631	DRA3337	110967	DRA3461	110374	DRA3589N	111846
DRA3199	111361	DRA3339	111435	DRA3463	111948	DRA3593	111708
DRA3203	111264	DRA3345	111613	DRA3464	110770	DRA3593N	111708
DRA3204	111266	DRA3347	112800	DRA3465	111375	DRA3608	111295
DRA3206	110707	DRA3348	111437	DRA3465N	111375	DRA3620	112288
DRA3208	110700	DRA3350	110913	DRA3466	113832	DRA3623	111397
DRA3208	111316	DRA3353	111411	DRA3469	111872	DRA3625	112467
DRA3208N	110700	DRA3355	111418	DRA3469N	111872	DRA3625N	112467
DRA3209	111747	DRA3355	115873	DRA3471	110168	DRA3627	111723
DRA3209N	111747	DRA3355X	111418	DRA3471	110267	DRA3636	113498
DRA3215	110701	DRA3355X	115873	DRA3471	110307	DRA3636N	113498
DRA3215N	110701	DRA3358	112679	DRA3471	110703	DRA3637	111846
DRA3216	112093	DRA3368	110607	DRA3473	111626	DRA3637	113349
DRA3216N	112093	DRA3368	111754	DRA3473	111956	DRA3637	113498
DRA3217	110385	DRA3369	111623	DRA3473N	111956	DRA3637N	113498
DRA3219	111611	DRA3369	115890	DRA3474	111594	DRA3638	113350
DRA3220	111289	DRA3369X	111623	DRA3474	112128	DRA3644	115476
DRA3225	110682	DRA3369X	115890	DRA3474N	112128	DRA3644	115476
DRA3229	111280	DRA3374	112151	DRA3476	110307	DRA3646	111802
DRA3234	112230	DRA3374N	112151	DRA3477	110307	DRA3646	111795
DRA3235	114026	DRA3375	111587	DRA3477	110307	DRA3649	112143
DRA3236	112230	DRA3375N	111587	DRA3478	112329	DRA3653	112142
DRA3236	112292	DRA3376	111267	DRA3479	111426	DRA3654	110968
DRA3236X	112292	DRA3376N	111267	DRA3479N	111426	DRA3654	111204
DRA3239	112782	DRA3377N	114081	DRA3483	112228	DRA3655	111797
DRA3239X	112782	DRA3379	113832	DRA3483N	112228	DRA3655N	111797
DRA3243	110619	DRA3384	112772	DRA3484	112087	DRA3663	111767
DRA3245	112298	DRA3385	112298	DRA3484N	112087	DRA3664	112406
DRA3250	111035	DRA3386	110448	DRA3494	110622	DRA3667	112722
DRA3250N	111035	DRA3393	111610	DRA3498	111517	DRA3673	111788
DRA3260	111288	DRA3394	111413	DRA3503	111579	DRA3674	112025
DRA3263	111820	DRA3396	113536	DRA3504	111605	DRA3677	113763
DRA3265	111803	DRA3397	111689	DRA3505	114203	DRA3679	112021
DRA3266	111352	DRA3403	111409	DRA3506	111518	DRA3683	111384
DRA3267	111352	DRA3403	113942	DRA3507	111678	DRA3686	112194
DRA3268	111479	DRA3406	111416	DRA3508	111518	DRA3686	112539
DRA3269	111477	DRA3408	113471	DRA3509	111705	DRA3689	111376
DRA3269	111820	DRA3408N	111036	DRA3515	111537	DRA3693	111627
DRA3274	111176	DRA3409	111621	DRA3517	112356	DRA3695	112129
DRA3274	111289	DRA3409N	111621	DRA3518	111483	DRA3696	111806
DRA3274	111356	DRA3413	111689	DRA3518N	111483	DRA3697	111704
DRA3275	111187	DRA3414	113537	DRA3519	110629	DRA3698	111812
DRA3275N	111187	DRA3415	111505	DRA3519N	110629	DRA3698N	111812
DRA3276	111238	DRA3416	111416	DRA3526	112810	DRA3703	111514
DRA3276N	111238	DRA3418	113471	DRA3527	111631	DRA3703N	111514
DRA3278	111406	DRA3419	111148	DRA3528	112557	DRA3704	111514

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
DRA3704N	111514	DRA3849	111493	DRA4058	111947	DRA4206X	113943
DRA3706	112058	DRA3855	111811	DRA4065	112468	DRA4207	113939
DRA3707	113603	DRA3860	111086	DRA4067	113406	DRA4208	113245
DRA3708	110931	DRA3860	111364	DRA4068	113751	DRA4209	110107
DRA3714	113577	DRA3863	113785	DRA4070	112288	DRA4209	111948
DRA3714X	113577	DRA3864	112067	DRA4075	113336	DRA4213	113949
DRA3717	112059	DRA3865	111943	DRA4077	112654	DRA4213N	113949
DRA3719	111718	DRA3866	111883	DRA4077X	112654	DRA4214	113755
DRA3720	111093	DRA3868	112065	DRA4078	113599	DRA4217	112772
DRA3720	111149	DRA3869	112205	DRA4079	112349	DRA4218	112299
DRA3723	112199	DRA3874	112210	DRA4080	111147	DRA4219	112772
DRA3723X	112199	DRA3875	111626	DRA4083	113035	DRA4220	111094
DRA3727	112679	DRA3875N	111626	DRA4087	111384	DRA4220	112149
DRA3728	111934	DRA3875X	111626	DRA4088	113251	DRA4223	112334
DRA3729	111722	DRA3880	110882	DRA4088N	113251	DRA4226	112128
DRA3735	111937	DRA3880	112768	DRA4089	112425	DRA4227	111594
DRA3736	112165	DRA3887	112069	DRA4093	112327	DRA4228	113956
DRA3736N	112165	DRA3888	112068	DRA4094	112328	DRA4228N	113956
DRA3736X	112165	DRA3890	110912	DRA4095	113383	DRA4228X	113956
DRA3738	111598	DRA3890	112719	DRA4097	113787	DRA4230	112149
DRA3739	111507	DRA3890	112768	DRA4098	112359	DRA4233	114120
DRA3740	110923	DRA3895	111264	DRA4099	112457	DRA4234	113786
DRA3740	111093	DRA3896	111726	DRA4105	113296	DRA4236	113922
DRA3745	111601	DRA3897	110707	DRA4107	115660	DRA4237	113710
DRA3745N	111601	DRA3903	112416	DRA4108	112101	DRA4237N	113710
DRA3746	111484	DRA3903N	112416	DRA4110	111147	DRA4238	113710
DRA3748	111596	DRA3904	112720	DRA4113	112199	DRA4238N	113710
DRA3749	111538	DRA3904N	112720	DRA4114	113640	DRA4239	113849
DRA3753	112557	DRA3905	112272	DRA4114	116067	DRA4240	112735
DRA3754	112144	DRA3905N	112272	DRA4116	113888	DRA4243	113720
DRA3755	113405	DRA3906	113575	DRA4119	113486	DRA4243	116064
DRA3756	112203	DRA3906N	113575	DRA4128	113640	DRA4244	113722
DRA3757	112202	DRA3907	112469	DRA4128	116067	DRA4244	115963
DRA3759	114386	DRA3907N	112469	DRA4134N	113791	DRA4246	114129
DRA3764	111498	DRA3914	113403	DRA4137	113349	DRA4247	113912
DRA3766	111568	DRA3915	112470	DRA4137N	113349	DRA4247N	113912
DRA3768	113336	DRA3917	111722	DRA4139	111342	DRA4248	114128
DRA3768	113943	DRA3918	112471	DRA4143	113708	DRA4249	113721
DRA3777	111176	DRA3923	112144	DRA4143N	113708	DRA4253	113720
DRA3778	111176	DRA3924	112414	DRA4144	113709	DRA4253	116064
DRA3779	111967	DRA3926	111779	DRA4144N	113709	DRA4258	115543
DRA3779X	111967	DRA3927	111950	DRA4146	113771	DRA4258N	115543
DRA3783	111719	DRA3928	111779	DRA4146N	113771	DRA4260	111141
DRA3789	111831	DRA3929	112332	DRA4148	114673	DRA4263X	114204
DRA3789N	111831	DRA3933	111965	DRA4149	113248	DRA4264	113904
DRA3794	112271	DRA3940	113574	DRA4153	112387	DRA4265	113955
DRA3794N	112271	DRA3944	113440	DRA4155	113836	DRA4265	114801
DRA3798	114241	DRA3946	113317	DRA4156	113510	DRA4266	113881
DRA3799	114242	DRA3947	113697	DRA4157	112428	DRA4268	113330
DRA3799N	114242	DRA3947X	113697	DRA4164	113947	DRA4270	110906
DRA3806N	113887	DRA3948	113317	DRA4166	112428	DRA4273	114130
DRA3808	113407	DRA3949	112648	DRA4166	115673	DRA4273	116069
DRA3808X	113407	DRA3953	113404	DRA4166N	112428	DRA4275	114115
DRA3809	112462	DRA3966	113758	DRA4166N	115673	DRA4277	115865
DRA3815	112648	DRA3967	111741	DRA4173	112333	DRA4278	114214
DRA3816	113404	DRA3993	110622	DRA4173N	112333	DRA4283	114215
DRA3816N	113404	DRA3994	110891	DRA4173X	112333	DRA4284	114010
DRA3816X	113404	DRA4003	111072	DRA4174	113328	DRA4285	113956
DRA3820	110116	DRA4020	112734	DRA4174N	113328	DRA4289	114877
DRA3823	112461	DRA4027	112151	DRA4175	113519	DRA4291	110136
DRA3824	114114	DRA4027X	112151	DRA4176	113519	DRA4311	110138
DRA3824N	114114	DRA4033	112472	DRA4177	113517	DRA4311	112270
DRA3827	111951	DRA4034	115864	DRA4178	113657	DRA4321	110250
DRA3830	110770	DRA4035	113772	DRA4180	110107	DRA4341	110563
DRA3830	111289	DRA4035N	113772	DRA4186	113245	DRA4350	112784
DRA3830	111356	DRA4036	111720	DRA4187	113253	DRA4370	111658
DRA3830	111364	DRA4037	111409	DRA4188	113253	DRA4370	112345
DRA3830	111366	DRA4039	112458	DRA4194	112471	DRA4391	110348
DRA3834	111293	DRA4040	110911	DRA4194X	112471	DRA4400	110895
DRA3835	113952	DRA4040	111653	DRA4195	113503	DRA4400N	110895
DRA3836	112718	DRA4043	113246	DRA4196	112363	DRA4420	111419
DRA3837	111740	DRA4043X	113246	DRA4197	113948	DRA4420	111987
DRA3840	111528	DRA4044	113250	DRA4199	112506	DRA4430	112747
DRA3841	111658	DRA4044X	113250	DRA4200	111289	DRA4430N	112747
DRA3841	113477	DRA4045	113246	DRA4203	113331	DRA4450	111164
DRA3846	113518	DRA4046	112059	DRA4203N	113331	DRA4460	111169
DRA3846N	113518	DRA4048	115711	DRA4204	112334	DRA4460	111800
DRA3848	111929	DRA4049	113249	DRA4206	113536	DRA4460	112056
DRA3848N	111929	DRA4053	111820	DRA4206X	113336	DRA4463	111169

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRA4463	111800	DRA6251	112056	DRA8600	112229	DRB0310	111895
DRA4463	112056	DRA6260	112763	DRA8600N	112229	DRB0330	111899
DRA4463	112229	DRA6263	111288	DRA8610	111676	DRB0340	111478
DRA4470	110891	DRA6263	112763	DRA8610	113885	DRB0350	113770
DRA4480	111148	DRA6270	112777	DRA8630	112557	DRB0360	111898
DRA4490	111154	DRA6280	112757	DRA8791	112299	DRB0360	111988
DRA4500	111094	DRA6301	110675	DRA8791	112772	DRB0370	112557
DRA4520	111288	DRA6301	111428	DRA8791N	112299	DRB0380	111946
DRA4550	111287	DRA6360	112734	DRA8841	111803	DRB0600	112045
DRA4560	111287	DRA6480	112162	DRA8910	111850	DRB0850	111980
DRA4570	112149	DRA6501	110385	DRA8930	112086	DRB0940	111820
DRA4580	112735	DRA6510	111287	DRA8930N	112086	DRB0950	111884
DRA4590	110877	DRA6530	111170	DRA8950	111991	DRB0960	111468
DRA4600	111842	DRA6532	111170	DRA8990	112680	DRB1030	113448
DRA4610	112343	DRA6540	111166	DRA9030	112709	DRB1060	112196
DRA4620	110358	DRA6540	111170	DRA9080	113885	DRB1060	115987
DRA4640	111148	DRA6542	111170	DRA9090	111988	DRB1080	112413
DRA4650	111166	DRA6561	111368	DRA9100	112687	DRB1090	112159
DRA4652	111166	DRA6581	111754	DRA9130	111987	DRB1120	111883
DRA4660	112056	DRA6631	111623	DRA9150	112810	DRB1150	112078
DRA4662	112056	DRA6631	115890	DRA9170	112557	DRB1160	112860
DRA4700	112746	DRA6641	110374	DRA9210	111991	DRB1170	111468
DRA4710	112746	DRA6641	110620	DRA9230	112689	DRB1190	112413
DRA4740	111082	DRA6651	111035	DRA9240	111426	DRB1210	111902
DRA4740	112298	DRA6660	112750	DRA9240	111732	DRB1230	112043
DRA4740	112728	DRA6690	111293	DRA9250	111514	DRB1240	111824
DRA4801	111072	DRA6750	111620	DRA9260	111746	DRB1250	113879
DRA4801	111171	DRA6750	111654	DRA9300	113485	DRB1260	111990
DRA4810	112744	DRA6750	111686	DRA9340	112076	DRB1260	112416
DRA4831	111841	DRA6780	112453	DRA9370	111902	DRB1290	112193
DRA4832	112754	DRA6790	112765	DRA9450	112799	DRB1300	111828
DRA4832X	112754	DRA6800	113632	DRA9460	112860	DRB1320	111902
DRA4861	110889	DRA6800N	113632	DRA9490	111886	DRB1401	113604
DRA4861X	110889	DRA6810	111354	DRA9490X	111886	DRB1451	111788
DRA4910	111629	DRA6820	111354	DRA9501	111687	DRB1461	113439
DRA4940	113611	DRA6820	112529	DRA9501N	111687	DRB1480	113340
DRA4990	111154	DRA6920	111146	DRA9510	113447	DRB1490	112079
DRA5020	112453	DRA6930	110360	DRA9520	111988	DRB1490	114789
DRA5061	110137	DRA6941	113500	DRA9520	112045	DRB1500	111989
DRA5061	110258	DRA6961	110622	DRA9530	111842	DRB1500	115482
DRA5161	110134	DRA7112	110891	DRA9650	111895	DRB1500N	111989
DRA5161	110168	DRA7221	110163	DRA9690	112777	DRB1500N	115482
DRA5211	110318	DRA7231	110163	DRA9690	113758	DRB1510	112075
DRA5331	110631	DRA7241	111331	DRA9700	113833	DRB1510N	112075
DRA5331	110632	DRA7271	110620	DRA9711	110968	DRB1530	112197
DRA5341	112970	DRA7271	111048	DRA9760	111893	DRB1550	113489
DRA5411	110264	DRA7301	111171	DRA9780	111318	DRB1590	112197
DRA5411	112270	DRA7311	113500	DRA9790	112561	DRB1640	111833
DRA5431	110267	DRA7321	111325	DRA9800	112098	DRB1640	116063
DRA5431	110703	DRA7321	112756	DRA9810	113531	DRB1650	111850
DRA5501	111435	DRA7321X	111325	DRA9810N	113531	DRB1730	112072
DRA5501	111705	DRA7340	112194	DRA9831	113868	DRB1750	112426
DRA5501N	111705	DRA7380	112194	DRA9870	112693	DRB1750N	112426
DRA5521	110248	DRA7380	112539	DRA9881	111623	DRB1750X	112426
DRA5630	111686	DRA7410	110895	DRA9881	111742	DRB1760	112428
DRA5641	111036	DRA7410N	110895	DRA9881	115890	DRB1760N	112428
DRA5641X	111036	DRA7420	111629	DRA9891	112698	DRB1840	112046
DRA5700	112771	DRA7440	113920	DRA9941	112703	DRB1840N	112046
DRA5720	112780	DRA7440N	113920	DRB0004	114036	DRB1860	112002
DRA5760	110882	DRA7450	110105	DRB0004N	114036	DRB1860	114797
DRA5760	111418	DRA7450	113632	DRB0005	115845	DRB1870	112397
DRA5760	115873	DRA7760	112803	DRB0005N	115845	DRB1870N	112397
DRA5910	113470	DRA7770	112159	DRB0005X	115845	DRB1890	113754
DRA5910N	113470	DRA7890	110881	DRB0170	113442	DRB1900	112402
DRA6010	110770	DRA7970	112539	DRB0180	111890	DRB1910	112273
DRA6010	111289	DRA7990	112194	DRB0201	112287	DRB1920	112274
DRA6010	111362	DRA8080	111154	DRB0201N	112287	DRB1920N	112274
DRA6020	111289	DRA8100	112729	DRB0211	112688	DRB1930	112460
DRA6041	111176	DRA8160	111369	DRB0211N	112688	DRB1930N	112460
DRA6060	111356	DRA8170	112529	DRB0221	111318	DRB1930X	112460
DRA6060	111364	DRA8180	112806	DRB0221N	111318	DRB1940	112097
DRA6110	111289	DRA8260	112530	DRB0231	111532	DRB1950	112198
DRA6150	111293	DRA8281	110631	DRB0231N	111532	DRB1960	112407
DRA6150	111741	DRA8290	111833	DRB0260	112561	DRB1960X	112407
DRA6215	112056	DRA8290	116063	DRB0270	111894	DRB1980	112406
DRA6230	112768	DRA8300	112777	DRB0280	111843	DRB1990	112073
DRA6240	112076	DRA8390	111353	DRB0280N	111843	DRB2000	112190
DRA6250	112056	DRA8390X	111353	DRB0290	111888	DRB2000X	112190
		DRA8600	111732	DRB0290N	111888	DRB2041	112057

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
DRB2091	112480	DRB5360	113884	DRS0016N	113907	DRS0134	113797
DRB2350	112189	DRB5370	113913	DRS0017	113909	DRS0134N	113797
DRB2360N	113351	DRB5370N	113913	DRS0017N	113909	DRS0136	113797
DRB2360X	113351	DRB5380	113877	DRS0022	115556	DRS0137	115725
DRB2370	113351	DRB5380X	113877	DRS0022	115886	DRS0141	114159
DRB2370X	113351	DRB5420	113274	DRS0022X	115556	DRS0141N	114159
DRB2390	113351	DRB5691	113788	DRS0022X	115886	DRS0142	114526
DRB2390N	113351	DRB5801	113322	DRS0024	110813	DRS0145	115569
DRB2390X	113351	DRB5821	115791	DRS0025	110522	DRS0152	113478
DRB2400	113351	DRB5821X	115791	DRS0026N	114021	DRS0153	114307
DRB2400N	113351	DRB5891	112063	DRS0027	114196	DRS0156	115405
DRB2410	113351	DRB5990	112343	DRS0028	114196	DRS0156N	115405
DRB2410N	113351	DRB6000	112529	DRS0030	111055	DRS0157	113906
DRB2460	115844	DRB6030	112062	DRS0030	111127	DRS0157N	113906
DRB2470	112414	DRB6040	112427	DRS0032	115641	DRS0159	111906
DRB2520	113889	DRB6040	115871	DRS0032N	115641	DRS0159N	111906
DRB2530	113889	DRB6040N	112427	DRS0035	114837	DRS0160	113910
DRB2530	115485	DRB6040N	115871	DRS0037	113937	DRS0160N	113910
DRB2540	112535	DRB6060	113279	DRS0037X	113937	DRS0161	113911
DRB2550	113300	DRB6060X	113279	DRS0040	110364	DRS0161N	113911
DRB2570	113302	DRB6090	113536	DRS0048	113702	DRS0162	110942
DRB2570	113835	DRB6150	115619	DRS0049N	114047	DRS0163	110485
DRB2580	113295	DRB6160	113878	DRS0051	112053	DRS0164	113466
DRB2590	113289	DRB6170	115677	DRS0053	114171	DRS0165	113980
DRB2590N	113289	DRB6190	113273	DRS0054	113756	DRS0166	112055
DRB2600	112075	DRB6200	114257	DRS0054N	113756	DRS0167	111638
DRB2600N	112075	DRB6210	114765	DRS0055	115642	DRS0171	112507
DRB2600X	112075	DRB6220	113858	DRS0056	114523	DRS0175	115328
DRB2640	112419	DRB6220	115976	DRS0056N	114523	DRS0178	115394
DRB2650	113285	DRB6230	114656	DRS0056N	115514	DRS0181	115635
DRB2650N	113285	DRB6230X	114656	DRS0057	111982	DRS0182	115948
DRB2660	113296	DRB6250	114122	DRS0061	114001	DRS0183	110485
DRB2670	113280	DRB6260	113837	DRS0061N	114001	DRS0183	114400
DRB2680	112418	DRB6270	113871	DRS0062N	114376	DRS0185	112441
DRB2720	112144	DRB6320	113951	DRS0062N	115513	DRS0185	115505
DRB2750X	111514	DRB6320X	113951	DRS0063	113719	DRS0186	114057
DRB2780X	113942	DRB6330	113953	DRS0063	115869	DRS0188	115394
DRB2790	113298	DRB6340	113944	DRS0063N	113719	DRS0189	115559
DRB2810	113275	DRB6440	114131	DRS0063N	115869	DRS0189	116054
DRB2810X	113275	DRB6440X	114131	DRS0065	112373	DRS0192	115825
DRB2840	113272	DRB6520	115835	DRS0067	115609	DRS0193	112382
DRB3041	111517	DRB6560	113284	DRS0068	114123	DRS0194	113132
DRB3130	112196	DRB6560	115491	DRS0071	113796	DRS0196	113194
DRB3130	115987	DRB6570	115617	DRS0072	115643	DRS0197	113203
DRB3130N	112196	DRB6570	115618	DRS0073	114240	DRS0199	114299
DRB3130N	115987	DRB6570N	115617	DRS0075	115942	DRS0200	110793
DRB3650	113889	DRB6570N	115618	DRS0077	114169	DRS0200	111066
DRB3660	112197	DRB6610	115318	DRS0079	114108	DRS0201	111005
DRB3890	113448	DRB7140	115678	DRS0091	113638	DRS0202	112177
DRB3900	112197	DRB7150	115905	DRS0093	114161	DRS0205	112649
DRB3900N	112197	DRB7160	111842	DRS0094	114283	DRS0207	115325
DRB3910	112425	DRB7200	115837	DRS0095	113977	DRS0208	115697
DRB3910N	112425	DRB7220	114200	DRS0098	114477	DRS0210	113860
DRB4010	113352	DRB7340X	115846	DRS0099	113931	DRS0211	114274
DRB4020	113352	DRB7380	114312	DRS0099N	113931	DRS0213	114279
DRB4030	112415	DRB7380X	114312	DRS0100	113851	DRS0214	111694
DRB4060	112424	DRB7410	114036	DRS0100	115885	DRS0215	115398
DRB4210	111824	DRB7460	114663	DRS0103	113960	DRS0216	114849
DRB4210X	111824	DRB7470	115709	DRS0104	113727	DRS0217	115770
DRB4300	112399	DRB7490	115383	DRS0105	111273	DRS0218	113618
DRB4310	113283	DRB7500	115708	DRS0109X	113830	DRS0219	114851
DRB4320	113882	DRB7530	113835	DRS0109X	115884	DRS0222	115336
DRB4460	113252	DRB7670	115532	DRS0110	110997	DRS0223	115563
DRB4460X	113252	DRB7810	115909	DRS0111	115974	DRS0226	114746
DRB4540	116017	DRB7870	110895	DRS0112	115947	DRS0229	113984
DRB4850	112396	DRB7910	113958	DRS0113	114074	DRS0233	115698
DRB5160	113188	DRB7910X	113958	DRS0116	112367	DRS0234	113931
DRB5160	115484	DRB8040	114768	DRS0119	114237	DRS0234X	113931
DRB5170N	113923	DRB8240	115846	DRS0122	113964	DRS0237	115968
DRB5170N	115879	DRB8380	114898	DRS0123	114029	DRS0238	114482
DRB5170X	113923	DRB8380N	114898	DRS0123X	114029	DRS0242	113959
DRB5170X	115879	DRB9030	114463	DRS0124	113672	DRS0244	114775
DRB5290	113351	DRB9320	114089	DRS0124	115881	DRS0244	115502
DRB5290	115557	DRB9320	115495	DRS0125	114193	DRS0247	115361
DRB5290N	113351	DRB9320X	114089	DRS0125	115877	DRS0247N	115361
DRB5290N	115557	DRS0008	111087	DRS0125N	114193	DRS0248	115616
DRB5300	113874	DRS0013	114053	DRS0125N	115877	DRS0259	110436
DRB5330	115621	DRS0015	113906	DRS0130	114820	DRS0260	111068
DRB5340	113992	DRS0015N	113906	DRS0130N	114820	DRS0261	111068

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRS0266	113982	DRS0555	116083	DRS0902	115558	DRS1410	110512
DRS0267	114002	DRS0562	115949	DRS0904	111047	DRS1420	110512
DRS0269	115357	DRS0564	115634	DRS0907	114032	DRS1430	110214
DRS0271	113532	DRS0565	115610	DRS0912	114474	DRS1440	110531
DRS0272	115389	DRS0566	114690	DRS0913	115828	DRS1440	111219
DRS0275	112496	DRS0570	110864	DRS0914	110394	DRS1450	110205
DRS0277	114852	DRS0585	114738	DRS0919	114443	DRS1450	110207
DRS0278	111398	DRS0590	111114	DRS0920	110996	DRS1450	110932
DRS0282N	112822	DRS0590	112541	DRS0920	111060	DRS1460	110534
DRS0282N	115880	DRS0610	110772	DRS0922	114741	DRS1470	110209
DRS0288	114216	DRS0611	115395	DRS0930	110839	DRS1490	110206
DRS0293	115638	DRS0614	115727	DRS0932	116082	DRS1490	110210
DRS0300	111131	DRS0616	115626	DRS0935	115624	DRS1510	110210
DRS0302	115998	DRS0618	115758	DRS0939	115999	DRS1520	110205
DRS0309	115399	DRS0621	115446	DRS0942	115773	DRS1520	110209
DRS0310	110367	DRS0625	114341	DRS0944	115733	DRS1530	110537
DRS0310	110585	DRS0628	114305	DRS0945	115962	DRS1540	110537
DRS0310	111251	DRS0638	115728	DRS0950	110461	DRS1550	110512
DRS0310	115442	DRS0642	114871	DRS0950	112251	DRS1550	110601
DRS0311	115400	DRS0648	115729	DRS0950	113380	DRS1570	110206
DRS0313	115997	DRS0650	110160	DRS0950N	110461	DRS1580	110533
DRS0319X	114310	DRS0650	111054	DRS0959	115468	DRS1611	111102
DRS0319X	115888	DRS0650	111489	DRS0960	110536	DRS1651	110367
DRS0335	115323	DRS0651	115426	DRS0960	113465	DRS1671	110856
DRS0360	110858	DRS0653	114761	DRS0970	113466	DRS1691	111068
DRS0364	115941	DRS0654	115977	DRS0980	110520	DRS1731	111100
DRS0372	115946	DRS0656	116024	DRS0980	114047	DRS1741	110367
DRS0374	115938	DRS0674	114886	DRS0984	116026	DRS1771	111063
DRS0389	115943	DRS0686	115562	DRS0990	110536	DRS1831	110367
DRS0390	111131	DRS0689	115330	DRS1000	110775	DRS1831	110866
DRS0390	111750	DRS0692	115829	DRS1002	116001	DRS1871	110338
DRS0392	114323	DRS0703	113481	DRS1020	111332	DRS1871	110365
DRS0392	115889	DRS0704	116085	DRS1040	111004	DRS1891	110365
DRS0400	110336	DRS0710	110336	DRS1050	110368	DRS1891	111585
DRS0400	111131	DRS0710	110831	DRS1057	116050	DRS1910	110352
DRS0402	115627	DRS0711	115448	DRS1060	110520	DRS1951	110521
DRS0403	115538	DRS0718	111475	DRS1060	110536	DRS1981	110421
DRS0405	115636	DRS0719	114275	DRS1060	110615	DRS2021	110152
DRS0406	115337	DRS0728	116002	DRS1060	110814	DRS2021	110154
DRS0408	115599	DRS0729	115734	DRS1060	111737	DRS2031	110152
DRS0410	111058	DRS0730	111741	DRS1063	111693	DRS2061	110152
DRS0415	115402	DRS0736	115403	DRS1063X	111693	DRS2061	110154
DRS0420	111058	DRS0739	115686	DRS1070	110847	DRS2071	110277
DRS0421	115573	DRS0741	115685	DRS1080	110812	DRS2091	110144
DRS0440	111228	DRS0751	115684	DRS1090	111112	DRS2101	110277
DRS0445	114742	DRS0767	115539	DRS1130	111752	DRS2111	110256
DRS0446	115588	DRS0770	113705	DRS1140	110536	DRS2171	110157
DRS0448	115611	DRS0776	114838	DRS1140	112660	DRS2171	110158
DRS0450	112289	DRS0781	115891	DRS1143	110536	DRS2171	110315
DRS0456	115733	DRS0787	114833	DRS1150	110368	DRS2172	110315
DRS0460	110865	DRS0796	115964	DRS1150	110439	DRS2172	110479
DRS0461	115900	DRS0798	111451	DRS1160	110517	DRS2172	110958
DRS0462	115401	DRS0800	111010	DRS1160X	110517	DRS2231	110142
DRS0464	115637	DRS0801	115645	DRS1180	113467	DRS2231	110277
DRS0470	111061	DRS0802	115696	DRS1190	112249	DRS2251	110152
DRS0473	114661	DRS0809	115359	DRS1200	110536	DRS2251	110154
DRS0478	114764	DRS0813	114821	DRS1210	111332	DRS2271	110149
DRS0479	114875	DRS0820	110368	DRS1220	110519	DRS2271	111310
DRS0481	115570	DRS0827	115571	DRS1220	110529	DRS2291	110279
DRS0482	114183	DRS0829	115818	DRS1220	110640	DRS2301	110158
DRS0483	115639	DRS0832	115561	DRS1240	110525	DRS2301	110315
DRS0490	111058	DRS0837	115524	DRS1240	113482	DRS2301	110479
DRS0521	115613	DRS0841	115944	DRS1270	110523	DRS2301N	110315
DRS0523	115574	DRS0842	115646	DRS1270	113464	DRS2320	111010
DRS0525	115745	DRS0850	110869	DRS1280	110527	DRS2340	110587
DRS0526	115338	DRS0850	110997	DRS1280	112132	DRS2343	111130
DRS0530	110363	DRS0856	115986	DRS1290	111640	DRS2360	110865
DRS0531	115360	DRS0872	115444	DRS1290N	111640	DRS2380	111065
DRS0538X	115593	DRS0875	115524	DRS1310	110517	DRS2380	111851
DRS0538X	115887	DRS0876	113169	DRS1310	110521	DRS2380	112440
DRS0539X	114872	DRS0879	115598	DRS1321	110521	DRS2420	111755
DRS0539X	115875	DRS0882	115376	DRS1330	110518	DRS2460	114181
DRS0541	114086	DRS0886	111451	DRS1330	110520	DRS2470	110465
DRS0541	115896	DRS0887	115822	DRS1330X	110518	DRS2480	110212
DRS0542	115439	DRS0890	110862	DRS1351	110520	DRS2590	111059
DRS0542	115876	DRS0892	115610	DRS1360	110524	DRS2590	111748
DRS0543	115440	DRS0893	115361	DRS1370N	112132	DRS2600	111059
DRS0545	114818	DRS0896	113995	DRS1380	111637	DRS2620	112533
DRS0548	114001	DRS0900	110838	DRS1400	110537	DRS2620	113446

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
DRS2623	112533	DRS3104	111228	DRS3233	110356	DRS3375	111385
DRS2670	110529	DRS3104	112124	DRS3235	113668	DRS3376	110820
DRS2670	110640	DRS3105	112289	DRS3237	111558	DRS3378	111550
DRS2670	110813	DRS3106	112295	DRS3240	111070	DRS3379	113665
DRS2670	113381	DRS3107	111251	DRS3243	110256	DRS3383	110323
DRS2680	112135	DRS3108	110584	DRS3243	111452	DRS3384	111455
DRS2690	110368	DRS3109	113443	DRS3245	111683	DRS3389	110411
DRS2700	113464	DRS3113	111130	DRS3247	110485	DRS3394	111534
DRS2710	110530	DRS3115	111070	DRS3247	113924	DRS3394N	111534
DRS2720	110522	DRS3115	114460	DRS3248	111023	DRS3396	110438
DRS2730	110535	DRS3115X	111070	DRS3253	111564	DRS3399	110831
DRS2740	110208	DRS3116	110585	DRS3254	110396	DRS3404	110831
DRS2780	111047	DRS3117	111070	DRS3256	110507	DRS3405	110640
DRS2831	110182	DRS3117	114460	DRS3257	110490	DRS3405	113381
DRS2851	110411	DRS3119	111251	DRS3258	110411	DRS3406	111030
DRS2871	110158	DRS3123	110459	DRS3259	110417	DRS3406	111442
DRS2871	110315	DRS3128	110938	DRS3260	110208	DRS3407	110465
DRS2872	110315	DRS3129	110854	DRS3260	110209	DRS3408	110465
DRS2872	110479	DRS3130	110867	DRS3263	113129	DRS3409	110465
DRS2881	110421	DRS3133	110940	DRS3264	110818	DRS3410	112537
DRS2881	111475	DRS3133	111548	DRS3267	110867	DRS3420	110582
DRS2901	111451	DRS3134	111548	DRS3267	112290	DRS3423	110444
DRS2911	110278	DRS3139	110811	DRS3268	111251	DRS3425	110464
DRS2921	111728	DRS3140	111112	DRS3270	111131	DRS3426	111574
DRS2931	110155	DRS3140	111120	DRS3273	111047	DRS3427	110819
DRS2931	110256	DRS3143	111241	DRS3274	111422	DRS3428	110462
DRS2932	110256	DRS3143N	111241	DRS3277	111508	DRS3430	110213
DRS2932	111452	DRS3144	111683	DRS3278	113210	DRS3440	110532
DRS2933	110156	DRS3150	111851	DRS3279	111272	DRS3447	110460
DRS2940	116040	DRS3150N	111851	DRS3280	111131	DRS3450	112119
DRS2950	110524	DRS3154	110810	DRS3280	111851	DRS3456	111573
DRS2970	110531	DRS3155	111311	DRS3284	111913	DRS3457	110831
DRS2980	110838	DRS3156	110810	DRS3286	110439	DRS3458	110817
DRS2990	110530	DRS3158	110578	DRS3287	110565	DRS3463	114650
DRS2990	110869	DRS3159	111305	DRS3287	111346	DRS3464	110440
DRS3010	111347	DRS3159N	111305	DRS3287	114650	DRS3466	110831
DRS3018	110708	DRS3163	111241	DRS3288	111685	DRS3470	110865
DRS3018	111387	DRS3164	110574	DRS3289	110465	DRS3474	113346
DRS3018	112336	DRS3164	111303	DRS3289	110615	DRS3476	112340
DRS3018N	111387	DRS3165	110574	DRS3289	111737	DRS3479	111029
DRS3019	110708	DRS3165	111805	DRS3293	112055	DRS3480	110525
DRS3023	110397	DRS3165N	111805	DRS3294	110449	DRS3484	111690
DRS3024	110323	DRS3166	110719	DRS3295	110961	DRS3484N	111690
DRS3025	110709	DRS3168	111445	DRS3297	110962	DRS3490	110524
DRS3030	112174	DRS3169	110386	DRS3303	110941	DRS3501	110149
DRS3036	110809	DRS3169	110719	DRS3304	111679	DRS3501	110808
DRS3036	111461	DRS3173	114318	DRS3307	111088	DRS3508	110566
DRS3036	111476	DRS3178	111455	DRS3308	111420	DRS3511	110149
DRS3036N	110809	DRS3179	111455	DRS3314	113430	DRS3511	110280
DRS3038	110386	DRS3180	110998	DRS3320	110539	DRS3511	110808
DRS3038	110573	DRS3183	110811	DRS3324	111003	DRS3513	110998
DRS3038	110719	DRS3189	111136	DRS3325	110530	DRS3516	111097
DRS3043	111310	DRS3196	110462	DRS3326	111001	DRS3518	111760
DRS3045	110394	DRS3196	111131	DRS3327	111098	DRS3535	112251
DRS3046	110811	DRS3196	111750	DRS3333	110462	DRS3535N	112251
DRS3050	111060	DRS3197	110462	DRS3333	110565	DRS3545	110584
DRS3052	111544	DRS3197	113380	DRS3334	110566	DRS3545	111994
DRS3057	111451	DRS3198	111865	DRS3336	110443	DRS3546	111464
DRS3058	110713	DRS3198N	111865	DRS3336	111461	DRS3547	111525
DRS3065	111102	DRS3199	111865	DRS3337	112136	DRS3549	111684
DRS3068	111103	DRS3200	112295	DRS3339	111461	DRS3551	110280
DRS3075	111114	DRS3202	112295	DRS3343	111476	DRS3554	111123
DRS3075	112541	DRS3205	113346	DRS3343	111565	DRS3555	112382
DRS3076	111063	DRS3207	111608	DRS3343N	111476	DRS3557	112026
DRS3078	111115	DRS3208	110581	DRS3344	111565	DRS3558	111485
DRS3080	110839	DRS3213	114851	DRS3345	111108	DRS3561	110154
DRS3084	110354	DRS3214	112214	DRS3348	111728	DRS3561	110396
DRS3084	112439	DRS3216	111274	DRS3350	111069	DRS3561	110444
DRS3086	110249	DRS3217	110580	DRS3353	111459	DRS3564	111131
DRS3086	110312	DRS3218	110412	DRS3354	111549	DRS3565	111131
DRS3088	110576	DRS3219	110723	DRS3355	110142	DRS3567	112235
DRS3088N	110576	DRS3220	111030	DRS3357	111312	DRS3568	111374
DRS3090	110867	DRS3223	111559	DRS3360	111131	DRS3576	111442
DRS3090	112290	DRS3223	112083	DRS3360	111269	DRS3576	112214
DRS3093	110157	DRS3224	110421	DRS3363	110415	DRS3576	113024
DRS3096	110332	DRS3225	110245	DRS3364	110616	DRS3577	111307
DRS3098	110402	DRS3226	110720	DRS3365	110617	DRS3579	110808
DRS3098	111385	DRS3228	110940	DRS3366	111097	DRS3585	111685
DRS3100	110844	DRS3229	110447	DRS3369	111214	DRS3587X	114035

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRS3589	114123	DRS3755	111906	DRS3923	113329	DRS4840	111400
DRS3590	111058	DRS3758	112368	DRS3923N	113329	DRS4850	113482
DRS3593	110441	DRS3759	115407	DRS3924	113327	DRS4860	111055
DRS3595	113038	DRS3764	111218	DRS3924N	113327	DRS4860	111123
DRS3595	113040	DRS3770	112670	DRS3925	114762	DRS4860	111127
DRS3598	110947	DRS3774	111136	DRS3927	113020	DRS4860N	111123
DRS3600	111489	DRS3775	115442	DRS3928	114723	DRS4861	111127
DRS3603	111382	DRS3776	112218	DRS3929	113925	DRS4870	110209
DRS3608	111303	DRS3778	112290	DRS3938	112534	DRS4890	112172
DRS3610	110847	DRS3789	110461	DRS3940	111025	DRS4900	111911
DRS3610	111122	DRS3796	110442	DRS3940X	111025	DRS4900	114118
DRS3610N	110847	DRS3797	112821	DRS3944	110574	DRS4910	110206
DRS3611	111122	DRS3797	115870	DRS3945	114199	DRS4910	110207
DRS3611N	111122	DRS3797N	112821	DRS3946	115522	DRS4920	110205
DRS3615	115407	DRS3797N	115870	DRS3947	111885	DRS4971	110389
DRS3616	112083	DRS3798	113928	DRS3948	113932	DRS4991	110149
DRS3617	114460	DRS3799	113701	DRS3949	113926	DRS4991	110808
DRS3618	111070	DRS3799N	113701	DRS3954	114388	DRS4991	112215
DRS3620	110522	DRS3801	110793	DRS3955	112474	DRS4991	114885
DRS3623	111251	DRS3805	113965	DRS3957	113905	DRS5010	110585
DRS3623X	111251	DRS3808	111724	DRS3957N	113905	DRS5010	111251
DRS3624	112218	DRS3809	112014	DRS3958	114127	DRS5040	112660
DRS3625	113605	DRS3817	112474	DRS3959N	113307	DRS5040	113380
DRS3627	111103	DRS3818	112442	DRS3960	110368	DRS5050	112497
DRS3635	113361	DRS3823	112444	DRS3963	113929	DRS5090	112290
DRS3635N	113361	DRS3825	113794	DRS3964	112497	DRS5090X	112290
DRS3636	112236	DRS3825N	113794	DRS3965	113938	DRS5100	110227
DRS3637	111463	DRS3826	112388	DRS3968	113908	DRS5106	110224
DRS3637	111708	DRS3828	113277	DRS3968	116062	DRS5118	110227
DRS3638	111550	DRS3829	113282	DRS3968N	113908	DRS5150	111131
DRS3643	111455	DRS3836	113276	DRS3968N	116062	DRS5150	111750
DRS3644	110713	DRS3836N	113276	DRS3969	113911	DRS5150N	111750
DRS3645	113936	DRS3838	112475	DRS3969N	113911	DRS5173	111349
DRS3646	111785	DRS3839	113281	DRS3974	114106	DRS5200	111030
DRS3650	113134	DRS3843	115950	DRS3975	111374	DRS5270	111030
DRS3650X	113134	DRS3845	111586	DRS3975N	111374	DRS5341	110386
DRS3654	112295	DRS3846	111305	DRS3976	113933	DRS5341	110719
DRS3660	113846	DRS3849	111763	DRS3976X	113933	DRS5420	112041
DRS3673	111097	DRS3850	110584	DRS3977	112382	DRS5430	110980
DRS3676	114119	DRS3850	110640	DRS3978	112382	DRS5490	111030
DRS3676N	114119	DRS3853	111912	DRS3979	112382	DRS5540	110368
DRS3679	112320	DRS3855	113757	DRS3985	113897	DRS5610	112454
DRS3679N	112320	DRS3856	112365	DRS3985N	113897	DRS5670	111231
DRS3680	110536	DRS3856X	112365	DRS3988X	114058	DRS5701	111214
DRS3683	111685	DRS3859	112369	DRS3991	110473	DRS5740	113745
DRS3684	113446	DRS3861	111063	DRS4051	110249	DRS5751	111312
DRS3686	115940	DRS3863	112370	DRS4051	110312	DRS5751	111459
DRS3688	111300	DRS3863N	112370	DRS4051	111442	DRS5930	111421
DRS3689	110584	DRS3864	113313	DRS4061	110312	DRS5930X	111421
DRS3690	110545	DRS3866	113314	DRS4061	111442	DRS5970	112286
DRS3693	111849	DRS3867	113314	DRS4071	110573	DRS5981	110807
DRS3696	111332	DRS3869	113445	DRS4071	110719	DRS6021	110575
DRS3697	112124	DRS3869N	113445	DRS4141	110809	DRS6110	112131
DRS3699	112235	DRS3869X	113445	DRS4151	110292	DRS6190	112167
DRS3703	110552	DRS3878	112380	DRS4341	111451	DRS6240	111694
DRS3704	112214	DRS3878	115951	DRS4361	111561	DRS6290	111748
DRS3706	112217	DRS3884	113930	DRS4451	110411	DRS6290X	111748
DRS3708	112322	DRS3885	112300	DRS4461	110260	DRS6300	111749
DRS3713	110933	DRS3886	115744	DRS4461	110411	DRS6310	112286
DRS3715	112304	DRS3887	113962	DRS4560	110981	DRS6330	112321
DRS3718	113662	DRS3888	113521	DRS4570	112455	DRS6330	113761
DRS3719	111865	DRS3893	111931	DRS4580	115540	DRS6340	112052
DRS3720	113468	DRS3897	112823	DRS4590	111029	DRS6350	111131
DRS3723	111970	DRS3897	115872	DRS4600	111030	DRS6350	111750
DRS3724	112215	DRS3899	112822	DRS4610	110842	DRS6380	111347
DRS3725	111730	DRS3899	115880	DRS4620	111694	DRS6390	111065
DRS3728	111971	DRS3899N	112822	DRS4630	112321	DRS6390	112440
DRS3729	111608	DRS3899N	115880	DRS4690	111125	DRS6431	111552
DRS3730	110206	DRS3903	113254	DRS4700	111619	DRS6441	111548
DRS3734	111728	DRS3903N	113254	DRS4711	110365	DRS6470	112235
DRS3735	112103	DRS3904	113927	DRS4730	111755	DRS6500	111984
DRS3738	113481	DRS3904X	113927	DRS4740	111755	DRS6520	110210
DRS3739	112475	DRS3906	113629	DRS4740	111793	DRS6550	112555
DRS3739X	112475	DRS3908	112474	DRS4780	110512	DRS6570	110585
DRS3740	110365	DRS3910	113389	DRS4800	111118	DRS6570	113481
DRS3743	112295	DRS3913	113638	DRS4803	111118	DRS6660	112818
DRS3745	111310	DRS3913N	113638	DRS4810	111900	DRS6700	112166
DRS3747	111984	DRS3916	113323	DRS4820	112131	DRS6730	113644
DRS3748	113649	DRS3917	113319	DRS4830	113847	DRS6740	111805

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>REMY (DELCO) Continued</b>							
DRS6750	112306	DRS8010	111123	DRT1240	113843	DRZ0155	112880
DRS6780	112309	DRS8010N	111123	DRT1270	115939	DRZ0156	110503
DRS6790	113750	DRS8020	111995	DRT1360	114093	DRZ0158	110499
DRS6790	114758	DRS8040	112005	DRT1360	115512	DRZ0160	111388
DRS6800	112307	DRS8040N	112005	DRT1480	113891	DRZ0161	110502
DRS6800	113750	DRS8060	111817	DRT1480	115509	DRZ0165	112337
DRS6870	113752	DRS8090	112116	DRT1480X	113891	DRZ0168	110984
DRS6870X	113752	DRS8090N	112116	DRT1480X	115509	DRZ0169	110984
DRS6880	111848	DRS8110	111015	DRT1490	113934	DRZ0170	111193
DRS6880N	111848	DRS8210	110839	DRT1500	114740	DRZ0170	113051
DRS6890	110847	DRS8230	111131	DRT1520	111637	DRZ0172	112447
DRS6890	115540	DRS8240	111131	DRT1530	114886	DRZ0173	112835
DRS6900	111619	DRS8240	111269	DRT1560	114068	DRZ0174	112921
DRS6920	112553	DRS8250	112537	DRT1690	113183	DRZ0175	112927
DRS6950	112053	DRS8270	112440	DRT1810	113959	DRZ0176	111252
DRS6980	111900	DRS8270N	112440	DRT1810	115510	DRZ0176	112842
DRS6980X	111900	DRS8310	114460	DRT1820	114092	DRZ0177	111090
DRS6990	112306	DRS8310N	114460	DRT1910	116039	DRZ0179	111220
DRS6990	113387	DRS8340	111769	DRT2250	113859	DRZ0182	110471
DRS7000	111900	DRS8350	112431	DRT2260	114073	DRZ0182	110508
DRS7000	112286	DRS8370	113609	DRT2260X	114073	DRZ0183	110514
DRS7020	113451	DRS8380	112221	DRT2290	115333	DRZ0185	111193
DRS7041	111585	DRS8380N	112221	DRT2411	113962	DRZ0186	111051
DRS7041N	111585	DRS8390	112429	DRT2450	115938	DRZ0187	111199
DRS7041X	111585	DRS8420	110582	DRT2490	114052	DRZ0188	111200
DRS7050	112116	DRS8450	114321	DRT2490N	114052	DRZ0191	111232
DRS7060	111906	DRS8450X	114321	DRT2510	115542	DRZ0191	112994
DRS7060N	111906	DRS8480	113271	DRT2640	114031	DRZ0191	112995
DRS7070	111906	DRS8490	112441	DRT2640	115892	DRZ0191	112996
DRS7070N	111906	DRS8500	112438	DRT2640X	114031	DRZ0195	111223
DRS7100	110212	DRS8571	111931	DRT2640X	115892	DRZ0196	111712
DRS7110	111911	DRS8630	113267	DRX08378	112165	DRZ0197	111530
DRS7110X	111911	DRS8680	112006	DRX67095	111982	DRZ0198	113067
DRS7120	111123	DRS8680X	112006	DRX67131	110524	DRZ0199	113235
DRS7120N	111123	DRS8770	113761	DRX67149	111982	DRZ0201	111814
DRS7180	111908	DRS8770X	113761	DRZ0100	110233	DRZ0202	110238
DRS7240	114523	DRS8780	112581	DRZ0100	110504	DRZ0208	110504
DRS7240N	114523	DRS8810	110532	DRZ0100	110505	DRZ0208	110505
DRS7250	112119	DRS8840	113286	DRZ0102	110075	DRZ0209	110801
DRS7260	111851	DRS8850	111347	DRZ0104	110170	DRZ0210	110801
DRS7260N	111851	DRS8860	114814	DRZ0109	110986	DRZ5100	110224
DRS7270	113980	DRS8880	112445	DRZ0110	110233	DRZ5100	110227
DRS7280	111752	DRS8880X	112445	DRZ0110	112448	DRZ5101	110509
DRS7290	112135	DRS8890	113292	DRZ0111	110235	DRZ5104	110347
DRS7300	113446	DRS8940	112430	DRZ0112	110236	DRZ5104	110999
DRS7300	115506	DRS8950	112441	DRZ0113	110237	DRZ5104	111000
DRS7310	112039	DRS8950	115505	DRZ0114	110239	DRZ5105	110223
DRS7320	111771	DRS8960	112436	DRZ0115	110300	DRZ5105	111000
DRS7330	112459	DRS8960N	112436	DRZ0118	110427	DRZ5106	110224
DRS7381	112295	DRS8990	112446	DRZ0119	110985	DRZ5109	110228
DRS7391	112295	DRS9020	112071	DRZ0121	110488	DRZ5110	110230
DRS7420	113674	DRS9020	112555	DRZ0122	110492	DRZ5111	110216
DRS7420N	113674	DRS9030	113346	DRZ0123	110498	DRZ5111	110218
DRS7430	111855	DRS9040	111015	DRZ0128	110503	DRZ5111	110347
DRS7450	111904	DRS9550	114160	DRZ0129	110233	DRZ5111	112897
DRS7450N	111904	DRS9820	113181	DRZ0129	110235	DRZ5114	110216
DRS7460	111900	DRS9980	113446	DRZ0129	110504	DRZ5114	112897
DRS7490	111996	DRT0070	113759	DRZ0129	110505	DRZ5115	110347
DRS7500	111874	DRT0170	112498	DRZ0130	110505	DRZ5115	110999
DRS7500	112006	DRT0230	113773	DRZ0131	110233	DRZ5115	111000
DRS7510	112074	DRT0240	114163	DRZ0131	110471	DRZ5116	110602
DRS7520	111399	DRT0250	113842	DRZ0131	110502	DRZ5117	110604
DRS7530	111680	DRT0250	115508	DRZ0131	110505	DRZ5119	110347
DRS7530	113701	DRT0260	113841	DRZ0131	110508	DRZ5119	110999
DRS7530N	111680	DRT0270	113678	DRZ0132	110591	DRZ5120	112341
DRS7750	111793	DRT0270	115507	DRZ0132	111261	DRZ5121	110414
DRS7760	111910	DRT0280	113509	DRZ0133	110724	DRZ5122	110468
DRS7810	112224	DRT0350	113513	DRZ0135	110514	DRZ5123	110469
DRS7830	111909	DRT0611	114223	DRZ0137	113051	DRZ5124	111222
DRS7840	111641	DRT0631	112367	DRZ0140	110408	DRZ5125	110472
DRS7860	111640	DRT0631	113244	DRZ0141	110540	DRZ5127	110231
DRS7860N	111640	DRT0780	113515	DRZ0142	110801	DRZ5128	110491
DRS7870	113468	DRT0880	113608	DRZ0143	110952	DRZ5129	110506
DRS7920	111848	DRT0900	114162	DRZ0144	110499	DRZ5130	110569
DRS7940	111823	DRT1190	113760	DRZ0147	112636	DRZ5132	110590
DRS7950	112454	DRT1200	112581	DRZ0151	112629	DRZ5133	110602
DRS7980	112055	DRT1220	114096	DRZ0151	112640	DRZ5133	111221
DRS7983X	114054	DRT1230	114091	DRZ0154	110499	DRZ5134	112267
DRS7983X	115516	DRT1230X	114091	DRZ0154	112448	DRZ5144	110216

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRZ5144	110347	5000789048	110512	5010306910	113673	7420997672	114733
DRZ5144	111034	5000790629	111231	5010306910	115882	7420997672	115894
DRZ5146	112911	5000791211	113466	5010347544	112343	7421036377	115593
DRZ5147	110221	5000791383	111231	5010390082	112343	7421036377	115887
DRZ5152	112911	5000804191	110533	5010437728	114032	7421041876	114846
DRZ5153	111034	5000808251	110512	5010437730	113993	7421056611	114846
DRZ5155	111034	5000811448	110347	5010480196	113672	7421164607	114733
DRZ5156	111183	5000822346	110206	5010480196	115881	7421164607	115894
DRZ5157	112584	5001000061	110206	5010480432	114100	7421324077	112189
DRZ5158	112592	5001014133	110163	5010480432	115893	7421561402	116098
DRZ5160	113222	5001014136	111331	5010480435	113673	7421598449	114193
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DRZ5164	110221	5001014169	110163	5010480572	114809	7421632125	114872
DRZ5165	110602	5001014175	110163	5010480765	114508	7421632125	115875
DRZ5166	110999	5001014178	110889	5010480878	112189	7485003033	114323
DRZ5167	111000	5001014181	110889	5010508379	113676	7485003033	115889
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DRZ5170	111786	5001014187	113465	5010508380	113672	7485003228	112189
DRZ5171	111190	5001014196	111231	5010508380	115881	7485003371	115593
DRZ5172	112301	5001014203	110512	5010508381	115517	7485003371	115887
DRZ5173	111349	5001014215	110512	5010508382	114100	7485115899	114032
DRZ5174	110218	5001014221	113466	5010508382	115893	7485121829	114826
DRZ5175	110436	5001014227	111231	5010508443	113466	7485143838	114074
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DRZ5179	110229	5001833966	110163	5010589525	114212	7700042474	114513
DRZ5180	110226	5001837972	112159	5010589551	114212	7700045291	112442
DRZ5180	110227	5001847425	115454	5010853716	114100	7700046783	114513
DRZ5182	110221	5001847428	113673	5010853716	115893	7700046893	111332
DRZ5184	112846	5001847428	115882	5014648	115481	7700047132	113532
DRZ5185	111034	5001849990	112441	5830000132	111231	7700048828	114514
DRZ5188	113695	5001853707	113673	5830000632	111231	7700053184	115833
DRZ5189	110347	5001853707	115882	6000100325	110641	7700061622	113532
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RS41001	110241	5001853710	115883	6000102394	110536	7700067836	114903
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RS41058	114888	5001853716	114100	6001548553	113862	7700071558	114000
RS41085	115591	5001853716	115893	6001548554	114673	7700072251	113532
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<b>RENAULT</b>		5001860274	112189	6005001146	110536	7700100647	111251
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231008137R	114826	5001868233	115894	6005007548	110819	7700106426	113481
2330000Q1J	115829	5001874640	114244	6005007750	110178	7700106501	111719
2330000Q1M	113920	5010050785	110163	6005011729	111332	7700106763	113481
2330000Q2C	113897	5010058424	110163	6005012976	111755	7700107124	111722
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233001375R	115829	5010090683	113466	6005700083	110178	7700113209	112295
23300-1375R	115829	5010090684	113465	6005700084	110641	7700113627	113929
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		5010306801	112189	7420997664	115889	7700377092	113280

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>RENAULT</b> <i>Continued</i>							
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7700416958	112679	7700780507	112728	7701474416	113940	7711135519	114122
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7700422143	111719	7700784890	111325	7701475896	114463	7711135812	113837
7700422237	112199	7700784891	111325	7701476808	113945	7711135849	113932
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7700431944	112470	7700851491	111063	7701499208	111072	7711497302	115728
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7700730756	113134	7701351394	110367	7711134216	113577	8200153713	113245
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7700758217	110585	7701381632	110856	7711134753	115549	8200237594	114161
7700759289	111063	7701381633	110367	7711134758	113249	8200240487	114180
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7700764382	111082	7701473614	114673	7711134934	112474	8200262462	114122
7700764429	111114	7701473636	112144	7711135101	114814	8200266777	113932
7700767420	111082	7701473660	115711	7711135112	113945	8200285128	113897
				7711135332	115310	8200290215	115310
				7711135333	113919	8200290217	113919

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
8200298371	114057	8200660041	115649	GNU4900	113346	YLE101790	112203
8200299173	114301	8200660044	115549	LR001200	115671	YLE101890	114241
8200306595	113897	8200660045	113403	LR002348	115943	YLE102000	114386
8200317008	114526	8200660053	115655	LR003468	115725	YLE102020	112472
8200323126	115766	8200665518	115842	LR003469	115468	YLE102060	114242
8200323137	115382	8200665520	115728	LR007372	115725	YLE102080	114386
8200325823	114463	8200667603	113940	LR007373	115468	YLE102200	111176
8200327183	115716	8200667603	116048	LR009338	115943	YLE102330	115864
8200331251	112474	8200667605	112199	LR009432	115468	YLE102400	114147
8200356669	114768	8200667607	115766	NAD000030	115616	YLE102420	112414
8200360480	114463	8200667608	113940	NAD000090	113446	YLE102430	112414
8200369521	114095	8200667608	116048	NAD10033	113346	YLE102500	112472
8200373636	112457	8200667610	115419	NAD10038	111865	YLE102500L	112472
8200385098	113862	8200667611	114039	NAD100380	111865	YLE500090	114352
8200386806	113940	8200667614	114882	NAD100390	112439	YLE500170	113881
8200386806	116048	8200667618	115310	NAD10046	111269	YLE500180	112468
8200390667	114354	8200667619	115411	NAD100580	113928	YLE500190	114491
8200390675	114463	8200674762	114879	NAD100740	113346	YLE500200	114704
8200390676	114721	8200690190	112471	NAD100750	113346	YLE500250	115930
8200392926	111718	8200690202	113245	NAD100790	113361	YLE500300	113990
8200399594	113897	8200692863	112144	NAD100952	115950	YLE500310	114064
8200400891	115655	8200692865	112144	NAD101070	113346	YLE500340	113990
8200402016	114074	8200692868	113837	NAD101080	113346	YLE500400	114704
8200404300	113837	8200692869	114122	NAD101090	113601	YLE500410	115928
8200404459	114509	8200726639	114768	NAD101140	113965	YLE500420	115930
8200406207	114131	8200727051	112144	NAD101190	111865	YLE500440	113990
8200410669	115411	8200728292	114354	NAD101240	113662		
8200410671	115419	8200741476	114869	NAD101260	113346	<b>SAMSUNG</b>	
8200410674	114039	8200772726	114882	NAD101340	113281	7383-10000	112365
8200410681	114882	8200792969	115698	NAD101420	113601		
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8200495294	115310	8201268221	115341	NAD500160E	115822	0330-402-0011	114337
8200495301	113248	8953002125	111490	NAD500210	112439	0330-402-0012	114337
8200495302	112471	8953002577	112541	NAD500270	113959	0330-402-0310	114337
8200495304	113245	8982775029	113500	NAD500330	115642	0330-402-0311	114337
8200495305	113919			PRC5449	111740	0330-402-0320	114337
8200519296	115648	<b>ROMANIA (E/P)</b>		PRC6578	111865	0350-402-0111	113130
8200523616	114673	2130	110640	RTCS5053	111740	0350-402-0112	113130
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8200538408	113919	DM2134	110640	YLE000010	114386	0350-402-0114	113130
8200538751	115842	DM2138	110529	YLE000040	112426	0350-402-0115	113130
8200538815	113248	DM2140	110367	YLE000051	112468	0350-402-0116	113130
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8200568535	114074	DM92140	110367	YLE000260	112472	0350-402-0327	113130
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8200584664	114180	<b>ROVER GROUP</b>		YLE10018	111364	0350-502-0131	110616
8200584675	113897	38522296F	114405	YLE10019	111738	0350-552-0014	114337
8200584685	113927	AMR2938	112025	YLE10021	111364	0350-552-0061	114337
8200584837	114057	AMR4248	112021	YLE10025	112238	0350-552-0311	114017
8200584843	113897	AMR5425	112021	YLE10035	111738	0350-552-0320	113130
8200588648	115411	AMR5425E	112021	YLE10050	111364	0350-552-0321	113130
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8200628419	112474	ERR5834	114452	YLE10067	111355	0350-552-0324	113130
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8200634602	112475	GNU2327	111578	YLE10088	110891	0350-552-0330	114017
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8200634604	114161	GNU2335	111841	YLE10105	111176	0350-552-0357	114441
8200654541	114131	GNU2393	112238	YLE10113	112021	0350-602-0118	114344
8200660020	114122	GNU2397	114386	YLE10118	113763	0350-602-0261	114421
8200660022	114700	GNU2478	111756	YLE10124	112025	0350-702-0024	114345
8200660025	115382	GNU2521	112203	YLE101500	114386	0350-702-0025	114345
8200660029	115716	GNU2562	112472	YLE101520	111756	0350-702-0180	114345
8200660033	114463	GNU2727	114386	YLE101530	112202	0350-702-0226	114345
8200660034	114721	GNU2728	114386	YLE101560	112238	0350-702-0294	114345
8200660035	113837	GNU4737	111442	YLE101570	111355	0350-702-0339	114345
8200660037	114131	GNU4773	112214	YLE101580	111355	0355-502-0019	114436
8200660040	112144	GNU4814	113346	YLE101640	111289	0355-502-0040	114436
				YLE101700	112238	0355-502-0041	114436

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>SCANIA</b>							
0518064	114028	571498	111886	0003250V010	112384	23700-AA450	114214
0579261	113891	571518	112076	0003250V011	112384	23700-AA540	114214
0579261	115509	571519	112343	0004717V005	114040	32990-0100	110128
1105367	112757	571520	112343	0004717V006	114040	42990-5600	110385
1105368	112076	571523	111720	A6601510101	114051	42990-7040	110703
1117252	111834	571527	111720	Q0002801V003000000	114025	42990-7050	110703
1332903	112224	571613	114028	Q0002801V004000000	114025	42990-7100	110703
1335929	112224	571614	114753	Q0002801V005000000	112384	42990-7110	110703
1336136	111886	571688	115800	Q0002801V006000000	112384	42990-7330	110267
1357709	111910	573015	114382	Q0003188V004000000	112380	42990-7340	110267
1371679	111720	<b>SEAT → VOLKSWAGEN</b>		Q0003188V004000000	115951	42990-7400	110267
1377400	111720	<b>SEV</b>		Q0003188V005000000	112380	42990-7600	110703
1394969	111886	70229002	110048	Q0003188V005000000	115951	42991-7300	111451
1404788	110527	70229102	111397	Q0003188V006000000	112380	42991-7310	111451
1409378	111886	70229502	111397	Q0003188V006000000	115951	42991-7500	111451
1409380	111886	70229602	111397	Q0003188V007000000	112380	82990-6110	110128
1433688	111720	70229702	110127	Q0003188V007000000	115951	<b>SUZUKI</b>	
1433689	111720	70229802	111397	Q0003250V007000000	114025	30A68-00800	114079
1440768	111720	70229802	111397	Q0003250V008000000	114025	31000-82631	111310
1440769	111720	70230002	111397	Q0003250V008000000	114025	31000-85010	111385
1447911	113891	70230002	111397	Q0003250V009000000	112384	31000-85010	111385
1447911	115509	70230202	111397	Q0003250V010000000	112384	31100-14F00	114182
1447912	113859	70230302	111397	Q0003250V010000000	112384	31100-14F01	114182
1475569	114753	70230502	111397	<b>SSANG YONG</b>		31100-14F01	114182
1475570	114028	71212702	110887	0091543002	112529	31100-38300	114103
1516176	115800	71233002	110931	1621543002	112530	31100-40B01	111922
1516316	114861	71236002	111139	6611513101	111065	31100-51A90	111561
1525447	115800	71249002	110052	6611513201	111065	31100-51K00	114871
160675	112343	71270702	110887	6611513201	111065	31100-55L00	115444
163394	110214	71271402	110887	6611513401	111065	31100-60A10	110394
1763035	114753	71273402	110048	6611513401	111065	31100-60A11	110394
1763036	114753	71314202	111226	6611513501	111065	31100-60A12	110394
1774592	115800	71340002	110052	6611513701	112440	31100-60A13	110394
1774594	114861	71427002	110048	6611513801	114270	31100-60A20	110394
1777300	114861	71427012	110048	6611513901	111065	31100-60A22	110394
1796026	113891	71427052	110127	6611514101	112440	31100-60A30	114225
1797880	115439	71427102	110127	6621543202	112578	31100-60AB0	110394
1797880	115876	71427302	110127	6621544102	112578	31100-60AB1	110394
183868	110527	71429702	110127	6651510101	114270	31100-60AB2	110394
1884268	114382	71429802	110127	6651510201	114270	31100-60AC2	110394
1888010	114753	71429802	110127	A1621543002	112530	31100-60AD0	114225
2008268	115439	71430402	110127	A6621543202	112578	31100-60B50	111310
2008268	115876	71470302	110127	A6621544102	112578	31100-60B51	111310
2031368	113891	71470402	110048	<b>STEYR → MERCEDES BENZ</b>		31100-60G10	111310
2031368	115509	71470502	110127	<b>SUBARU</b>		31100-60G11	111310
2148650	113891	71470602	110048	23300-AA020	111451	31100-62030	111310
2148650	115509	71473602	110127	23300-AA050	111451	31100-63J00	114060
257592	111834	71473802	110048	23300-AA190	111451	31100-63J10	114060
263356	110527	71473902(2)	110048	23300-AA200	111552	31100-64G00	111310
2809251	111720	71490502	110052	23300-AA210	111451	31100-65DA0	112300
309220	110212	71490702	110052	23300-AA220	111552	31100-65J10	115538
310563	110527	71490802	110052	23300-AA221	111552	31100-67D10	112300
349575	112119	71491002	110052	23300-AA220	111552	31100-67D20	112300
349576	110214	71523002	110127	23300-AA221	111552	31100-67J00	112474
349578	110212	71523102	110127	23300-AA270	111552	31100-68D00	114061
420247	112343	71543002	110052	23300-AA280	111552	31100-70B20	111849
460675	112343	71554102	110112	23300-AA300	111451	31100-73010	110421
472302	112343	71716600	112230	23300-AA380	111552	31100-73030	110421
475885	112424	<b>SKODA → VOLKSWAGEN</b>		23300-AA381	111552	31100-73031	111475
549276	111720	<b>SMART</b>		23300-AA390	111451	31100-73033	111475
571167	112224	0001477V006	114051	23300-AA40A	111552	31100-73034	111475
571168	111910	0002801V003	114025	23300-AA420	111552	31100-73035	111475
571413	111834	0002801V004	114025	23300-AA450	111552	31100-73036	111475
571414	112757	0002801V005	112384	23300-AA460	111451	31100-73071	110421
571416	111886	0002801V006	112384	23300-AA560	111552	31100-73090	110421
571419	112424	0003188V004	112380	23300-AA570	111451	31100-73K00	114871
571420	110527	0003188V005	115951	23300-AA573	111451	31100-75F00	111849
571427	111910	0003188V006	112380	23300-AA650	111552	31100-75F01	111849
571438	111886	0003188V007	112380	23700-AA000	110267	31100-75F02	111849
571439	114753	0003188V008	115951	23700-AA020	110267	31100-75F10	111849
571453	112119	0003188V009	115951	23700-AA030	110703	31100-75F60	114060
571454	110214	0003188V010	115951	23700-AA040	110703	31100-77E10	112300
571462	112224	0003188V011	115951	23700-AA090	111611	31100-77E11	112300
571463	111910	0003188V012	115951	23700-AA36A	113315	31100-77E20	112300
571467	113891	0003188V013	115951	23700-AA370	113634	31100-77E22	112300
571468	113859	0003188V014	115951	23700-AA37A	113634	31100-77E90	110389
571475	115800	0003250V007	114025	23700-AA380	114214	31100-78021	111561
571497	112424	0003250V008	114025	23700-AA390	113634	31100-78611	110402
		0003250V009	112384	23700-AA420	114214	31100-79610	110402
				23700-AA430	113634	31100-79611	110402



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
31100-79620	111385	31400-59J00	115957	31400-84E10	114247	37000	112570
31100-79621	111385	31400-60A00	111279	31400-84E11	114247	37425	112566
31100-79628	111385	31400-60A10	111279	31400-85E00	113720		
31100-79630	110402	31400-60A11	111279	31400-85E00	116064	<b>THERMO KING</b>	
31100-79631	110402	31400-60A20	111279	31400-86010	110965	1E32215G01	111216
31100-79650	110402	31400-60A21	111279	31400-86520	111279	1E51760G01	111216
31100-79660	110402	31400-60ACO	111279	31400-86521	111279	25-35458-00	110246
31100-79661	110402	31400-60AC1	111279	31400-86G00	114023	25-35465-00	110246
31100-79680	110402	31400-60B11	110967	31400-M68K10	115868	27D2786G01	110487
31100-79F00	111310	31400-60B30	111279	31400-M70F60	110967	2D72785G01	110487
31100-79J00	113430	31400-60B31	111279	31400-M79G00	111779	2D72786G01	110487
31100-80091	111475	31400-60B40	110967	31400-T85E00	113722	2D72786G03	110487
31100-80092	111475	31400-60B50	111279	31400-T85E00	115963	2D72787G01	110488
31100-80094	111475	31400-60E10	111279	32A66-00101	111272	2D72787G02	110488
31100-80E00	111310	31400-60E11	111279	32A66-00600	111272	30-363-03	110371
31100-80E10	111310	31400-60G10	111779	32A66-10101	111272	3041C58G01	112249
31100-80G0	114060	31400-60G11	111779	32A66-20601	111272	3185C37G01	110590
31100-80G00	114060	31400-60G12	111779	34466-15102	111913	3D97385G01	110487
31100-80G1	115349	31400-60G13	111779			3D97386G01	110487
31100-80G10	115349	31400-65D00	114247	<b>SAAB</b>			
31100-80X51	111475	31400-65D01	114247	12759595	114284	3D97386G03	110487
31100-81010	111561	31400-65D02	114247	12762730	113352	3D97387G01	110488
31100-82010	111310	31400-65G00	113485	12785604	114257	3D97387G02	110488
31100-82011	111310	31400-65J10	114881	12785605	114468	4116D22G03	110487
31100-82016	111310	31400-66002	113322	4070428	110847	4117D21G01	110177
31100-82021	110394	31400-66010	110258	4235610	110847	4117D21G02	110177
31100-82030	111310	31400-66D00	113322	4565881	114381	41-5458	111216
31100-82031	111310	31400-66D01	113322	4665881	114381	41-6780	111216
31100-820D1	111310	31400-66D02	113322	4670428	110847	41-6781	113716
31100-82610	111310	31400-66D10	111779	4966842	110847	41-6782	113716
31100-82612	111310	31400-66D11	111779	4966847	110847	41-7912	111216
31100-82632	111310	31400-67J00	115305	5246889	114381	41-7913	113716
31100-826A0	111310	31400-68D02	112461	5248372	113273	41-7914	113716
31100-826A1	111310	31400-68K10	115868	5340419	114526	44-4021	110175
31100-826D2	111310	31400-70010	110258	5350087	115907	44-4731	110590
31100-83010	110394	31400-70F60	110967	5470513	114656	44-4751	110590
31100-83011	110394	31400-71310	110258	55352882	114058	44-5674	111683
31100-83020	110394	31400-71C10	111279	55353669	115597	44-6257	110177
31100-83030	110394	31400-71C20	111279	8512311	113474	44-6266	110177
31100-83031	110394	31400-71C30	111279	8530446	113474	44-7154	110487
31100-83421	110394	31400-71C50	110967	8545543	113474	44-7155	110487
31100-83E00	111310	31400-72010	110258	8828238	110847	44-7156	110488
31100-84350	111561	31400-72011	110258	93177834	115619	44-7376	110487
31100-84A00	115778	31400-73J00	113755	9544537	113674	44-7924	110487
31100-84A10	113897	31400-74010	110258			44-7925	110487
31100-84EC0	113843	31400-75F00	113322	<b>TALBOT</b>			
31100-85010	111385	31400-75F01	113322	9104009880	111070	44-7927	110488
31100-85020	111385	31400-75F50	111779	A04009880	111070	44-8091	110487
31100-85291	110402	31400-75FD5	111779			44-8901	110487
31100-85C00	110394	31400-77E10	111950	<b>TECUMSEH</b>			
31100-85E00	113843	31400-77E11	111950	32423	112570	44-8902	110487
31100-86130	111310	31400-77E12	111950	32468	112564	44-8903	110487
31100-86CB1	111070	31400-77E20	111779	32468A	112564	44-8904	110488
31100-86G00	114060	31400-77E21	111779	32468B	112564	44-8940	110488
31100-87500	114867	31400-77E22	111779	33306	112312	44-8950	111216
31100-87J00	114867	31400-77E23	111779	33329	112570	44-9571	111216
31100-92330	111310	31400-77E90	112332	33329A	112570	44-9572	113716
31100-94400	112008	31400-78010	110258	33329B	112570	44-9716	113716
31100-94401	112008	31400-78210	110258	33329C	112570	44-9750	110487
31100-94402	112008	31400-79G00	111779	33329D	112570	44-9751	110487
31100-96310	112008	31400-79J00	113996	33329E	112570	44-9752	110487
31100-96311	112008	31400-80010	110385	33519	112570	44-9753	110488
31100-A83010	110394	31400-80011	110385	33519A	112570	44-9754	110487
31100-A83031	110394	31400-80E00	110967	33519B	112570	44-9755	110488
31100-M68K10	114761	31400-80E10	114894	33605	112312	45-1263	110820
31100-M70F00	111310	31400-80G00	111779	33606	112312	45-1312	110485
31100-M79F00	111310	31400-80G10	114215	33607	114521	45-1335	110485
31100-M81110	111561	31400-80G10ATO	114215	33835	112313	45-1671	110820
31100-M82011	111310	31400-80J00	114881	35096	112570	45-1688	112371
31100-M82012	111310	31400-81A00	113322	35763	112312	45-1718	110485
31100-M82013	111310	31400-82610	110965	35763A	112312	45-1993	110820
31100-M82020	111310	31400-82611	110965	35765	112564	45-220	112249
31100-M82021	111310	31400-83010	110965	35765A	112564	45-2254	111216
31100-M86J01	113843	31400-83E00	111779	36264	112565	45-267	112249
31100-W0100	113527	31400-83E10	114894	36463	112312	45-338	112249
31400-50G10	111279	31400-84A00	114207	36680	112312	45-5657	111683
31400-52D10	111950	31400-84A01	114207	36795	112565	46-237	111043
31400-55L00	114247	31400-84E00	114245	36914	112566	46-2663	112249
31400-55L01	114247	31400-84E01	114245			46-304	111043
						46-372	111043
						46-452	111043

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>THERMO KING</b> <i>Continued</i>							
46-462	111043	27020-31030	110137	27020-87702	110138	27060-0D170	114709
46-587	111043	27020-31031	110137	27020-87705	110137	27060-0D190	114709
46-781	111043	27020-31032	110137	27020-96601	110563	27060-0D191	114709
5D33839G01	111216	27020-31033	110137	27030-54130	114288	27060-0D300	114709
5D35740G01	110487	27020-31034	110137	27030-54140	114288	27060-0F020	114434
5D35741G01	110487	27020-31040	110138	27030-54150	114288	27060-0G011	114390
5D35741G02	110487	27020-31041	110138	27030-54160	114288	27060-0G021	114410
5D35741G03	110487	27020-31042	110138	27030-54190	111483	27060-0H070	115416
5D35741G04	110487	27020-31043	110138	27030-54210	114288	27060-0J010	114005
5D35742G01	110488	27020-31050	110137	27030-54241	111483	27060-0J020	114006
5D35742G02	110488	27020-31051	110137	27030-54242	111483	27060-0J030	114005
5D35742G03	110488	27020-31071	110138	27030-54243	111483	27060-0J040	114006
5D37920G01	113716	27020-31080	110138	27030-54244	111483	27060-0L020	114024
5D38603G01	111216	27020-31090	110137	27030-54250	111483	27060-0L021	114024
5D38604G01	113716	27020-32011	110138	27030-54251	112054	27060-0L022	114024
5D50461G01	113716	27020-33010	110138	27030-54252	112054	27060-0L040	114024
		27020-33011	110138	27030-54253	112054	27060-0L060	114024
		27020-33020	110138	27030-54260	111483	27060-0L080	114024
		27020-33021	110138	27030-54261	111483	27060-0L081	114024
		27020-33022	110138	27030-54262	111483	27060-0L090	114024
		27020-33030	110138	27030-54263	111483	27060-0N011	114291
		27020-33036	110138	27030-56080	111613	27060-0N020	113972
		27020-33040	110138	27030-56090	111613	27060-0N021	113972
		27020-34030	110138	27030-56150	111484	27060-0N031	113972
		27020-34031	110138	27030-56220	111613	27060-0N040	115657
		27020-36021	110138	27030-56250	111613	27060-0Q010	114090
		27020-36041	110138	27030-56340	111613	27060-0Q011	114090
		27020-36042	110138	27030-68040	111596	27060-0Q020	114099
		27020-36043	110138	27030-68120	111596	27060-0Q021	114099
		27020-36060	110138	27030-YE010	114372	27060-0Q030	114290
		27020-36061	110138	27040-54030	114203	27060-0Q040	114311
		27020-36070	110138	27040-54050	114203	27060-0Q050	114090
		27020-36071	110138	27040-54060	114203	27060-0Q060	114290
		27020-36080	110138	27040-54080	114203	27060-0Q100	114099
		27020-38011	110138	27040-54100	114203	27060-0Q120	114090
		27020-38012	110137	27040-54130	111605	27060-0Q130	114099
		27020-38031	110138	27040-54151	114203	27060-0R011	114490
		27020-38120	110138	27040-54160	111605	27060-0R040	114490
		27020-39020	110138	27040-54190	111605	27060-0R070	114390
		27020-40060	110138	27040-54191	111605	27060-0R071	114390
		27020-40061	110138	27040-54210	111605	27060-0R080	114410
		27020-40062	110138	27040-54220	111605	27060-0T010	114455
		27020-41032	110138	27040-54230	111605	27060-0T020	115863
		27020-41033	110138	27040-54240	111605	27060-0T021	115863
		27020-41034	110138	27040-54270	114203	27060-0T050	114694
		27020-44030	110138	27040-54271	114203	27060-0T051	114694
		27020-44042	110138	27040-54272	114203	27060-0T180	114694
		27020-45031	110248	27040-54280	111963	27060-0T181	114694
		27020-45071	112763	27040-54300	111963	27060-0Y010	114897
		27020-54160	114288	27040-54310	111963	27060-0Y020	114904
		27020-54210	114288	27040-54320	111601	27060-0Y030	114897
		27020-54250	111483	27040-54340	111601	27060-0Y040	114682
		27020-54351	111483	27040-54350	111960	27060-0Y060	114900
		27020-54352	111483	27040-54360	114369	27060-10010	110496
		27020-54353	111483	27040-54370	111963	27060-10011	110496
		27020-54354	111483	27040-54380	111963	27060-10030	110628
		27020-54383	112054	27040-54410	111963	27060-10050	110628
		27020-56110	111613	27040-54440	111963	27060-10051	110628
		27020-56180	111484	27040-54450	111963	27060-10060	110496
		27020-56230	111613	27040-54500	111963	27060-10061	110496
		27020-60070	110138	27040-54580	111963	27060-10070	110628
		27020-63010	110250	27040-64010	114203	27060-10071	110628
		27020-68040	111596	27060-02020	110682	27060-10080	110628
		27020-68130	111596	27060-02040	111579	27060-10090	110496
		27020-72010	110248	27060-02050	112860	27060-10100	110628
		27020-72030	110248	27060-02060	112860	27060-11000	110628
		27020-72050	110248	27060-02061	112860	27060-11050	110496
		27020-72060	110248	27060-02070	112860	27060-11120	110496
		27020-72200	110248	27060-02100	112860	27060-11160	110496
		27020-72230	110248	27060-03040	111468	27060-11170	111518
		27020-72240	110248	27060-03050	111468	27060-11250	111678
		27020-78601-71	110563	27060-03060	111468	27060-11260	111678
		27020-87102	110137	27060-0D020	113296	27060-11270	111518
		27020-87103	110137	27060-0D030	113296	27060-11280	111518
		27020-87209	110137	27060-0D050	114361	27060-11281	111518
		27020-87216	110258	27060-0D060	114361	27060-11320	111518
		27020-87507	110258	27060-0D110	114361	27060-11340	111518
		27020-87509	110258	27060-0D140	114709	27060-15080	111579
		27020-87701	110138	27060-0D160	113296	27060-15090	111579

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
27060-15100	111579	27060-30040	114024	27060-67070	112063	27060-96001	110620
27060-15110	111579	27060-30050	114024	27060-67110	112063	27060-97202	113306
27060-15120	111579	27060-30060	113969	27060-70050	111705	27060-97203	113306
27060-15130	111579	27060-30120	114024	27060-70500	115790	27060-OD060	114361
27060-15140	111579	27060-30130	113969	27060-72010	110675	27060-YU020	113755
27060-15150	111579	27060-30150	114024	27060-72050	110675	27060-YV010	112469
27060-16010	110496	27060-30151	114024	27060-72060	110675	27060-YV020	113755
27060-16011	110496	27060-30154	114024	27060-72061	110675	27070-23000-71	111017
27060-16012	110496	27060-33020	114041	27060-72062	111428	27070-23001-71	111018
27060-16041	111705	27060-33030	114012	27060-72070	111428	27070-23040-71	110117
27060-16050	110496	27060-33040	114206	27060-72071	111428	28100-01030	110713
27060-16051	110496	27060-33050	113970	27060-72090	111428	28100-02040	111984
27060-16060	111705	27060-33051	113970	27060-72100	111428	28100-02060	111984
27060-16090	110496	27060-33071	113972	27060-72101	111428	28100-02080	111984
27060-16091	110496	27060-33072	113972	27060-72120	111428	28100-03030	111544
27060-16100	110682	27060-33100	115657	27060-72121	111428	28100-03070	111550
27060-16122	110682	27060-35060	113077	27060-72160	110675	28100-03100	112367
27060-16140	110682	27060-35061	113077	27060-72171	110675	28100-05030	112336
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27060-16151	110496	27060-35081	113077	27060-74010	111705	28100-07010	113119
27060-16160	110682	27060-35120	113077	27060-74020	111705	28100-08010	111874
27060-16170	110682	27060-35130	113077	27060-74070	111705	28100-08020	110411
27060-16230	110682	27060-37010	115863	27060-74100	111705	28100-08040	113108
27060-16260	110682	27060-37011	115863	27060-74110	111435	28100-0A010	114342
27060-16280	111705	27060-40020	114290	27060-74120	111435	28100-0B010	112006
27060-16320	111517	27060-40041	114290	27060-74130	111435	28100-0B020	112006
27060-16350	111517	27060-42030	111705	27060-74140	111435	28100-0D030	113271
27060-16370	112860	27060-42060	111705	27060-74150	111435	28100-0D050	113271
27060-16390	112860	27060-43050	111428	27060-74160	111538	28100-0D080	114419
27060-16430	112860	27060-43060	111428	27060-74170	111538	28100-0D090	114056
27060-16460	112860	27060-43061	111428	27060-74180	112102	28100-0D130	113271
27060-17030	111781	27060-43062	111428	27060-74190	111435	28100-0D180	114056
27060-17060	111782	27060-43090	111428	27060-74210	111435	28100-0E010	113649
27060-17120	116029	27060-43110	111428	27060-74250	111538	28100-0G010	112006
27060-17160	112360	27060-43111	111428	27060-74270	111705	28100-0G020	112006
27060-17170	112356	27060-43120	111428	27060-74290	111435	28100-0G040	114216
27060-17171	112356	27060-43990	110675	27060-74320	111538	28100-0H050	114817
27060-17210	112360	27060-46050	113089	27060-74330	112102	28100-0H051	114817
27060-17220	112356	27060-46060	113089	27060-74360	111468	28100-0H060	114037
27060-17230	115415	27060-46140	113089	27060-74370	111517	28100-0H061	114037
27060-18010	110496	27060-46250	113089	27060-74380	111517	28100-0H110	114037
27060-21010	115660	27060-47050	114897	27060-74400	111517	28100-0J010	113313
27060-21020	115791	27060-50010	113085	27060-74410	111468	28100-0J020	114125
27060-21030	115791	27060-50011	113085	27060-74430	112101	28100-0L030	114731
27060-21031	115791	27060-50070	113090	27060-74450	111517	28100-0L040	113757
27060-21040	115660	27060-50080	113090	27060-74560	111468	28100-0L041	113757
27060-22020	114361	27060-50140	113090	27060-74590	111468	28100-0L042	113757
27060-22030	114361	27060-50250	114433	27060-74630	111517	28100-0L050	114853
27060-22040	114361	27060-50260	114433	27060-74640	111468	28100-0L051	114853
27060-22060	114158	27060-54070	111605	27060-74730	111517	28100-0L052	114853
27060-22100	114361	27060-54080	111605	27060-74740	111468	28100-0L070	115594
27060-22120	114361	27060-54140	111963	27060-74750	111468	28100-0L072	115594
27060-22130	114361	27060-54210	111601	27060-74830	111468	28100-0L080	113757
27060-22140	114158	27060-54290	111963	27060-75030	112358	28100-0L081	115594
27060-22160	114361	27060-55020	110496	27060-75040	113091	28100-0N010	114068
27060-22180	114361	27060-58150	116029	27060-75080	111428	28100-0N040	115723
27060-22190	114361	27060-58230	116029	27060-75100	112357	28100-0N050	115644
27060-23020	114231	27060-58260	114363	27060-75150	112357	28100-0Q012	113963
27060-23030	114231	27060-62011	111480	27060-75190	112358	28100-0Q021	113963
27060-23061-71	112252	27060-62012	111480	27060-76070	111537	28100-0Q031	115524
27060-26030	114410	27060-62019	111965	27060-76080	111537	28100-0Q041	114661
27060-26060	115669	27060-62160	114362	27060-76305	111018	28100-0Q050	114661
27060-27030	114227	27060-62190	114362	27060-78001	110620	28100-0Q080	115524
27060-27040	114115	27060-63020	111705	27060-78001-71	110620	28100-0Q081	115524
27060-27060	114010	27060-63021	111705	27060-78003-71	110629	28100-0R010	114216
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27060-28060	113902	27060-63101	111705	27060-78203-71	113989	28100-0T060	114886
27060-28070	114273	27060-64080	111507	27060-78301-71	110564	28100-0W080	114071
27060-28080	113902	27060-64100	111507	27060-78304-71	112252	28100-0Y010	115613
27060-28090	113902	27060-64130	111598	27060-78305	111018	28100-10030	110323
27060-28100	113902	27060-64150	111598	27060-78305-71	111018	28100-10040	110709
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27060-28120	114186	27060-64270	112363	27060-87512	111437	28100-11060	113665
27060-28260	114273	27060-67010	112063	27060-87602	111437	28100-11080	113665
27060-30010	114024	27060-67020	112063	27060-87603	111610	28100-11100	113649
27060-30020	114024	27060-67030	112063	27060-87802	115319	28100-11140	113665
27060-30030	114024	27060-67040	112063	27060-87206	111437	28100-11160	113649

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>TOYOTA</b> <i>Continued</i>							
28100-12012	110421	28100-30080	113938	28100-41060	110396	28100-67051	113757
28100-12030	110421	28100-31020	110154	28100-42010	110396	28100-67052	113757
28100-12040	110421	28100-31021	110154	28100-42011	110396	28100-67070	113938
28100-14014	110154	28100-31022	110154	28100-42021	110396	28100-70050	114223
28100-16010	111455	28100-31030	110154	28100-44050	110396	28100-72010	110397
28100-16020	110713	28100-31625-71	110581	28100-45020	110396	28100-72030	110397
28100-16040	111455	28100-33010	110152	28100-45021	110396	28100-72060	110397
28100-16041	111455	28100-33011	110152	28100-45022	110396	28100-72080	110397
28100-16070	111455	28100-33020	110152	28100-45023	110396	28100-72100	110397
28100-16071	111455	28100-33040	114071	28100-45030	110396	28100-74020	111544
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28100-16130	110713	28100-33070	115643	28100-45032	110396	28100-74050	111544
28100-16140	110713	28100-33071	115643	28100-45033	110396	28100-74070	111544
28100-16150	110713	28100-33080	114071	28100-45050	110396	28100-74090	111544
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28100-16180	111984	28100-33120	115644	28100-46040	114336	28100-74130	111550
28100-16190	110713	28100-33121	115644	28100-47090	110581	28100-74140	111550
28100-16210	110713	28100-34010	110152	28100-47091	110581	28100-74200	111463
28100-16230	111455	28100-34020	110152	28100-47120	115613	28100-74240	113244
28100-16240	111984	28100-34040	110411	28100-47121	115613	28100-74250	111463
28100-16270	111984	28100-34042	110411	28100-47122	115613	28100-74260	112367
28100-17010	113239	28100-34043	110411	28100-47130	115613	28100-74270	112367
28100-17020	111679	28100-34044	110411	28100-47131	115613	28100-74280	111550
28100-17030	111679	28100-34052	110411	28100-47132	115613	28100-74290	112367
28100-17040	113239	28100-34053	110411	28100-48011	114336	28100-75010	111785
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28100-17090	113239	28100-34070	110152	28100-50061	113171	28100-87213	111455
28100-20020	114037	28100-34080	110260	28100-50062	113171	28100-87510	111088
28100-20021	114037	28100-34090	110152	28100-50070	113171	28100-87517	111088
28100-20540	110152	28100-34100	110260	28100-50090	114440	28100-87551	114851
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28100-20551-71	110411	28100-35030	110260	28100-54011	110708	28100-87603	111464
28100-20552	110411	28100-35040	110411	28100-54032	110708	28100-87803	113208
28100-20552-71	110411	28100-35060	110411	28100-54042	110708	28100-B8010	115755
28100-20553-71	110411	28100-35090	113108	28100-54051	110708	28100-U2100-71	113108
28100-20557	110411	28100-35100	113109	28100-54052	110708	28100-YV010	113254
28100-20571	110411	28100-35140	110411	28100-54061	110708	28100-YV020	113933
28100-20572	110411	28100-36020	110152	28100-54070	111387	28300-22003-71	110411
28100-21020	113314	28100-36030	110152	28100-54090	110708		
28100-21021	113314	28100-36040	110152	28100-54100	111387		
28100-21022	113314	28100-36050	110152	28100-54110	111387		
28100-21030	113314	28100-36051	110152	28100-54140	110708		
28100-21031	113314	28100-36060	110152	28100-54150	110708		
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28100-21060	114239	28100-36090	110152	28100-54180	111387		
28100-21061	114239	28100-37010	110152	28100-54190	110708		
28100-21062	114239	28100-37011-71	110152	28100-54220	110708		
28100-21063	114239	28100-37020	114886	28100-54250	110708		
28100-22000	110411	28100-37021	114886	28100-54270	112336		
28100-22010	110421	28100-37030	114886	28100-54290	111387		
28100-22011	110421	28100-37031	114886	28100-54310	112336		
28100-22012	110421	28100-37032	114886	28100-54320	113936		
28100-22020	110421	28100-40010	110154	28100-54340	112336		
28100-22021	110421	28100-40011	110154	28100-54370	113936		
28100-22022	110421	28100-40012	110154	28100-54380	112336		
28100-22040	113271	28100-40013	110154	28100-54390	113936		
28100-22041	113271	28100-40014	110154	28100-54400	112336		
28100-22060	110490	28100-40015	110154	28100-54410	112336		
28100-22060-71	110490	28100-40040	110152	28100-54460	112336		
28100-22061	110490	28100-40041	110152	28100-54470	113936		
28100-22061-71	110490	28100-40050	110152	28100-54490	113936		
28100-23010	110154	28100-40060	110152	28100-54491	113936		
28100-23011	110154	28100-40061	110152	28100-56040	114417		
28100-23020	113313	28100-40070	115524	28100-62020	111544		
28100-23030	114889	28100-40071	115524	28100-62021	111544		
28100-23660-71	113238	28100-40090	115524	28100-62050	113119		
28100-23800-71	111189	28100-40091	115524	28100-64040	111564		
28100-23810-71	110260	28100-40100	110154	28100-64140	111564		
28100-28010	113244	28100-40110	110154	28100-64190	111564		
28100-28041	114037	28100-40120	110154	28100-64210	111564		
28100-28050	114255	28100-40130	110154	28100-64290	111564		
28100-28051	114255	28100-40140	110154	28100-64300	114240		
28100-28052	114255	28100-40291-71	112036	28100-64310	111874		
28100-28053	114255	28100-41010	110396	28100-64430	111874		
28100-28070	114255	28100-41011	110396	28100-66040	113169		
28100-28082	114255	28100-41012	110396	28100-66050	113169		
28100-30050	113938	28100-41013	110396	28100-66060	113169		
28100-30051	113938	28100-41020	110396	28100-67030	113757		
28100-30060	113757	28100-41030	110396	28100-67050	113757		
<b>UNIPOINT</b>							
ALT-0071	114430						
ALT-0101	112076						
ALT-0102	112159						
ALT-0103A	112561						
ALT-0104	111886						
ALT-0105	112757						
ALT-0106	112345						
ALT-0107	111987						
ALT-0108	111834						
ALT-0109	111146						
ALT-0110	110895						
ALT-0111	112803						
ALT-0112	112189						
ALT-0113	111631						
ALT-0113X	111746						
ALT-0130	110427						
ALT-0136	114423						
ALT-0170	112294						
ALT-0173	114374						
ALT-0190	114347						
ALT-0191	114348						
ALT-0192	114349						
ALT-0193	110176						
ALT-1002	112824						
ALT-1003	113579						
ALT-1004	112834						
ALT-1010A	110233						
ALT-1010AS	110505						
ALT-1022	110075						
ALT-1023	110504						
ALT-1030	110508						
ALT-1031	110471						
ALT-1032	110471						
ALT-1032B	110471						
ALT-1069	112893						
ALT-1070	112884						
ALT-1083	112886						
ALT-1096	112888						
ALT-1101	112160						



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ALT-1150	110801	ALT-2035	111353	ALT-3072	111807	ALT-4234	113535
ALT-1208	111708	ALT-2038	111676	ALT-3073	111237	ALT-4237	113943
ALT-1209	113349	ALT-2043	111479	ALT-3077	111375	ALT-4238	113336
ALT-1210	113350	ALT-2048	113298	ALT-3077D	111309	ALT-5016	113989
ALT-1211	111846	ALT-2050	113889	ALT-3078	111704	ALT-5019	112559
ALT-1212	114350	ALT-2056	112079	ALT-3101	113506	ALT-5020	111678
ALT-1240	114534	ALT-2057	111989	ALT-3104	114456	ALT-5021	110965
ALT-1241	114536	ALT-2060	111732	ALT-3105	113497	ALT-5022	110967
ALT-1281	114351	ALT-2061A	111898	ALT-3150	115630	ALT-5024	113401
ALT-1301A	111711	ALT-2062	111991	ALT-3212	111381	ALT-5025	111279
ALT-1301B	112639	ALT-2065	112557	ALT-3301	114424	ALT-5031	111578
ALT-1301C	112629	ALT-2066	111427	ALT-3351	114425	ALT-5035	110682
ALT-1307C	110984	ALT-2072	111988	ALT-3504	111315	ALT-5041	111579
ALT-1309A	111854	ALT-2073	112194	ALT-3508	111806	ALT-5042	111193
ALT-1310C	110503	ALT-2077	114431	ALT-3515	114432	ALT-5048	113067
ALT-1311B	111388	ALT-2082	112072	ALT-3516	114461	ALT-5050	111428
ALT-1311C	110499	ALT-2084	111828	ALT-3517	110802	ALT-5052	113076
ALT-1315C	110986	ALT-2085	112539	ALT-3518	110804	ALT-5055	110675
ALT-1317A	112447	ALT-2085A	114352	ALT-3522	111406	ALT-5056	113077
ALT-1321C	110985	ALT-2085U	111883	ALT-3523	112427	ALT-5059C	111517
ALT-1322B	110502	ALT-2086	112144	ALT-3523A	115871	ALT-5062	111518
ALT-1323C	112636	ALT-2087	112416	ALT-3523B	112427	ALT-5066	113063
ALT-1325B	111220	ALT-2089	114656	ALT-3523B	112427	ALT-5067	111705
ALT-1328C	111090	ALT-2089A	113272	ALT-3523B	113923	ALT-5069	111480
ALT-1329C	112640	ALT-2089B	113510	ALT-3523B	115870	ALT-5070	111609
ALT-1334B	112338	ALT-2090	113352	ALT-3523B	115879	ALT-5089	113089
ALT-1339B	110500	ALT-2094	114122	ALT-3531	115602	ALT-5092	111468
ALT-1402	111712	ALT-2094U	114353	ALT-3532	114508	ALT-5094	111018
ALT-1406	112614	ALT-2096U	113640	ALT-3533	112457	ALT-5095	110564
ALT-1407	112229	ALT-2097	113837	ALT-3600	114359	ALT-5097	111285
ALT-1410	112165	ALT-2097W	114354	ALT-3702	111285	ALT-5111A	114361
ALT-1411	111223	ALT-2111A	113351	ALT-3705	113035	ALT-5111B	113296
ALT-1412	112615	ALT-2113	113289	ALT-3710	113954	ALT-5113	114433
ALT-1415	112613	ALT-2114	113284	ALT-3718	112349	ALT-5115	114362
ALT-1418	112868	ALT-2115	114296	ALT-3725	113952	ALT-5129	111779
ALT-1420	112665	ALT-2116	114753	ALT-3729	113697	ALT-5132	113902
ALT-1433	111426	ALT-2117B	114212	ALT-4025	110970	ALT-5136	113763
ALT-1447	113498	ALT-2118	113998	ALT-4026	110607	ALT-5204	112583
ALT-1500	112853	ALT-2120	114355	ALT-4026P	111754	ALT-5214	113358
ALT-1503	112850	ALT-2122	112170	ALT-4027	111623	ALT-5301P	110629
ALT-1509	112850	ALT-2230	114413	ALT-4027	115890	ALT-5302	111048
ALT-1511	112853	ALT-2232	111843	ALT-4028	110770	ALT-5305	110620
ALT-1511	113777	ALT-2235	111216	ALT-4028A	114360	ALT-6082A	113051
ALT-1601	112949	ALT-2237	113716	ALT-4028F	112722	ALT-6087	113071
ALT-1603	112951	ALT-2251	114089	ALT-4028FP	110968	ALT-6090	113069
ALT-1606	112954	ALT-2252	112056	ALT-4029	110891	ALT-6096	113362
ALT-1607	112961	ALT-2253	111076	ALT-4029FP	113574	ALT-6180	114363
ALT-1608	112959	ALT-2300	112197	ALT-4029P	110178	ALT-6182	114364
ALT-1612	110724	ALT-2310	113992	ALT-4030	111176	ALT-6183	116029
ALT-1616	112958	ALT-2311	113751	ALT-4030FP	112238	ALT-6204	113433
ALT-1701	112936	ALT-2312	112397	ALT-4031	111741	ALT-6208	113235
ALT-1702	112931	ALT-2351	113958	ALT-4032	111738	ALT-6209	113559
ALT-1705	111200	ALT-2352	113947	ALT-4032A	113474	ALT-6210	113365
ALT-1706	112993	ALT-2420	113274	ALT-4036	110497	ALT-6213	114434
ALT-1706A	112933	ALT-2421	113951	ALT-4036A	112237	ALT-7001	111990
ALT-1708	112939	ALT-2422	113944	ALT-4036B	111356	ALT-7007	111718
ALT-1711	112927	ALT-3013	113656	ALT-4039	111740	ALT-7008	113485
ALT-1713	112932	ALT-3022	113657	ALT-4050	111418	ALT-7009	114114
ALT-1721	112947	ALT-3025	113563	ALT-4050	115873	ALT-7011	112162
ALT-1723	112956	ALT-3027	114129	ALT-4051	111148	ALT-7013	112769
ALT-1804	112940	ALT-3030	111405	ALT-4071	113471	ALT-7014	111325
ALT-1805	111199	ALT-3032	113373	ALT-4206	113405	ALT-7015	112287
ALT-1806	112921	ALT-3034	113634	ALT-4208	111413	ALT-7016	112681
ALT-1808	112151	ALT-3036	114356	ALT-4210	111505	ALT-7017	112230
ALT-1815	113544	ALT-3040	111956	ALT-4211	111689	ALT-7018	112688
ALT-1815V	113285	ALT-3040A	111626	ALT-4212	112202	ALT-7019	111093
ALT-1902	112942	ALT-3041	110804	ALT-4214	111416	ALT-7020	111532
ALT-1903	112944	ALT-3044	115438	ALT-4215	112121	ALT-7021	110619
ALT-1904	112943	ALT-3047	112328	ALT-4216	111411	ALT-7022	112299
ALT-1905	112946	ALT-3048	114357	ALT-4217	111795	ALT-7023	112782
ALT-2030	111477	ALT-3049	113503	ALT-4218	112142	ALT-7150	111051
ALT-2030C	111820	ALT-3053	111317	ALT-4219	112143	ALT-7151A	110562
ALT-2030D	111899	ALT-3055	110631	ALT-4220	113599	ALT-7151B	110657
ALT-2030U	111884	ALT-3057	111530	ALT-4221	111756	ALT-7202	113652
ALT-2031	111369	ALT-3058	111611	ALT-4222	112325	ALT-7204	112458
ALT-2031U	111890	ALT-3059	111264	ALT-4228	113621	ALT-7215	112471
ALT-2031V	113442	ALT-3065	110664	ALT-4230	114204	ALT-7216	113247
ALT-2031X	112529	ALT-3071B	112067	ALT-4231U	113904	ALT-7217	113248
ALT-2034	111354	ALT-3071D	111384	ALT-4233	113718	ALT-7218	113245

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>UNIPOINT</b> <i>Continued</i>							
ALT-7222	112460	STR-1063	110648	STR-2246	113841	STR-3003B	110810
ALT-7224	113755	STR-1064	110649	STR-2247	113446	STR-3004	111241
ALT-7225	113950	STR-1065	110240	STR-2301	110536	STR-3010	111459
ALT-7226	114026	STR-1066	110644	STR-2302	110529	STR-3010A	113267
ALT-7227	112461	STR-1067	110647	STR-2311	111982	STR-3015	111485
ALT-7228	112480	STR-1068	110650	STR-2312	113466	STR-3015A	111108
ALT-7229	112703	STR-1069	110636	STR-2313	113979	STR-3016	110142
ALT-7500	114414	STR-1070	110949	STR-2314	113760	STR-3022B	111349
ALT-D016	113803	STR-1071B	111840	STR-2315	112498	STR-3024	111764
ALT-F005	112914	STR-1100	112218	STR-2316	113277	STR-3027	110572
ALT-F008	113710	STR-2003	111489	STR-2317	113759	STR-3032	112846
ALT-F009	113709	STR-2004	111010	STR-2318	112446	STR-3034A	111699
ALT-F010	113913	STR-2005	111029	STR-2319	112494	STR-3036	111127
ALT-F050	112835	STR-2006	111400	STR-2320	114523	STR-3045	111534
ALT-F051	111252	STR-2007	111269	STR-2322	112055	STR-3050	111311
ALT-F057	112842	STR-2009	111030	STR-2351	112224	STR-3053	111305
ALT-L031	110350	STR-2010	111490	STR-2352	111910	STR-3055	113044
ALT-L032	110348	STR-2012	110862	STR-2358	112436	STR-3056	111690
ALT-T140	112343	STR-2014	114118	STR-2370	111771	STR-3059	112986
ALT-T145	116063	STR-2016	111059	STR-2371	113609	STR-3069	112301
ALT-T145M	111833	STR-2018	111680	STR-2372	112581	STR-3069C	114238
ALT-T151	111842	STR-2019	111748	STR-2374	113608	STR-3070	111451
ALT-T158	114365	STR-2020	112131	STR-2380	110206	STR-3073	112900
ALT-V001	114415	STR-2022	111749	STR-23801	114437	STR-3077	111307
ALT-V002	111831	STR-2028	111347	STR-23802	114438	STR-3080	111608
ALT-V003	111294	STR-2030	112306	STR-23804	110535	STR-3091	114328
ALT-V004	111797	STR-2031	112307	STR-23806	110209	STR-3093	113618
ALT-V005	111515	STR-2035A	112321	STR-23807	110932	STR-3098	111312
ALT-V009	111186	STR-2036	111131	STR-23809	110980	STR-3099	111034
ALT-V010	111187	STR-2037	111906	STR-2381	110207	STR-3101	112912
ALT-V012	112093	STR-2044	112309	STR-2382	110208	STR-3102	112911
ALT-V016	111344	STR-2045	111769	STR-2384	110582	STR-3106	113521
ALT-V017	110806	STR-2046	111750	STR-2385	110601	STR-3109	112898
ALT-V018	111872	STR-2050	111065	STR-2386	110512	STR-3118	112241
ALT-V019	111267	STR-2053	112541	STR-2388	111218	STR-3119	113642
ALT-V021	114366	STR-2056	112431	STR-2389	110534	STR-3124	114225
ALT-V022	112272	STR-2059	113430	STR-2390	110532	STR-3200	114058
ALT-V023	112271	STR-2060	113276	STR-23902	110531	STR-3301	111382
ALT-V023U	113941	STR-2061	113387	STR-23903	112120	STR-3308	112320
ALT-V024	111767	STR-2062	110336	STR-23904	112119	STR-3309	113408
ALT-V026	112129	STR-2101	110847	STR-23905	110212	STR-3501	113139
ALT-V027	114367	STR-2103	112818	STR-23906	112116	STR-3501A	111025
ALT-V028	114368	STR-2104	111911	STR-2391	110210	STR-3502	111970
ALT-V029	114426	STR-2107	112005	STR-2392	111046	STR-3503	110811
ALT-V034	114018	STR-2109	112459	STR-2394	111231	STR-3504	112368
ALT-V035	114369	STR-2111	113613	STR-2395	110214	STR-3514	112300
ALT-V036	111070	STR-2112	111909	STR-2396	111219	STR-3522	113020
ALT-V038	111493	STR-2113	111823	STR-2411	113891	STR-3523	111730
ALT-V041	114370	STR-2119	113963	STR-2412	114327	STR-3528	114329
ALT-V043	114014	STR-2121	113750	STR-2413	113934	STR-3529	110810
ALT-V051	114371	STR-2200	110867	STR-2414	114073	STR-3556	110479
ALT-V052	114372	STR-2201	112166	STR-2415	114031	STR-3556	113659
ALT-V055H	114427	STR-2203	111060	STR-2415	115892	STR-3557	110808
ALT-V056	113956	STR-2203A	112286	STR-2503	112911	STR-3558	113040
ALT-V057	112205	STR-2204	111855	STR-2521	110216	STR-3561	110158
ALT-V059	114373	STR-2205	112167	STR-2602	111786	STR-3562	110149
ALT-V060	114428	STR-2209	111851	STR-2603	112240	STR-3564	110144
DM-715	111861	STR-2210	112440	STR-2604	112904	STR-3567	110155
STR-0124	114325	STR-2213A	113959	STR-2606	112906	STR-3568	110279
STR-0130	113827	STR-2214	111619	STR-2612	112897	STR-3569	110447
STR-0131	114326	STR-2215	113481	STR-2618	112902	STR-3571	110421
STR-0132	114435	STR-2216	111694	STR-2660	111684	STR-3573	110154
STR-0303	114436	STR-2218H	112251	STR-2661	111848	STR-3574	110152
STR-0310	114343	STR-2219	112553	STR-2703	112965	STR-3576	111452
STR-1001A	110634	STR-2220	111900	STR-2716	114119	STR-3577	110277
STR-1002A	110635	STR-2228	111865	STR-2807	112340	STR-3579	110394
STR-1005A	112563	STR-2231	112172	STR-2808	112235	STR-3581	110278
STR-1006A	112242	STR-2232	112821	STR-2823	112592	STR-3585	111310
STR-1007	112312	STR-2232	115870	STR-2825	112600	STR-3593	110292
STR-1009	112566	STR-2233	111724	STR-2826	111844	STR-3595	110958
STR-1012	113853	STR-2234	114160	STR-2831	111374	STR-3596	113644
STR-1047	112565	STR-2236	113674	STR-2832	111183	STR-3600	113024
STR-1051	111700	STR-2238	112534	STR-2833	112584	STR-3603	113392
STR-1052	110510	STR-2240	111904	STR-2839	112608	STR-3606	113398
STR-1055	111701	STR-2241	113678	STR-2843	112603	STR-3607	110312
STR-1058	111012	STR-2242	113842	STR-2845	111374	STR-3609	113409
STR-1060	111043	STR-2243	113843	STR-2857	113910	STR-3801	112373
STR-1061	110645	STR-2244	114093	STR-2901	110809	STR-3803	113680
STR-1062	110241	STR-2245	112441	STR-3002	110315	STR-3806	112478

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
STR-4201	113153	STR-6050	114232	STR-7914	115894	0814240M030SM	110645
STR-4202	110436	STR-6051	114417	STR-7916	115593	0996140M030SM	110241
STR-4204	112089	STR-6052	110627	STR-7916	115887	1053720M030SM	113854
STR-4290	113550	STR-6055	113428	STR-7950	115517	10554020M030SM	112832
STR-4302	110347	STR-6056	110941	STR-7951	115439	1065240M030SM	110649
STR-4303	110999	STR-6073	113238	STR-7951	115876	1066620M030SM	112832
STR-4304	114416	STR-6079	114335	STR-7952	114310	10666620M030MM	112832
STR-4390	114330	STR-6081	113239	STR-7952	115888	1079540M030SM	112567
STR-4391	114013	STR-6086	113114	STR-7953	113851	1122921-M030SM	110647
STR-4392	114331	STR-6088	113206	STR-7953	115885	1122940-M030SM	110647
STR-4394	113851	STR-6090	113725	STR-7954	115440	1146340	110510
STR-4394	115885	STR-6092	110942	STR-8001	113108	1146340-M030SM	110510
STR-4501	113346	STR-6093	110961	STR-8001A	113108	1147840M030SM	110649
STR-4502	113962	STR-6102	111247	STR-8002	111492	1250740	110510
STR-4514	111685	STR-6103	110723	STR-8006	110411	1250740-M030SM	110510
STR-4518	112379	STR-6107	113675	STR-8016	113402	1491624M030SM	110650
STR-4519	112382	STR-6133	113194	STR-8018	110182	1570140M030SM	110510
STR-4600	111123	STR-6138	110576	STR-8019	110720	1574440M030SM	110510
STR-4603	111130	STR-6144	111913	STR-8023	113116	1574540	111701
STR-4604	111055	STR-6157	110507	STR-8025	111442	1574540M030SM	111701
STR-4606	113254	STR-6159	114336	STR-8027	113119	1635323-M030SM	110510
STR-4607	110584	STR-6160	110580	STR-8028	113120	1635340-M030SM	110510
STR-4608	110866	STR-6161	110581	STR-8032	111550	1653340	110510
STR-4609	111251	STR-6163	110490	STR-8033	111984	1718328M030SM	110650
STR-4610	113932	STR-6165	113129	STR-8043	111552	1770540	110949
STR-4613	114460	STR-6170	113130	STR-8055	113242	177054030SM	110949
STR-4614	112322	STR-6171	114337	STR-8057	110938	1799640M030SM	110240
STR-4615	111641	STR-6176	112649	STR-8064	113244	1819040M030SM	110949
STR-4616	111994	STR-6177A	114338	STR-8085	112367	1819140M030SM	112568
STR-4617	113929	STR-6180	114339	STR-8090	112547	2009805	113854
STR-4618	113719	STR-6182	111679	STR-8100	114440	2070240M030SM	110644
STR-4618	115869	STR-6183	112822	STR-8103	114135	2134940M030SM	112831
STR-4619	113933	STR-6183	115880	STR-8104	112545	2-2432-UT	113593
STR-4700	111070	STR-6187	113203	STR-8261	113665	4367240M030SM	113015
STR-4703	112475	STR-6196	114340	STR-8263	111455	4379040M030SM	113015
STR-4704	112474	STR-7002	113668	STR-8264	113271	4412040	110636
STR-4707	114029	STR-7006	112276	STR-8268	113314	4412040M030SM	110636
STR-4708	113897	STR-7010	114418	STR-8270	113629	4509809	110510
STR-5002	111525	STR-7013	113703	STR-8272	113601	4509809S030SM	110510
STR-5003	111387	STR-7030	112370	STR-8273	114341	4733040M030SM	111012
STR-5004	114071	STR-7035	111023	STR-8274	113630	4754840M030SM	112567
STR-5005	110389	STR-7037	112103	STR-8276	112546	4769040M030SM	112145
STR-5008	114332	STR-7039	113445	STR-8277	114419	4786240M030SM	110645
STR-5011H	113132	STR-7040	111912	STR-8279	113649	4820123M030SM	110648
STR-5012	111683	STR-7052	110602	STR-8282	110323	4820240M030SM	110654
STR-5015	113169	STR-7053	110590	STR-8284	112006	4820250-M030SM	110654
STR-5017	113171	STR-7054	111041	STR-9020	113237	4820340M030SM	110654
STR-5022	113172	STR-7056	112253	STR-9103	114420	4820440M030SM	110650
STR-5025	113696	STR-7057	112267	STR-9104	114017	4820524M030SM	110650
STR-5027	113662	STR-7063	113452	STR-9106	114343	4836940M030SM	110649
STR-5028	112336	STR-7065	110604	STR-9107	112342	4886540M030SM	110648
STR-5030	114429	STR-7066	112268	STR-9108	114344	5059240M030SM	110647
STR-5032	113702	STR-7068	112341	STR-9109	114345	5071240M030SM	112156
STR-5034	113459	STR-7072	111221	STR-9110	114441	5174740	112546
STR-5037	113965	STR-7073	111383	STR-9111	114421	5213140M030SM	110949
STR-5204	112214	STR-7076	112668	STR-9113	112823	5213240M030SM	112831
STR-5207	113361	STR-7107	113669	STR-9113	115872	5216020M025SM	112247
STR-5300	114333	STR-7108	114169	STR-9114	114442	5216040M025SM	112247
STR-6000	110573	STR-7131	113195	STR-9116	114422	5225040M030SM	112244
STR-6006	110820	STR-7149	111558	STR-9118	110944	5239740M030SM	112150
STR-6007	114213	STR-7158	111760	STR-9119	111020	5249840M030SM	112157
STR-6008	111805	STR-7169	113435	STR-9121	114346	5273440M030SM	110636
STR-6009	112371	STR-7900	113672	STR-9152	112544	5278340M030SM	112244
STR-6011	110574	STR-7900	115881	STR-B001	113389	5278440M030SM	112150
STR-6012	111559	STR-7901	113676	STR-B002	110844	5665720M030SM	111700
STR-6016	112676	STR-7901	115883	STR-B003	112290	5665740M030SM	111700
STR-6021B	111136	STR-7902	113673	STR-B008	112533	5665920M030SM	111701
STR-6023	111274	STR-7902	115882	STR-B010	113134	5665940	111701
STR-6024	112365	STR-7903	114872	STR-B014	111996	5665940M030SM	111701
STR-6027	114439	STR-7903	115875	STR-B015	111855	5666120M030SM	110510
STR-6032	110575	STR-7904	113746	STR-L020	112304	5666120M030SM	110510
STR-6033	114334	STR-7905	114193	STR-L021	110352	5666140	110510
STR-6034	111272	STR-7905	115877			5666140M030SM	110510
STR-6037A	111703	STR-7906	113830			5666220M030SM	110949
STR-6039	110578	STR-7906	115884			5666240M030SM	110949
STR-6041	110386	STR-7908	113984			5666320M030SM	112568
STR-6046	111461	STR-7913	115556			5666340M030SM	112568
STR-6047	111273	STR-7913	115886			5666420M030SM	112831
STR-6048	111275	STR-7914	114733			5666440M030SM	112831
				<b>UNITED TECHNOLOGIES</b>			
				0255625-M030SM	111043		
				0255640-M030SM	111043		
				0599440	110510		
				0599440-M030SM	110510		
				0599540M030SM	111700		

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>UNITED TECHNOLOGIES</b> <i>Continued</i>							
5666620MO30SM	111012	SM17917	110644	100714U	110585	2518039C	111397
5666640MO30SM	111012	SM17996	110240	100894	111331	2518044	111093
56666420MO30SM	112831	SM18190	110949	101368	110931	2518046	110923
5666740	111701	SM18191	112568	101375	110163	2518051	111948
5666740MO30SM	111701	SM20521	112247	104326H	110585	2522104	111658
5666940MO30SM	112244	SM20702	110644	105119C	112218	2523162	110766
5667040MO30SM	112150	SM20703	110644	1195239	114443	2523203	111154
5667140MO30SM	113017	SM21349	112831	1195248	112322	2523204	112149
5667640MO30SM	112146	SM43672	113015	1195912	115977	2523205	112149
5671440MO30SM	112145	SM43790	113015	1195921	114820	2523234	110178
5675620MO30SM	112826	SM44120	110636	1195923	113020	2541117	112756
5675640MO30SM	112826	SM47330	111012	1195925	113797	2541118	111325
5676940MO30SM	112827	SM47548	112567	1196052A	115426	2541124	113500
5680640	113594	SM47690	112145	1196601	115571	2541130	111948
5680640MO30SM	113594	SM47764	110654	1201942	114443	2541131	111948
5704620MO30SM	110647	SM47862	110645	1209422	115758	2541133	112183
5704820MO30SM	110240	SM48201	110648	1250128	113937	2541135	111036
5704940MO30SM	112156	SM48202	110654	1250295	113797	2541142	112162
5705120MO30SM	111043	SM48203	110654	1250299	111307	2541148	111948
5705320MO30SM	110647	SM48204	110650	1250301	111307	2541156	111171
5705340MO30SM	110647	SM48369	110649	1250303	114892	2541160	111171
5769040-MO30SM	112145	SM48826	111861	1250313	115977	2541168	113477
6013840MO30SM	112832	SM48865	110648	1250449	114778	2541169	111841
6019440MO30SM	112832	SM50497	110510	1250902	114760	2541170	112754
6020940MO30SM	113376	SM52132	112831	1250955	113659	2541171	112162
6088420MO30SM	113476	SM52160	112247	1251025	115751	2541173	111321
6502540MO30SM	115388	SM52397	112150	180620	113477	2541180	111076
6560020MO30SM	112244	SM52784	112150	181598	111231	2541181	112162
6560040	112244	SM56657	111700	182551	111130	2541182	112162
6585840	112157	SM56659	111701	182604	111070	2541191	111397
6585840MO30SM	112157	SM56661	110510	184030	111130	2541191B	111397
6727040MO30SM	113017	SM56662	110949	184202	111047	2541197	111319
6734620MO30SM	112150	SM56663	112568	184413	111130	2541199	111658
6743040	112830	SM56664	112831	184470	111130	2541199B	111658
6743040MO30SM	112830	SM56666	111012	184643	111070	2541199D	111658
6743240-MO30SM	113591	SM56669	112244	185547	111251	2541204	110889
6767540MO30SM	112829	SM56670	112150	185562	110585	2541221	112763
6873740-MO30SM	113592	SM56676	112146	185625	111070	2541222	111288
9G4338	110999	SM56714	112145	185994	111070	2541233	110912
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M055017A	110241	SM56769	112827	186561	110585	2541235	111035
M0551014A	110241	SM56804	113594	186625	113307	2541236	111035
M0551017	110241	SM57047	110644	186887	111130	2541239	110759
M0551046A	111861	SM57053	110647	187031	113478	2541251	112461
MM48826	111861	SM59535	110644	187153	111251	2541251B	112461
MO551014A	110241	SM60138	112832	190396	111909	2541257	112756
MO551017A	110241	SM60194	112832	190895	113933	2541264	110358
SM01399	110644	SM60209	113476	191335	113842	2541290	111355
SM01446	110648	SM60917	112832	1EM0049	110389	2541297	111093
SM01965	110634	SM67432	113591	1EM0057	110811	2541298	110619
SM02289	110644	SM67675	112829	1EM0058	110808	2541298A	110619
SM02465	110644	SM68737	113592	1EM0064	110479	2541307	111319
SM02466	110644	SME12A11	110510	1EM0070	110808	2541307C	111319
SM02556	111043	SME12A8	110510	1EM0081	110315	2541307D	111319
SM02610	110240	SMH1201399	110644	1EM0087	110807	2541313	112769
SM05994	110510	SMH12A102	110510	1EM0088	110149	2541314	111076
SM05995	111700	SMH12A2	110510	1EM008802	110808	2541321	112800
SM08041	110647	SMH12A201	110510	1EM0095	110808	2541321E	112800
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SM09961	110241	SMH12A3	111700	2105473B	111528	2541321H	112800
SM09962	110648	SMH12A4	110510	2180620	111528	2541324	110889
SM09964	110648	SMH12A5	111700	2180675	112754	2541328	112769
SM10629	110240	SMH12B31	110241	2181693	110163	2541341	111168
SM10652	110649	SMH12B41	110240	2181730	111072	2541360	114026
SM10790	110654	SMH12B42	110647	2181991	113477	2541363	111841
SM10795	112567	SMH12B43	110647	2181991C	113477	2541364	112754
SM10970	110654	SMH12B81	112567	219137	113498	2541366	111076
SM11229	110647	SMH12C1	111701	219138	113349	2541367	112162
SM1122940	110647	SMH12C31	110648	219139	113350	2541368	112162
SM11279	110647	SMH12C41	110644	219187	111846	2541399	111621
SM11463	110510	SMO1965	110634	219199	113498	2541400	111355
SM11478	110649	SMO2469	110644	219202	113349	2541410	111352
SM12507	110510			219235	114114	2541415	111352
SM14916	110650	<b>VALEO</b>		21EA00040	112657	2541415G	111352
SM15701	110510	076517	113466	21EA00050	111647	2541415H	111352
SM15745	111701	076571	110512	2325158	111141	2541416	111479
SM16353	110510	098208	111231	2455023	113657	2541416F	111479
SM17705	110949	098209	111231	2518028	111036	2541417	111477
SM17916	110644	100363	110163	2518039	111397	2541417K	111477

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2541423	111419	2541728A	111411	2541916	111720	2542239	112396
2541434	112149	2541735	112292	2541919	112529	2542239B	112396
2541434A	112149	2541738	114026	2541919B	112529	2542240	112075
2541435	111288	2541738B	114026	2541920	111369	2542240A	112075
2541438	111154	2541738C	114026	2541920B	111369	2542240C	112075
2541439	112763	2541740	112230	2541922	111967	2542241	111989
2541441	111288	2541740B	112230	2541922B	111967	2542241A	111989
2541442	111288	2541741	113439	2541927	112057	2542241B	111989
2541445	111321	2541741B	113439	2541927A	112057	2542241C	111989
2541447	112782	2541758	112688	2541928	111937	2542241E	111989
2541447A	112782	2541758A	112688	2541928A	111937	2542244	113340
2541452	110759	2541758B	112688	2541950	112298	2542245	112079
2541459	112292	2541759	113485	2541950B	112298	2542245C	112079
2541461	112230	2541760	112703	2541951	112299	2542251	112462
2541461B	112230	2541760B	112703	2541951A	112299	2542251A	112462
2541465	112728	2541763	110619	2541951C	112299	2542251B	112462
2541466	112744	2541763A	110619	2541953	111718	2542252	113577
2541471	111082	2541763C	110619	2541953B	111718	2542252A	113577
2541476	113920	2541763D	110619	2541954	112059	2542253	113485
2541489	111076	2541767	112782	2541954B	112059	2542254	112688
2541490	111321	2541767A	112782	2541959	112529	2542254A	112688
2541494	112687	2541767C	112782	2541960	111369	2542255	11318
2541494A	112687	2541768	111226	2541961	112413	2542255E	113604
2541609	112557	2541770	113868	2541961A	112413	2542260	113887
2541610	112679	2541770A	113868	2541963	112193	2542260A	113887
2541610G	112679	2541775	112529	2541963A	112193	2542262	112772
2541618	111987	2541775A	112529	2541965	111723	2542262A	112772
2541619	111353	2541775B	112529	2541965A	111723	2542264	112468
2541624	111631	2541776	111369	2541968	111943	2542264B	112468
2541624A	111631	2541776B	111369	2541968A	111943	2542264D	112468
2541626	111676	2541777	110163	2541968B	111943	2542265	112472
2541626E	111676	2541784	113604	2541968D	111943	2542265A	112472
2541635	111987	2541784A	113604	2541969	112058	2542265B	112472
2541636	111987	2541784B	113604	2541969A	112058	2542267	112772
2541637	111987	2541785	111318	2541970	113603	2542272	112471
25416373	111987	2541785B	111318	2541970A	113603	2542272A	112471
2541638	111987	2541801	111820	2541971	112480	2542272B	112471
2541639	111987	2541801A	111820	2541971B	112480	2542272C	112471
2541645	112763	2541807	111321	2541976	111719	2542272E	112471
2541648	111987	2541809	112557	2541976D	111719	2542273	111426
2541659	112183	2541809A	112557	2541978	111722	2542281	112273
2541663	111397	2541815	111477	2541978A	111722	2542281C	112273
2541665	112299	2541815A	111477	2541979	111934	2542282	112274
2541665B	112299	2541815B	111477	2541979A	111934	2542282C	112274
2541665C	112299	2541817	111676	2541980	112199	2542284	114522
2541671	114084	2541819	111353	2541980A	112199	2542284B	114522
2541675	111477	2541821	111352	2541980B	112199	2542284C	114522
2541676	111353	2541821A	111352	2541982	112679	2542284E	114522
2541678	112681	2541828	111658	2541982A	112679	2542285	113405
2541678B	112681	2541828B	111658	2541982C	112679	2542285A	113405
2541678C	112681	2541838	112529	2541984	111934	2542286	113575
2541679	111498	2541838A	112529	2541984A	111934	2542286A	113575
2541679C	111498	2541839	111369	2541992	111369	2542291	111967
2541680	111354	2541839A	111369	2541992B	111369	2542291A	111967
2541680A	111354	2541848	111947	2541997	112273	2542294	113406
2541683	111354	2541850	111658	2541998	112274	2542294A	113406
2541683A	111354	2541854	112292	2541999	111722	2542295	113283
2541694	111788	2541854A	112292	2542225	112399	2542295A	113283
2541694D	111788	2541856	111478	2542225A	112399	2542297	112469
2541695	111803	2541856A	111478	2542225B	112399	2542297A	112469
2541697	111946	2541863	112467	2542228	112460	2542297B	112469
2541697B	111946	2541873	111720	2542228A	112460	2542300	113961
2541699	111354	2541879	112557	2542228B	112460	2542300A	113961
2541703	112298	2541879A	112557	2542228C	112460	2542305	112648
2541703B	112298	2541879B	112557	2542231	111722	2542307	113404
2541710	112292	2541880	112557	2542232	113882	2542312	114680
2541710B	112292	2541880B	112557	2542232A	113882	2542312A	114680
2541711	112772	2541880C	112557	2542232D	113882	2542315	111719
2541711B	112772	2541884	111947	2542233	113751	2542315A	111719
2541711C	112772	2541887	112679	2542233A	113751	2542317	113300
2541719	110619	2541895	111478	2542233C	113751	2542317A	113300
2541724	112782	2541895B	111478	2542234	112397	2542317C	113300
2541725	112287	2541895C	111478	2542234A	112397	2542319	113302
2541725A	112287	2541903	112679	2542237	112002	2542319D	113302
2541725B	112287	2541903A	112679	2542237	114797	2542319E	113302
2541725H	112287	2541906	112679	2542237A	112002	2542320	113835
2541726	111532	2541906A	112679	2542237A	114797	2542320A	113835
2541726B	111532	2541906B	112679	2542237D	112002	2542320B	113835
2541728	111411	2541911	111369	2542237D	114797	2542320C	113835

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
2542324	113751	2542418	112299	2542500A	112461	2542611B	113896
2542324A	113751	2542418A	112299	2542507	112396	2542613	113896
2542324D	113751	2542420	112144	2542508	112397	2542613C	113896
2542326A	113881	2542420A	112144	2542508A	112397	2542615	113640
2542326B	113881	2542420B	112144	2542508C	112397	2542615	116067
2542327	112470	2542420C	112144	2542508D	112397	2542615A	113640
2542327B	112470	2542422	115549	2542508E	112397	2542615A	116067
2542342	112199	2542427	113250	2542508F	112397	2542619	113640
2542343	113407	2542427A	113250	2542509	113878	2542619	116067
2542343A	113407	2542428	113246	2542509C	113878	2542619A	113640
2542343B	113407	2542429	113246	2542514	111631	2542619A	116067
2542344	113404	2542432	115307	2542514A	111631	2542640	113245
2542344A	113404	2542432B	115307	2542515	112413	2542650	113887
2542345	112535	2542433	111720	2542515A	112413	2542650A	113887
2542345C	112535	2542433A	111720	2542523	113248	2542653	112471
2542347	111943	2542441	113247	2542523C	113248	2542653A	112471
2542347A	111943	2542441A	113247	2542523F	113248	2542653D	112471
2542350	112689	2542441C	113247	2542524	113251	2542662	112468
2542350A	112689	2542441D	113247	2542524A	113251	2542662B	112468
2542351	112461	2542461	112002	2542525	113404	2542663	115310
2542351A	112461	2542461	114797	2542525A	113404	2542664	113940
2542351B	112461	2542461A	112002	2542526	115438	2542664	116048
2542352	112688	2542461A	114797	2542528	113575	2542664A	113940
2542354	112059	2542461B	112002	2542531	112460	2542664A	116048
2542354A	112059	2542461C	112002	2542538	113407	2542664B	113940
2542355	111318	2542461C	114797	2542538A	113407	2542664B	116048
2542355A	111318	2542461D	112002	2542538C	113407	2542664C	113940
2542356	113604	2542464	113403	2542540	113403	2542664C	116048
2542356A	113604	2542464A	113403	2542540C	113403	2542664D	113940
2542357	113485	2542466	112458	2542540D	113403	2542664D	116048
2542358	112688	2542466A	112458	2542543	111990	2542669	114080
2542358A	112688	2542466B	112458	2542545	113879	2542669A	114080
2542359	111631	2542466C	112458	2542545A	113879	2542670	113722
2542363	111722	2542466D	112458	2542546	113751	2542670	115963
2542363A	111722	2542470	114673	2542546B	113751	2542670A	113722
2542366	111934	2542470D	114673	2542547	113503	2542670A	115963
2542366A	111934	2542470E	114673	2542548	112144	2542670B	113722
2542367	111934	2542470G	114673	2542548A	112144	2542670B	115963
2542367A	111934	2542472	113755	2542551	112458	2542671	113721
2542375	112467	2542472A	113755	2542551A	112458	2542671A	113721
2542376	112688	2542473	115711	2542554	113919	2542671B	113721
2542376A	112688	2542473B	115711	2542554D	113919	2542672	113881
2542377	112193	2542475	115833	2542556	112460	2542672B	113881
2542377B	112193	2542479	111720	2542556A	112460	2542678	112058
2542388	114684	2542479A	111720	2542557	113755	2542678A	112058
2542393	112471	2542480	113577	2542557A	113755	2542680	113882
2542393A	112471	2542480A	113577	2542564	112461	2542680C	113882
2542393D	112471	2542481	112199	2542564A	112461	2542681	112460
2542394	113405	2542481D	112199	2542565	114128	2542681A	112460
2542394B	113405	2542483	112058	2542565A	114128	2542684	112460
2542396	113575	2542483A	112058	2542565B	114128	2542684A	112460
2542396A	113575	2542484	113405	2542571	111989	2542685	113858
2542396B	113575	2542484A	113405	2542572	113302	2542685	115976
2542397	112469	2542485	113250	2542572A	113302	2542685B	113858
2542397B	112469	2542485A	113250	2542573	113249	2542685B	115976
2542398	112648	2542486	113603	2542573A	113249	2542685C	113858
2542398B	112648	2542486A	113603	2542573C	113249	2542685C	115976
2542399	113404	2542487	113575	2542573D	113249	2542686	112468
2542399B	113404	2542487A	113575	2542573E	113249	2542686B	112468
2542400	113404	2542488	113246	2542577	113253	2542689	112229
2542402	113510	2542489	112480	2542577C	113253	2542689A	112229
2542402B	113510	2542489A	112480	2542578	113253	2542689C	112229
2542411	115711	2542490	112469	2542578C	113253	2542691	112059
2542411A	115711	2542490A	112469	2542582	113877	2542691C	112059
2542411B	115711	2542491	113246	2542582A	113877	2542693	113640
2542412	111967	2542491A	113246	2542582B	113877	2542693A	113640
2542412A	111967	2542494	114722	2542587	113510	2542693A	116067
2542412B	111967	2542494A	114722	2542587B	113510	2542694	114877
2542412C	111967	2542495	112458	2542591	114352	2542694A	114877
2542413	111943	2542495A	112458	2542602	113407	2542694B	114877
2542413A	111943	2542496	113252	2542602A	113407	2542695	113992
2542413C	111943	2542496B	113252	2542602C	113407	2542695A	113992
2542414	111943	2542496C	113252	2542603	111719	2542695B	113992
2542414A	111943	2542497	113510	2542605	113407	2542695C	113992
2542415	111720	2542497A	113510	2542605C	113407	2542695D	113992
2542415A	111720	2542497B	113510	2542609	113871	2542695F	113992
2542416	111720	2542497C	113510	2542609A	113871	2542695G	113992
2542416A	111720	2542500	112461	2542611	113896	2542696	113874
2542417	112298	2542500A	112461	2542611A	113896		

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2542696C	113874	2542813A	111720	2542924A	116067	2543291	113861
2542704	113755	2542814	111720	2542925	113755	2543291C	113861
2542704A	113755	2542817	113919	2542925A	113755	2543292	113858
2542705	113948	2542817B	113919	2542926	115531	2543292	115976
2542705A	113948	2542818	115310	2542926A	115531	2543293	114189
2542708	113950	2542818D	115310	2542927	115531	2543293A	114189
2542708A	113950	2542824	112468	2542927A	115531	2543300	115659
2542708B	113950	2542824A	112468	2542928	113946	2543302A	115659
2542720	114524	2542826	112468	2542928A	113946	2543304	113896
2542720D	114524	2542826A	112468	2542938	113946	2543304A	113896
2542720J	114524	2542827	114831	2542938A	113946	2543306	114720
2542722	113245	2542832	113640	2542945	113940	2543306B	114720
2542722A	113245	2542832	116067	2542945	116048	2543306C	114720
2542722B	113245	2542832A	113640	2542945B	113940	2543306D	114720
2542722C	113245	2542832A	116067	2542945B	116048	2543309	115860
2542725	113640	2542838	114352	2542946	113862	2543309C	115860
2542725	116067	2542839	113948	2542948	112079	2543309D	115860
2542725A	113640	2542839A	113948	2542948A	112079	2543315	115858
2542725A	116067	2542841	113720	2542949	112002	2543315D	115858
2542726	115369	2542841	116064	2542949	114797	2543320	111989
2542729	114451	2542841A	113720	2542949A	112002	2543320A	111989
2542730	115370	2542841A	116064	2542949A	114797	2543328	111989
2542731	114769	2542841B	113720	2542952	114130	2543328B	111989
2542736	115543	2542841B	116064	2542952	116069	2543337	113919
2542736A	115543	2542845	114832	2542952B	114130	2543337A	113919
2542738	113878	2542845A	114832	2542952B	116069	2543338	113245
2542738A	113878	2542849	114680	2542955	115418	2543338A	113245
2542738B	113878	2542850	113720	2542955A	115418	2543339	112471
2542739	114722	2542850	116064	2542955B	115418	2543339A	112471
2542739A	114722	2542850A	113720	2542955E	115418	2543340	113248
2542739B	114722	2542850A	116064	2542956	114406	2543340A	113248
2542742	115438	2542850C	113720	2542956A	114406	2543342	115310
2542746	113253	2542850C	116064	2542966	114509	2543342A	115310
2542746A	113253	2542851	113722	2542966B	114509	2543363	114130
2542746B	113253	2542851	115963	2542966D	114509	2543363	116069
2542746E	113253	2542851A	113722	2542966E	114509	2543363A	114130
2542747	113253	2542851A	115963	2542966F	114509	2543363A	116069
2542747A	113253	2542851B	113722	2542966G	114509	2543366	114673
2542747B	113253	2542851B	115963	2542969	114042	2543366A	114673
2542747F	113253	2542851C	113722	2542969	116113	2543369	114722
2542749	114781	2542851C	115963	2542969C	114042	2543370	114495
2542749A	114781	2542852	113881	2542969C	116113	2543370A	114495
2542749B	114781	2542852A	113881	2542989	114042	2543374	114831
2542749C	114781	2542855	115766	2542989	116113	2543378	113862
2542753	113871	2542855B	115766	2542989A	114042	2543378C	113862
2542753A	113871	2542861	113722	2542989A	116113	2543384	112471
2542753B	113871	2542861	115963	2543205	114039	2543384A	112471
2542767	111989	2542861A	113722	2543205A	114039	2543385	113919
2542769	114720	2542861A	115963	2543206	114882	2543386	113245
2542770	114757	2542875	112193	2543206C	114882	2543387	113248
2542770B	114757	2542880	112298	2543206D	114882	2543387A	113248
2542771	113251	2542880A	112298	2543207	115419	2543390	114720
2542771B	113251	2542883	113720	2543208	115411	2543390A	114720
2542771D	113251	2542883	116064	2543210	113946	2543397B	115631
2542772	114130	2542884	113722	2543210A	113946	2543398A	114322
2542772	116069	2542884	115963	2543215	112469	2543398B	114322
2542783	116038	2542884A	113722	2543215A	112469	2543400	114780
2542783C	116038	2542884A	115963	2543221	114189	2543400A	114780
2542783D	116038	2542884C	113722	2543221C	114189	2543406	114876
2542784	114408	2542884C	115963	2543221D	114189	2543406A	114876
2542784A	114408	2542891	115856	2543236	113881	2543412	114130
2542784B	114408	2542892	115859	2543236A	113881	2543412	116069
2542784C	114408	2542892B	115859	2543236B	113881	2543413	113858
2542785	114189	2542894	114736	2543237	112193	2543413	115976
2542785A	114189	2542894A	114736	2543237A	112193	2543413A	113858
2542785B	114189	2542897	111718	2543248	114102	2543413A	115976
2542793	113575	2542898	113992	2543248	116068	2543427	114866
2542793A	113575	2542916	115919	2543248A	114102	2543427A	114866
2542794	113246	2542920	113405	2543248A	116068	2543428A	114724
2542794A	113246	2542920A	113405	2543264	115856	2543439	115411
2542797	112472	2542921	113250	2543264A	115856	2543439B	115411
2542797A	112472	2542922	113575	2543264B	115856	2543441	113248
2542797B	112472	2542922A	113575	2543282	113992	2543441A	113248
2542802	113575	2542922B	113575	2543289	114042	2543444	115413
2542803	113246	2542923	113246	2543289	116113	2543444A	115413
2542803A	113246	2542923A	113246	2543289A	114042	2543461	114292
2542812	112468	2542924	113640	2543289A	116113	2543461B	114292
2542812A	112468	2542924	116067	2543290	114835	2543476	115369
2542813	111720	2542924A	113640	2543290B	114835	2543476A	115369

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
2543477	113722	2543563	115419	2608893	115384	2940305A	112149
2543477	115963	2543563B	115419	2608893A	115384	2940307	111154
2543477A	113722	2543564	114882	2608993	114042	2940309	111154
2543477A	115963	2543569	115730	2608993	116113	2940310	112735
2543479	114451	2543569A	115730	2608993A	114042	2940310A	112735
2543479A	114451	2543569B	115730	2608993A	116113	2940311	111094
2543480	113720	2543570	114130	2609013	115980	2940311A	111094
2543480	116064	2543570	116069	2609244	114724	2940347	111800
2543480A	113720	2543570B	114130	2609780	115692	2940349	111800
2543480A	116064	2543570C	116069	2610086A	115529	2940353	111656
2543481	113720	2543570C	114130	2610692B	114805	2940367	111288
2543481	116064	2543570C	116069	2610695A	114805	2940371	111154
2543483	115622	2543570Q	114130	2610715B	115604	2940373	112735
2543483A	115622	2543570Q	116069	2611776A	115827	2940373A	112735
2543483C	115622	2543639	112471	2611839A	115924	2940375	112149
2543484	113721	2565994	111686	2611843A	115437	2940772	111948
2543484A	113721	2565995	111686	2612242A	115580	2940778	110895
2543486	114131	2574347	113882	2612380B	114811	2940780	110895
2543488	114293	2603260	114044	2612673B	114724	2940981	111289
2543488A	114293	2603260B	114044	2612716A	115431	29409930	110178
2543488B	114293	2605106	114811	2613270	114128	2941231	111086
2543492	112460	2605106A	114811	2613270A	114128	2941232	111071
2543492A	112460	2605275	114882	2613777	115654	2941253	110877
2543493	112461	2605290	114811	2614223A	115631	2941253A	110877
2543498	114102	2605328A	115862	2616010	115587	2941301	111656
2543498	116068	2605546	115369	2616019A	115587	2941814	111479
2543498A	114102	2605546A	115369	2616021B	115587	2950220	111289
2543498A	116068	2605647	114879	2616741	115715	2950281	110358
2543498B	114102	2605647D	114879	2617194A	114082	2950500	110890
2543498B	116068	2605658A	115582	2617194A	116043	2950700	111948
2543508	114406	2605717	114109	2617195A	114306	2960000	111510
2543509	114131	2605717A	114109	2620361A	114067	2960120	110117
2543509A	114131	2605928	114046	2623615A	115384	2960150	110766
2543509B	114131	2605928A	114046	2623616A	115667	2EA0411	110706
2543509C	114131	2605928F	114046	2650767A	115861	2EA0436A	110959
2543520	113250	2606154	115921	2655010	115853	2EA0467C	110540
2543520A	113250	2606219	113863	2655103	113863	2EA0501A	111344
2543521	113405	2606220	114495	2655300	114664	2EA0550A1	110805
2543522	113946	2606237	114722	2655301	114664	2EA0550D3	110806
2543522A	113946	2606237A	114722	2655447	114467	2EA0629	110694
2543523	113575	2606272	114721	2655475	114495	2EM0659	110578
2543524	113946	2606272A	114721	2655476	111847	310023W	111066
2543524A	113946	2606288	114463	2655516	113652	310031X	110367
2543526	113640	2606288A	114463	2655517	113791	310058L	110743
2543526	116067	2606293A	115418	2655524	115855	310118Z	110367
2543526A	113640	2606333	113720	2655544	114827	310146G	110585
2543526A	116067	2606333	116064	2655544	114827	310146Z	110585
2543527	113755	2606333A	113720	2655633	115815	310213V	110587
2543530	114879	2606333A	116064	2655635	114857	310221W	110743
2543538	114082	2606334	113722	2655721	113331	310231Z	110743
2543538	116043	2606334	115963	2655866	115366	310426	110113
2543538A	114082	2606472A	115668	2809249	111720	390086	112657
2543538A	116043	2606523B	115356	2809249A	111720	425300	114664
2543539	114306	2606900	115827	2809464	113575	432503	110365
2543539A	114306	2606924	114045	2925330	110891	432510	110585
2543550	113403	2607052	115654	2926300	111362	432512	111066
2543551	115411	2607208	113405	2927060	111086	432538	112541
2543552	115310	2607208A	113405	2927070	111289	432546	110587
2543552A	115310	2607209	113250	2927120	110127	432551	111068
2543553	115549	2607209A	113250	2927440	112112	432555	111063
2543553A	115549	2607210	113575	2927750	110048	432557	110856
2543554	112199	2607210A	113575	2927990	110077	432558	111100
2543555	113245	2607211	113246	2928580	112112	432561	111070
2543555A	113245	2607211	113246	2928610	111948	432565	110866
2543557	113245	2607211A	113246	2929510	111686	432566	110585
2543557A	113245	2607212	113946	2929580	112112	432567	110819
2543557B	113245	2607216	115369	2929780	111289	432569	111332
2543558	112471	2607216A	115369	2937130	110052	432570	110819
2543558A	112471	2607316A	115587	2937130A	110052	432571	110819
2543559	114039	2607372	115715	2937390	110112	432572	111332
2543559A	114039	2607395	113862	2938680	110163	432573	110587
2543560	113940	2607395A	113862	2939210	110112	432575	110584
2543560	116048	2607703A	113992	2939520	112097	432576	110584
2543561	115766	2607765A	114884	2939590	111510	432581	110585
2543561A	115766	2608339	114467	2940275	111071	432582	112295
2543562	113940	2608371	113657	2940303	111288	432586	111334
2543562	116048	2608426A	115713	2940303A	111288	432588	110587
2543562A	113940	2608427	115528	2940304	112149	432590	111251
2543562A	116048	2608427A	115528	2940304A	112149	432591	110584
		260869C	115581	2940305	112149	432598	110584

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
432606	110865	433244	110367	433346	111118	436024	110858
432607	110368	433245	110367	433347	111131	436025	111054
432614	110585	433245	110866	433347	113346	436026	112289
432621	110585	433246	110367	433351	110743	436030	112321
432622	111251	433246	110866	433352	110743	436032	112455
432623	110584	433247	110367	433353	110144	436033	112289
432626	111055	433247	110866	433353	111075	436034	110847
432628	111251	433248	111347	433358	111075	436034	111122
432629	112295	433248	112295	433359	110179	436035	110854
432634	111025	433249	110585	433364	111076	436037	110814
432636	111130	433256	111114	433364	112162	436037	111693
432637	112295	433256	112541	433368	111071	436038	111112
432643	111422	433261	111058	433404	110975	436040	112533
432644	111851	433262	111010	433420	111072	436040	113446
432659	112289	433264	110865	433429	112728	436041	110844
432663	110338	433267	110869	433437	111072	436042	111112
432666	111029	433268	110996	433440	111082	436042	111120
432670	113605	433269	110363	433442	111082	436043	112537
432672	112295	433272	111102	433442	112298	436044	110522
432673	111508	433273	111102	433442	112728	436044	113134
432675	111347	433274	110772	433444	112744	436045	113846
432681	113307	433276	110365	433447	111072	436047	115540
432684	112295	433276	111585	433448	111072	436048	111694
432685	114095	433278	110338	433448	111171	436049	111619
432726	111082	433278	110365	433449	112744	436051	112295
432739	111075	433278	112295	433451	111171	436052	110354
432765	112744	433279	110352	433453	110889	436052	110441
432772	111153	433282	110812	433455	111841	436052	112439
432776	110931	433286	110336	433457	112162	436053	110394
432783	110889	433286	111131	433459	111325	436055	110368
432799	111319	433287	110336	433459	112756	436056	111055
432808	111071	433287	111131	433460	113500	436056	111123
432819	110969	433287	111750	433461	113500	436056	111127
432819	111086	433289	110336	433462	111171	436058	110585
432825	111289	433289	110831	433465	111072	436058	113481
432834	110743	433289	111131	433466	111319	436059	110585
432835	111086	433289	111269	433467	111171	436059	113481
432836	111289	433292	110459	433483	110348	436060	111251
432845	110913	433292	110461	433485	110179	436060	115442
432854	110358	433292	112251	433485	110969	436061	111114
432868	111686	433293	110530	433485	111184	436061	112541
432973	110178	433293	110869	433486	112238	436062	110584
432984	111948	433293	110997	433487	112162	436064	110587
432989	112098	433294	110368	434005	110766	436064	111130
433016	110865	433295	110775	434009	112288	436065	111130
433042	112744	433296	110364	434010	112288	436070	111755
433043	112149	433297	111055	434013	113470	436072	110442
433050	111288	433297	111127	434014	111629	436072	110565
433054	111656	433301	110352	434016	111833	436072	112660
433066	112744	433303	110587	434016	116063	436073	110529
433069	111841	433305	111070	434017	112046	436073	110813
433077	111072	433307	111063	434026	111842	436074	110529
433079	111321	433309	110585	434027	111833	436074	110813
433082	112162	433310	111114	434027	116063	436075	112135
433085	111036	433310	112541	434029	113351	436076	110818
433096	112756	433311	110584	434030	113351	436077	110536
433097	111325	433311	110640	434032	113295	436077	111752
433115	111035	433314	111332	434035	111842	436081	110585
433117	110912	433315	111332	434036	113351	436081	111251
433118	111035	433316	110565	436000	110772	436084	110585
433121	111171	433318	110536	436002	111065	436085	111489
433138	111093	433320	110585	436002	112440	436086	110524
433149	112769	433320	111251	436003	111347	436091	113465
433154	110619	433321	111029	436004	110862	436095	111231
433162	112292	433322	111130	436005	110862	436096	113466
433176	111319	433322	113443	436006	110838	436097	111231
433190	112299	433323	111029	436007	111228	436098	111231
433200	111100	433324	111070	436007	112124	436100	110975
433204	111068	433325	111025	436007	112289	436100	111653
433205	110587	433326	111115	436009	110831	436102	110887
433207	111063	433332	112295	436014	111010	436102	111153
433209	111063	433333	110365	436016	110865	436103	112719
433215	111115	433335	111061	436018	110864	436105	110882
433223	110793	433336	111069	436019	111059	436105	110890
433223	111066	433337	110336	436020	111060	436105	111686
433229	111125	433340	110867	436021	111058	436109	110899
433231	110793	433340	112290	436022	111059	436109	111180
433232	111029	433341	111131	436022	111748	436111	110890
433243	110856	433344	110839	436023	110997	436111	110912

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
436111	111138	436167	111184	436260	112782	436416	112097
436112	110611	436167	111185	436263	110970	436417	111419
436112	110882	436167	111204	436263	111948	436417	111987
436112	110890	436167	111289	436264	110107	436418	112747
436112	110912	436169	110179	436264	111649	436419	110766
436112	111138	436169	111086	436264	111948	436420	110117
436112	112719	436169	111184	436265	110641	436420	110766
436112	112768	436169	111185	436266	111662	436421	110116
436113	110611	436169	111289	436266	112098	436422	110113
436113	110912	436169	111364	436267	110105	436422	110895
436113	111035	436170	111086	436267	111649	436422	111146
436113	111078	436173	111086	436269	111662	436423	110895
436113	111138	436173	111364	436269	112098	436424	110113
436113	112768	436175	110178	436272	112736	436424	110761
436114	111035	436179	110178	436273	111355	436424	110895
436114	111085	436179	110759	436287	110911	436425	111141
436114	111148	436179	110770	436290	111149	436426	111141
436117	111035	436179	111289	436291	112729	436427	110113
436118	111036	436179	111362	436293	110913	436427	110761
436118	111621	436180	111289	436294	110107	436427	110906
436120	110923	436181	110968	436295	111169	436427	113920
436120	111093	436181	111289	436295	111800	436428	110895
436121	110358	436181	111362	436295	112056	436430	111141
436121	111138	436184	111096	436296	111287	436431	110113
436121	111146	436189	110911	436296	111288	436433	112757
436121	112098	436189	110919	436296	112763	436434	111886
436126	111093	436189	110975	436297	111166	436434	112076
436127	111649	436189	111653	436297	111686	436436	111834
436127	112098	436191	110919	436297	112775	436437	110112
436130	110877	436191	111094	436299	111288	436437	112784
436130	112310	436191	112149	436299	112763	436437	113477
436131	110877	436192	112149	436301	111170	436438	111528
436132	111147	436192	112735	436302	111170	436438	111658
436134	111147	436194	110360	436303	112750	436438	113477
436137	110911	436194	110913	436306	111085	436439	111658
436137	110975	436196	110913	436306	111321	436439	112784
436140	110178	436197	110913	436309	111321	436440	112345
436140	110968	436199	110911	436310	111321	436442	111353
436140	111185	436199	111094	436311	111149	436443	111479
436140	111204	436199	113758	436313	111072	436444	111477
436140	111834	436208	110975	436314	112754	436444	111820
436140	113378	436208	111653	436315	110877	436446	111803
436144	110968	436208	113758	436316	111071	436449	111676
436144	111184	436211	111139	436333	112687	436449	113885
436144	111185	436211	113611	436336	112230	436450	111354
436144	113378	436212	111139	436338	112230	436450	112529
436145	111289	436215	110360	436338	112292	436451	111354
436146	110358	436215	110913	436339	112230	436451	111369
436148	110972	436215	111287	436340	112298	436452	111319
436148	111168	436220	110919	436340	114026	436455	111841
436149	111086	436223	111364	436346	113439	436455	112744
436149	111166	436225	111287	436347	110163	436458	111319
436149	111656	436228	111094	436348	111331	436467	112679
436149	112056	436228	111154	436349	110889	436476	112298
436150	111166	436228	112149	436352	110163	436477	112772
436150	111187	436230	111036	436355	111085	436478	112688
436150	113376	436230	111621	436355	111834	436478	112703
436153	110077	436235	110882	436356	111171	436479	111948
436153	111656	436235	111148	436360	110889	436481	111411
436153	111767	436236	111035	436363	111352	436482	111353
436157	111166	436236	111148	436364	111352	436483	111820
436157	112056	436237	110882	436366	112299	436484	111477
436157	112775	436237	110890	436373	111402	436489	112287
436159	111656	436237	111078	436376	112183	436491	112548
436160	111168	436237	111418	436378	111397	436493	113991
436161	110972	436237	111686	436380	112800	436496	111226
436161	111168	436237	115873	436385	112687	436497	111048
436161	111800	436239	111620	436389	112750	436498	110374
436166	110178	436239	111654	436392	111364	436500	110318
436166	110179	436239	111686	436393	111631	436501	110318
436166	110759	436241	110912	436394	111987	436502	110128
436166	110969	436241	111620	436395	111987	436503	112531
436166	111086	436243	111620	436399	112763	436504	110802
436166	111289	436248	111071	436400	111154	436505	110168
436166	111364	436250	111325	436400	111288	436505	110264
436167	110178	436254	113485	436400	112763	436505	110307
436167	110179	436255	112769	436412	111834	436506	110168
436167	110759	436256	111082	436414	112098	436506	110267
436167	110968	436258	110619	436416	111419	436507	110264

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
436507	112270	436638	113382	437125	111369	437343	113404
436515	110675	436640	111478	437126	112529	437344	113404
436515	110927	436642	111318	437130	112228	437345	112648
436518	110267	436645	111321	437134	111515	437346	111943
436518	110703	436650	111987	437137	112058	437347	112458
436519	111578	436653	112557	437138	113603	437348	112399
436521	111578	436654	113604	437139	112480	437349	113247
436522	110136	436662	112679	437140	111722	437350	114680
436525	110137	436664	110163	437143	110805	437351	113248
436525	110138	436665	111947	437148	110806	437352	111631
436525	110374	436667	111369	437149	110128	437355	113405
436526	110138	436668	113485	437150	111692	437356	113575
436527	111264	436669	112467	437151	110632	437357	112469
436528	110631	436673	111720	437152	111294	437358	113751
436529	110631	436674	111720	437153	110374	437359	113510
436530	112270	436675	111946	437156	110706	437361	113249
436531	110969	436676	111397	437158	111611	437362	112413
436533	110248	436680	111886	437160	112468	437364	113878
436534	110138	436680	112076	437162	110385	437365	113510
436534	110258	436683	111426	437163	110965	437370	111687
436536	111435	436683	111732	437164	112772	437371	110622
436536	111538	436684	112229	437169	112274	437376	113302
436536	111705	436685	111427	437170	112273	437377	113252
436537	110496	436687	111289	437171	112460	437378	113920
436537	110682	436687	111362	437172	113406	437379	111362
436537	111705	436689	112780	437173	113751	437380	111176
436538	110138	436692	110770	437174	112399	437381	111289
436538	110496	436695	113474	437176	113283	437382	111176
436538	110628	436699	111356	437178	113751	437386	113885
436540	110250	436699	111364	437180	111831	437387	112680
436541	110682	436701	112165	437184	112458	437388	113447
436542	112297	436702	112557	437185	113404	437389	113833
436544	112531	436703	111658	437186	113404	437390	111623
436545	112970	436705	112056	437188	113882	437390	115890
436547	111361	436706	111937	437190	112648	437391	111293
436548	110664	436713	111722	437192	113405	437392	111988
436549	110134	436718	112529	437193	112469	437393	112199
436549	110168	436719	111514	437194	113575	437394	112056
436551	110128	436720	111514	437197	112458	437395	113340
436551	110267	436721	112056	437198	111719	437396	112075
436551	110703	436722	111169	437200	112470	437399	112273
436557	110906	436722	111800	437203	111722	437400	112079
436565	111629	436722	112056	437204	111934	437400	114789
436566	111629	436723	111164	437208	112471	437401	113887
436567	112742	436724	111187	437210	112461	437402	114027
436568	110113	436725	111186	437211	112689	437404	112274
436569	111629	436726	110972	437213	111732	437405	112765
436570	111629	436727	112775	437222	113300	437406	112468
436571	110113	436729	112679	437223	113246	437409	113246
436572	110116	436731	112557	437224	113302	437410	113407
436574	112734	436732	111967	437225	112535	437413	113879
436576	112729	436734	111658	437227	112472	437414	111990
436578	111141	436735	111719	437306	112059	437415	113251
436582	111842	436737	111934	437307	114684	437417	113407
436583	112343	436738	111722	437309	113407	437418	113510
436584	111629	436740	111934	437311	112144	437420	113882
436585	113611	436741	111723	437312	113835	437421	112468
436586	110882	436743	112057	437313	113577	437422	112416
436586	111418	436748	112059	437315	112075	437423	113245
436586	115873	436750	112199	437316	111989	437425	114352
436587	112453	436754	111754	437316	115482	437426	114080
436588	111146	436755	110607	437317	112002	437427	112325
436589	113920	436755	111754	437317	114797	437428	113403
436590	112803	436774	110891	437317	115483	437430	113877
436591	112159	436785	111093	437318	115711	437431	113950
436592	110931	437052	111741	437319	111895	437432	114128
436602	113500	437072	111149	437320	115307	437434	113940
436607	113868	437111	111176	437321	115711	437434	116048
436609	110802	437112	111718	437322	112458	437435	113871
436610	110804	437113	111267	437323	113403	437436	113755
436611	111532	437114	111943	437324	111895	437437	113919
436613	112688	437115	112193	437326	115833	437439	115310
436619	111788	437116	112462	437333	110659	437440	112561
436625	111149	437117	112413	437336	111309	437441	113448
436626	112734	437119	112165	437337	113518	437442	112561
436629	111149	437119	113577	437338	111405	437444	113253
436633	112765	437120	111186	437340	112396	437446	112189
436635	112681	437121	112087	437341	112397	437447	112189
436636	111498	437122	112087	437342	113404	437450	113896

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
437452	113881	437575	113755	437729	111902	438096	112474
437453	115543	437580	111354	437747	111280	438097	110315
437454	113992	437584	113946	437753	111598	438098	110958
437455	114877	437587	112529	437754	111894	438099	113521
437456	114769	437588	111886	437755	112334	438101	112322
437457	113948	437594	112076	437756	112121	438103	111307
437458	113640	437595	112806	437765	111406	438104	110807
437458	116067	437607	115619	437766	111767	438104	110810
437460	113250	437609	112072	437774	112698	438105	110158
437461	113246	437611	115619	437776	111601	438112	113929
437464	112720	437612	113952	437777	110701	438114	110810
437465	113503	437613	111824	437778	111812	438115	110808
437469	115621	437614	111899	437781	111587	438115	112215
437471	113640	437615	111902	437787	111623	438117	110389
437471	116067	437616	111807	437787	111742	438118	110811
437472	113755	437617	111375	437787	115890	438119	111305
437473	113720	437618	111898	437795	112746	438121	111461
437473	116064	437619	112142	437796	111614	438123	110809
437474	113722	437620	112143	437801	111902	438133	113254
437474	115963	437621	113889	437802	112078	438134	112218
437475	113721	437623	111795	437806	111850	438135	115522
437476	111746	437625	112197	437807	111883	438137	113267
437477	111820	437626	112428	437812	110567	438138	111909
437481	113280	437627	111317	437813	111620	438141	111805
437483	112406	437632	110967	437814	111416	438144	113962
437485	112407	437633	111779	437815	111568	438147	113756
437486	113289	437634	112151	437819	112191	438148	112290
437488	115853	437636	113486	437820	111779	438151	114127
437489	111890	437638	111279	437822	112332	438152	112429
437491	112530	437640	113296	437825	112021	438156	114199
437492	113770	437641	113832	437828	113498	438158	112475
437496	111514	437642	113889	437834	111850	438159	111312
437497	112271	437643	111518	437842	111726	438162	114161
437499	112529	437644	111756	437849	112194	438163	113932
437501	113317	437646	111225	437851	111802	438165	113926
437502	113874	437648	111237	437860	110697	438166	113933
437503	113720	437649	111824	437861	110694	438167	115744
437503	116064	437650	111384	437864	111480	438168	113719
437504	113722	437652	113939	437875	111266	438168	115869
437504	115963	437653	113489	437876	112093	438170	112475
437509	111518	437656	111828	437877	112086	438171	114163
437510	111756	437657	112777	437881	112228	438172	114034
437513	112043	437659	113298	438010	112224	438173	114176
437514	111579	437660	111883	438015	112217	438174	113773
437516	112557	437663	112693	438017	111307	438175	113842
437517	112860	437664	113832	438024	112214	438176	113841
437519	112860	437665	110496	438027	111931	438178	111690
437520	111517	437666	113350	438030	111070	438183	111123
437522	113442	437667	112073	438031	110205	438184	114171
437523	112746	437669	111689	438035	110206	438186	112053
437524	114757	437670	111413	438037	110209	438189	114030
437525	112198	437672	112190	438038	110512	438190	115947
437526	113992	437674	112418	438039	110980	438193	113926
437527	115919	437675	112194	438040	110981	438198	111849
437534	113889	437676	111376	438041	110210	438201	115974
437537	115418	437680	111578	438042	110213	438215	112440
437539	114042	437681	111342	438043	110532	438219	115611
437539	116113	437683	111381	438045	112119	438220	115839
437540	112197	437685	111316	438047	110212	438221	111906
437542	114831	437688	112939	438051	112116	438222	113905
437543	115531	437690	113285	438052	112289	438224	113897
437545	114130	437694	112539	438053	111619	438225	114299
437545	116069	437695	111747	438054	112218	438225	114299
437546	112415	437697	111626	438060	112235	438227	115376
437547	111884	437698	111779	438061	112340	438228	115685
437548	111828	437700	110706	438063	112235	438232	115948
437550	113946	437701	112196	438065	112251	438235	112116
437551	113471	437701	115987	438068	114460	438240	114878
437553	115859	437702	111814	438069	111070	438241	114872
437554	115856	437704	111708	438070	112217	438241	115875
437555	116038	437705	111483	438074	113481	438242	113609
437557	114524	437706	112128	438075	112286	438250	114073
437558	113940	437707	111437	438076	111900	438252	115634
437558	116048	437710	112419	438077	113387	438254	115336
437559	113862	437711	112072	438079	111931	438256	115949
437563	114736	437715	111980	438081	115442	438257	115402
437565	111315	437718	110679	438090	112474	438258	115610
437570	111824	437726	111950	438093	111994	438262	115612
437572	111894	437727	111883	438095	112474	438263	114074



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
438269	115829	439294	112461	439493	113640	439707	115384
438270	113843	439296	113300	439493	116067	439709	115581
438272	115574	439298	113302	439495	113405	439718	115713
438274	115745	439299	112535	439500	115621	439720	115528
438298	115555	439301	112472	439502	113640	439721	115713
438299	115684	439302	112059	439502	116067	439723	115834
438315	114074	439305	113407	439503	113755	439727	114757
438322	111552	439306	112144	439504	113720	439728	115659
438334	115448	439307	113835	439504	116064	439738	115437
438336	113254	439308	113577	439505	113722	439744	114042
438337	113719	439310	112075	439505	115963	439744	116113
438337	115869	439311	111989	439506	113721	439752	115707
438338	113897	439312	112002	439511	113874	439759	115604
439000	111352	439312	114797	439523	113720	439767	114128
439001	111353	439318	115711	439523	116064	439769	115924
439002	111479	439319	112458	439524	113722	439776	114780
439003	111477	439322	115833	439524	115963	439778	112402
439007	111946	439326	112002	439525	113317	439780	115667
439023	112298	439326	114797	439529	112043	439791	115826
439024	112772	439327	112396	439530	112529	439806	115922
439025	112703	439328	112397	439531	113442	439811	116040
439030	111411	439330	113404	439533	114757	439822	114722
439034	113471	439331	113404	439535	115919	439837	115713
439038	112800	439333	111943	439540	112197	439881	113768
439039	112287	439338	112399	439550	115531	439882	113763
439045	111082	439339	113247	439552	114130	439900	114044
439053	113868	439341	113248	439552	116069	439901	114045
439054	111532	439343	110659	439553	113946	439902	114046
439056	112688	439346	111309	439555	112194	439906	114724
439062	111788	439384	113518	439556	115859	439913	114805
439064	112681	439385	111405	439557	115856	439914	114805
439065	111498	439391	113751	439558	116038	439926	114724
439069	111478	439392	113510	439560	114524	439948	115919
439079	111987	439394	113249	439564	114736	439955	113967
439083	113604	439395	113878	439573	112469	439970	111991
439093	111947	439398	112193	439575	114673	439987	114513
439095	111369	439404	110706	439578	115766	440001	113942
439101	114077	439407	111240	439579	114832	440008	112073
439103	112467	439410	111406	439580	113861	440017	112469
439180	111072	439415	110804	439581	115858	440024	112698
439181	111397	439420	113302	439584	113862	440026	112272
439182	111937	439427	111426	439587	114039	440027	112763
439184	114084	439429	113403	439594	111732	440028	114673
439185	111397	439430	112199	439595	114293	440036	115766
439189	110052	439431	112144	439601	115923	440037	114832
439190	112548	439435	113503	439608	115730	440038	113861
439192	113991	439437	112075	439609	115912	440039	115858
439206	111946	439440	112273	439613	114292	440044	113836
439206	111967	439441	112079	439619	114102	440048	112045
439208	111719	439442	113887	439619	116068	440051	112165
439226	112199	439443	114027	439621	115860	440056	113862
439230	111718	439445	112274	439625	114131	440057	114102
439231	111631	439446	112468	439628	115920	440057	116068
439232	111943	439450	113407	439630	114082	440058	110631
439233	114084	439451	113253	439630	116043	440059	114039
439234	112193	439453	113879	439631	114306	440061	114122
439235	112462	439454	111990	439638	113134	440062	112144
439236	112413	439455	113251	439641	115582	440063	115659
439240	110889	439457	112229	439642	114322	440064	113858
439241	113920	439458	111293	439643	114780	440064	115976
439243	111075	439459	113881	439651	113657	440067	114122
439244	111369	439460	113510	439654	115622	440068	114882
439245	112529	439461	113887	439658	115913	440069	110891
439248	112480	439463	112468	439661	114879	440074	114293
439252	112468	439464	113245	439662	115921	440097	115923
439255	112419	439468	114352	439664	113992	440099	115118
439258	113406	439469	114080	439667	114109	440102	113035
439261	112399	439471	113877	439669	111988	440103	113657
439263	113283	439472	113950	439677	114463	440104	113657
439265	113751	439473	114128	439683	115587	440105	113440
439268	113404	439475	113940	439691	113405	440112	111240
439270	112688	439475	116048	439692	113575	440116	113697
439271	113882	439478	113919	439693	113246	440118	112328
439275	113405	439481	113253	439695	113246	440119	113328
439282	111719	439485	113896	439696	113755	440120	113785
439284	112470	439487	113881	439702	113250	440121	112328
439287	111722	439488	115543	439705	113720	440122	114114
439289	111934	439489	113992	439705	116064	440124	115912
439292	112471	439490	114877	439706	115668	440129	114036

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
440131	111569	440576	114724	455522	110582	455605	110389
440134	112097	440588	114805	455523	110213	455606	110149
440176	114102	440589	114805	455524	110532	455606	110808
440176	116068	440612	113958	455526	110209	455606	112215
440179	115860	440616	114067	455526	111421	455607	110158
440183	114292	440621	115583	455527	110525	455607	110315
440185	114131	440624	115861	455528	110524	455607	110479
440188	115920	440626	115862	455529	110524	455609	110149
440191	112142	440650	113941	455530	110206	455609	110808
440192	113709	440651	114121	455530	110210	455609	111310
440193	113710	440652	113956	455531	110206	455611	110152
440194	111623	440654	113352	455532	111640	455612	110397
440194	115890	440655	113336	455533	110527	455613	110323
440196	111797	440656	113772	455534	110214	455614	111637
440197	114082	440657	114431	455535	110212	455615	110512
440197	116043	440658	113945	455536	110520	455616	110535
440198	114306	440659	113771	455536	114047	455617	116040
440207	115582	440665	113710	455537	111047	455618	110524
440208	114322	440666	112415	455538	110980	455621	110525
440209	114780	440667	111991	455539	110207	455622	113468
440212	113837	440690	113884	455540	110207	455623	110206
440220	112414	440691	115546	455541	112119	455624	113389
440221	112414	440697	115919	455542	110981	455625	113847
440222	113599	440702	113405	455543	110205	455626	111421
440223	112202	440704	113279	455544	110205	455628	112167
440224	113708	440705	114705	455546	110209	455629	112052
440226	112144	440706	114829	455548	111059	455632	111334
440228	113888	440707	114512	455548	111748	455634	111015
440229	112402	440718	114826	455549	111063	455635	113307
440234	112457	440748	114322	455550	112295	455636	114719
440236	114673	442032	113510	455553	111422	455661	111131
440239	115622	442042	113575	455554	111065	455665	110149
440240	115730	442123	114467	455554	112440	455669	110522
440244	115913	442274	114179	455555	110157	455671	111911
440246	114879	442275	115394	455555	110158	455671	114118
440247	115921	442276	112821	455555	110315	455672	111749
440249	113992	446500	114760	455560	111312	455673	112131
440253	114109	446502	111906	455561	110157	455674	111851
440254	112729	446503	113905	455561	110158	455676	111400
440262	114463	446506	115361	455561	110315	455677	112172
440279	113946	446507	115426	455562	110158	455680	112321
440290	115791	446509	114163	455562	110315	455684	111030
440296	113720	446510	114034	455562	110479	455686	110842
440296	116064	446512	113897	455564	110142	455687	111029
440297	115668	446516	114204	455564	110332	455690	110585
440298	115384	446517	113960	455565	110144	455691	111070
440300	115581	446750	115827	455566	110277	455693	113605
440308	115713	446768	114298	455567	110575	455694	112295
440310	115528	448054	112218	455568	110278	455695	112295
440313	115834	448069	111070	455569	110279	455696	110839
440315	115547	448075	111060	455569	110280	455697	111508
440324	115529	448152	112429	455569	111312	455699	111123
440335	115580	448176	113841	455570	110280	455700	111127
440342	115707	448261	113515	455571	111558	455713	111442
440343	115730	448269	115829	455573	110249	455714	113024
440348	113922	448271	115839	455574	110386	455715	112214
440351	115604	455022	111131	455574	110719	455716	112214
440358	115356	455502	111231	455578	110249	455717	111442
440360	115924	455504	110512	455578	110312	455719	112295
440408	115631	455505	110512	455578	111442	455720	111851
440412	115667	455506	110149	455581	111608	455720	112440
440413	115910	455507	113269	455582	110149	455722	114095
440421	114898	455508	113134	455582	110808	455723	114100
440426	115582	455509	111231	455582	111311	455723	115893
440428	115826	455511	111025	455583	111303	455724	112235
440444	113955	455512	110587	455585	110152	455725	112290
440444	114801	455512	111070	455585	110154	455727	112286
440453	115905	455512	111130	455588	110249	455728	112307
440460	115922	455512	113443	455589	111442	455728	113750
440476	114064	455514	111070	455592	110389	455733	112224
440477	115365	455514	114460	455593	110807	455735	113478
440478	114724	455516	110523	455593	110810	455737	112217
440479	115417	455516	113464	455595	110708	455738	111251
440482	115434	455517	110517	455595	111387	455739	111307
440491	115620	455517	110521	455596	111564	455743	111136
440510	114115	455518	110518	455600	111548	455744	111274
440517	113972	455519	113464	455603	111564	455746	110867
440541	115548	455520	110517	455604	110260	455747	111931
440566	113883	455521	110520	455604	111544	455748	110584

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
455749	111070	455977	111214	458288	113928	458512	114123
455871	112116	455979	112306	458290	115974	458513	111817
455872	112124	455981	113750	458292	115685	458514	112006
455876	112218	455982	113254	458317	115407	458518	113361
455879	111848	455983	112218	458318	111310	458520	111728
455884	111303	455985	114199	458319	111310	458522	113040
455885	112459	458027	110713	458320	113314	458523	112454
455886	111136	458041	113387	458322	111552	458526	111805
455886	111534	458116	111906	458323	111552	458528	111908
455887	111534	458117	111906	458324	113329	458532	113024
455889	113446	458118	112290	458326	111970	458533	111544
455889	115506	458156	113451	458329	113760	458535	115942
455890	112235	458159	113267	458334	112823	458537	111023
455891	112340	458160	111909	458334	115872	458538	112430
455892	111374	458160	112005	458336	111640	458545	113745
455893	112235	458161	110574	458340	110208	458545	113745
455894	111680	458161	111805	458341	111399	458546	110811
455895	112251	458162	113962	458342	112581	458547	112083
455896	112290	458165	113756	458351	114029	458552	112236
455897	111865	458166	114127	458366	113930	458553	111382
455899	112053	458167	112429	458370	111906	458556	112454
455900	112053	458169	113674	458371	112821	458558	111349
455901	110394	458170	114199	458371	115870	458564	111848
455902	111385	458172	112475	458372	115611	458565	113936
455903	111750	458173	111312	458373	115839	458566	111865
455904	111131	458174	111910	458374	113794	458573	111492
455905	110809	458175	112581	458377	113905	458577	112300
455906	110576	458176	111771	458378	113662	458579	111565
455907	111241	458177	114523	458379	113965	458580	111874
455908	110155	458178	114161	458381	115950	458584	111525
455910	110155	458179	113932	458382	111485	458585	112379
455910	110256	458180	113926	458385	111909	458585	114321
455910	111452	458182	115744	458386	113446	458586	112438
455911	110574	458184	111848	458388	113897	458587	111679
455912	111445	458185	113933	458389	114299	458590	111785
455915	110808	458186	115744	458389	114299	458599	110411
455915	110810	458187	112215	458390	113841	458607	113928
455916	111451	458188	111123	458391	115376	458611	110473
455918	111552	458189	113761	458392	115685	458612	112301
455919	111552	458190	112818	458393	114175	458620	111550
455922	110152	458191	113719	458397	115948	458621	110260
455923	110709	458191	115869	458403	115574	458623	110396
455924	111984	458192	111996	458412	115634	458629	111561
455925	111683	458198	113609	458416	115949	458631	111763
455926	110512	458200	112224	458418	115610	458634	110713
455927	111900	458201	112116	458419	115539	458674	115637
455927	115503	458205	111849	458422	115612	458689	113964
455928	114460	458206	111608	458423	114074	458700	114060
455929	111070	458207	110810	458429	115829	458729	115312
455930	112286	458208	112441	458446	115745	458730	113678
455931	112217	458210	112475	458460	111911	458731	114062
455933	111694	458211	111769	458463	113644	458732	113303
455935	111030	458212	113430	458464	112309	458738	114074
455936	113481	458213	114163	458466	113701	458743	113702
455937	113443	458214	114034	458467	111823	458748	115405
455939	111900	458216	113773	458469	112440	458750	113909
455940	111690	458217	113842	458470	112821	494709	112274
455942	112131	458218	113841	458470	115870	494714	115438
455943	112295	458219	112320	458471	112380	495107	113933
455945	110587	458220	111995	458471	115951	495116	111123
455946	110584	458221	112005	458473	112553	499526	112162
455947	111347	458222	110847	458478	113649	510372	110113
455949	111931	458224	112431	458480	111550	510391	112097
455950	115442	458226	115442	458481	111311	510426	110766
455954	112475	458228	111123	458483	111459	510803	110127
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455956	115354	458231	114171	458485	113271	510816	110127
455959	112474	458233	111730	458486	112436	510819	110127
455960	111130	458238	115947	458487	111451	510823	112112
455962	110584	458239	113927	458490	112214	510834	110127
455962	111994	458248	113963	458491	111476	518039	111397
455963	110315	458249	113926	458492	111904	523158	111141
455964	110958	458253	111865	458495	112221	523159	111141
455969	111307	458257	112309	458501	112103	523161	110895
455971	112474	458260	112006	458503	110323	523161	111146
455972	112474	458263	113761	458504	113451	534054D	110484
455973	111123	458269	113759	458505	112445	534054M	110584
455974	112218	458280	112441	458506	111912	549277	111720
455976	113929	458285	111550	458509	111455	567051	111515

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
573387	113134	726024	112218	746068	113471	A11VI99	113405
578147	112290	726025	113929	746069	111036	A12R56	110743
582783	110706	726026	111748	75653A	110367	A13E09	111154
592601	113477	726029	111900	76517	113466	A13E1	111036
592772	111397	726031	112475	893633	110540	A13E23	110912
592776	111658	726032	111911	94170X	110367	A13E25	111035
592798	110759	726033	112295	94612K	111066	A13E26	111035
594082	113307	726034	112286	94955E	112651	A13E41	111288
594085	111015	726035	110585	99680X	110587	A13E43	111154
594091	113307	726036	112307	9AR2518	110913	A13E45	111094
594094	111231	726039	113719	9AR2566	111948	A13E50	111621
600000	111807	726039	115869	9AR2596	110911	A13E58	111154
600001	114114	726040	111680	9AR2621	110911	A13E63	113471
600003	111339	726041	111123	9AR2699	110968	A13E68	111148
600005	113331	726042	112440	9AR2708	111653	A13N104	112728
600006	113519	726043	113430	9AR2725	110107	A13N11	111834
600007	111787	726044	111694	9AR2786	111948	A13N110	111082
600010	113330	726047	111070	9AR3855	111510	A13N120	112744
600011	111565	726051	111063	A0002607372	115715	A13N121	111082
600012	112333	726809	113481	A0002655009	112327	A13N124	112744
600017	113791	726824	112218	A0002655010	115853	A13N129	111841
600018	113519	746000	112461	A0002655023	113657	A13N130	112754
600022	111787	746001	112471	A0002655103	113863	A13N133	111321
600024	113331	746003	111426	A000265516	113652	A13N139	111072
600026	111726	746005	112292	A0002655221	113317	A13N140	110163
600027	113652	746006	113485	A0002655300	114664	A13N140T	110163
600028	113791	746007	112271	A0002655301	114664	A13N147	111397
600029	113791	746008	112397	A0002655475	114495	A13N147M	111397
600032	110805	746010	112229	A0002655516	113652	A13N148M	111397
600034	111406	746011	112058	A0002655524	115855	A13N149M	111397
600040	111314	746012	112458	A000A003	110659	A13N151	112162
600041	110804	746013	111803	A000A0062	111929	A13N157	112756
600043	111314	746014	112460	A000A0063	111929	A13N158	111325
600044	111309	746015	112480	A000B015	110699	A13N161	112769
600046	113792	746016	112287	A000B016	110706	A13N163	113500
600049	113331	746017	112416	A000B0301	110802	A13N164	113500
600052	111279	746018	113405	A000B0331	110959	A13N165	112183
600054	112128	746020	112079	A000B0341	113633	A13N166	110906
600055	111238	746021	112688	A000B0391	111309	A13N167	112162
600058	110808	746022	112162	A000B0431	110540	A13N171	111171
600059	110807	746023	111515	A000B0441	110804	A13N175	111841
600062	113638	746024	113500	A0B09601	110540	A13N176	112754
600070	113638	746025	112002	A11M11	110743	A13N177	112162
600072	111476	746025	114797	A11M12	110743	A13N178	111321
600074	114885	746025	115483	A11M4	110743	A13N181	111076
600076	111241	746026	111718	A11M5	110743	A13N182	112162
600077	113937	746027	113940	A11M6	110743	A13N183	112162
600078	113937	746027	116048	A11VI102	112648	A13N186M	111397
600081	113445	746029	112728	A11VI104	111722	A13N190	114077
600083	112322	746030	112769	A11VI105	111934	A13N1M	111397
600087	111710	746031	110619	A11VI106	113405	A13N2	111397
600089	111710	746032	113640	A11VI108	112648	A13N206	112769
600091	111786	746032	116067	A11VI109	113250	A13N209	112769
600092	113129	746033	112121	A11VI11	110619	A13N214	111168
600093	115855	746034	112151	A11VI110	113403	A13N215	111841
626614	112290	746036	112703	A11VI111	113577	A13N216	112754
726000	110584	746038	113603	A11VI21	111352	A13N218	111076
726001	111251	746041	112782	A11VI22	111352	A13N219	112162
726002	111123	746042	111989	A11VI25	112292	A13N220	112162
726003	111641	746042	115482	A11VI36	111353	A13N226	111171
726004	114460	746043	113948	A11VI40	112292	A13N228	111171
726005	111070	746044	111947	A11VI43	110619	A13N229T	110163
726006	112251	746047	112230	A11VI45	112287	A13N22T	110163
726007	112320	746049	111186	A11VI46	111411	A13N23	113920
726008	111851	746051	112299	A11VI51	112292	A13N232	111321
726009	113481	746053	111352	A11VI55	110619	A13N234	111397
726010	111130	746055	110923	A11VI64	111353	A13N236	113920
726012	110867	746056	111411	A11VI66	111352	A13N236M	113920
726013	111534	746057	111353	A11VI72	112292	A13N237	111402
726014	112295	746058	111722	A11VI81	111937	A13N240	111076
726015	110585	746059	112648	A11VI88	111718	A13N241	111321
726016	113346	746060	111532	A11VI89	111723	A13N255	112183
726017	111130	746061	113406	A11VI91	112058	A13N257	114077
726018	113387	746062	112458	A11VI92	111722	A13N259	111397
726019	111900	746063	113376	A11VI93	111934	A13N259M	111397
726020	111422	746064	111687	A11VI94	112199	A13N260	114084
726021	112053	746065	111477	A11VI95	112273	A13N269	111803
726022	111994	746066	111479	A11VI97	111722	A13N270	110052
726023	113750	746067	112681	A11VI98	113577	A13N271	112548

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A13N272	114077	A13VI207	111719	A14N119M	113477	AB190025	110804
A13N273	113991	A13VI210	112679	A14N137M	113477	AB190058	111405
A13N28	111226	A13VI212	111934	A14N140	111319	AB190072	110804
A13N281	111226	A13VI220	111369	A14N141M	111658	AB190097	111314
A13N283	110163	A13VI222	111890	A14N144	110889	AB190119	110804
A13N283M	110163	A13VI223	112274	A14N163	110889	AB190147	113657
A13N285	113382	A13VI224	111722	A14N182	111987	AB190205	111314
A13N285M	113382	A13VI230	113485	A14N183	111631	AB190386	111314
A13N289	111321	A13VI231	112688	A14N183M	111631	AB1950116	113652
A13N291	114084	A13VI232	111318	A14N185	111987	AB1950133	113652
A13N293	111075	A13VI233	113604	A14N186	111987	AB195116	113652
A13N2M	111397	A13VI234	112472	A14N187	111987	AB195126	112327
A13N33	110116	A13VI236	113575	A14N188	111987	AB195133	113652
A13N35M	111397	A13VI237	111967	A14N189	111987	AB195141	113517
A13N38	111075	A13VI241	113406	A14N190	111987	AC155513	110540
A13N39	111085	A13VI242	112469	A14N2	111071	AC155515	110540
A13N3M	110048	A13VI243	113961	A14N200M	111658	AC155602	110959
A13N43	111075	A13VI246	113404	A14N206M	111658	AC155603	110959
A13N4T	110163	A13VI252	112458	A14N207M	111631	AC155604	110959
A13N52	111226	A13VI253	112470	A14N208M	111631	AC155616	111710
A13N56M	110163	A13VI254	111719	A14N28T	111331	AC155907	110540
A13N57M	110048	A13VI256	113404	A14N3	111331	AC165531	111929
A13N5T	110163	A13VI257	111943	A14N3T	111331	AC165610	111710
A13N62	111171	A13VI258	112688	A14N4	110889	AC165616	111710
A13N63	111072	A13VI259	112059	A14N44M	111331	AC165617	111710
A13N65	111072	A13VI260	113485	A14N47M	113477	AC165618	111710
A13N80	111153	A13VI261	112688	A14N53	111171	AC730732	115833
A13N87	111072	A13VI262	111318	A14N55	111071	AD150413	110805
A13N89	112744	A13VI263	113604	A14N62	111171	AD155325	110699
A13N94	111075	A13VI266	111934	A14N73	111319	AD155326	110706
A13N95	111076	A13VI27	112782	A14N75	111319	AD160209	110706
A13R121	110887	A13VI273	112467	A14N81M	113477	AD165202	111929
A13R182	110801	A13VI274	112688	A14R26	111071	AD165206	113343
A13R192	111153	A13VI276	113575	A14R28	111071	AD165309	110806
A13R228	111072	A13VI277	112469	A14S054	112468	AD165320	111929
A13R260	111072	A13VI278	113404	A14S055	112468	AD165320Q	111929
A13R269	111072	A13VI279	113404	A14VI10	112772	AD165321	111929
A13V02	111093	A13VI280	112298	A14VI13	112703	AD165321Q	111929
A13V05	110923	A13VI281	112299	A14VI19	111720	AD165439	113343
A13V07	111093	A13VI282	113246	A14VI20	111720	AD165440	113343
A13VI100	111369	A13VI283	113246	A14VI22	112193	AD165444	113343
A13VI101	113604	A13VI284	115833	A14VI27	112460	AD165454	113343
A13VI102	111318	A13VI285	112458	A14VI28	112462	AD165471	113343
A13VI114	111820	A13VI286	112413	A14VI29	112468	AD225412	111344
A13VI118	112557	A13VI288	113404	A14VI30	112772	AF111225	113331
A13VI121	111477	A13VI289	112458	A14VI31	112772	AF111364	112333
A13VI123	111479	A13VI292	111719	A14VI34	113407	AF111382	113792
A13VI124	111477	A13VI300	112059	A14VI35	112461	AF111390	113331
A13VI126	111676	A13VI31	114026	A14VI36	113510	AF111393	113792
A13VI13	111319	A13VI40	111479	A14VI37	114684	AF175207	113519
A13VI130	111947	A13VI41	111477	A14VI40	113755	AF175362	113519
A13VI134	112529	A13VI46	112782	A14VI41	112461	AF175363	113330
A13VI135	111369	A13VI49	112230	A14VI42	112460	AF175385	113519
A13VI138	111478	A13VI54	112687	A14VI45	113407	AF175476	113330
A13VI142	112467	A13VI57	112679	A14VI46	113407	AF185452	112334
A13VI150	111947	A13VI63	111676	A14VI47	113407	AF190216	113519
A13VI151	112557	A13VI71	112299	A14VI48	113640	AF190217	113519
A13VI152	112557	A13VI72	112681	A14VI48	116067	APR140AB	111237
A13VI153	112679	A13VI73	111498	A14VI49	113640	APR140AA	110694
A13VI156	111478	A13VI74	111354	A14VI49	116067	APR155BA	110706
A13VI164	112679	A13VI75	111354	A14VI52	112468	APR165AA	110806
A13VI167	112679	A13VI76	111788	A14VI53	112468	APR225AA	111344
A13VI169	111369	A13VI78	111946	AB111033	111406	AR150BA	110959
A13VI170	111369	A13VI81	112298	AB111057	111406	AR150CA	110540
A13VI175	112529	A13VI83	112782	AB160108	113518	AR150DA	110540
A13VI176	111369	A13VI84	111532	AB165104	114114	AR150AA	110959
A13VI178	111967	A13VI85	114026	AB170035	111787	BM51267AR	111929
A13VI179	112057	A13VI87	112230	AB170036	111237	D10E85	112295
A13VI18	112800	A13VI94	112688	AB170066	111807	D10E92	112295
A13VI182	112079	A13VI95	113485	AB170094	111237	D10E921	112295
A13VI189	112298	A13VI96	112782	AB175015	110659	D10E922	112295
A13VI190	112413	A13VI97	113868	AB175019	111309	D11E104	113465
A13VI191	112299	A13VI99	112529	AB175020	110802	D11E118	113269
A13VI195	112059	A14N1	111071	AB175036	111237	D11E119	113465
A13VI197	112529	A14N100	113477	AB175053	110659	D11E119T	113465
A13VI198	111369	A14N100M	113477	AB175054	111309	D11E120	111332
A13VI202	111943	A14N11	110931	AB175068	111309	D11E122	113466
A13VI203	113603	A14N112M	113477	AB180128	111309	D11E122T	113466
A13VI204	112480	A14N118M	111658	AB180140	113656	D11E131	111332

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
D11E137	110565	D6RA132	111123	D7E22	112218	D7RP123	112440
D11E141	110439	D6RA133	111251	D7E23	110584	D7RP204	112475
D11E146	113269	D6RA137	114035	D7E25	110584	D7RS1	111442
D11E149	112651	D6RA138	114035	D7E26	112218	D7RS129	112286
D11E154	110565	D6RA15	111334	D7E27	113932	D7RS130	111900
D11E155	110439	D6RA16	111130	D7E29	115522	D7RS131	113387
D11E158	111332	D6RA161	111130	D7E30	114199	D7RS150	112429
D11E15H	110565	D6RA162	111123	D7E31	113267	D7RS29	112286
D11E167	111047	D6RA163	111123	D7E32	114199	D7RS30	111900
D11E167T	111047	D6RA167	112217	D7E38	111931	D7RS301	111900
D11E172	112541	D6RA168	111347	D7E39	114095	D7RS31	113387
D11E272	112541	D6RA17	114719	D7E4	111931	D7RS50	112429
D11E35	110818	D6RA18	111130	D7E40	114199	D7RS7	111442
D11E59	110818	D6RA187	114035	D7E41	113267	D7RSA10	112214
D11E75	114265	D6RA188	114035	D7E42	114199	D7RSA11	112214
D11E84	110439	D6RA19	113307	D7E47	113932	D7RSA2	111442
D11E99	113466	D6RA190	113443	D7E5	110584	D7RSA3	113024
D13E101	110205	D6RA20	110584	D7E52	113962	D7RSA4	112214
D13E101TE	110205	D6RA21	113974	D7E6	112218	D7RSA5	112214
D13E107	111231	D6RA210	113974	D7E7	111994	D7RSA7	111442
D13E107TE	111231	D6RA22	111015	D7E71	111994	D7RSA9	113024
D13E110	111231	D6RA23	110587	D7E8	111931	D8E104	110793
D13E110TE	111231	D6RA249	111123	D7ED28	113756	D8E111	110856
D13E111	111231	D6RA29	113307	D7ED281	113756	D8E116	111100
D13E111TE	111231	D6RA293	111123	D7EP12	111123	D8E121	110367
D13E117	111231	D6RA30	110365	D7ES1	111909	D8E122	110793
D13E117TE	111231	D6RA32	111123	D7ES5	111909	D8E124	110793
D13E118	111231	D6RA33	111251	D7G11	112475	D8E130	110856
D13E118TE	111231	D6RA34	113307	D7G22	114878	D8E131	110856
D13E119TE	111231	D6RA37	110584	D7G26	114030	D8E148	111100
D13E121TE	111231	D6RA38	111130	D7G3	113933	D8E152	110367
D13E123	111231	D6RA39	111025	D7G4	114127	D8E158	110363
D13E1231TE	111231	D6RA40	111404	D7GS10	113841	D8E21	110367
D13E123T	111231	D6RA42	110856	D7GS17	115744	D8E41	110367
D13E123TE	111231	D6RA43	111100	D7GS8	113842	D8E54	110856
D13E63	110512	D6RA431	111100	D7GS9	114171	D8E60	110367
D13E63T	110512	D6RA46	111251	D7R1	111029	D8E64	110367
D13E69	110512	D6RA48	111127	D7R11	111029	D8E66	110367
D13E69T	110512	D6RA5	110584	D7R12	111070	D8E70	110856
D13E81	110512	D6RA50	113307	D7R127	111070	D8E74	110856
D13E81T	110512	D6RA52	111015	D7R13	112295	D8E75	110367
D13HP601	112224	D6RA54	113307	D7R14	113478	D8E76	110793
D13HP613	114100	D6RA55	111335	D7R15	111029	D8E81	110367
D13HP613	115893	D6RA56	111251	D7R151	111029	D8E86	110856
D13HP703	111231	D6RA57	110584	D7R18	112295	D8E96	110793
D13HP705	111231	D6RA571	110584	D7R19	111851	D8E99	111100
D13HP709	114100	D6RA572	110584	D7R2	114460	D8R1	114161
D13HP709	115893	D6RA59	111422	D7R20	111070	D8R27	113926
D6G1	113719	D6RA6	111251	D7R24	114460	D8R28	114854
D6G1	115869	D6RA61	111251	D7R25	112295	D8R29	113926
D6G3	110584	D6RA62	111123	D7R26	114460	D8R49	115974
D6G32	113719	D6RA63	113605	D7R27	111070	D9E107	110336
D6G32	115869	D6RA66	111130	D7R28	111851	D9E114	111058
D6G321	113719	D6RA661	111130	D7R281	112440	D9E12	110367
D6G321	115869	D6RA67	112217	D7R3	111029	D9E123	112289
D6G33	113843	D6RA68	111347	D7R32	111070	D9E127	110338
D6G332	113843	D6RA7	111334	D7R33	111694	D9E128	110364
D6G5	111931	D6RA70	115354	D7R34	112475	D9E129	111055
D6GS11	114163	D6RA73	111251	D7R35	112295	D9E136	110865
D6GS12	114034	D6RA75	111335	D7R4	114460	D9E137	110585
D6GS12M	114034	D6RA76	111508	D7R41	113134	D9E138	110585
D6GS13	114176	D6RA78	111307	D7R42	111619	D9E140	111059
D6GS13M	114176	D6RA8	111130	D7R43	111851	D9E167	110336
D6GS14	113773	D6RA80	112217	D7R44	112474	D9E20	110367
D6GS14M	113773	D6RA83	111931	D7R45	111029	D9E22	110367
D6GS19	115947	D6RA91	115554	D7R46	111851	D9E237	110585
D6RA10	110584	D6RA92	111848	D7R47	112474	D9E238	110585
D6RA100	110584	D6RA93	111123	D7R48	112474	D9E243	112289
D6RA101	113481	D6RAD183	114525	D7R49	112474	D9E27	110793
D6RA104	113481	D6RADP359	114525	D7R5	112295	D9E276	110585
D6RA105	113929	D6RAP229	111931	D7R51	115403	D9E278	110866
D6RA107	115354	D6RAP404	115354	D7R53	112475	D9E34	110367
D6RA108	114198	D7E1	111641	D7R56	112475	D9E36	111066
D6RA109	111130	D7E15	115442	D7R57	112053	D9E39	110585
D6RA11	111404	D7E16	110584	D7R61	111996	D9E46	110866
D6RA110	113254	D7E18	111931	D7R64	112290	D9E48	110587
D6RA112	112295	D7E19	112218	D7R70	112251	D9E49	110587
D6RA115	113929	D7E2	110584	D7R71	113959	D9E50	113307
D6RA13	110394	D7E20	115442	D7R8	111070	D9E51	111398

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
D9E52	110585	FG23S022	115582	M43196	110808	NA281	111082
D9E53	111068	FG23S063	115582	M44684	110808	NA284	111180
D9E54	111066	FGN18S012	114876	M53436	111307	NA285	111153
D9E55	110866	FGN18S083	115580	M53486	111307	NA287	110931
D9E61	111066	FS10E10	115685	M56290	112322	NA294	111171
D9E62	111066	FS10E3	113932	M60062	113521	NA302	111319
D9E64	111068	FS10M3	115426	M60081	113638	NA316	111841
D9E68	110866	FS60PR006	113609	M60082	113521	NA317	112754
D9E70	111063	FS60PR019	113934	M62957	113020	NA320	111171
D9E701	111063	FS60PR020	114073	MC107012	110479	NA335	111036
D9E702	111063	FS60PR110	111231	MC107023	110479	NA336	112162
D9E72	110585	FS60PR171	112116	MC108024	110808	NA337	111331
D9E75	111068	FS60PR172	114872	MC108027	110807	NA345	112162
D9E76	110585	FS60PR172	115875	MC108029	110808	NA346	111321
D9E761	110585	HD90S010	111720	MC108030	110807	NA350	111171
D9E77	110585	HD90S011	111720	MC109011	110807	NA360	110163
D9E771	110585	HD90S013	111720	MC109015	114885	NA361	110163
D9E772	110585	HD90S013ZD	111720	MC109018	110315	NA363	113477
D9E773	110585	HD90S014	111720	MC109021	110808	NA365	110895
D9E774	110585	HD90S014ZD	111720	MC109025	110315	NA371	110895
D9E776	110585	HD90S016ZD	111720	MC109028	110808	NA374	112756
D9E78	110866	HD90S017ZD	111720	MC109032	110958	NA380	111035
D9E79	110866	HD90S019ZD	111720	MC109036	110808	NA386	111419
D9E85	111063	HD90S020ZD	111720	MC109039	110808	NA387	111397
D9E851	111063	HK988300	111476	MC109046	110808	NA388	111397
D9E852	111063	HQ808670	111565	MF250671	113676	NA391	111325
D9E9	110793	JM000A15001	114821	MG112014	110811	NA392	113500
D9E92	110856	M000A0171	110807	MG112022	111241	NA398	111319
D9E93	111100	M000A01901	110958	MG117559	110245	NA408	112769
D9EP119	110587	M000A0191	110958	MG120413	110809	NA423	112230
D9R112	112295	M000A0240Z	110808	MG120416	110578	NA433	112292
D9R116	111047	M000A0241	110808	MG120445	111476	NA435	111718
D9R119	111065	M000A025	110809	MG120559	110245	NA436	111803
D9R121	111070	M000A026	110576	MG120906	110809	NA437	111479
D9R141	110368	M000A0271	112342	MG122202	111565	NA438	111477
D9R144	111047	M000A0291	113129	MG122404	110389	NA440	111676
D9R149	112440	M000A0301	113456	MG122423	114762	NA442	112299
D9R237	110585	M04418	110806	MG122433	110809	NA444	112529
D9R73	111114	M04419	111344	MG232415	110576	NA445	111369
D9R84	111070	M04501	110576	MG250302	113129	NA450	111352
D9R89	111125	M04686	110807	MG250448	115674	NA454	110619
D9R90	111115	M11C40	112317	MG255301	112342	NA455	111353
D9R91	110354	M24698	113129	MN158384	113782	NA457	112800
D9RP160	111065	M24798	113129	MP112033	111305	NA461	112679
D9RP256	112295	M31612	110959	MP112038	110810	NA465	111653
ESW10E40	115555	M32909	110389	MP112040	110811	NA466	111411
ESW2022	115684	M34377	110540	MP112041	111241	NA467	111498
ESW20E11	115684	M34466	112342	MP112042	111305	NA468	112681
ESW20E26	115829	M35216	114885	MP112045	110810	NA469	112287
ESW20ER121	115336	M35529	110694	MP112056	111307	NA477	112298
ESW20ER123	115402	M36203	110578	N43169	110810	NA478	111532
ESW20ER123HE	115402	M36336	110808	NA014	110969	NA479	112688
ESW20ER20	115610	M36370	110315	NA028	111362	NA480	112772
ESW20ER20B	115610	M36505	110807	NA036	111289	NA481	112703
ESW20ER25	115539	M36709	110706	NA058	111948	NA485	113604
ESW20ER25HE	115539	M36710	110699	NA065	111185	NA492	111148
FG15T030	115356	M36873	110479	NA066	113574	NA494	111987
FG15T044	115604	M36881	110659	NA098	112744	NA500	113485
FG15T056	115431	M36934	111929	NA117	110743	NA503	111478
FG15T072	115604	M37156	110808	NA118	111948	NA504	111369
FG18S012	114876	M37208	111309	NA120	110913	NA506	111720
FG18S019	114292	M37454	110315	NA122	111653	NA509	110163
FG18S022	114082	M38382	110149	NA128	110360	NA511	111141
FG18S022	116043	M39376	110958	NA129	110913	NA514	110163
FG18S023	114306	M39378	110958	NA135	112097	NA518	110113
FG18S052	115581	M39419	110808	NA181	112097	NA520	111658
FG18S056	114042	M39589	110802	NA183	110116	NA521	112467
FG18S056	116113	M39590	113633	NA201	111154	NA524	111723
FG18S077	115437	M39646	110315	NA202	111094	NA526	113868
FG18S078	115924	M39882	110804	NA214	110912	NA528	111947
FG18S083	115580	M40185	110808	NA216	111686	NA530	112462
FG18S108	114082	M40237	110245	NA224	111656	NA531	112413
FG18S108	116043	M40472	110959	NA225	111800	NA533	111890
FG18S109	114306	M40473	110540	NA226	111800	NA534	111967
FG18T033	114109	M42373	110810	NA251	110889	NA535	111943
FG18T051	115713	M43005	110811	NA252	111171	NA536	111788
FG18T062	114697	M43006	111241	NA255	111075	NA541	112557
FG18T115	114697	M43007	110811	NA256	111076	NA542	112679
FG18T119	115713	M43195	110808	NA273	111075	NA544	112679

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
NA548	111934	ND172	114100	SG12S051	115438	SG9B066	113575
NA549	112057	ND172	115893	SG12S055	113503	SG9B067	113246
NA551	112059	ND204	111070	SG12S073	114080	SG9B068	115418
NA552	113577	ND209	111931	SG12S077	115438	SG9B077	112298
NA553	110889	ND211	111029	SG14B010	114722	SG9B078	112079
NA557	112557	ND212	110584	SG14B011	113252	SG9B079	115418
ND002	1110365	ND216	112218	SG14B012	113510	SG9B087	111989
ND011	110793	ND217	111508	SG14B013	113510	SG9B088	111989
ND011	111066	S0001250303	114892	SG14B016	114722	SG9B107	115549
ND025	112295	S000V1196228	111307	SG14B017	113871	SG9B121	115418
ND034	111125	S635329A	113934	SG14B019	112193	ST35C010	114044
ND036	111114	SG09B063	113575	SG14B020	112193	ST35C013	114045
ND036	112541	SG10B010	112458	SG14B022	114722	ST35C015	114046
ND039	110793	SG10B012	111426	SG15L012	113251	ST35C016	114045
ND046	111068	SG10B016	115711	SG15L026	113251	ST35C017	114045
ND047	111063	SG10B019	112458	SG15S010	114680	TA00023301	111710
ND049	110856	SG10B020	115711	SG15S016	112460	TA000A06101	111344
ND050	111100	SG10B021	112480	SG15S017	113755	TA000A07401	111406
ND053	111070	SG10B022	112469	SG15S018	112461	TA000A08101	111787
ND055	111115	SG10B023	113246	SG15S019	114128	TA000A14501	111405
ND057	110367	SG10B041	111426	SG15S021	112460	TA000A15101	110659
ND057	110866	SG10B048	113946	SG15S022	112461	TA000A17301	113518
ND058	1110585	SG11B010	114781	SG15S024	113640	TA000A28801	111237
ND059	111025	SG12B010	113882	SG15S024	116067	TA000A30601	114114
ND061	110336	SG12B011	113751	SG15S025	115369	TA000A33001	112530
ND068	110367	SG12B012	112397	SG15S030	112468	TA000A34501	113652
ND068	110866	SG12B015	112002	SG15S031	113948	TA000A34801	110802
ND069	111063	SG12B015	114797	SG15S032	114680	TA000A35201	111309
ND073	110585	SG12B017	112471	SG15S037	114128	TA000A39101	111309
ND074	112295	SG12B018	113283	SG6S010	112689	TA000A44301	113517
ND076	113466	SG12B021	113300	SG7S010	112199	TA000A48201	113792
ND078	110354	SG12B023	113302	SG7S012	113403	TA000A48401	113600
ND079	110439	SG12B024	113835	SG7S013	112199	TA000A48402	113600
ND086	112541	SG12B025	113751	SG7S014	112058	TA000A52201	111847
ND091	110338	SG12B027	112535	SG7S015	113405	TA000A52202	114114
ND094	111055	SG12B029	112193	SG7S016	113250	TA000A55401	111515
ND096	111058	SG12B030	113245	SG7S020	113879	TA000A55601	113791
ND108	110584	SG12B038	114673	SG7S021	111990	TA000A56901	113331
ND110	110584	SG12B039	115307	SG7S024	112058	TA000A57301	112333
ND111	110587	SG12B040	113247	SG7S025	112229	TA000A57401	113330
ND111	111130	SG12B042	112002	SG7S028	113577	TA000A58101	114219
ND113	111334	SG12B042	114797	SG7S070	113403	TA000A58201	113343
ND114	110585	SG12B047	113878	SG7S071	112199	TA000A58602	113519
ND119	110365	SG12B049	112397	SG7S074	113577	TA000A61201	113331
ND121	111251	SG12B050	113248	SG7S099	115827	TA000A62401	113792
ND122	110394	SG12B052	113919	SG8B011	112075	TA000A64401	113506
ND123	111070	SG12B054	113751	SG8B018	112273	TA000B13001	111710
ND128	111029	SG12B055	113249	SG8B020	113603	TA000B16701	110664
ND129	111029	SG12B060	113302	SG8B021	113575	TA000B28101	111710
ND130	110585	SG12B062	113877	SG8B022	113246	TA000B33801	110802
ND131	110584	SG12B063	114352	SG8B023	113253	TA0B09601	110540
ND134	111123	SG12B065	113871	SG8B026	113253	TC15C020	113640
ND135	111065	SG12B068	113245	SG8B027	113340	TC15C020	116067
ND136	111251	SG12B071	112471	SG9B010	112399	TG10B013	113946
ND137	112295	SG12B072	113245	SG9B011	112399	TG10B024	113946
ND138	111070	SG12B074	113882	SG9B013	111989	TG11C010	115310
ND138	113307	SG12B075	113878	SG9B015	112079	TG11C011	113940
ND138	114460	SG12B080	112472	SG9B017	112396	TG11C011	116048
ND139	113307	SG12B081	113919	SG9B018	113887	TG11C014	113874
ND140	111015	SG12B082	114352	SG9B024	112274	TG11C015	114769
ND141	111059	SG12B087	112197	SG9B025	114522	TG11C016	115621
ND145	110585	SG12B089	113862	SG9B027	112399	TG11C017	115370
ND146	111231	SG12B090	112002	SG9B033	112144	TG11C022	115310
ND147	111047	SG12B090	114797	SG9B035	115549	TG11C024	115853
ND148	113307	SG12B092	114039	SG9B037	111967	TG11C027	115766
ND149	111398	SG12B095	113248	SG9B038	111943	TG11C034	113940
ND150	111404	SG12B096	112471	SG9B039	111943	TG11C034	116048
ND152	112295	SG12B097	113245	SG9B042	112396	TG11C036	114406
ND156	111251	SG12B098	113919	SG9B043	113575	TG11C040	115419
ND158	112289	SG12B103	114673	SG9B047	112144	TG11C041	114882
ND159	111422	SG12B105	113862	SG9B048	113253	TG11C048	113861
ND160	111347	SG12B107	113245	SG9B049	111989	TG11C049	115310
ND162	111851	SG12B108	113248	SG9B054	113950	TG11C055	115411
ND162	112440	SG12B109	113919	SG9B055	113887	TG11C059	114406
ND163	112295	SG12B110	112471	SG9B057	113253	TG11C060	115411
ND164	113605	SG12B116	113248	SG9B059	111989	TG11C061	115310
ND165	111641	SG12B122	113245	SG9B063	113575	TG11C062	113940
ND169	112295	SG12B123	112471	SG9B064	113246	TG11C062	116048
ND171	111251	SG12B124	114039	SG9B065	113575	TG11C063	115766



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
TG11C064	113940	TG15C072	115860	TG8S019	115531	TM000A34001	114270
TG11C064	116048	TG15C073	114720	TG8S021	113721	TM000A34101	113445
TG11C065	115419	TG15C093	114720	TG8S022	113720	TM000A35301	111849
TG11C066	114882	TG15C094	115913	TG8S022	116064	TM000A36001	111912
TG11C067	115707	TG15C095	115631	TG8S023	113720	TM000A36101	113445
TG11C069	114882	TG15C098	113858	TG8S023	116064	TM000A37001	112322
TG11C076	114827	TG15C103	114724	TG8S024	114293	TM000A37201	113659
TG12C015	114757	TG15C112	115369	TG8S025	111718	TM000A38001	114820
TG12C033	114495	TG15C115	112460	TG9B024	113575	TM000V23601	113937
TG12C036	115583	TG15C116	112461	TG9B025	113246	TS10E1	113963
TG12C038	114866	TG15C118	113640	TG9B026	113946	TS10E26	114034
TG12C054	115861	TG15C118	116067	TG9B028	112469	TS10E3	113932
TG12C059	114811	TG15C119	113755	TG9B041	114131	TS10E4	112218
TG12C061	114811	TG15C121	114130	TG9B042	114131	TS10E5	112218
TG12C069	114067	TG15C121	116069	TG9B043	113405	TS12E1	114175
TG12C076	115862	TG15C124	115920	TG9B044	113946	TS12E10	111906
TG12C077	115921	TG15C134	115369	TG9B045	113575	TS12E36	115574
TG12C078	114463	TG15C146	114721	TG9B047	114879	TS12E9	113897
TG12C090	115587	TG15C154	115369	TG9B050	112469	TS12ER20	115611
TG12C094	113862	TG15C157	115834	TG9B051	112469	TS12ER22	115612
TG12C110	114757	TG15C169	114724	TG9B053	114879	TS12ER22M	115612
TG12C120	114811	TG15C173	114805	TG9B064	113575	TS12MR11	114163
TG12C140	115587	TG15C174	114805	TG9B065	113246	TS14E11	113905
TG12C141	115587	TG15C175	114805	TG9B066	113946	TS14E110	113254
TG12C143	115583	TG15C176	114805	TG9C013	115543	TS14E42	115559
TG12C175	114067	TG15C183	114724	TG9S010	113722	TS14E42	116054
TG12C191	115861	TG15C186	114724	TG9S010	115963	TS18E1	113842
TG12S101	115384	TG15C190	115631	TG9S011	114451	TS18E13	113933
TG12S111	115667	TG16C010	115919	TG9S014	115622	TS18E3	113841
TG12S220	115384	TG16C011	114736	TG9S015	113722	TS18E33	114029
TG12S221	115667	TG16C013	115856	TG9S015	115963	TS18E331	114029
TG12S247	115667	TG16C014	115858	TG9S016	113722	TS18ER121	114299
TG14C011	113992	TG17C010	113896	TG9S016	115963	TS18ER123	113841
TG14C012	114884	TG17C010B	113896	TG9S021	113722	TS18ER20	115376
TG14C014	115859	TG17C011	113896	TG9S021	115963	TS18ER22	115634
TG14C015	113992	TG17C015	114524	TG9S022	113722	TS2232	114074
TG14C016	113992	TG17C019	116038	TG9S022	115963	TS22E20	115745
TG14C020	114322	TG17C020	114408	TG9S027	114451	TS22E26	114030
TG14C022	114780	TG17C021	114189	TG9S036	113722	TS22E45	115948
TG14C023	115730	TG17C021B	114189	TG9S036	115963	TS22E5	114074
TG14C025	114722	TG17C022	114408	TG9S037	115622	TS22E5B	114074
TG14C026	113992	TG17C024	114831	TG9S039	114451	TS22E8	114074
TG14C027	114884	TG17C026	114832	TG9S060	115668	TS22E9	114074
TG14C028	115528	TG17C027	114189	TM000A0191	110958	TS24E3	115839
TG14C034	115730	TG17C028	114042	TM000A0241	110808	TS24E30	115839
TG14C036	115529	TG17C028	116113	TM000A0301	113456	TS24E6	115949
TG14C037	115547	TG17C030	114042	TM000A03801	110810	TS8E1	111641
TG14C040	115922	TG17C030	116113	TM000A03901	110808	TS8E2	110584
TG14C042	114780	TG17C030B	114042	TM000A04001	110811	TS8E3	114199
TG14C043	115826	TG17C030B	116113	TM000A04101	111241	TS8E4	113267
TG14C050	115730	TG17C032	114835	TM000A04201	111305	TS8E5	114199
TG14C051	115826	TG17C035	114189	TM000A05101	110810	TS8E6	114095
TG14C078	114322	TG17C036	115923	TM000A05501	110808	VA100	110178
TG15C011	113510	TG17C041	114102	TM000A06001	110576	VA100	110968
TG15C012	113881	TG17C041	116068	TM000A06101	110809	VA100	111185
TG15C018	113858	TG17C048	113896	TM000A06701	110389	VA101	110179
TG15C020	113640	TG17C054	114831	TM000A06901	110389	VA101	110969
TG15C020	116067	TG17C061	114102	TM000A07101	110245	VA102	110178
TG15C022	113755	TG17C061	116068	TM000A08401	111307	VA102	110770
TG15C023	113948	TG23C017	115413	TM000A08601	115674	VA102	110968
TG15C027	114720	TG23C019	115912	TM000A08701	113129	VA102	111185
TG15C028	113640	TG7S010	113405	TM000A13701	113638	VA102	111289
TG15C028	116067	TG7S011	113250	TM000A13901	113521	VA102	111362
TG15C032	115858	TG7S012	115659	TM000A14401	113020	VA103	110969
TG15C034	114130	TG7S013	113250	TM000A14901	111476	VA103	111086
TG15C034	116069	TG7S014	113405	TM000A15701	111851	VA103	111289
TG15C038	113881	TG7S015	113250	TM000A18001	114885	VA103	111364
TG15C042	115858	TG8C011	114877	TM000A18601	111565	VA103	111366
TG15C043	113510	TG8C018	115531	TM000A19301	111241	VA104	110759
TG15C048	115856	TG8S010	113721	TM000A21901	113141	VA104	110770
TG15C053	113640	TG8S012	113720	TM000A23501	111849	VA104	110968
TG15C053	116067	TG8S012	116064	TM000A23601	113937	VA104	111086
TG15C054	113755	TG8S013	113720	TM000A24301	111786	VA104	111289
TG15C056	114130	TG8S013	116064	TM000A27301	113659	VA104	111362
TG15C056	116069	TG8S014	113720	TM000A28901	113727	VA104	111364
TG15C057	114130	TG8S014	116064	TM000A30801	111912	VA104	113574
TG15C057	116069	TG8S016	113720	TM000A31001	112322	VA105	110968
TG15C058	114509	TG8S016	116064	TM000A31201	113796	VA105	111185
TG15C064	113881	TG8S017	111718	TM000A33401	113797	VA105	113378

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VALEO</b> <i>Continued</i>							
VA106	110770	VA159	112056	VA235	111361	VA328	112531
VA106	111362	VA160	111043	VA236	110348	VA331	111264
VA106	111364	VA162	110890	VA237	110385	VA332	110631
VA106	111366	VA163	111166	VA238	111578	VA334	111532
VA107	110179	VA163	111187	VA242	110250	VA335	111318
VA107	110969	VA163	113376	VA243	110496	VA336	113604
VA107	111086	VA164	110743	VA243	110628	VA338	112688
VA107	111184	VA165	110969	VA244	110138	VA338	113485
VA107	111364	VA165	112128	VA244	110248	VA339	112703
VA109	111076	VA166	111035	VA245	111364	VA343	110628
VA109	112162	VA166	112719	VA246	110968	VA343	112744
VA110	110770	VA167	112775	VA248	110607	VA344	112769
VA111	110178	VA173	111082	VA248	111362	VA345	113500
VA111	110179	VA173	112728	VA248	111754	VA346	111171
VA111	110759	VA174	110891	VA250	110927	VA349	112769
VA111	110968	VA174	110968	VA251	112297	VA353	112679
VA111	111184	VA174	111204	VA252	110664	VA364	111353
VA111	111185	VA175	110178	VA256	110607	VA365	111477
VA111	111204	VA175	110179	VA256	111754	VA366	111352
VA111	111289	VA175	110759	VA256	112149	VA367	111479
VA112	110178	VA175	110969	VA259	110607	VA374	110682
VA112	111185	VA175	111086	VA259	111754	VA376	111170
VA112	111289	VA175	111184	VA261	111147	VA377	112229
VA113	111075	VA175	111289	VA263	111093	VA378	111187
VA114	111166	VA180	110743	VA263	111149	VA380	110913
VA114	111656	VA181	111085	VA264	110923	VA381	110107
VA114	113376	VA182	111362	VA264	111093	VA382	111154
VA115	110972	VA186	110975	VA266	111325	VA382	111288
VA115	111168	VA187	111653	VA266	112756	VA382	112735
VA116	110972	VA189	111841	VA269	111154	VA382	112763
VA116	111168	VA191	111289	VA271	111321	VA383	111288
VA116	111800	VA195	111171	VA274	110975	VA383	112763
VA117	110360	VA195	111287	VA274	111653	VA384	112162
VA117	110913	VA196	111166	VA275	110887	VA390	111317
VA119	110891	VA196	111180	VA275	111153	VA391	111354
VA119	111289	VA196	111767	VA277	110248	VA391	111369
VA120	110350	VA199	111289	VA277	112750	VA392	111354
VA121	110179	VA200	110077	VA281	112687	VA392	112529
VA121	110969	VA200	111841	VA282	112800	VA393	112056
VA121	111086	VA202	111094	VA283	112754	VA98	110178
VA122	113474	VA202	112149	VA284	111076	VA99	110179
VA123	110360	VA202	112735	VA284	112162	VA99	110969
VA123	110913	VA203	111035	VA285	112299	VS102	111102
VA123	111287	VA203	111078	VA286	112292	VS103	110585
VA124	111075	VA207	110890	VA287	112230	VS104	110354
VA127	110919	VA209	111082	VA289	112772	VS104	110440
VA128	110975	VA209	112728	VA291	110619	VS104	110441
VA128	111653	VA211	112728	VA295	112298	VS104	112439
VA130	111071	VA212	111289	VA296	112782	VS106	111131
VA131	111072	VA214	111166	VA298	110374	VS107	110831
VA132	110358	VA214	111169	VA298	111148	VS108	110831
VA132	110890	VA214	111800	VA298	111166	VS109	111103
VA132	110968	VA214	112056	VA298	113376	VS111	111102
VA132	111100	VA215	112056	VA300	111620	VS113	110831
VA135	111738	VA216	111166	VA300	111654	VS114	110847
VA135	112238	VA217	112162	VA300	111686	VS115	111055
VA138	110877	VA218	110137	VA301	110611	VS116	111114
VA138	112310	VA218	110138	VA301	110882	VS116	112541
VA140	111355	VA220	110128	VA301	110890	VS117	110587
VA140	112238	VA220	110264	VA301	110912	VS117	111070
VA141	110365	VA221	110168	VA301	111138	VS118	111063
VA141	110913	VA221	110264	VA301	111620	VS119	110867
VA143	110889	VA222	110318	VA301	112719	VS120	110867
VA144	111036	VA224	110138	VA301	112768	VS123	111131
VA144	111621	VA225	110168	VA304	111654	VS123	111750
VA147	111948	VA225	113793	VA304	112771	VS124	110831
VA151	110360	VA226	110168	VA305	111411	VS126	111058
VA151	110913	VA226	110267	VA306	110882	VS128	110461
VA153	110367	VA226	110307	VA307	112681	VS129	110793
VA153	112298	VA226	110458	VA308	111498	VS129	111066
VA153	112744	VA227	110134	VA309	111356	VS132	111100
VA154	112744	VA227	110136	VA309	111364	VS137	110336
VA155	110913	VA227	110168	VA310	111176	VS138	111131
VA155	110919	VA229	110134	VA310	111293	VS139	110338
VA155	110975	VA230	110168	VA313	111368	VS140	111070
VA155	112098	VA231	111176	VA323	111176	VS142	110367
VA159	110972	VA232	111741	VA324	110891	VS142	110866
VA159	111168	VA233	111741	VA325	110631	VS143	110367
VA159	111800	VA234	113920	VA326	110358	VS144	111068

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VS145	110365	VS249	110862	836662073	114254	20-150-01009	113710
VS148	110368	VS249	111347	836666039	113610	20-150-01009	113710
VS148	111112	VS249	111911	836666226	113610	20-150-01010	113710
VS149	111010	VS249	114118	836666721	113610	20-150-01010	113710
VS152	110364	VS251	110522	836673290	113570	20-150-01034	113912
VS153	112651	VS251	113134	836673344	113949	9J	112943
VS154	110997	VS254	111059	836873290	113570	BF	112946
VS156	111025	VS255	111060			CA	112949
VS168	111114	VS259	111214	<b>VAUXHALL → OPEL</b>		CE	112947
VS168	112541	VS261	111750	<b>VENDOR</b>		CN	112959
VS169	110352	VS262	110867	<b>A000B0431</b>	110540	CT	112956
VS172	111125	VS262	112290	<b>VETUS</b>		CV	112951
VS173	110844	VS263	111131	31A68-00400	112492	CW	112947
VS173	113269	VS264	111131	31A68-00401	112492	CY	112954
VS174	110839	VS265	111030	31A68-00402	112492	DH	112958
VS174	110996	VS270	112295	<b>VISTEON</b>		DK	112961
VS178	110444	VS271	110869	20-150-01005	113709	KD	112940
VS179	111865	VS271	110997	20-100-01001	112235	KJ	112940
VS181	111058	VS272	110584	20-100-01002	112340	PZ	112933
VS182	110365	VS274	112235	20-100-01003	111374		
VS186	112295	VS277	112321	20-100-01005	112235		
VS187	111055	VS278	110865	20-100-01006	113701	<b>VM</b>	
VS189	110858	VS279	111029	20-100-01007	112290	3.553.0061A	115472
VS193	110363	VS280	111029	20-100-01008	112290	3.553.2022A	114265
VS194	110512	VS281	111115	20-100-01008	112290	3.553.2032F	115535
VS195	110839	VS283	111070	20-100-01010	111906	3.553.2039F	114265
VS197	110394	VS284	111029	20-100-01010	111906	3.553.2040F	115537
VS201	113574	VS285	111070	20-100-01011	112251	3.553.2053F	114402
VS204	110160	VS285	114460	20-100-01014	113910	3.553.2054F	114055
VS204	111054	VS286	110352	20-100-01014	113910	3.553.2055F	114020
VS204	111489	VS287	111422	20-100-01015	111900	3.553.2056F	115537
VS205	111055	VS288	112289	20-100-01020	112251	3.553.2063F	114055
VS205	111123	VS291	111619	20-100-01021	113905	3.553.2064F	114402
VS205	111127	VS292	111421	20-100-01022	112821	3.852.2236F	110890
VS206	111063	VS293	110812	20-100-01022	112821	3.852.2287F	115724
VS207	110336	VS296	111030	20-100-01022	115870	3.852.2313G	114466
VS207	111030	VS297	110842	20-100-01022	115870	3.852.2319F	114019
VS207	111131	VS298	110842	20-100-01023	113794	3.852.2319F	116047
VS207	111269	VS302	110814	20-100-01023	113794	3.852.2321F	114383
VS209	110142	VS302	111693	20-100-01025	112290		
VS210	110144	VS303	110807	20-100-01025	114119	<b>VOLKSWAGEN</b>	
VS211	110152	VS305	110808	20-100-01027	113906	001911023	111823
VS215	110278	VS306	110810	20-100-01027	113906	001911023B	115542
VS218	110279	VS307	111065	20-100-01028	113907	001911023C	111823
VS219	110149	VS308	111851	20-100-01029	113908	00A903025A	111902
VS219	110808	VS309	110862	20-100-01031	113909	012911023E	116039
VS223	113380	VS310	113389	20-100-01032	113710	012911023F	116039
VS224	110421	VS312	111728	20-100-01033	113710	012911023G	116039
VS224	111475	VS314	111312	20-100-01034	113910	0175903015E	111094
VS225	110402	VS316	111130	20-100-01034	113910	020911023	111748
VS225	111385	VS317	111442	20-100-01034	113910	020911023A	111748
VS226	110152	VS317	112214	20-100-01034	113910	020911023AX	111748
VS226	110157	VS318	111251	20-100-01034	113910	020911023B	112286
VS226	110158	VS319	111251	20-100-01034	113910	020911023C	112286
VS226	110315	VS320	110585	20-100-01039	115641	020911023DX	112286
VS226	110479	VS320	113481	20-100-01042	115405	020911023F	111909
VS227	112455	VS321	111063	20-100-01044	114092	020911023H	111909
VS228	110249	VS321	111251	20-100-01047	111906	020911023J	111748
VS228	110312	VS326	112295	20-100-01049	112235	020911023L	111748
VS230	110149	VS329	111748	20-100-01050	112821	020911023M	111748
VS230	110157	VS333	110394	20-100-01050	115870	020911023MX	111748
VS230	110808	VS338	110152	20-100-01053	114119	020911023N	111748
VS230	111310	VS339	111136	20-150-01001	113883	020911023P	112286
VS231	111059	VS340	111749	20-150-01002	113912	020911023PX	112286
VS232	110365	VS343	111069	20-150-01004	113708	020911023R	112286
VS233	110397	VS344	111489	20-150-01005	113709	020911023S	111909
VS234	110465	VS345	111251	20-150-01006	113709	020911023T	111909
VS235	111030	VS358	112340	20-150-01006	113709	020911024A	112286
VS236	110584	VS371	113745	20-150-01007	113709	021903017	111353
VS239	110847	VS456	112290	20-150-01007	113709	021903017A	111477
VS239	111122	YGA000061	115674	20-150-01007	113913	021903020DX	110358
VS240	110323			20-150-01008	113710	021903023J	111353
VS240	110709	<b>VALMET</b>				021903025B	111991
VS240	111749	835330965	113484			021903025BX	111991
VS241	112124	835339189	111740			021903025C	113885
VS243	111865	83646400	113901			021903025G	112709
VS244	111608	83646500	113570			021903025K	112002
VS247	110312	836640927	112556			021903025K	114797
VS247	111442	836640940	114254			021903026A	113884
						021903026G	114453
						021903026L	116038



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VOLKSWAGEN</b> <i>Continued</i>							
022903028A	113884	028903030	114797	02M911024G	115402	035903015N	111139
022903028B	114109	028903030A	112002	02M911024H	115964	035903015X	110911
023903023	111353	028903030A	114797	02M911024HX	115696	035903017A	112729
023903023B	111353	028903031	112397	02M911024J	115560	035903017AX	112729
025911023	113847	028903031A	112397	02M911024P	113841	035911023D	111010
025911023A	113847	028903031X	112397	02M911024Q	115560	035911023L	111010
025911023AX	113847	028911023M	113387	02M911024R	115696	035911023LX	111010
026903015	112149	02A911023C	112166	02M911024S	115402	035911023M	111010
026903015A	112149	02A911023D	112131	02T911023C	112438	035911023N	111010
026903015D	112149	02A911023DX	112131	02T911023E	112435	035911023O	111010
026903015DX	112149	02A911023E	112131	02T911023G	113515	035911023Q	111010
026903015E	112149	02A911023EX	112131	02T911023H	112438	035911023QX	111010
026903015EX	111094	02A911023F	111749	02T911023M	114176	036903017	110913
026903017	112149	02A911023FX	111749	02T911023R	114034	036903017A	110360
026903017A	112149	02A911023H	112166	02T911023S	114034	036903017AX	110360
026903017AX	111094	02A911023HX	112166	02T911023T	114176	036903017B	110913
026903017N	112149	02A911023J	111900	02T911024	114062	036903017G	111287
026903017X	112149	02A911023JX	111900	02T911024A	114034	036903017GX	111287
026903023A	112149	02A911023L	112005	02T911024B	114034	036903017H	112763
026903023B	112149	02A911023LV	112005	02T911024J	115401	036903017HX	112763
026911023	110865	02A911023LX	112005	02T911024K	114034	036903017K	111288
026911023B	110865	02A911023Q	112166	02T911024N	114034	036903017KX	111288
026911023BX	110865	02A911023R	111900	02T911024Q	114176	036903017X	110913
026911023C	112321	02A911023S	114160	02Z911021C	115336	036903018B	113874
026911023CX	112321	02A911023T	111749	02Z911021K	115336	036903021	111288
026911023G	112321	02A911023TX	111749	02Z911023C	114034	036903023	110360
026911023GX	112321	02A911024	111900	02Z911023E	114163	036903023B	110360
026911023X	110865	02A911024B	111900	02Z911023F	113842	036903023C	110360
028903018	111353	02A911024D	111900	02Z911023FX	113842	036903023D	110913
028903018A	111820	02A911024E	114160	02Z911023G	114163	036903023E	110913
028903018AX	111820	02A911024G	111900	02Z911023H	113842	036903023F	110360
028903018B	111988	02A911024X	111900	02Z911023HX	113842	036903023G	110913
028903018BX	111988	02A911203	112131	02Z911023M	114299	036903023H	110913
028903018F	111676	02B911023A	112052	02Z911023N	114299	036903023J	110360
028903018FX	111676	02B911023AX	112052	02Z911023P	114299	036903023K	110913
028903018X	111353	02B911023B	112306	02Z911023R	115338	036903023L	110360
028903023E	111676	02B911023BX	112306	02Z911023RX	115338	036903023M	110913
028903023EX	111676	02B911023C	112167	02Z911023S	115336	036903023N	110360
028903025C	113885	02B911023CX	112167	02Z911024A	115336	036903023NX	110360
028903025CX	113885	02B911023D	113387	02Z911024B	115336	036903023P	110913
028903025E	111676	02B911023DX	113387	02Z911024H	115336	036903023PX	110913
028903025EX	111676	02B911023E	112444	02Z911024J	113842	036903023X	110360
028903025G	111352	02B911023F	113677	02Z911024K	114299	036903024	114027
028903025GX	111352	02B911023J	113387	02Z911024L	115336	036903024D	113874
028903025H	111353	02B911023L	113387	02Z911024P	114163	036903024H	113874
028903025HX	111353	02B911023M	112444	02Z911024Q	115818	036903024J	113874
028903025P	111479	02B911023N	113387	030903023A	111352	036903024N	113874
028903025PX	111479	02E911023H	113509	030903023B	111352	036903025	112763
028903025Q	111477	02E911023J	115333	030903023BX	111352	036903025A	111288
028903025S	111988	02E911023L	115311	030903023C	111479	036903025B	112763
028903025SX	111988	02E911023Q	115539	030903023D	111352	036903025E	110913
028903026G	111828	02E911023S	115900	030903023DX	111352	036903025G	110913
028903027D	111988	02E911023SX	115900	030903023E	111352	036903025L	111288
028903027E	113770	02E911023T	115539	030903023EX	111352	036903025Q	111288
028903027L	111820	02E911024A	115638	030903023F	111479	036903025OX	111288
028903027N	111899	02E911024B	115561	030903023FX	111479	036903025S	112763
028903027P	111898	02E911024C	115539	030903023H	112075	036903026B	113887
028903028	113770	02E911024D	115561	030903023J	111989	036903026C	113887
028903028C	112075	02E911024H	115539	030903023JX	111989	036903027	112763
028903028D	111989	02E911024J	115539	030903023M	113887	036903027B	112763
028903028DX	111989	02M911021B	113773	030903023N	113887	036903027C	111288
028903028E	112002	02M911021G	115560	031903023	111154	036903027D	112763
028903028E	114797	02M911021H	115696	031903023D	111154	036903027E	111288
028903028F	112045	02M911023	114174	031911023A	115540	036903027G	111288
028903028G	111820	02M911023A	112429	034903015F	112777	036903028A	113887
028903028J	111884	02M911023C	112429	034903015T	112750	036911023C	111058
028903029A	112396	02M911023D	112429	034903016	112777	036911023E	111058
028903029B	112397	02M911023F	112429	034903016A	112750	036911023G	111058
028903029D	112396	02M911023G	113773	034903016D	112750	036911023GX	111058
028903029E	112397	02M911023M	113841	034903016G	112750	036911023H	111058
028903029G	112002	02M911023N	113841	034903016H	112777	036911023HX	111058
028903029G	114797	02M911023P	113841	034903017B	112777	036911023K	111058
028903029G	114797	02M911023PX	113841	034903017BX	112777	036911023KX	111058
028903029M	113406	02M911023Q	113678	034911023	111010	036911023M	111058
028903029Q	113252	02M911023R	112429	034911023A	111010	036911023MX	111058
028903029R	113252	02M911024	113841	034911023X	111010	036911023N	111058
028903029S	112396	02M911024A	113841	035903015	110911	036911023Q	113750
028903029T	112396	02M911024B	115402	035903015A	111139	036911023QX	113750
028903030	112002	02M911024C	115402	035903015E	111139	036911023S	112307

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
036911023SX	112307	03G911023	114096	049911023GX	110865	059911024J	114690
036911025B	112307	03G911023A	114177	049911023H	110865	059911024K	116000
037903023E	111477	03G911023AX	114177	04L903023L	114322	060903017A	111653
037903023G	111477	03L903023B	115713	051903015D	112777	060903017AX	111653
037903023GX	111477	03L903023BX	115713	052903015	110360	060911023	110997
037903023P	112149	03L903023D	115712	052903017	110360	062911023	114304
037903023Q	111353	03L903023DX	115712	052903017X	110360	063903015	111139
037903023QX	111353	03L903023E	114109	052903023	110360	063903017	111139
037903025C	111820	03L903023F	113992	053911023	112321	063903017X	111139
037903025E	112075	03L903023L	115826	053911023A	112321	068903017A	110360
037903025F	113887	03L903023LX	115826	053911023AX	112321	068903017B	110913
037903025K	114027	03L903023P	115730	053911023B	112321	068903017BX	110913
037903025L	112273	03L903024D	115826	053911023BX	112321	068903017F	110913
037903025M	112274	03L903024F	115712	054903015	112750	068903017K	111288
037903025S	112273	03L903024G	114697	054903015C	112806	068903017L	111154
037903025T	112274	03L903024J	114109	054903015K	112806	068903017M	111287
037903026C	113887	03L903024K	115713	054903015KX	112806	068903017MX	111287
037911023	111059	03L911021	115635	054903015L	112777	068903017N	111094
038903018	113888	03L911021C	115635	055903023	110360	068903017NX	111094
038903018A	112274	03L911021E	115636	055903023S	111653	068903017P	112729
038903018B	112402	03L911021G	115636	055911023A	110864	068903017PX	112729
038903018EX	112399	03L911021H	115635	055911023AX	110864	068903017Q	112765
038903018F	113751	03L911024A	115636	055911023E	111059	068903017QX	112765
038903018P	112079	03P903023D	115529	055911023F	111059	068903017S	112735
038903018PX	112079	040903015G	110911	055911023FX	111059	068903017SX	112149
038903018Q	112002	040903025.3	111096	055911023H	111059	068903017T	111154
038903018R	112274	043903023	111096	055911023J	111059	068903017TX	111154
038903018RX	112274	043903023A	111096	055911023K	111059	068903018B	112729
038903023	113340	043903023B	111096	055911023L	111059	068903018BX	112729
038903023K	113340	043903023C	111096	055911023M	111059	068903018P	112729
038903023L	112079	043903023CX	111096	055911023R	111059	068903023B	110360
038903023L	114789	043903023D	111096	058903016A	111478	068903023C	110913
038903023Q	113340	043903023DX	111096	058903016B	111478	068903023F	110913
038903023R	112079	043903023G	111096	058903016BX	111478	068903023J	111653
038903023S	112002	043903025A	111096	058903016E	111478	068903023L	110360
038903023S	114797	045903023	112079	058903018A	111478	068903023N	110913
038903023T	113888	045903023A	113275	058903018B	111478	068903023T	112729
038903024A	112079	045903023SE	112079	058911023A	110997	068903025	110360
038903024A	114789	045903026C	113887	058911023AX	110997	068903025A	110913
038903024B	113340	046903015	113758	058911023B	112321	068903025Q	110360
038903024D	112079	046903015A	110911	058911023BX	112321	068903027A	110919
038903024E	112079	046903015D	112777	059903015	113758	068903029A	112729
038903024F	112002	046903015F	113758	059903015F	113751	068903029D	112729
038903024F	114797	046903015G	112750	059903015G	113751	068903029F	112729
038903024G	112002	046903017	113758	059903015GX	113751	068903029G	112729
038903024G	114797	046903017A	110911	059903015R	114408	068903029K	112765
038903025M	113888	046903017AX	110911	059903016D	115856	068903029M	112729
039903025B	112763	046903017X	113758	059903016E	114780	068903029N	112729
039903027A	111288	046911023B	112537	059903016G	114780	068903029P	112729
039903027C	111288	046911023BX	112537	059903016J	115631	068903029R	112735
03C903023	114769	047903015	111139	059903016P	115906	068903029S	111094
03C903023A	114884	047903015G	112273	059903016PX	115906	068903031	111154
03C903023AX	114884	047903015H	112274	059903017K	114408	068903031B	111288
03C903023B	114769	047903015J	110622	059903018E	115910	068903031C	111287
03C903023BX	114769	047903015M	112387	059903018EX	115910	068903031D	111287
03C903023D	114769	047903015Q	112419	059903018K	115910	068903031H	111154
03C903023DX	114769	047903017	112419	059903018TX	115910	068903031J	112735
03C903023G	113861	047911023C	112388	059903019C	115631	068903031JX	112735
03C903023GX	113861	047911023G	112388	059903023A	115859	068903031K	111094
03C903023S	115528	049903015C	110911	059911021G	115735	068903031KX	111094
03C903023T	115528	049903015F	113758	059911021GX	115735	068903031L	111287
03C903025D	114884	049903015FX	113758	059911021K	115735	068903031Q	112799
03C903025DX	114884	049903015G	110911	059911021M	115948	068903031RX	112765
03D903025D	113253	049903015GX	110911	059911022	115948	068903031SX	111287
03D903025E	113253	049903015H	112747	059911023	115938	068903033B	111094
03D903025H	113253	049903015T	110911	059911023C	110997	068911023AX	110368
03D903025J	113253	049903017A	110919	059911023CX	110997	068911023DX	111060
03F903023D	115765	049903017C	110919	059911023F	110997	068911023E	110996
03F903023DX	115765	049903017CX	110919	059911023FX	110997	068911023EX	111060
03G903016A	114831	049903023B	110911	059911023H	111995	068911023G	111060
03G903016B	114322	049903023E	111653	059911023Q	114094	068911023GX	111060
03G903016BX	114322	049903023F	111653	059911023S	114690	068911023JX	111060
03G903016E	114322	049903023FX	111653	059911023SX	114690	068911023M	111069
03G903016EX	114322	049903023J	111653	059911024	114094	068911023MX	111060
03G903016G	114322	049903023R	110919	059911024C	115375	068911023R	111694
03G903023	116038	049903023T	110919	059911024D	114094	068911023S	111694
03G903023F	114697	049903023TX	110919	059911024E	114775	068911023SX	111694
03G903023Q	114697	049903027F	110919	059911024F	115938	068911023T	112286
03G903023X	114109	049911023G	110865	059911024G	114094	068911023TX	112286

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VOLKSWAGEN</b> <i>Continued</i>				<b>VOLVO</b>			
068911024B	111694	06F903023C	113992	079911021D	115559	10219978	116044
068911024BX	111694	06F903023D	115370	079911021D	116054	1089861	112345
068911024C	111694	06F903023E	115370	07C911023G	115996	1089862	112803
068911024E	111694	06F903023EX	115370	07K903025A	113992	1096757	111631
068911024F	111694	06F903023F	113992	07Z911023A	115941	1096758	111746
068911024G	111694	06F903023G	115621	07Z911023B	115941	11030906	110208
068911024K	111060	06F903023H	113992	085911023A	111904	11031126	110207
068911024L	114171	06F903023J	113992	085911023AX	111904	11127679	113827
068911024T	111694	06F903023L	115707	085911023B	113750	11170011	111631
069903017A	112729	06F903023M	115707	085911023BX	113750	11170134	114212
069903017AX	112729	06F903023N	115730	085911023E	114758	11170321	114212
069903023D	112729	06F903023P	115730	085911023J	113750	11716111	113991
069903023F	111094	06H903016L	115367	085911023JX	113750	1219754	111085
069903023G	112729	06H903016LX	115367	085911023K	111904	1234977	111085
069903023H	112729	06H903017E	115547	085911023L	111904	1257938	111112
069911023	111112	06H911021	115733	085911023M	111904	1257939	111120
069911023A	111112	06H911021A	115394	091911023	110858	1308719	110881
069911023AX	111112	06H911021D	115733	091911023A	111061	1308720	111085
069911023B	111120	06H911021E	115394	091911023AX	111061	1323488	110881
069911023BX	111120	06H911021X	115733	091911023B	111061	1323912	110881
069911023C	112537	06H911024A	115733	091911023BX	111061	1324957	110881
069911023CX	112537	06J903023C	114722	091911023X	110858	1328392	111120
069911023D	112537	06K903023	114722	09A911023	114308	1346707	111054
069911023DX	112537	070903024	113947	0AH911023	114175	1357199	111489
069911023E	112221	070903024A	113947	0AH911023A	114175	1359119	111047
069911023F	111855	070903024B	113947	0AH911023B	114173	1363451	112818
069911023H	112014	070903024F	113947	0AH911023BX	114173	1363496	112746
069911023J	112430	070903139	113947	0AH911023F	115645	1363451	112818
069911023K	112014	070911023B	114723	0AM911021B	115610	1363496	112746
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069911023M	112430	071903016G	111478	0AM911023B	115611	1367049	111047
069911023V	111112	074903018A	113884	0AM911023D	115376	1374082	114157
06A903023	111989	074903023	111154	0AM911023D	115337	1398327	112746
06A903023E	115922	074903023H	112750	0AM911023F	115337	1502272	111528
06A903026	111989	074903023X	111154	0AM911023G	115610	1505107	110112
06A903026A	111989	074903025A	112765	0AM911023H	115610	1505307	110112
06A903026B	112075	074903025B	112799	0AM911023J	115610	15063541	114212
06B903016A	112399	074903025BX	112799	0AM911023K	115612	1509425	112742
06B903016AB	114722	074903025J	113754	0AM911023L	115634	1542195	111047
06B903016AD	113882	074903025K	112043	0AM911023M	115610	1545417	111047
06B903016AE	113878	074903025M	113888	0AM911023N	115944	1547049	112116
06B903016AF	114722	074903025N	112402	0AM911023Q	115376	1578139	112742
06B903016B	113882	074903025Q	113754	0AM911023R	115944	1578140	110112
06B903016D	112399	074903025R	113754	0AM911023T	115612	1578938	112742
06B903016E	113882	074903025S	113884	111911023BT	110363	1607362	111528
06B903016F	113283	074903026	112079	111911023C	110363	1621048	112803
06B903016G	113283	075903023	112729	111911023D	110363	1626195	112251
06B903016P	113878	075903023A	112729	113903031G	111225	1676822	114047
06B903016S	113878	076903023D	111653	113903031GX	111225	1684865	114157
06B903016AA	114722	076903023J	112149	113903031K	111225	17204335	114212
06B911023	112321	076903023M	111653	113903031M	111225	20397219	114193
06B911023A	114179	076903023N	112735	113903031N	111225	20397219	115877
06B911023B	115961	076911023A	114317	113903031P	111225	20405828	112494
06B911023X	112321	077903015	112777	113903031PX	111225	20409228	114212
06C903016	113751	077903015C	112777	113903031Q	111225	20409240	114212
06C903016A	113751	077903015G	112777	176911023	111060	20430564	113830
06C903016B	113510	077911023E	111817	1HS911023B	111748	20430564	115884
06C903016J	114408	077911023J	115744	211903031	111225	20431073	113830
06C911023	115946	078903015A	112806	211903031A	111225	20450305	114310
06D903016A	114722	078903015AX	112806	211911023	110363	20450305	115888
06D911021B	115394	078903015C	112806	2H0911023H	115736	20451445	112116
06D911023	115947	078903015F	112806	2H0911023K	115736	20466315	114212
06D911023A	115947	078903015FX	112806	311911023B	110363	20466317	115577
06D911023B	115394	078903016	113510	311911023C	110363	20466317	114212
06E903016	115919	078903016AB	113510	311911023D	110363	20536466	112116
06E903016D	115858	078903016AC	113510	311911023DX	110363	20553711	110207
06E903016DX	115858	078903016CA	113510	330903015	112149	20563533	115593
06E903016E	114736	078903016F	113751	441.04003-226.6	112387	20563533	115887
06E903016EX	114736	078903016H	113751	441.04009-219.6	112236	20572417	114872
06E903016F	115919	078903016HX	113751	4Z7903015	113510	20572417	115875
06E903016S	115913	078903016R	113510	6K0903028	111884	20714203	114872
06E903016SX	115913	078903016S	113510	6U0911023A	112236	20714203	115875
06E903018	115919	078911023	112309	6U0911023B	111214	20731028	114359
06E903018E	115919	078911023A	112309	7M5903028	112002	20732404	114310
06E911021B	115559	078911023D	111769	7M5903028	114797	20732404	115888
06E911021B	116054	078911023X	112309	BCA903015	112735	20732977	115593
06E911023B	114837	079911021B	115559	J2702054352	111483	20732977	115887
06F903023A	113992	079911021C	115559	J2702054700	111483	20739778	114880
06F903023B	115621	079911021C	116054	J2706035061	113077	20741686	114078
				TJG911023B	113346	20849349	114212

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
20849350	114212	30667524	115753	3803912	114845	5003802	110881
20849352	114212	30667525	115753	3803938	114818	5003803	111085
20891242	114872	30667787	114312	3827444	114527	5003804	112746
20891242	115875	30667788	115708	3840181	113971	5003975	112557
20898062	114303	30667874	113911	3840183	114845	5003996	112557
20900793	114873	30667894	114312	3841359	114818	5240360	110160
20997663	114323	30667895	115708	3854190	111183	6205473	112098
21025968	115593	30667896	115753	3860171	111710	6209191	110766
21025968	115887	30724473	113303	3860566	111786	6226486	110527
21036377	115593	30755494	113978	3862613	114664	6601769	110537
21036377	115887	30773111	115606	3862665	114664	6643669	111217
21041752	114407	30782052	113303	3884950	114664	6643899	110537
21041756	114880	30782228	113303	3963143	111631	6686461	110205
21041876	114078	30795169	115365	3964839	112116	6779261	112345
21067513	111638	30795422	113922	3976608	113186	6779713	112742
21164603	114733	30795423	113849	3978044	111638	6882364	110112
21164603	115894	30795495	114083	3978710	114033	6886493	110112
21289221	114303	308043	110207	3986428	111631	7240524	111217
21306350	114733	3080846	113605	3986429	111746	8034993	110060
21306350	115894	30808465	113605	420718	111638	8111001	112078
21311522	112494	3088362	113248	420731	110980	8111048	111894
21314102	114873	31268035	115641	420760	114047	8111107	112557
21423488	114818	31285512	116049	420780	110207	8111119	113754
21429783	114212	31285593	113849	4220357	112097	8111122	113754
21429789	114212	31285595	113849	465471	111793	8111302	112818
21429790	114078	31288155	113849	465929	110208	8111509	111619
21477589	111638	31288275	111906	465930	110207	8111510	112295
21561402	116098	31288879	115606	465931	110205	8111537	113500
21598436	115593	31327066	115588	468202	110205	8111569	111803
21598436	115887	3173821	111631	469414	110208	8111571	112679
21598446	115593	3412455	110585	477049	110980	8111572	113481
21598446	115887	3430012	110585	4772059	113850	8111634	112557
21598449	115593	3523301	111489	4778060	111046	8111635	113605
21598449	115887	3523422	112557	4785484	114170	8111701	111251
21632125	114872	3523478	111085	4785538	113482	8111811	112679
21632125	115875	3544624	111085	4785539	113482	8111838	112165
21632127	114872	3545364	112557	4785541	112132	8111839	112165
21632127	115875	3581774	111047	4880691	112132	8111840	111641
22175633	112494	3587218	114843	4880692	113482	8111887	112557
22218391	114078	3587625	111786	4880693	113482	8111906	111719
22218391	115494	3588491	114818	4881097	112507	8111910	111934
22602940	114872	3594614	114818	4881598	111638	8111912	111934
22602940	115875	36000037	115434	5001599	110160	8111920	111718
240340	110205	36000038	115412	5001613	110160	8111921	112059
240504	110208	36000039	115641	5001614	110160	8111943	111722
240519	110537	36000041	114746	5001668	110367	8112614	111631
240524	111217	36000207	115606	5001669	110367	8113097	113186
240847	111217	36000220	115417	5001677	110112	8113165	112116
241599	113482	36000221	113911	5001679	110112	8113258	111631
243007	112132	36000223	115671	5001680	110207	8113860	114047
24437136	113276	36000237	113303	5001683	110208	8113908	110112
2557832	110175	36000598	113922	5001686	110205	8113909	112784
3032961	112343	36000599	113849	5001759	111047	8113910	112742
30620870	113248	36000639	116052	5001782	112742	8113911	112345
30644972	116053	36000798	115365	5001835	112742	8113912	112803
30658085	114312	36001081	116049	5001867	111112	8113918	112116
30658086	115708	36001117	114724	5002048	110881	8144401	111631
30658087	115708	36001341	115412	5002050	111120	8156816	111631
30658567	113303	36001408	115588	5002051	111085	8156817	111746
30659131	115412	36001497	115606	5002271	110881	8192262	114047
30659136	115412	36001501	114724	5002476	112541	8192965	110980
30659314	116051	36002496	115641	5002633	112756	8192965	114033
30659341	115412	36002497	113906	5002698	111063	8251071	112072
30659390	114724	36002574	113978	5002781	111319	8251551	112818
30659557	116052	36002575	114083	5002898	111085	8251635	111719
30667018	115753	36002642	113303	5003001	110881	8251639	112557
30667051	115700	36002761	111906	5003027	110208	8251641	112471
30667058	113911	36012505	114724	5003028	110207	8251642	112295
30667067	113922	36013613	116053	5003029	110205	8251643	112474
30667068	113849	36050262	113272	5003089	112784	8251648	112458
30667069	114065	36050263	114312	5003261	112742	8251655	112072
30667071	113978	36050266	115708	5003312	110980	8251725	112471
30667072	114083	36050268	115709	5003349	112345	8252875	114814
30667102	111906	36050997	113849	5003398	112803	8252889	112475
30667103	114810	3801296	114818	5003448	112345	8253502	112199
30667119	115412	3803074	111054	5003564	111489	8253504	112218
30667295	115417	3803200	112277	5003617	110160	8253505	113761
30667299	114746	3803646	113303	5003665	112746	8253507	112144
30667494	113911	3803847	114819	5003708	111120	8253534	113577

## STARTERS & ALTERNATORS

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>VOLVO</b> <i>Continued</i>							
8253611	112458	859722	112277	881684	111219	1-1077-01ND	113077
8253632	112144	8601699	112072	9011063163	111658	1-1085-01ND	110628
8253634	115442	8601841	112072	9031081	112744	1-1090-01ND	110675
8253785	112471	8602002	112327	9031146	111321	1-1092-01ND	113085
8253786	112474	8602083	112295	9031302	110585	1-1096-01HI	110307
8253797	113403	8602084	112818	9031303	112295	1-1104-01HI	110458
8253813	112458	8602085	112818	9033313	110766	1-1105-01	112970
8253860	113245	8602096	112557	9130002	112557	1-1105-01HI	112970
8253873	112218	8602102	113605	9130003	112557	1-1105-01MI	112970
8253975	113249	8602138	112557	9130217	112557	1-1109-01HI	110168
8253980	113248	8602274	112474	9130273	112557	1-1111-01HI	110128
833031	113705	8602276	112072	9130274	112557	1-1111-01MI	110128
834339	111054	8602277	112078	9130485	112557	1-1112-01	110264
834893	112130	8602279	112471	9148665	112557	1-1112-01HI	110264
8348930	111277	8602343	113272	9162424	112557	1-1112-01MI	110264
834976	111054	8602355	113303	9162468	112557	1-1116-01HI	110707
838060	113705	8602356	113248	9162617	112818	1-1119-01HI	111266
8408080	110160	8602556	112458	9162618	112818	1-1120-01HI	111264
8410664	110225	8602629	113272	9162683	112557	1-112-01	110264
841762	111397	8602710	113272	9162684	112557	1-1124-01HI	110307
841765	111397	8602714	115709	9162927	111894	1-1128-01	110632
842765	111397	8602806	112471	9164940	112557	1-1128-01HI	110632
845940	111528	8602818	113303	9164941	112557	1-1128-01MI	110632
847307	111218	8602920	115700	9442130	113754	1-1136-01MI	112297
849563	113382	8602924	114315	9442188	112557	1-1138-01MI	110134
85000087	113830	8603182	113922	9442841	112078	1-1142-01MI	110664
85000087	115884	8603262	114312	9442905	111894	1-1142-01MI-2	110664
85000148	114193	8603265	115708	9447863	112557	1-1145-01MI	110664
85000148	115877	8603271	113978	9447866	111894	1-1147-01MI	110133
85000186	112116	8603272	114083	9459038	112078	1-1148-01MI	110133
85000221	112345	8603292	113906	9459077	112072	1-1152-01MI	112270
85000257	114212	8603377	111906	9459092	112072	1-1156-01MI	110318
85000295	114310	8603388	115753	9459093	113754	1-1159-01MI	110136
85000295	115888	8603409	113911	9472908	112072	1-1160-01MI	111342
85000438	110208	8603496	114810	9496882	113303	1-1166-02ND	110496
85000439	110207	8603539	113303	9519360	112343	1-1167-01BO	110759
85000440	110980	8603605	115753	9520621	112343	1-1167-01BO	111289
85000443	114047	8603689	113906	9521761	111746	1-1189-01MI	110802
85000446	114047	8603690	113908	982200	111277	1-1191-01MI	112531
85000447	114033	8603690	116062	983248	111277	1-1199-01	110659
85000450	110208	8603898	115753	F13210170	115674	1-1199-01MD	110659
85000507	111631	8622742	114315	<b>WAI</b>			
85000526	114310	8622786	113272	10808N	111863	1-1200-01MI	110318
85000526	115888	8637848	113272	10932N	114516	1-1208-01MI	110805
85000592	114078	8651665	115709	10938N	114657	1-1209-01MI	110318
85000626	114212	8666579	113922	10939N	115463	1-1227-01MD	110804
85000628	114212	8666581	114065	1-1007-02ND	110577	1-1227-01MI	110804
85000629	114212	8676015	114157	1-1007-02ND-2	110577	1-1228-01ND-1	110965
85000644	114880	8676489	113272	1-1015-01	110927	1-1229-01MI	111279
85000668	114303	8676496	113272	1-1017-01MI	111578	1-1229-02MI	111279
85000677	113830	8676498	113272	1-1017-01ND	111578	1-1230-01ND	110967
85000677	115884	8676499	115709	1-1018-01ND	110138	1-1236-01HI	110697
85000709	110112	867975	111397	1-1018-01ND	110138	1-1237-01ND	110679
85000710	112784	868082	111397	1-1019-01ND	110675	1-1240-01ND	110679
85000711	112742	868421	111397	1-1023-01ND	111609	1-1242-01ND	110675
85000712	112803	868422	111397	1-1025-01ND	111705	1-1250-21DR	111388
85000713	111746	868425	111397	1-1026-01ND	111705	1-1250-31DR	110499
85000714	111746	868426	111397	1-1026-01ND-2	111705	1-1250-32DR	110499
85000715	111746	868427	111658	1-1028-01ND	111480	1-1250-33DR	110499
85000716	112803	868428	111658	1-1033-01ND	110138	1-1253-01HI	110267
85000749	114733	868431	111658	1-1036-01ND	113077	1-1257-01HI	111611
85000749	115894	868433	111397	1-1036-01ND-2	113077	1-1257-01HI-2	111611
85000750	114323	868434	111658	1-1039-01DR	110682	1-1263-01BO	110877
85000750	115889	8688170	113978	1-1039-01ND	110682	1-1264-01BO	111147
85000883	115593	8697585	115671	1-1039-01ND-2	110682	1-1265-01BO	111147
85000883	115887	8697650	115641	1-1039-02ND	110682	1-1267-01BO	110877
85000934	115593	870977	111054	1-1042-01ND	111435	1-1273-01BO	110877
85000934	115887	872021	111658	1-1043-01ND	111435	1-1282-01MO	110975
85003104	112343	872258	112165	1-1050-02ND	110496	1-1283-24BO	111149
85003257	114303	873348	112165	1-1051-01ND	110496	1-1291-01BO	111085
85003303	114047	873633	113382	1-1053-01ND	110682	1-1293-01BO	110881
85003304	114033	873770	113382	1-1053-01ND-2	110682	1-1297-01BO	112746
85003355	114212	873771	111658	1-1054-01ND	110496	1-1315-01LU	110179
85003357	114212	873986	111631	1-1054-01ND	110496	1-1321-01LU	110968
85003983	111631	874385	114527	1-1056-01ND	110248	1-1323-01LU	110968
8553265	111277	874501	114818	1-1062-01ND	110675	1-1329-01BO	111289
858838	111397	874502	113971	1-1062-02ND	110675	1-1337-01BO	110890
858839	111397	881683	111218	1-1063-01ND	111705	1-1337-01MM	110611
859252	111047			1-1064-01ND	110138	1-1338-01BO	110890
				1-1076-01ND	111435	1-1338-01BO	110912

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1-1338-01MM	110912	1-1522-01BO	111170	1-1653-21DR	111220	1-1737-11DR	110508
1-1341-01MM	111035	1-1523-01BO	111170	1-1659-31DR	110499	1-1737-12DR	110508
1-1343-01BO	111148	1-1524-01HI	110128	1-1665-31DR	110503	1-1737-13DR	110508
1-1343-01IK	111035	1-1527-03ND	111193	1-1666-31DR	110503	1-1737-14DR	110508
1-1343-01MM	111035	1-1532-01ND	110138	1-1668-22DR	110724	1-1737-16DR	110508
11343N	115340	1-1537-01MI	111279	1-1681-12DR	112880	1-1737-21DR	110508
1-1347-01BO	111620	1-1537-02MI	111279	1-1683-11DR	112880	1-1737-23DR	110508
1-1349-01BO	110887	1-1538-01BO	111991	1-1690-21DR	112884	1-1737-24DR	110508
1-1351-01BO	112777	1-1539-00BO	111820	1-1694-41DR	112886	1-1737-25DR	110508
1-1351-02BO	112777	1-1539-01BO	111820	1-1704-30FD	112933	1-1737-27DR	110508
1-1352-01BO	110923	1-1539-02BO	111477	1-1704-31FD	112933	1-1737-28DR	110508
1-1352-01BO	111093	1-1539-03VA	111477	1-1704-32FD	112933	1-1737-29DR	110508
1-1355-01BO	110923	1-1546-01ND	111705	1-1706-10DR	110492	1-1737-35DR	110508
1-1360-01SV	110931	1-1549-01LU	110178	1-1706-11DR	110492	1-1737-38DR	110508
1-1361-01PR	110931	1-1551-01LU	110178	1-1706-12DR	110492	1-1737-39DR	110508
1-1363-01BO	112693	1-1552-01LU	113378	1-1706-15DR	110492	1-1737-40DR	110508
1-1366-01BO	111139	1-1556-01ND	110137	1-1706-32DR	110492	1-1737-410DR	110508
1-1369-01SV	111139	1-1557-01BO	110899	1-1706-42DR	110492	1-1737-411DR	110508
1-1372-01LU	110178	1-1566-01HI	110458	1-1706-43DR	110492	1-1737-41DR	110508
1-1374-01LU	110891	1-1567-01HI	110168	1-1706-46DR	110492	1-1737-43DR	110508
1-1375-00LU	111185	1-1572-01BO	111086	1-1707-12DR	110724	1-1737-48DR	110508
1-1375-01LU	111185	1-1578-01MI	110136	1-1707-41DR	110235	1-1738-21DR	110508
1-1376-01LU	111185	1-1585-00BO	110975	1-1713-13DR	110492	1-1738-22DR	110471
1-1377-01LU	111184	1-1586-00BO	110360	1-1713-14DR	110492	1-1738-42DR	110508
1-1378-01LU	110179	1-1587-00BO	110913	1-1713-21DR	110492	1-1740-10DR	110508
1-1386-01BO	111096	1-1593-02HI	110267	1-1713-32DR	110492	1-1740-12DR	110508
1-1387-01BO	111094	1-1596-01ND	111435	1-1714-30DR	110492	1-1740-21DR	110508
1-1387-01BO-1	111094	1-1600-01MI	111315	1-1714-31DR	110492	1-1740-41DR	110508
1-1387-01VA	111094	1-1600-01MI-2	111315	1-1715-10DR	110235	1-1743-10DR	110508
1-1387-01VA	112149	1-1606-01DR	112860	1-1715-12DR	110492	1-1743-12DR	110508
1-1392-00BO	110975	1-1607-01DR	112860	1-1715-13DR	110235	1-1743-13DR	110508
1-1395-01BO	111653	1-1609-30FD	112921	1-1715-23DR	110235	1-1743-15DR	110508
1-1398-01BO	110919	1-1609-31FD	112921	1-1715-25DR	110492	1-1743-17DR	110508
1-1398-01VA	110919	1-1609-32FD	112921	1-1715-27DR	110492	1-1743-19DR	110508
1-1399-01BO	111154	1-1612-30FD	112932	1-1715-30DR	110235	1-1743-20DR	110508
1-1400-01BO	112750	1-1612-31FD	112927	1-1715-31DR	110235	1-1743-212DR	110508
1-1402-01BO	110360	1-1612-32FD	112927	1-1715-33DR	110235	1-1743-21DR	110508
1-1403-00BO	110913	1-1613-10FD	111200	1-1715-34DR	110235	1-1743-23DR	110508
1-1404-01MO	110913	1-1613-11FD	111200	1-1715-35DR	110235	1-1743-24DR	110508
1-1407-01BO	110360	1-1613-12FD	111200	1-1715-36DR	110235	1-1743-25DR	110508
1-1418-01ND	111538	1-1613-13FD	111200	1-1715-40DR	110235	1-1743-26DR	110508
1-1419-01ND	111538	1-1613-14FD	111200	1-1715-41DR	110235	1-1743-28DR	110508
1-1420-01ND	112102	1-1613-32FD	112927	1-1715-42DR	110235	1-1743-312DR	110508
1-1423-01HI	110631	1-1618-21FD	112931	1-1715-43DR	110235	1-1743-313DR	110508
1-1423-01HI-2	110631	1-1620-31FD	112932	1-1718-31DR	110235	1-1743-31DR	110508
1-1426-01HI	111692	1-1621-21DR	112338	1-1720-10DR	110235	1-1743-38DR	110508
1-1427-01	111264	1-1622-21DR	110500	1-1720-11DR	110235	1-1743-39DR	110508
1-1427-01HI	111264	1-1623-31DR	110498	1-1720-16DR	110235	1-1743-40DR	110508
1-1427-01MI	111264	1-1624-31DR	110498	1-1720-17DR	110235	1-1743-410DR	110508
1-1428-01MI	111342	1-1625-21DR	110499	1-1720-21DR	110235	1-1743-411DR	110508
1-1429-01HI	111266	1-1625-22DR	111388	1-1720-31DR	110235	1-1743-41DR	110508
1-1431-10FD	111199	1-1625-32DR	110499	1-1720-32DR	110235	1-1743-43DR	110508
1-1431-11FD	111199	1-1625-33DR	110499	1-1720-33DR	110235	1-1743-48DR	110508
1-1431-12FD	111199	1-1627-32DR	110499	1-1720-34DR	110235	1-1743-49DR	110508
1-1432-01MD	111406	1-1628-21DR	112338	1-1720-43DR	110235	1-1744-21DR	110471
1-1432-01MI	111406	1-1628-32DR	110500	1-1720-45DR	110235	1-1744-22DR	110508
1-1434-01MD	110802	1-1628-33DR	112640	1-1721-32DR	110235	1-1744-41DR	110508
1-1434-01MI	110802	1-1629-21DR	112338	1-1725-10DR	111713	1-1745-20DR	110508
1-1434-01MI-2	110802	1-1629-31DR	112629	1-1725-12DR	111713	1-1745-21DR	110508
1-1447-01ND	112746	1-1629-33DR	112640	1-1725-13DR	111713	1-1745-22DR	110471
1-1449-01BO	111086	1-1629-34DR	112640	1-1725-30DR	111713	1-1745-42DR	110508
1-1450-01BO	111086	1-1634-32DR	110502	1-1725-31DR	111713	1-1746-21DR	110508
1-1451-01BO	110759	1-1635-31DR	110503	1-1725-34DR	111713	1-1746-40DR	110508
1-1452-01BO	111289	1-1636-31DR	110503	1-1727-40DR	111713	1-1746-41DR	110508
1-1453-01BO	111289	1-1636-32DR	110503	1-1730-31DR	112888	1-1747-30DR	110508
1-1460-01BO	111653	1-1638-32DR	111090	1-1734-11DR	110508	1-1747-31DR	110508
1-1465-01VA	111154	1-1638-33DR	111090	1-1734-12DR	110508	1-1749-11DR	110471
1-1468-01BO	111094	1-1639-35DR	110984	1-1734-19DR	110508	1-1749-13DR	110471
1-1469-01BO	111287	1-1640-31DR	110984	1-1734-21DR	110508	1-1749-14DR	110471
1-1474-01BO	110911	1-1640-35DR	110984	1-1734-23DR	110508	1-1749-15DR	110471
1-1476-00BO	112777	1-1643-31DR	110985	1-1734-24DR	110508	1-1749-17DR	110471
1-1476-01BO	112777	1-1644-31DR	110985	1-1734-25DR	110508	1-1749-21DR	110471
1-1491-02ND	113051	1-1645-31DR	110986	1-1734-40DR	110508	1-1749-22DR	110471
1-1503-00ND	111193	1-1646-31DR	110986	1-1734-41DR	110508	1-1749-24DR	110471
1-1503-02ND	111193	1-1647-31DR	112636	1-1734-44DR	110508	1-1749-26DR	110471
1-1507-01ND	111193	1-1650-01DR	112447	1-1734-46DR	110508	1-1749-32DR	110471
1-1507-02ND	111193	1-1651-01DR	112447	1-1734-47DR	110508	1-1749-35DR	110471
1-1510-01ND	111193	1-1652-31DR	110984	1-1734-48DR	110508	1-1749-36DR	110471
1-1511-01ND	113063	1-1652-32DR	110502	1-1734-49DR	110508	1-1749-410DR	110471

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>WAI Continued</b>							
1-1749-41DR	110471	1-1796-01FD	110237	1-1856-01ND	111965	1-1985-01-DR-2	112615
1-1749-42DR	110471	1-1796-02FD	110237	1-1858-01ND	111428	1-1988-10FD	112943
1-1749-43DR	110471	1-1796-03FD	110237	1-1859-01ND	111435	1-1988-11FD	112943
1-1749-46DR	110471	1-1796-04FD	110237	1-1860-01ND	111435	1-1988-12FD	112943
1-1749-48DR	110471	1-1796-05FD	110237	1-1864-01ND	113089	1-1988-13FD	112943
1-1749-49DR	110471	1-1796-06FD	110237	1-1866-01ND	113090	1-1991-30FD	112939
1-1751-22DR	110471	1-1796-09FD	110237	1-1873-01MD	111237	1-1991-31FD	112939
1-1751-41DR	110471	1-1796-27FD	110237	1-1873-01MI	111237	1-1993-10FD	112944
1-1752-20DR	110471	1-1802-21DR	112613	1-1874-01MI	111530	1-1993-11FD	112944
1-1752-22DR	110471	1-1802-21DR-1	112613	1-1876-01MI	111285	1-1993-12FD	112944
1-1753-11DR	110471	1-1802-21DR-2	112613	1-1883-01ND	113076	1-1995-21DR	111712
1-1753-20DR	110471	1-1802-31DR	112614	1-1886-01MD	110802	1-1995-21DR-1	111712
1-1755-11DR	110233	1-1802-31DR-1	112614	1-1888-01ND	110563	1-1995-21DR-2	111712
1-1755-13DR	110233	1-1802-42DR-1	111223	1-1894-01MI	110927	1-1995-22DR	111712
1-1755-18DR	110233	1-1805-00FD	110238	1-1895-13DR	110984	1-1996-21DR	112893
1-1755-21DR	110233	1-1805-08FD	110238	1-1904-10FD	112942	1-1996-21DR-1	112893
1-1755-22DR	110233	1-1805-14FD	110238	1-1904-11FD	112942	1-2001-01HI	111704
1-1755-23DR	110233	1-1805-15FD	110238	1-1904-12FD	112942	1-2007-01ND	113069
1-1755-25DR	110233	1-1805-41FD	110238	1-1905-01ND	111578	1-2007-01ND-2	113069
1-1755-26DR	110233	1-1805-42FD	110238	1-1910-01BO	111369	1-2007-07ND	113069
1-1755-31DR	110233	1-1805-43FD	110238	1-1911-01BO	112557	1-2009-01ND	111705
1-1755-32DR	110233	1-1805-44FD	110238	1-1912-01DR	112989	1-2010-01CH	110236
1-1755-36DR	110233	1-1805-45FD	110238	1-1912-02DR	112989	1-2010-02CH	110236
1-1755-41DR	110233	1-1805-46FD	110238	1-1912-03DR	112989	1-2010-03CH	110236
1-1755-44DR	110233	1-1805-47FD	110238	1-1914-00DR	110937	1-2016-41FD	113765
1-1755-45DR	110233	1-1806-00FD	112914	1-1915-00DR	112994	1-2017-20FD	113765
1-1755-46DR	110233	1-1806-01FD	112914	1-1915-00DR-1	112994	1-2017-21FD	113765
1-1755-49DR	110233	1-1806-04FD	112914	1-1915-01DR	111232	1-2024-20FD	112946
1-1756-21DR	110233	1-1806-12FD	112914	1-1915-02DR	111232	1-2024-21FD	112946
1-1756-22DR	110233	1-1806-13FD	112914	1-1915-03DR	111232	1-2024-22FD	112946
1-1756-23DR	110233	1-1806-15FD	112914	1-1915-04DR	111232	1-2024-22-FD	112946
1-1757-21DR	110233	1-1806-16FD	112914	1-1915-05DR	111232	1-2028-01CH	110514
1-1758-11DR	110233	1-1806-17FD	112914	1-1918-00DR	112993	1-2030-30FD	112940
1-1758-13DR	110233	1-1806-18FD	112914	1-1918-00DR-1	112993	1-2030-31FD	112940
1-1758-18DR	110233	1-1806-19FD	112914	1-1918-02DR	112996	1-2032-20DR	110724
1-1758-21DR	110233	1-1806-25FD	112914	1-1918-03DR	112996	1-2038-01DR	111854
1-1758-23DR	110233	1-1806-26FD	112914	1-1918-04DR	112996	1-2044-00DR	112824
1-1758-29DR	110233	1-1806-42FD	110239	1-1922-11MO	110408	1-2044-00DR-1	112824
1-1758-31DR	110233	1-1806-43FD	110239	1-1930-01ND	113091	1-2045-01BO	112773
1-1758-35DR	110233	1-1808-01BO	111479	1-1931-01ND	111537	1-2046-20FD	112936
1-1758-410DR	110233	1-1808-01VA	111479	1-1936-01ND	111518	1-2046-21FD	112936
1-1758-41DR	110233	1-1809-01BO	111352	1-1937-00LN	110937	1-2048-11FD	112151
1-1758-43DR	110233	1-1809-01VA	111352	1-1938-01PR	111397	1-2054-01ND	113433
1-1758-44DR	110233	1-1810-01BO	112806	1-1939-01MI	110133	1-2059-01MD	111405
1-1758-45DR	110233	1-1812-01BO	112687	1-1940-01HI	113412	1-2061-01MI	111384
1-1758-46DR	110233	1-1813-01BO	111353	1-1940-02HI	113412	1-2062-01-1	112068
1-1760-21DR	110233	1-1813-01VA	111353	1-1945-01PR	111397	1-2062-MI	112068
1-1760-22DR	110233	1-1814-01BO	112539	1-1946-01ND	110564	1-2064-00DR	112824
1-1760-33DR	110233	1-1814-02BO	112194	1-1947-01MD	110959	1-2065-00DR	112824
1-1761-21DR	110505	1-1814-11BO	112539	1-1948-01MD	111710	1-2065-00DR-1	112824
1-1762-21DR	110505	1-1815-00BO	112194	1-1949-01BO	111987	1-2065-00DR-2	112824
1-1762-41DR	110505	1-1815-01BO	112194	1-1950-01BO	112529	1-2071-01DR	112868
1-1763-01ND	111579	1-1816-01BO	112557	1-1950-41VA	111369	1-2071-01DR-1	112868
1-1765-20FD	112936	1-1818-01CH	110236	1-1950-42BO	111369	1-2071-01DR-2	112868
1-1765-21FD	112936	1-1818-04CH	110236	1-1950-42VA	112529	1-2073-01ND	112583
1-1766-12DR	111711	1-1818-05CH	110236	1-1950-44BO	111369	1-2075-01ND	113235
1-1766-21DR	110500	1-1820-01CH	110514	1-1950-45BO	110890	1-2076-01MI	111406
1-1766-22DR	112639	1-1820-02CH	110514	1-1951-01MD	110659	1-2080-01ND	111468
1-1766-32DR	110500	1-1821-01CH	110514	1-1952-01MD	110659	1-2081-01ND	111518
1-1766-33DR	112640	1-1825-01CH	110514	1-1955-01MI	110659	1-2087-01ND	113071
1-1767-00DR	112448	1-1826-01CH	110514	1-1956-01MI	111807	1-2087-01ND-2	113071
1-1767-01DR	112448	1-1826-02CH	110514	1-1957-01MI	111807	1-2093-01HI	111726
1-1767-02DR	112448	1-1827-01BO	112557	1-1960-01MI	111495	1-2093-01MI	111726
1-1776-00DR	110300	1-1829-01MI	111376	1-1961-01MI	111279	1-2094-01MI	113035
1-1779-22DR	111388	1-1831-01	111285	1-1964-01ND	111705	1-2098-01HI	111381
1-1781-01DR	111854	1-1831-01MI	111285	1-1966-01ND	113077	1-2104-01MD	111807
1-1787-30FD	112835	1-1831-01ND	111285	1-1967-01ND	110496	1-2106-01MD	111787
1-1787-31FD	112835	1-1833-01MI	111375	1-1968-01ND	110967	1-2108-01BO	111895
1-1787-32FD	112835	1-1834-01MD	111309	1-1969-01ND	111610	1-2109-11BO	111850
1-1787-33FD	112835	1-1835-01ND	112102	1-1972-01ND	113067	1-2115-01MI	111406
1-1787-34FD	112835	1-1835-ND	113244	1-1972-01ND-2	113067	1-2118-01MI	112328
1-1787-36FD	112835	1-1838-01ND	111517	1-1978-01ND	111518	1-2119-11HD	110620
1-1787-37FD	112835	1-1839-01ND	111518	1-1980-01ND	112101	1-2119-11ND	110620
1-1789-11FD	111252	1-1840-01ND	111678	1-1982-01ND	111579	1-2124-01HI	113374
1-1789-30FD	111252	1-1841-01LU	111948	1-1982-01ND-2	111579	1-2128-01MM	112025
1-1789-31FD	111252	1-1844-01BO	111676	1-1983-01ND	111468	1-2128-02MM	112025
1-1789-32FD	111252	1-1846-01BO	111369	1-1983-01ND-2	111468	1-2129-01BO	112806
1-1794-01FD	110237	1-1846-01VA	111354	1-1985-01DR	112615	1-2131-01VA	112687
1-1796-00FD	110237	1-1847-01BO	111076	1-1985-01DR-1	112615	1-2132-01ND	110629

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1-2147-01MI	111806	1-2309-31MD	111710	1-2501-01DR	113498	20-1132-30	112640
1-2148-01ND	111779	1-2310-31MD	111710	1-2501-31BO	111843	20-1132-32	112640
1-2153-01MI	113310	1-2311-01BO	112709	1-2516-01VA	112193	20-1132-33	112640
1-2154-00DR	112834	1-2312-01HI	112270	1-2518-41BO	112170	20-1132-33-1	112640
1-2154-00DR-1	112834	1-2313-01HI	113347	1-2519-01BO	112079	20-1135-20	111388
1-2155-21DR	111712	1-2315-01HI	113401	1-2520-01BO	111989	20-1135-22	111388
1-2156-21DR	112665	1-2319-00LN	110937	1-2521-01BO	113300	20-1135-22-1	111388
1-2156-21DR-1	112665	1-2320-21DR	112850	1-2522-01BO	112193	20-1137-10	111854
1-2156-21DR-2	112665	1-2332-01HI	112270	1-2525-01VA	111528	20-1137-11	111855
1-2157-01ND	111779	1-2333-00DR	112996	1-2525-01VA	111658	20-1137-11-1	111854
1-2158-31FD	112947	1-2333-00DR-1	112996	1-2564-00LN	113739	20-113-9	111713
1-2158-31FD-1	112947	1-2334-00DR	112995	1-2608-01FD	113709	20-114-9	110492
1-2158-31FD-2	112947	1-2334-00DR-1	112995	1-2621-01LU	111355	20-1149-40	112615
1-2171-01DR	111426	1-2334-00DR-2	112995	1-2731-01MM	113537	20-1149-41	112615
1-2173-11FD	112949	1-2335-01ND	110620	1-2766-01HI	112067	20-1150-10	111712
1-2173-11FD-1	112949	1-2336-01ND	111048	12770N	115794	20-1150-11	111712
1-2173-11FD-2	112949	1-2336-01ND	113921	12782N	114379	20-1156-21	112893
12174N-1G	110959	1-2338-01FD	112956	1-2816-01MI	113782	20-117	112989
1-2175-31	111223	1-2338-11FD	112956	1-2828-01HI	111381	20-117-1	112989
1-2188-01ND	113365	1-2344-00BO	111843	1-2851-01ND	111215	20-118	110801
1-2188-01ND-2	113365	1-2347-41ND	111048	1-2994-01BO	113352	20-118-1	110801
1-2193-01HI	113373	1-2349-01FD	112958	1-2996-01DR	113691	20-121	111261
1-2197-21DR	112850	1-2349-01FD-2	112958	1-3005-00BO	112773	20-121-1	111261
1-2202-01MD	111237	1-2350-11FD	112959	1-3045-01DR	113694	20-123	112448
1-2203-01MI	112362	1-2350-11FD-2	112959	13068N	111397	20-123-1	112448
1-2204-01MI	112328	12355N	113715	1-3219-01LU	111739	20-127	110300
12204N	114515	1-2356-01MI	110662	13995N	116020	20-127-1	110300
1-2206-21FD	112951	1-2378-01MD	111309	15027N	110484	20-128	110300
1-2206-21FD-2	112951	1-2383-01VA	111946	17135N	111489	20-129	110937
1-2208-01BO	112557	1-2385-01BO	111988	17315N	111404	20129N	115834
1-2208-02BO	112557	1-2391-01MI	112270	17316N	111047	20-132	112265
1-2211-01ND	111518	1-2392-01MI	111832	17851N	115616	20-132-1	112265
1-2212-01HI	111807	1-2395-31BO	113489	18266N	114674	20-136-31	110503
1-2221-21DR	112853	1-2399-01BO	112002	18313N	114261	20-139-20	112338
1-2223-01MI	113322	1-2401-01DR	113498	18533N	115817	20-139-21	112338
1-2224-01ND	113358	1-2403-01DR	113350	18886N	114182	20-141-30	110498
1-2224-01ND-2	113358	1-2406-01ND	111517	18905BN	116078	20-141-31	110498
1-2224-02ND	113358	1-2413-01HI	111264	19615N	114891	20-141-31-1	110498
1-2227-01ND	113362	1-2414-11FD	112961	19848N	114222	20-142-20	111388
1-2228-01ND	113235	1-2414-11FD-2	112961	20-101-1	110075	20-142-21	111388
1-2228-01ND-2	113235	1-2419-01DR	112853	20-101-9	110075	20-142-21-1	111388
1-2231-01HI	111381	1-2419-21DR	112853	20-102-2	110233	20-142-30	110499
1-2233-01MD	113652	1-2419-21DR	113777	20-102-9	110233	20-142-31	110499
1-2236-01ND	110445	1-2428-00DR	113579	20-104	110505	20-142-33	110499
1-2236-10ND	110445	1-2429-00LN	113739	20-105	110471	20-142-33-1	110499
1-2237-00BO	111888	1-2429-00MO	113739	20-106	110508	20-142-34	110499
1-2244-11BO	112078	1-2430-01MI	111406	20-109	110508	20-142-34-1	110499
1-2245-11BO	112072	1-2434-01MI	111344	20-110	110471	20-145-20	112338
1-2250-01BO	112426	1-2436-01ND	111048	20-1100-21	112884	20-145-21	112338
1-2251-01BO	113486	1-2439-01ND	111018	20-1104-41	112886	20-145-21-1	112338
1-2252-11BO	112194	1-2440-01VA	112399	20-1108	113432	20-145-30	112337
1-2252-31BO	112530	1-2442-01MI	113439	20-1108-1	113432	20-145-31	112337
1-2252-42BO	111902	1-2446-01MD	113656	20-1109	112996	20-145-31-1	112337
1-2253-01BO	112193	1-2447-01MI	112067	20-111	110235	20-145-32	112640
1-2258-01BO	112530	1-2449-01HI	113372	20-1110	112994	20-145-33	112629
1-2264-31FD	112954	1-2451-01VA	111478	20-1111	112993	20-145-33-1	112629
1-2271-01HI	113413	1-2452-01BO	112075	20-1114	112160	20-146-31-1	111631
12272N	112375	1-2454-01MM	112718	20-1120-40	111223	20-148-30	110502
1-2279-00DR	112834	1-2458-01ND	113715	20-1120-41	111223	20-148-31	110502
1-2280-00DR	112834	1-2462-31MD	110540	20-1121-20	112613	20-149	112996
1-2280-00DR-1	112834	1-2463-01MD	110540	20-1121-21	112613	20-149-1	112996
1-2281-00DR	112834	1-2466-01MD	113600	20-1121-30	112614	20-150-30	110503
1-2287-01ND	111796	1-2471-01HI	110448	20-1121-31	112614	20-150-31	110503
1-2288-01MD	112327	1-2474-01HI	113418	20-1121-40	111223	20-150-31-1	110503
1-2290-01DR	112615	1-2476-01ND	111048	20-1121-42	111223	20-150-32	110503
1-2290-01DR-1	112615	1-2476-01ND	113921	20-1124-11	112860	20-151-30	111090
1-2291-00DR	112160	1-2477-01ND	111048	20-1124-11-9	112860	20-151-31	111090
1-2291-00DR-1	112160	1-2478-01ND	111048	20-1129-31	112888	20-151-31-1	111090
1-2292-00DR	112992	1-2478-01ND	113921	20-113	111713	20-151-32	111090
1-2292-00DR-1	112992	1-2479-01MI	110802	20-113-1	111713	20-152-10	110984
1-2293-00DR	112773	1-2480-01MI	113562	20-113-2	111713	20-152-30	110984
1-2295-00DR	112996	1-2481-01HI	110694	20-1132-10	111711	20-152-32	110984
1-2296-00DR	112996	1-2484-01DR	113692	20-1132-12	111711	20-152-32-1	110984
1-2299-00DR	113432	1-2485-01DR	113685	20-1132-12-1	111711	20-152-33	110984
1-2299-00DR-1	113432	1-2489-01DR	113694	20-1132-20	110500	20-154	112995
1-2300-00DR	112996	1-2490-01HI	113420	20-1132-21	110500	20-154-1	112995
1-2300-00DR-1	112996	1-2497-01ND	113607	20-1132-21-1	110500	20-159-1	111250
1-2307-31MD	111710	1-2499-01MI	113634	20-1132-22	112639	20-159-9	111250
1-2308-31MD	110540	1-2500-31BO	113531	20-1132-22-1	112639	20-167-30	110985

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>WAI Continued</b>							
20-167-31	110985	20-234-31	112933	2-1065-ND	110713	2-1232-MI	111349
20-167-31-1	110985	20-234-31-1	112933	2-1076-HI	110277	2-1232-MI-2	111349
20-168	110235	20-234-31-2	112933	2-1076-MI	110277	2-1238-ND	111310
20-168-9	110235	20-234-32	112933	2-1079-1	110144	2-1239-MI	110394
20-170-30	110986	20-234-32-1	112933	2-1079-HI	110144	2-1244-MI	110394
20-170-31	110986	20-234-32-2	112933	2-1079-MI	110144	2-1245-BO	111127
20-170-31-1	110986	20-236-20	112936	2-1081-MI	110142	2-1246-MD	110807
20-171-30	112636	20-236-20-1	112936	2-1082-HI	110280	2-1246-MI	110807
20-171-31	112636	20-236-20-2	112936	2-1082-MI	110280	2-1247-MD	110808
20-171-31-1	112636	20-236-21	112936	2-1083-1	110142	2-1247-MI	110808
20-173-11-9	110724	20-236-21-1	112936	2-1083-HI	110142	2-1249-MI	110578
20-173-21	110724	20-236-21-2	112936	2-1083-MI	110142	2-1254-MI	112267
20-173-21-9	110724	20-238-10	112942	2-1084-HI	110280	2-1254-MI-2	112267
20-176-11	112880	20-238-11	112942	2-1086	110277	2-1257-BO	110842
20-178	110591	20-241-30	112939	2-1086-HI	110277	2-1259-BO	110772
20-178-1	110591	20-241-30-1	112939	2-1086-MI	110277	2-1262-BO	112533
20-182-10	112447	20-241-30-2	112939	2-1087-HI	110277	2-1263-BO	111400
20-182-11	112447	20-241-31	112939	2-1088-HI	110386	2-1267-BO	112172
20-182-11-1	112447	20-241-31-1	112939	2-1089-HI	110386	2-1269-BO	111911
20-184-30	110984	20-241-31-2	112939	2-1092-MI	111728	2-1269-MM	111911
20-184-31	110984	20-242-10	112943	2-1093-HI	110279	2-1270-BO	110368
20-184-32	110502	20242-11	112943	2-1093-MI	110279	2-1271-BO	110838
20-186-20	111220	20-242-11	112943	2-1094-1	110278	2-1272-BO	110869
20-186-21	111220	20-243-10	112944	2-1094-HI	110278	2-1274-HI-1	110156
20-186-21-1	111220	20-243-11	112944	2-1094-MI	110278	2-1275-BO	110869
20-198-11	110682	20-244-30	112940	2-1112-HI	110249	2-1276-BO	111065
20-199-30	110499	20-244-30-1	112940	2-1116-HI	111023	2-1278-BO	112295
20-199-31	110499	20-244-30-2	112940	2-1117-HI	111459	2-1278-VA	111347
20-202-9	110237	20-244-31	112940	2-1117-MI	111459	2-1279-BO	111851
20-204-9	110238	20-244-31-1	112940	2-1118	111312	2-1285-BO	111054
20-206-30	112835	20-244-31-2	112940	2-1118-HI	111312	2-1287-BO	111112
20-208-10	111252	20-247-10	112151	2-1118-MI	110279	2-1288-BO	111489
20-208-30	112252	20-247-11	112151	2-1119-MI	111312	2-1288-HI	110160
20-208-30-1	112842	20-501	110937	2-1121-MI	111485	2-1289-BO	111120
20-210	113765	20-501-1	110937	2-1123-HI	111763	2-1289-HI	111120
20-210-1	113765	20-502	110937	2-1128-MI	111608	2-1290-BO	111489
20-221-10	111199	20-502-1	110937	2-1136-MI	110149	2-1293-BO	110793
20-221-10-1	111199	20-601	110427	2-1138-MI	110578	2-1293-BO	111066
20-221-10-2	111199	20-8101-1	113347	2-1141-MI	110808	2-1293-DU	110793
20-221-11	111199	20-8101-9	113347	2-1142-MI	110149	2-1293-DU	111066
20-221-11-1	111199	20-8102-1	112270	2-1143-MI	110389	2-1293-PR	110793
20-221-11-2	111199	20-8102-9	112270	2-1144-MI	110808	2-1293-PR	111066
20-221-12	111199	20-8600	110959	2-1148-MI	110811	2-1299-PR	111063
20-221-12-1	111199	20-8601	111710	2-1149-MD	110810	2-1300-BO	110587
20-221-12-2	111199	20-9102-1	110662	2-1149-MI	110810	2-1300-PR	110587
20-224-30-1	112921	20-9102-9	110662	2-1152MI	110810	2-1302-DU	110367
20-224-30-2	112921	20-9103	110766	2-1152-MI	110810	2-1302-PR	110367
20-224-31-1	112921	20-9104	111649	2-1156-FD	111183	2-1303-PR	110367
20-224-31-2	112921	20-9104-1	111649	2-1161-MI	112215	2-1304-PR	110367
20-224-32	112921	20-9105	110766	2-1164-FD	111844	2-1305-DU	110866
20-224-32-1	112921	20-9107	110882	2-1165-FD	112030	2-1305-PR	110866
20-224-32-2	112921	20-9108-1	112742	2-1166-MD	110315	2-1308-BO	110585
20-228-10	111200	20-9300	112097	2-1166-MI	110315	2-1308-DU	110585
20-228-10-1	111200	2-1000-MT	111442	2-1166-MI-2	110315	2-1308-PR	110585
20-228-10-2	111200	2-1000-ND	111442	2-1168-MI	110158	2-1310-PR	112295
20-228-11-1	111200	2-1010-ND	113024	2-1169-MI	110809	2-1315-MM	110338
20-228-11-2	111200	2-1012-MT	110312	2-1170-MI	111461	2-1325-LU	111865
20-228-12	111200	2-1012-ND	110312	2-1173-MI	110315	2-1328-LU	111103
20-228-12-1	111200	2-1013-HI	110249	2-1174-MD	110811	2-1336-LU-1	113171
20-228-12-2	111200	2-1013-ND	110249	2-1174-MI	110811	2-1340-BO	110363
20-228-13	111200	2-1019-MT	113024	2-1176	111241	2-1342-BO	110997
20-228-13-1	111200	2-1019-ND	113024	2-1176-MD	111241	2-1351-BO	110864
20-228-13-2	111200	2-1020-MT	112214	2-1176-MI	111241	2-1353-BO	110858
20-228-14-1	111200	2-1020-ND	112214	2-1178-MD	111305	2-1358-BO	110996
20-228-14-2	111200	2-1020-ND-1	112214	2-1178-MI	111305	2-1359-BO	111061
20-231-20-1	112931	2-1023-ND	110152	2-1183-MD	110958	2-1360-BO	110865
20-231-20-2	112931	2-1024-ND	110411	2-1183-MI	110958	2-1361-BO	111069
20-231-21	112931	2-1029-ND	110396	2-1186-MI	110394	2-1362-BO	111069
20-231-21-1	112931	2-1029-ND-1	110396	2-1189-ND	111310	2-1363-BO	111010
20-231-21-2	112931	2-1030-ND	110396	2-1193-HI	110573	2-1365-BO	111060
20-232-10-1	112993	2-1031-ND	110396	2-1193-ND	111683	2-1367-BO	111059
20-232-10-2	112993	2-1034-ND	110260	2-1206-ND	111451	2-1372-BO	111059
20-232-11-1	112993	2-1035-ND	110621	2-1207-ND	111451	2-1373-BO	111059
20-232-11-2	112993	2-1037-ND	110708	2-1209-MI	111451	2-1374-BO	112131
20-233-30-1	112932	2-1046-ND	110386	2-1216-ND	111552	2-1376-BO	112131
20-233-31	112932	2-1050-ND	110397	2-1224-MI	110157	2-1378-BO	111010
20-233-31-1	112932	2-1056-ND	111544	2-1225-MI	110157	2-1378-MM	111010
20-234-30-1	112933	2-1057-ND	110709	2-1230-PR	112541	2-1382-ND	111492
20-234-30-2	112933	2-1058-ND	110323	2-1231-BO	111490	2-1382-ND-1	111492

## STARTERS & ALTERNATORS



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2-1398-ND	111764	2-1589-ND	113169	2-1737-ND	110626	2-1872-HI	111706
2-1398-ND-2	111764	2-1590-DR	112897	2-1739-ND	113114	2-1873-BO	111347
2-1401-ND	111442	2-1590-DR-1	112897	2-1740-MI	110256	2-1874-BO	111131
2-1404-ND	111544	2-1590-DR-2	112897	2-1741-1	110155	2-1875-VA	112440
2-1404-ND-1	111544	2-1591-DR	112897	2-1741-HI	110155	2-1878-DR	112253
2-1405-ND	110713	2-1592-DR	112897	2-1741-MI	110155	2-1878-LN	112253
2-1412-DR	112911	2-1593-DR	110216	2-1743-ND	110485	2-1884-FD-1	112296
2-1413-DR	111034	2-1593-DR-2	110216	2-1748	112276	2-1885-FD	111844
2-1419-FD	111374	2-1594-DR	110216	2-1748-MI	112276	2-1885-FD-1	111844
2-1421-ND	110421	2-1595-DR	111258	2-1748-MI-1	112276	2-1889-BO	112555
2-1430-BO	110336	2-1596-DR	111258	2-1749-DR	112267	2-1890-BO	111900
2-1430-LU	110336	2-1604-DR	110216	2-1750-ND	110942	2-1894-FD	113222
2-1435-ND	111451	2-1605-DR	110216	2-1753-ND	113428	2-1894-FD-1	113222
2-1439-ND	110411	2-1607-DR	110216	2-1754-ND	110490	2-1896-MI	111305
2-1444-MI	111108	2-1608-DR	110218	2-1755-FD	112340	2-1899-BO	111865
2-1445-MI	111475	2-1609-DR	110218	2-1755-FD-1	112340	2-1902-BO	112034
2-1449-BO	111061	2-1612-MI	113668	2-1756-FD	112235	2-1904-BO	112286
2-1457-BO	111400	2-1613-MI	111305	2-1756-FD-1	112235	2-1906-MI	113638
2-1460-BO	110865	2-1614-ND	110411	2-1758-DR	111786	2-1908-BO	110536
2-1464-PR	111114	2-1622-ND	110152	2-1759-DR	111699	2-1910-FD	112608
2-1469-VA	110856	2-1624-ND	110152	2-1760DR	111699	2-1910-FD-1	112608
2-1470-DR	111034	2-1625-DR	112341	2-1760-DR-2	111699	2-1913-MI	113129
2-1473-DR	111034	2-1629-DR	112341	2-1761-ND	110149	2-1913-MI-1	113129
2-1474-DR	111786	2-1631-DR	112267	2-1764-BO	111347	2-1914-FD	113222
2-1474-DR-2	111786	2-1634-FD	110230	2-1765-BO	111865	2-1916-HI	110485
2-1476-DR	111786	2-1642-FD	112965	2-1767-HD	111836	2-1921-BO	112171
2-1477-DR	111127	2-1645-FD	112963	2-1771-MI	112846	2-1923-BO	113613
2-1479-DR	112898	2-1649-FD	112016	2-1774-MI	111552	2-1924-HI	110156
2-1480-DR	112904	2-1651-NK	112649	2-1776-HI	110820	2-1925-BO	112041
2-1481-DR	112897	2-1668-FD	110227	2-1780-MI	111300	2-1927-MM	111400
2-1481-DR-2	112897	2-1672-FD	110224	2-1781-MI	110947	2-1929-ND	110245
2-1487-DR	110221	2-1674-FD	110226	2-1782-MI	112301	2-1930-ND	110421
2-1489-DR	112910	2-1676-FD	110225	2-1783-MI	111310	2-1931-ND	111839
2-1494-DR	112911	2-1677-FD	110225	2-1789-DR	111786	2-1940-MT	113398
2-1498-DR	112898	2-1678-FD	110229	2-1791-ND	111837	2-1941-MT	110312
2-1500-DR	110414	2-1679-FD	110228	2-1796-DR	112912	2-1943-ND	113242
2-1506-DR	110221	2-1680-FD	110225	2-1796-DR-9	112912	2-1943-ND-2	113242
2-1508-DR	110414	2-1682-ND	110154	2-1797-DR	112898	2-1945-BO	112321
2-1510-DR	110221	2-1684-FD	110509	2-1798-MT	110312	2-1946-BO	111855
2-1512-DR	110221	2-1686-FD	110231	2-1799-FD	112646	2-1948-HI	112373
2-1513-DR	112910	2-1688-DR	112898	2-1799-FD-1	112646	2-1951-NK	112649
2-1516-DR	110221	2-1688-DR-1	112898	2-1800-FD	112586	2-1951-NK-1	112649
2-1526	113725	2-1688-DR-2	112898	2-1800-FD-1	112586	2-1952-MI	111971
2-1526-ND	113725	2-1689-DR	112897	2-1803-BO	111755	2-1954-DR	112241
2-1529-ND	111713	2-1689-DR-1	112897	2-1805-RO	110640	2-1954-DR-2	112241
2-1531-BO	112167	2-1689-DR-2	112897	2-1806-FD	111183	2-1958-ND	113649
2-1532-BO	111749	2-1690-DR	112240	2-1806-FD-1	111183	2-1960-ND	110938
2-1534-BO	111748	2-1690-DR-1	112240	2-1807-ND	113116	2-1960-ND	110940
2-1535-BO	112166	2-1690-DR-2	112240	2-1807-ND-2	113116	2-1963-MI	111275
2-1536-BO	112309	2-1691-DR	111786	2-1809-DR	112897	2-1966-MI	111349
2-1536-MM	112309	2-1691-DR-2	111786	2-1810-DR	111127	2-1968-MI	111730
2-1537-BO	112818	2-1692-DR	112904	2-1811-DR	112906	2-1969-MD	113638
2-1539-BO	112553	2-1692-DR-1	112904	2-1811-DR-2	112906	2-1970-MD	113521
2-1541-HI	110249	2-1692-DR-2	112904	2-1814-DR	112900	2-1971-ND	113629
2-1542-HI	111312	2-1693-ND	111455	2-1814-DR-1	112900	2-1972-ND	113244
2-1543-ND	110323	2-1694-HI	111382	2-1816-BO	112459	2-1974-BO	111900
2-1545-MI	110810	2-1695-ND	111492	2-1828-ND	113171	2-1975-BO	112005
2-1545-MI-2	110810	2-1695-ND-2	111492	2-1834-ND	111550	2-1977-BO	110847
2-1546-MI	111311	2-1700-ND	111984	2-1835-ND	113244	2-1979-BO	112818
2-1547-MI	113044	2-1700-ND-1	111984	2-1837-ND	113119	2-1981-ND	113120
2-1548-MI	110158	2-1700-ND-2	111984	2-1837-ND-2	113119	2-1981-ND-2	112120
2-1549-MI	111310	2-1702-ND	113108	2-1840-ND	113665	2-1984-ND	112367
2-1550-MI	110933	2-1702-ND-1	113108	2-1847-MI	112368	2-1988-BO	111848
2-1552-MI	113141	2-1703-ND	113109	2-1847-MI	112368	2-1989-MD	113020
2-1553-MI	113141	2-1704-ND	111550	2-1850-MI	111970	2-1990-MD	113020
2-1554-MI	113141	2-1704-ND-1	111550	2-1851-MD	110149	2-1991-MI	112300
2-1554-MI-1	113141	2-1719-FD	111374	2-1854-MI	111552	2-1994-BO	113387
2-1557-FD	112584	2-1719-FD-1	111374	2-1855-HI	111098	2-1996-MI	110572
2-1560-HI	112986	2-1720-BO	111851	2-1856-HI	111382	2-1997-BO	111911
2-1561-ND	113402	2-1722-BO	110847	2-1858-MD	111307	2-1999-DR	112239
2-1567-FD	112592	2-1723-HI	110332	2-1859-MI	111451	2-1999-DR-2	112239
2-1571-CH	110223	2-1724-HI	110156	2-1860-MI	113038	2-2001-DR	113550
2-1572-CH	110222	2-1724-HI-1	110156	2-1861-MI	113040	2-2002-BO	111030
2-1575-CH	110223	2-1726-ND	110627	2-1862-MI	111971	2-2003-MI	113618
2-1578-DR	112897	2-1727-MI	110292	2-1863-MI	111312	2-2006-HI	110412
2-1580-DR	112341	2-1728-MI	110182	2-1864-MI	113139	2-2007-HI	110552
2-1581-DR	112341	2-1733-MI	110415	2-1867-MT	113392	2-2008-HI	112478
2-1585-ND	111492	2-1735-HI	110160	2-1868-MT	113398	2-2009-HI	113408
2-1588-ND	113169	2-1736-HI-1	110617	2-1869-MT	113408	2-2012-HI	111586

## STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
<b>WAI Continued</b>							
2-2014-HI	110719	2-2147-9	111915	2-2246	112831	2-2756-UT	113017
2-2015-HI	112674	2-2148	112010	2-2246-UT	112831	2-2804-DR	113550
2-2016-HI	112374	2-2149	112010	2-2247	112564	2-2804-ND	112089
2-2022-DR	112546	2-2150	111917	2-2248-PR	111047	2-2855-UT	113854
2-2022-ND	112546	2-2151	111918	2-2251	112826	2-2891-MI	113830
2-2024-MI	111273	2-2151-9	111918	2-2251-UT	112826	2-2891-MI	115884
2-2026-HI	110462	2-2153	112010	2-2252	112830	2-2911-UT	110654
2-2033-MI	113638	2-2154	112011	2-2252-UT	112830	2-3000-BO	113181
2-2035-ND	113663	2-2155	112145	2-2253	112829	2-3005-BO	113900
2-2036-ND	110447	2-2156	112146	2-2253-UT	112829	2-3030-BO	111332
2-2037-HI	110616	2-2158	110654	2-2260-VA	113659	2-3071-BO	113277
2-2038-LU	110438	2-2160	110647	2-2261-BO	111851	2-3076-BO	111638
2-2041-BO	111755	2-2161	112156	2-2263-ND	113237	2-3189-BO	113182
2-2042-BO	112173	2-2162	112157	2-2264-HI	111247	23-233-31-2	112932
2-2047-ND	113172	2-2163	112247	2-2266	112566	23934N	116029
2-2050-ND	113630	2-2164	112827	2-2271-DR	112232	3-1000-01BO	111225
2-2054-DR	112902	2-2166	110644	2-2276-ND	111224	3-1003-01LU	110482
2-2054-DR-1	112902	2-2167-HI	111766	2-2278-ND	110436	3-1005-01LU	110484
2-2054-DR-2	112902	2-2168-HI	112008	2-2281-LU	110565	3-1015-01HI	113145
2-2057-ND	113314	2-2171-01ER	111732	2-2282-LU	112136	3-1007-01HI-1	113145
2-2058-ND	113314	2-2175-UT	111012	2-2283-BO	110521	3-1012-01HI	113145
2-2062	111382	2-2176	113541	2-2284-BO	110520	3-1012-01HI-1	113146
2-2062-HI	111382	2-2177	113540	2-2285-BO	112037	3-1013-01HI	113146
2-2068-VA	111851	2-2178-MT	111927	2-2292-LU	110819	3-1013-01HI-1	113146
2-2073-UT	111043	2-2181-MT	111921	2-2293-LU	110462	3-1014-01HI	113147
2-2074-UT	110645	2-2181-MT-9	111921	2-2294-VA	113478	3-1014-01HI-1	113147
2-2075-UT	110241	2-2182-MT	111923	2-2295-LU	110464	3-1015-01HI	113144
2-2076-UT	110648	2-2182-MT-9	111923	2-2296-LU	110444	3-1015-01HI-1	113144
2-2077-UT	110649	2-2183	113527	2-2297-BO	110524	3-1016-HD	111919
2-2078-UT	110240	2-2183-9	113527	2-2298-BO	113534	3-1018-DR	113142
2-2079-UT	110644	2-2183-MT	113527	2-2299-BO	112670	3-1019-DR	113143
2-2080-UT	110647	2-2184-MT	111926	2-2300-LU	110442	3-1022-01HI-1	113148
2-2081-UT	110650	2-2186-MT	111922	2-2301-LU	110443	3-1026-LU	110483
2-2082-UT	110636	2-2186-MT-9	111922	2-2302-LU	110439	31-100	112413
2-2083-UT	110949	2-2187	111928	2-2303-LU	112660	32580N	114051
2-2084-BO	111769	2-2187-9	111928	2-2304-LU	111573	32638N	113303
2-2085-BO	112074	2-2188	110634	2-2318-HI	112371	48-0955	110636
2-2086-MI	111300	2-2189	110635	2-2321-HI	113191	49-0955	110636
2-2087-MI	112323	2-2190	111804	2-2322-DR	111699	50-100	110436
2-2087-MI-1	112323	2-2191	112563	2-2322-DR-2	111699	50-100-1	110436
2-2088-MI	111005	2-2192	112242	2-2323-DR	113679	50-100-2	110436
2-2090-MI	110421	2-2193	112313	2-2323-DR-2	113679	50-103	110999
2-2095-DR	112906	2-2194	112312	2-2324	113545	50-103-1	110999
2-2095-DR-2	112906	2-2194-25	112312	2-2325-BO	110813	50-103-2	110999
2-2099-ND	113132	2-2195-UT	112567	2-2333-ND	110942	50-104	111000
2-2100-HI	111247	2-2196	113526	2-2335-ND	110961	50-104-1	111000
2-2101-MI	113210	2-2197-ND	112276	2-2339	112565	50-104-2	111000
2-2102-MI	111272	2-2198-FD	111374	2-2340-LU	110460	50-105	112341
2-2103-MI	111913	2-2200-DR	112906	2-2341-BO	112429	50-105-9	112341
2-2105-ND	110580	2-2203-ND	113172	2-2342-MI	113642	50-108	112089
2-2106-ND	110581	2-2204-BO	111855	2-2347-DR-1	113550	50-108-1	112089
2-2107-ND	110720	2-2207-DR	112169	2-2355-BO	111851	50-108-2	112089
2-2108-ND	113130	2-2207-DR-1	112169	2-2355-BO	112440	50-111	110347
2-2112-DR	112241	2-2208	113538	2-2355-BO-1	111851	50-111-1	110347
2-2112-DR-2	112241	2-2209-ND	111197	2-2355-BO-1	112440	50-111-2	110347
2-2113-DR	112904	2-2211-DR	112902	2-2375-DR-1	113827	50-114	111786
2-2113-DR-2	112904	2-2211-DR-2	112902	2-2401-BO	113613	50-116	110414
2-2116-BO	111909	2-2214-ND	112489	2-2403-BS	113853	50-121	110221
2-2123-UT	111700	2-2215-FD	113703	22407	113539	50-124	110221
2-2124-UT	110510	2-2220-MI	113194	2-2407	113539	50-125	110221
2-2125-UT	110510	2-2227-MI	111703	2-2413-UT	110648	50-127	112911
2-2127-UT	111701	2-2229-MI	110576	2-2432-UT	113593	50-133	110221
2-2129-UT	110510	2-2230-HI	110723	2-2502	113528	50-139	112910
2-2130-HI	111840	2-2231-HI	110723	2-2553-BO	112534	50-139-9	112910
2-2136-DR	111848	2-2232-ND	113206	2-2569-MI	112177	50-141	110221
2-2137-DR	111684	2-2233-HI	113675	2-2609-BO	113468	50-150	110436
2-2138-ND	111765	2-2235-HI	110574	2-2640-FD	112821	50-150-1	110436
2-2139-DR	112902	2-2237-MI	112342	2-2640-FD	115870	50-150-2	110436
2-2140-DR	112898	2-2237-MI-1	112342	2-2642-UT	113015	50-151	111000
2-2140-DR-2	112898	2-2238-ND	111387	2-2646-ND	113597	50-151-1	111000
2-2141-DR	112905	2-2239-ND	113239	2-2656-ND	112547	50-151-2	111000
2-2141-DR-2	112905	2-2241	112244	2-2663-UT	113594	50-151-3	111000
2-2142-DR	112898	2-2242	112150	2-2685-MT	113821	50-152	110999
2-2142-DR-2	112898	2-2243	113476	2-2687-LU	110465	50-152-1	110999
2-2143-DR	112240	2-2243-UT	113476	2-2687-LU-1	110465	50-152-2	110999
2-2143-DR-2	112240	2-2244	112832	2-2688-ND	113231	50-153	112089
2-2145-ND	111765	2-2244-UT	112832	2-2696-MI	113795	50-153-1	112089
2-2145-ND-9	111765	2-2245	112568	2-2705-ND	110485	50-153-2	112089
2-2147	111915	2-2245-UT	112568	2-2723-MI	113819	50-154-9	111221

## STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
50-157-9	112267	50-8434	111760	1UY-81890-11	113545	121120-77010	110485
50-159	111224	50-8436	112668	1YW-81800-50	113545	121120-77011	110485
50-159-1	111224	50-8437	112267	1YW-81800-50-00	113545	121120-77012	110485
50-159-2	111224	50-9100	110525	1YW-81800-51-00	113545	121256-77010	112374
50-160	112243	50-9100-1	110525	2HR-81800-50	113545	121370-77010	113408
50-160-1	112243	50-9101	110529	2HR-81800-51-00	113545	121400-77201	112270
50-160-2	112243	50-9101-1	110529	2HR-81800-52-00	113545	121450-77010	110417
50-161	111224	50-9103	110536	3GH-81800-01-00	113547	123900-77010	114098
50-161-1	111224	50-9104	110551	42X-81800-60-00	113540	123900-77210	112671
50-162	112255	50-9105	110522	4SH-81800-00	113545	123910-77210	114262
50-162-1	112255	50-9105-1	110522	4XE-81800-00-00	113547	124070-77010	112674
50-171	111034	50-9106	110523	55X-81800-50	111928	124080-77201	112270
50-171-9	111034	50-9107	111004	55X-81800-50-00	111928	124395-77010	110417
50-172	112911	50-9108	110517	55X-81800-51	111928	124450-77010	110485
50-172-9	112911	50-9109	110536	55X-81800-51-00	111928	124520-77010	110485
50-173	111127	50-9109-1	110536	59V-81800-00-00	113547	124520-77011	110485
50-179	112898	50-9110	110523	59V-81800-51-00	113547	124520-77012	114400
50-180	112904	50-9110.1	110523	5A8-81800-10-00	113541	124610-77010	115981
50-181	112897	50-9110-1	110523	5A8-81800-60-00	113541	124610-77019	115981
50-183	111034	50-9112	110537	63M-81800-00	112011	124772-77010	110485
50-185	110216	50-9113	110512	64X-81800-00-00	111917	124772-77020	113924
50-186	112240	50-9115	110534	65W-81800-00	112829	124976-77011	110485
50-188	112904	50-9117	110206	65W-81800-01	112829	126486-77010	112371
50-189	112898	50-9120	110531	65X-81800-50-00	111928	126486-77011	112371
50-191	111127	50-9122-1	110518	676-81800-10	114261	128170-77010	111706
50-191-9	111127	50-9123	113465	67C-81800-00	112829	128170-77010D	111706
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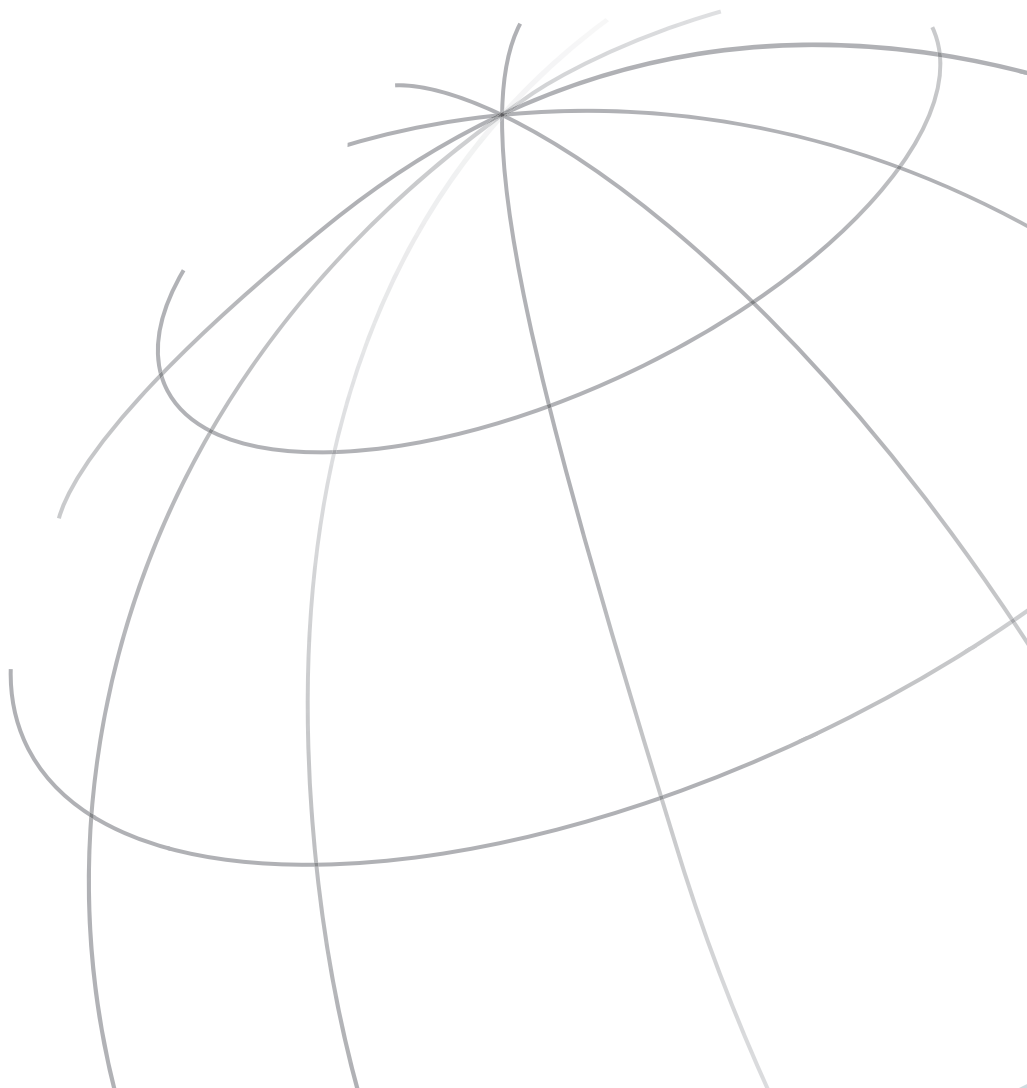






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