



# Sanwa Gasket, Japan

This catalogue includes the most popular cylinder head gaskets, head sets and full sets in Sanwa Gasket range. Should you need any gaskets or sets which are not included in this catalogue, please just place your orders to your dealers with any other part reference on hand. We will advise the corresponding Sanwa Ref and proceed your orders immediately if the gaskets or sets are in our range.

**We Make Gaskets for Japanese Vehicles in Japan since 1945.**

 **Asbestos Free**

**All of our products are Asbestos Free!**

## Sanwa Reference Number

Sanwa Ref consists of 7 characters as follows.

**M A 141 G 1**

1    2    3    4    5

### 1. Maker

<b>D</b> - Daihatsu	<b>M</b> - Mitsubishi / Hyundai
<b>G</b> - Hino	<b>N</b> - Nissan
<b>H</b> - Honda	<b>R</b> - Subaru
<b>J</b> - Isuzu	<b>S</b> - Suzuki
<b>K</b> - Komatsu	<b>T</b> - Toyota
<b>L</b> - Mazda / KIA	<b>W</b> - Daewoo

### 2. Part Name

**A** - Cylinder Head Gasket  
**B** - Head Set  
**D** - Full Set

#### **Note:**

The following parts are not included in this catalogue but you may place your orders to your dealers with any part reference on hand.

<b>C</b> - Conversion Set	<b>L</b> - O Ring
<b>E</b> - Miscellaneous Set	<b>M</b> - Washer

**F** - Manifold Gasket                      **N** - Miscellaneous Gasket  
**G** - Exhaust Pipe Gasket                **R** - Oil Seal  
**H** - Valve Cover Gasket                **S** - Valve Stem Seal  
**J** - Oil Pan Gasket  
**K** - Timing Cover Gasket

### **3. Cylinder Head Gasket Series No. (from 101 to 999)**

MA**141**G1 - Mitsubishi Cylinder Head Gasket No 141 in our range.

Relative Head Sets and Full Sets:

Head Sets: MB**141**A1, MB**141**B1 ...

Full Sets: MD**141**A1, MD**141**B1 ....

### **4 - 1. Material Code of Cylinder Head Gasket**

**F** - Fibre - Steel - Fibre  
**G** - Graphite - Steel - Graphite  
**M** - MLS (Multilayer Steel) or Single layer Steel  
**T** - Metal - Millboard – Metal  
**N** - to be decided.

### **4 - 2. Gasket Set Series No. in Relative Sets (A, B, C, ...)**

**Head Set** -            MB141**A1** MB141**B1** MB141**C1** ...

**Conversion Set** - MC141**A1** MC141**B1** MC141**C1** ...

**Full Set** -            MD141**A1** MD141**B1** MD141**C1** ....

### **3 & 4. Miscellaneous Gaskets Series No. (from 1001 to 9999)**

DF**1008**1 – Daihatsu Manifold Gasket No 1008

NH**1028**1 – Nissan Valve Cover Gasket No 1028.

### **5. Version No. (from 1 to 9 or A, B, C ... for H/S and F/S w/o CHG)**

DB108**A1** - First version of a Head Set

DB108**A2** - Second version of above Head Set.

JB123**AA** - First version of a Head Set w/o Cylinder Head Gasket

JB123**AB** - Second version of above Head Set.

### **Symbols**

- \* Set with Valve Stem Seals
  - x Set with Oil Seals
  - ! Set with Cylinder Liner O Rings
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## Daewoo

Line	Engine	Model	Cylinder Head	Head Set	Full Set
1	<b>F12S3</b> 4 Cyl. 1148 cc.	Matiz 1100	WA101G1 AG7990		
2	<b>F14D5</b> 4 Cyl. 1399 cc.	Kalos 1400	WA102M1 AG8000		

## Daihatsu

Line	Engine	Model	Cylinder Head	Head Set	Full Set
1	<b>AB</b> 2 Cyl. OHC 547 cc. 71.6 x 68	Hi-Jet 550 2/82-	DA106G1 BN250	DB106B1*x DN251	DD106B1*x GN251
2	<b>AD</b> 2 Cyl. OHC 617 cc. 76 x 68	Coupe 600 5/82-	DA104G1 BM450	DB104A1*x DM450	DD104A1*x GM450
3	<b>CB</b> 3 Cyl. OHC 993 cc. 76 x 73	Charade 1000 1978-12/80	DA113G1 BS430	DB113D1*x DS433	DD113D1*x GS433
4	<b>CB</b> 3 Cyl. OHC 993 cc. 76 x 73	Charade 1000 1981-82	DA113G1 BS430	DB113B1*x DS431	DD113B1*x GS431
5	<b>CB</b> 3 Cyl. OHC 993 cc. 76 x 73	S Series 1000 11/83-	DA113G1 BS430	DB113J1*x DS438	DD113J1*x GS438
6	<b>CB12</b> 3 Cyl. OHC 993 cc. 76 x 73	Charade 1000 1983-	DA113G1 BS430	DB113F1*x DS435	DD113F1*x GS435
7	<b>CB37</b> 3 Cyl. OHC 993 cc. 76 x 73	Charade 1000 8/86-	DA113G1 BS430	DB113K1*x DS439	DD113K1*x GS439
8	<b>CB50 / CB60</b> 3 Cyl. OHC 993 cc. 76 x 73	Charade 1000 Turbo 9/83-	DA113G1 BS430	DB113C1*x DS432	DD113C1*x GS432
9	<b>CB61</b> 3 Cyl. OHC 993 cc. 76 x 73	Charade 1000 Turbo 1987-	DA113G1 BS430	DB113C1*x DS432	DD113C1*x GS432
10	<b>CB80</b> 3 Cyl. DOHC 993 cc. 76 x 73	Charade 1000 Turbo 10/87-	DA110G1 BR760	DB110A1*x DR760	DD110A1*x GR760

## Daihatsu

Line	Engine	Model	Cylinder Head	Head Set	Full Set
11	<b>CB90</b> 3 Cyl. DOHC 993 cc. 76 x 73	Charade 1000 10/87-	DA113G1 BS430	DB113A1*x DS430	DD113A1*x GS430
12	<b>CD</b> 3 Cyl. OHC 843 cc. 70 x 73	Hi-Jet 850 1983-	DA113G1 BS430	DB113H1*x DS437	DD113H1*x GS437
13	<b>CD</b> 3 Cyl. OHV 843 cc. 70 x 73	S Series 850 10/82-0/03 S Series 850 10/83-	DA112G1 BS090	DB112A1*x DS090	DD112A1*x GS090
14	<b>CL</b> 3 Cyl. Diesel 993 cc. 76 x 73	Charade 1000 1982-	DA103G1 BM250	DB103A1*x DM250	DD103A1*x GM250
15	<b>CL10</b> 3 Cyl. Diesel 993 cc. 76 x 73	Charade 1000 Turbo 7/84-	DA109G1 BR670	DB109A1*x DR670	DD109A1*x GR670
16	<b>DG3</b> 4 Cyl. Diesel 2530 cc. 88 x 104	Delta 2500 9/77-9/82	DA101G1 BJ490	DB101A1 DJ490	DD101A1x GJ490
17	<b>DG3</b> 4 Cyl. Diesel 2530 cc. 88 x 104	Delta 2500 10/82-7/83	DA105G1 BM900	DB105A1 DM900	DD105A1x GM900
18	<b>DL</b> 4 Cyl. Diesel 2765 cc. 92 x 104	Delta 2800 4/84-87	DA105G1 BM900	DB105B1* DM901	DD105B1*x GM901
19	<b>DL</b> 4 Cyl. Diesel 2765 cc. 92 x 104	Delta 2800 1987-90	DA105G1 BM900	DB105C1* DM902	DD105C1*x GM902
20	<b>DL</b> 4 Cyl. Diesel 2765 cc. 92 x 104	Delta 2800 1990-	DA107F1 BP560	DB107D1* DP565	DD107D1*x GP565
21	<b>DL</b> 4 Cyl. Diesel 2765 cc. 92 x 104	Rocky 2800 Turbo 4/84-87	DA107F1 BP560	DB107A1* DP560	DD107A1*x GP560
22	<b>DL</b> 4 Cyl. Diesel 2765 cc. 92 x 104	Rocky 2800 Turbo 4/87-90	DA107F1 BP560	DB107B1* DP561	DD107B1*x GP561
23	<b>DL</b> 4 Cyl. Diesel 2765 cc. 92 x 104	Rocky 2800 Turbo 1990-	DA107F1 BP560	DB107C1* DP564	DD107C1*x GP564
24	<b>EB10</b> 3 Cyl. OHC 547 cc. 62 x 60.5	Innocenti 550 8/85-	DA114F1 BV650	DB114A1*x DV650	DD114A1*x GV650

## Daihatsu

Line	Engine	Model	Cylinder Head	Head Set	Full Set
25	<b>ED10</b> 3 Cyl. OHC 846 cc. 66.6 x 81	Kancil 850 10/85-	DA108G1 BR140	DB108A1*x DR140	DD108A1*x GR140
26	<b>EF</b> 3 Cyl. DOHC 659 cc. 68 x 60.5	Innocenti 1000 3/90-	DA115G1 BV660	DB115A1*x DV660	DD115A1*x GV660
27	<b>EF</b> 3 Cyl. OHC 659 cc. 68 x 60.5	Mira 660 8/94-9/95	DA116G1 AC5740	DB116A1*x CC5740	DD116A1*x FC5740
28	<b>EJDE</b> 3 Cyl. DOHC 989 cc. 72 x 81	Storia 1000 8/98-8/04	DA117N1 AG5920	DB117A1*x CG5920	DD117A1*x FG5920
29	<b>HC</b> 4 Cyl. OHC 1295 cc. 76 x 71.4	Charade 1300 2/88-89	DA111F1 BR880	DB111A1*x DR880	DD111A1*x GR880
30	<b>HC</b> 4 Cyl. OHC 1295 cc. 76 x 71.4	Charade 1300 1990-	DA111F1 BR880	DB111C1*x DR882	DD111C1*x GR882
31	<b>HD</b> 4 Cyl. OHC 1589 cc. 76 x 87.6	Feroza 1600 10/88-89	DA111F1 BR880	DB111A1*x DR880	DD111A1*x GR880
32	<b>HD</b> 4 Cyl. OHC 1589 cc. 76 x 87.6	Feroza 1600 Rocky 1600 1990	DA111F1 BR880	DB111B1*x DR881	DD111B1*x GR881
33	<b>HD</b> 4 Cyl. OHC 1589 cc. 76 x 87.6	Feroza 1600 Rocky 1600 1991-	DA111F1 BR880	DB111D1*x DR883	DD111D1*x GR883

## Hino

Line	Engine	Model	Cylinder Head	Head Set	Full Set
1	<b>DK10 / DK20</b> 6 Cyl. Diesel 10178 cc. 120 x 150	Truck & Bus 10200 1966-	GA101F2 (2)		
2	<b>DK20T</b> 6 Cyl. Diesel 10178 cc. 120 x 150	Truck & Bus 10200 Turbo 1966-	GA111G1 (2) BL130 (2)		
3	<b>DQ100</b> 6 Cyl. Diesel 4507 cc. 92 x 113	Truck & Bus 4500 1969-83	GA121F1 BC170		

## Hino

Line	Engine	Model	Cylinder Head	Head Set	Full Set
4	<b>EB300</b> 6 Cyl. Diesel 9838 cc. 120 x 145	Truck & Bus 9800 1972-	GA102F1 (2) BC150 (2)	GB102A1 DC150	GD102A1x! GC150
5	<b>EC100</b> 6 Cyl. Diesel 5010 cc. 97 x 113	Truck & Bus 5000 1969-71	GA107F1 BJ980	GB107A1 DJ980	GD107A1x! GJ980
6	<b>ED100</b> 6 Cyl. Diesel 11581 cc. 128 x 150	Truck & Bus 11600 1971-	GA103F1 (2) BC160 (2)	GB103A1 DC160	GD103A1x! GC160
7	<b>EF300</b> V8 Cyl. Diesel 14232 cc. 132 x 130	Truck & Bus 14200 1977-	GA115F1 (2) BR710 (2)	GB115A1* DR710	GD115A1*x ! GR710
8	<b>EF500</b> V8 Cyl. Diesel 15459 cc. 135 x 135	Truck & Bus 15500 1977-81	GA114F1 (2) BN520 (2)	GB114A1* DN520	GD114A1*x ! GN520
9	<b>EF550</b> V8 Cyl. Diesel 16260 cc. 135 x 142	Truck & Bus 16300 5/81-	GA114F1 (2) BN520 (2)		GD114B1*x ! GN521
10	<b>EF700</b> V8 Cyl. Diesel 15920 cc. 137 x 135	Truck & Bus 15900 7/79-	GA114F1 (2) BN520 (2)	GB114A1* DN520	GD114A1*x ! GN520
11	<b>EF750</b> V8 Cyl. Diesel 16745 cc. 137 x 142	Truck & Bus 16700 1981-	GA114F1 (2) BN520 (2)		GD114B1*x ! GN521
12	<b>EF750</b> V8 Cyl. Diesel 16745 cc. 137 x 142	Truck & Bus 16700 1981-	GA114F2 (2)		
13	<b>EH100</b> 6 Cyl. Diesel 5871 cc. 105 x 113	Truck & Bus 5900 1972-	GA105F1 BJ280	GB105A1 DJ280	GD105A1x GJ280
14	<b>EH100</b> 6 Cyl. Diesel 5871 cc. 105 x 113	Truck & Bus 5900 1972-	GA105F2		
15	<b>EH300</b> 6 Cyl. Diesel 6211 cc. 108 x 113	Truck & Bus 6200 1974-	GA104F1 BJ270	GB104A1 DJ270	GD104A1x GJ270
16	<b>EH500</b> 6 Cyl. Diesel 6211 cc. 108 x 113	Truck & Bus 6200 1987-	GA108F1 BK960	GB108A1 DK960	GD108A1x GK960
17	<b>EH700</b> 6 Cyl. Diesel 6443 cc. 110 x 113	Truck & Bus 6400 1978-	GA108F1 BK960	GB108A1 DK960	GD108A1x GK960
18	<b>EH700</b> 6 Cyl. Diesel 6443 cc. 110 x 113	Truck & Bus 6400 1978-	GA108F2		

## Hino

Line	Engine	Model	Cylinder Head	Head Set	Full Set
19	<b>EK100</b> 6 Cyl. Diesel 13267 cc. 137 x 150	Truck & Bus 13300 1976-6/79	GA106F1 (2) BJ970 (2)	GB106A1 DJ970	GD106A1! GJ970
20	<b>EL100</b> 6 Cyl. Diesel 7862 cc. 116 x 124	Truck & Bus 7900 1978-	GA116F1 BR800	GB116A1* DR800	GD116A1*x ! GR800
21	<b>EL100</b> 6 Cyl. Diesel 7862 cc. 116 x 124	Truck & Bus 7900 1978-	GA116F2	GB116A2*	GD116A2*x !
22	<b>EM100</b> 6 Cyl. Diesel 9419 cc. 124 x 130	Truck & Bus 9400	GA118M1 BV590	GB118A1* DV590	GD118A1*x ! GV590
23	<b>EM100</b> 6 Cyl. Diesel 9419 cc. 124 x 130	Truck & Bus 9400	GA118M2	GB118A2*	
24	<b>EP100</b> 6 Cyl. Diesel 8821 cc.	Truck & Bus 8800 Turbo	GA119M1 BX510	GB119A1 DX510	GD119A1 GX510
25	<b>EP100</b> 6 Cyl. Diesel 8821 cc.	Truck & Bus 8800 Turbo	GA119M1 BX510	GB119B1	GD119B1
26	<b>EV700</b> V10 Cyl. Diesel 19900 cc. 137 x 135	Truck & Bus 19900	GA117F1 (2) BR810 (2)	GB117A1* DR810	GD117A1*x ! GR810
27	<b>F17C</b> V8 Cyl. Diesel 17238 cc.	Truck & Bus 17200 9/89-12/90	GA125F1 (2)		
28	<b>F20C</b> V8 Cyl. Diesel 19688 cc.	Truck & Bus 19700 4/92-10/94	GA127F1 (2)		
29	<b>F21C</b> V8 Cyl. Diesel 20781 cc.	Truck & Bus 20800 8/95-	GA126F1 (2)		
30	<b>H07C</b> 6 Cyl. Diesel 6728 cc. 110 x 118	Truck & Bus 6700 1982-	GA108F1 BK960	GB108B1* DK961	GD108B1*x ! GK961
31	<b>H07C</b> 6 Cyl. Diesel 6728 cc. 110 x 118	Truck & Bus 6700 1982-	GA108F2		
32	<b>J05C</b> 4 Cyl. Diesel 5307 cc. 114 x 130	Truck & Bus 5300 7/95-	GA128F1		



Line	Engine	Model	Cylinder Head	Head Set	Full Set
33	J07C 5 Cyl. Diesel 6634 cc. 114 x 130	Truck & Bus 6600 4/99-12/02	GA137F1		
34	J08C 6 Cyl. Diesel 7961 cc. 114 x 130	Truck & Bus 8000 2/95-6/98	GA131F1		
35	J08C 6 Cyl. Diesel 7961 cc. 114 x 130	Truck & Bus 8000 12/02-	GA123M1		
36	K13C 6 Cyl. Diesel 12882 cc. 135 x 150	Truck & Bus 12900 2/90-3/93	GA124F1 (2)		
37	K13C 6 Cyl. Diesel 12882 cc. 135 x 150	Truck & Bus 12900 2/98-9/00	GA129F1		
38	M10C 6 Cyl. Diesel 9880 cc.	Truck & Bus 9900	GA138F1		
39	P11C 6 Cyl. Diesel 10520 cc. 122 x 150	Truck & Bus 10500 1992-	GA122M1		
40	S05C 4 Cyl. Diesel 4613 cc.	Truck & Bus 4600 1999-	GA130F1		
41	V22C V10 Cyl. Diesel 21548 cc.	Truck & Bus 21500 11/86-2/92	GA133F1 (2)		
42	V25C V10 Cyl. Diesel 24610 cc.	Truck & Bus 24600 8/92-	GA135F1 (2)		
43	V25C V10 Cyl. Diesel 24610 cc.	Truck & Bus 24600 3/96-	GA136F1 (2)		
44	W04D 4 Cyl. Diesel 4009 cc. 104 x 118	Truck & Bus 4000 1989-	GA120F1 BS900		
45	W04D 4 Cyl. Diesel 4009 cc. 104 x 118	Truck & Bus 4000 10/95-	GA139F1		
46	W06D 6 Cyl. Diesel 5759 cc. 104 x 113	Truck & Bus 5800 8/86-4/91	GA132F1		
47	W06T 6 Cyl. Diesel 5759 cc. 104 x 113	Truck & Bus 5800 Turbo	GA134F1		

## Honda

Line	Engine	Model	Cylinder Head	Head Set	Full Set
1	A20A 4 Cyl. OHC 1955 cc. 82.7 x 91	Accord 2000 Prelude 2000 1985-87	HA113G1 BN450	HB113A1*x DN450	HD113A1*x GN450
2	A20A 4 Cyl. OHC 1955 cc. 82.7 x 91	Accord 2000 Prelude 2000 1988-	HA113G1 BN450	HB113B1*x DN451	HD113B1*x GN451
3	B16A 4 Cyl. DOHC 1595 cc. 81 x 77.4	Integra 1600	HA126M1 BV040	HB126A1*x	HD126A1*x
4	B18A 4 Cyl. DOHC 1834 cc. 81 x 89	Prelude 1800 1988-89	HA119G1 BS110	HB119A1*x DS110	HD119A1*x GS110
5	B18B 4 Cyl. DOHC 1834 cc. 81 x 89	Integra 1800	HA123M1 BS890	HB123D1*x DS893	HD123D1*x
6	B20A 4 Cyl. DOHC 1958 cc. 81 x 95	Accord 2000 1985- Prelude 2000 1985-07	HA116G1 BP740	HB116A1*x DP740	HD116A1*x GP740
7	B20A 4 Cyl. DOHC 1958 cc. 81 x 95	Prelude 2000 1988-	HA119G1 BS110	HB119B1*x DS111	HD119B1*x GS111
8	C25A V6 Cyl. OHC 2493 cc. 84 x 75	Legend 2500 1984-	HA115G1 (2) BP640 (2)		
9	C27A V6 Cyl. OHC 2675 cc. 87 x 75	Legend 2700 1987-	HA118G1 (2) BR650 (2)	HB118A1*x DR650	HD118A1*x GR650
10	C32A V6 Cyl. OHC 3206 cc. 90 x 84	Legend 3200 1991-	HA129G1 & HA130G1 BV090 & DV100	HB129A1*x DV090	HD129A1*x GV090
11	D12A 4 Cyl. OHC 1237 cc. 72 x 76	City 1200 11/86-3/94	HA143M1 BX440	HB143A1*x DX440	HD143A1*x GX440
12	D13B 4 Cyl. OHC 1343 cc. 75 x 76	Civic 1300 1988-	HA117G1 BR540	HB117A1*x DR540	HD117A1*x GR540
13	D13C 4 Cyl. OHC 1296 cc. 73.7 x 76	City 1300 9/88-3/94	HA135M1 BX450	HB135A1*x DX450	HD135A1*x GX450

## Honda

Line	Engine	Model	Cylinder Head	Head Set	Full Set
14	D15B 4 Cyl. OHC 1493 cc. 75 x 84.5	Civic 1500 1987-	HA117G1 BR540	HB117A1*x DR540	HD117A1*x GR540
15	D15B 4 Cyl. OHC 1493 cc. 75 x 84.5	CRX 1500 1987-	HA117G1 BR540	HB117B1*x DR541	HD117B1*x GR541
16	D15B 4 Cyl. OHC 1493 cc. 75 x 84.5	Civic Ferio 1500	HA141M1	HB141A1*x	HD141A1*x
17	D15B7 4 Cyl. OHC 1493 cc. 75 x 84.5	Civic 1500	HA133G1 BV350	HB133A1*x DV350	HD133A1*x GV350
18	D15Z1 4 Cyl. OHC 1493 cc. 75 x 84.5	Civic 1500 1992-	HA124M1 BV020	HB124A1*x DV020	HD124A1*x GV020
19	D16A7 4 Cyl. OHC 1590 cc. 75 x 90	Ballade 1600 1992-	HA133G1 BV350	HB133B1*x DV351	HD133B1*x GV351
20	D16A9 4 Cyl. DOHC 1590 cc. 75 x 90	Civic 1600 1989-91	HA122G1 BS880	HB122B1*x DS881	HD122B1*x GS881
21	D16Z6 4 Cyl. DOHC 1590 cc. 75 x 90	Civic 1600 1992-	HA124M1 BV020	HB124A1*x DV020	HD124A1*x GV020
22	EB1 4 Cyl. OHC 1169 cc. 70 x 76	Civic 1200 1972-75	HA101G1 BC630	HB101A1* DC631	HD101A1*x GC631
23	EB2 4 Cyl. OHC 1238 cc. 72 x 76	Civic 1200 1976-79	HA101G1 BC630	HB101B1* DC632	HD101B1*x GC632
24	EC 4 Cyl. OHC 1488 cc. 74 x 86.5	Civic 1500 1974-75	HA102F1 BE090	HB102A1* DE091	HD102A1*x GE091
25	EC 4 Cyl. OHC 1488 cc. 74 x 86.5	Civic 1500 1976-77	HA103G1 BE100	HB103B1* DE101	HD103B1*x GE101
26	ECA 3 Cyl. OHC 995 cc. 72 x 81.5	Insight 1000 11/95-	HA148m1 AG7960	HB148A1*	HD148A1*x FG7960
27	ED 4 Cyl. OHC 1488 cc. 74 x 86.5	Civic 1500 1975	HA102F1 BE090	HB102B1* DE090	HD102B1*x GE090

## Honda

Line	Engine	Model	Cylinder Head	Head Set	Full Set
28	EE 4 Cyl. OHC 1238 cc. 72 x 76	Civic 1200 1976-78	HA105G1 BG710	HB105A1* DG710	HD105A1*x GG710
29	EH 2 Cyl. OHC 545 cc. 72 x 67	Acty 500 1977-78	HA106G1 BJ610	HB106A1* DJ610	HD106A1* GJ610
30	EH 2 Cyl. OHC 545 cc. 72 x 67	Acty 500 1978-	HA106G1 BJ610	HB106A1* DJ610	HD106B1*x GJ611
31	EJ 4 Cyl. OHC 1335 cc. 72 x 82	Civic 1300 1983-	HA105G1 BG710	HB105D1*x DG713	HD105D1*x GG713
32	EK 4 Cyl. OHC 1751 cc. 77 x 94	Accord 1800 CVCC Prelude 1800 CVCC 10/81-83	HA107G1 BK100	HB107A1*x DK100	HD107A1*x GK100
33	EL 4 Cyl. OHC 1602 cc. 77 x 86	Accord 1600 1979-81	HA104G1 BE120	HB104B1*x DE121	HD104B1*x GE121
34	EM 4 Cyl. OHC 1488 cc. 74 x 86.5	Civic 1500 1982-	HA108G1 BK110	HB108B1* DK112	HD108B1*x GK112
35	EN 4 Cyl. OHC 1335 cc. 72 x 82	Civic 1300 1978	HA101G1 BC630	HB101C1*x DC633	HD101C1*x GC633
36	EN 4 Cyl. OHC 1335 cc. 72 x 82	Civic 1300 1979-80	HA101G1 BC630	HB101E1* DC637	HD101E1*x GC635
37	EP 4 Cyl. OHC 1602 cc. 77 x 86	Accord 1600 CVCC 10/81-	HA107G1 BK100	HB107A1*x DK100	HD107A1*x GK100
38	ER 4 Cyl. OHC 1231 cc. 66 x 90	City 1200 1984-	HA112G1 BN240	HB112A1*x DN240	HD112A1*x GN240
39	ES 4 Cyl. OHC 1829 cc. 80 x 91	Accord 1800 CVCC Prelude 1800 CVCC 1984-	HA110G1 BM920	HB110A1*x DM920	HD110A1*x GM920
40	ES 4 Cyl. OHC 1829 cc. 80 x 91	Accord 1800 CVCC AD 1984-	HA110G1 BM920	HB110C1*x DM922	HD110C1*x GM922
41	ES 4 Cyl. OHC 1829 cc. 80 x 91	Accord 1800 Prelude 1800	HA121G1 BS710		

## Honda

Line	Engine	Model	Cylinder Head	Head Set	Full Set
42	ET 4 Cyl. OHC 1829 cc. 80 x 91	Accord 1800 CVCC EXR 1984-	HA110G1 BM920	HB110B1*x DM921	HD110B1*x GM921
43	EW 4 Cyl. OHC 1488 cc. 74 x 86.5	Civic 1500 CVCC 1984	HA111G1 BM990	HB111E1*x DM994	HD111E1*x GM994
44	EW 4 Cyl. OHC 1488 cc. 74 x 86.5	Civic 1500 CVCC 1985-	HA111G1 BM990	HB111D1*x DM993	HD111D1*x GM993
45	EW3 4 Cyl. OHC 1488 cc. 74 x 86.5	Ballade 1500 CVCC 1984-	HA111G1 BM990	HB111C*x DM992	HD111C1*x GM992
46	EY 4 Cyl. OHC 1598 cc. 80 x 79.5	Accord 1600 CVCC AC To 1/84	HA109G1 BL360	HB109C1*x DL361	HD109C1*x GL362
47	EY 4 Cyl. OHC 1598 cc. 80 x 79.5	Accord 1600 CVCC AC 1984-	HA110G1 BM920	HB110B1*x DM921	HD110B1*x GM921
48	F18B 4 Cyl. OHC 1849 cc. 85 x 81.5	Accord 1800 1993-	HA134M1 BV830	HB134A1*x DV830	HD134A1*x
49	F20A 4 Cyl. OHC 1997 cc. 85 x 88	Accord 2000	HA120M1 BS700	HB120C1* DS702	HD120C1*x
50	F20B 4 Cyl. OHC 1997 cc. 85 x 88	Accord 2000 1993-	HA134M1 BV830	HB134A1*x DV830	HD134A1*x
51	F20C 4 Cyl. DOHC 1997 cc. 87 x 84	S2000 2000 4/99-	HA146M1 AG8010	HB146A1*	HD146A1*x
52	F22A 4 Cyl. OHC 2156 cc. 85 x 95	Accord 2200 1990-	HA120M1 BS700	HB120A1*x DS700	HD120A1*x GS700
53	F22B 4 Cyl. OHC 2156 cc. 85 x 95	Prelude 2200 1991-	HA120M1 BS700	HB120D1* DS703	HD120D1*x
54	F22B 4 Cyl. OHC 2156 cc. 85 x 95	Accord 2200 1993-	HA134M1 BV830	HB134B1*x DV831	HD134B1*x
55	G25A 5 Cyl. OHC 2451 cc. 85 x 86.4	Inspire 2500	HA128M1 BV070		

## Honda

Line	Engine	Model	Cylinder Head	Head Set	Full Set
56	H22A 4 Cyl. DOHC 2156 cc. 87 x 90.7	Prelude 2200 1993-	HA132M1 BV340	HB132A1*x DV340	HD132A1*x GV340
57	H22A5 4 Cyl. DOHC 2156 cc. 87 x 90.7	Prelude 2200	HA147M1 AG5760	HB147A1*x CG5760	HD147A1*x FG5760
58	H23A 4 Cyl. DOHC 2258 cc. 87 x 95	Prelude 2300 1992-	HA125M1 BV030	HB125A1*x DV030	HD125A1*x GV030
59	K20A 4 Cyl. DOHC 1998 cc. 86 x 86	Acura 2000	HA144M1 AG5810		
60	K24A 4 Cyl. DOHC 2354 cc. 87 x 99	Accord 2400 CRV 2400 2002-2004	HA142M1 AE5770		
61	ZC 4 Cyl. DOHC 1590 cc. 75 x 90	CRX 1600 Integra 1600 1986-87	HA114G1 BP630	HB114A1*x DP630	HD114A1*x GP630
62	ZC 4 Cyl. DOHC 1590 cc. 75 x 90	CRX 1600 1987-	HA117G1 BR540	HB117B1*x DR541	HD117B1*x GR541
63	ZC 4 Cyl. DOHC 1590 cc. 75 x 90	Integra 1600 1988-89	HA122G1 BS880	HB122A1*x DS880	HD122A1*x GS880
64	ZC 4 Cyl. DOHC 1590 cc. 75 x 90	Concerto 1600 1989-	HA133G1 BV350	HB133D1*x DV353	HD133D1*x
65	ZC 4 Cyl. DOHC 1590 cc. 75 x 90	Civic 1600 1992-	HA122G1 BS880	HB122C1*x DS882	HD122C1*x GS882

## Hyundai

Line	Engine	Model	Cylinder Head	Head Set	Full Set
1	4G61 4 Cyl. DOHC 1595 cc. 82.3 x 75	Lantra 1600 1991-	MA138G1 BS240	MB138C1*x DS242	MD138C1*x GS242
2	6G74 V6 Cyl. DOHC 3497 cc. 93 x 85.8	Sedona 3500 2001-	MA176M1 & MA177M1 AG7780 & AG7780	MB176A1*x CG7780	MD176A1*x

## Hyundai

Line	Engine	Model	Cylinder Head	Head Set	Full Set
3	D3EA 3 Cyl. Diesel 1493 cc.	Verna 1500 2001-	MA182M1 AG7910	MB182A1 CG7910	MD182A1 FG7910
4	D4EA 4 Cyl. Diesel 1991 cc. 83 x 92	Santa Fe 2000 2000-	MA173M1 AG7920 or MA174M1 AG7920 or	MB173A1*x CG7920	MD173A1*x
5	G4EA 4 Cyl. OHC 1341 cc. 71.5 x 83.5	Accent 1300 1994-	MA184M1 AG8070	MB184A1 CG8070	MD184A1
6	G4EC 4 Cyl. OHC 1495 cc. 75.5 x 83.5	Accent 1500 1988-	MA188N1 BY730	MB188A1*x DY730	MD188A1*x GY730
7	G4EC 4 Cyl. OHC 1495 cc. 75.5 x 83.5	Accent 1500 1996-	MA192F1 AG6040	MB192A1*x CG6040	MD192A1*x FG6040
8	G4ED 4 Cyl. OHC 1599 cc. 76.5 x 87	Avante 1600 1995-	MA193M1 BY710	MB193A1*x DY710	MD193A1*x GY710
9	G4GC 4 Cyl. DOHC 1975 cc. 82 x 93.5	Avante 2000 1995-	MA185M1 AG5070	MB185A1* CG5070	MD185A1*x
10	G4GC 4 Cyl. DOHC 1975 cc. 82 x 93.5	Avante 2000 2000-	MA181M1 AG8030	MB181A1* CG8030	MD181A1*x
11	G4GR 4 Cyl. DOHC 1599 cc. 77.4 x 85	Lantra 1600 1998-	MA189M1 AG8040	MB189A1*x CG8040	MD189A1*x FG8040
12	G4HC 4 Cyl. OHC 999 cc. 66 x 73	Atoz 1000 1997-	MA191F1 AG8050	MB191A1* CG8050	MD191A1*x FG8050
13	G4HD 4 Cyl. OHC 1086 cc. 67 x 77	Getz 1100 2002-	MA183M1 AG8060	MB183A1 CG8060	MD183A1 FG8060
14	G4JP 4 Cyl. DOHC 1997 cc. 85 x 88	Trajet 2000 2000-	MA187M1 AF5430	MB187A1*x CF5430	MD187A1*x FF5430
15	G4JS 4 Cyl. DOHC 2351 cc. 86.5 x 100	Santa Fe 2400 2001-	MA186M1 AF5070	MB186A1*x CF5070	MD186A1*x FF5070

## Hyundai

Line	Engine	Model	Cylinder Head	Head Set	Full Set
16	G6BA V6 Cyl. DOHC 2657 cc. 86.7 x 75	Coupe 2700 2000-	MA171M1 & MA172M1 AG5690 & AG5700	MB171A1*x CG5690	MD171A1*x FG5690
17	G6BW V6 Cyl. DOHC 2493 cc. 84 x 75	Sonata 2500 1998-	MA178M1 & MA179M1 BZ280 & D7200	MB178A1*x DZ280	MD178A1*x
18	G6CT V6 Cyl. DOHC 2972 cc. 91.1 x 76	Grandeur 3000 1999-	MA190G1(2) AG8090 (2)	MB190A1*x CG8090	MD190A1*x FG8090

## Isuzu

Line	Engine	Model	Cylinder Head	Head Set	Full Set
1	2AB1 2 Cyl. Diesel 1184 cc. 86 x 102	Pick-up 1200 1980	JA110T1 BJ530	JB110A1 DJ530	JD110A1x GJ530
2	4BA1 4 Cyl. Diesel 2775 cc. 98 x 92	Elf 2800 1976-79	JA106T1 BD730	JB106A1* DD730	JD106A1*x GD730
3	4BA1 4 Cyl. Diesel 2775 cc. 98 x 92	Elf 2800 1979-	JA106T1 BD730	JB106B1* DD731	JD106B1*x GD731
4	4BB1 4 Cyl. Diesel 3595 cc. 102 x 110	Elf 3600 1976-	JA112T1 BK040	JB112A1* DK041	JD112A1*x GK041
5	4BC2 4 Cyl. Diesel 3268 cc. 102 x 100	Elf 3300 1980-11/85	JA112T1 BK040	JB112D1* DK044	JD112D1*x GK044
6	4BC2 4 Cyl. Diesel 3268 cc. 102 x 100	Elf 3300 11/85-	JA112T1 BK040	JB112G1* DK047	JD112G1*x GK047
7	4BD1 4 Cyl. Diesel 3856 cc. 102 x 118	Elf 3900 1979-81	JA112T1 BK040	JB112C1* DK043	JD112C1*x GK043
8	4BD1 4 Cyl. Diesel 3856 cc. 102 x 118	Elf 3900 1982-	JA112T1 BK040	JB112B1* DK042	JD112B1*x GK042



## Isuzu

Line	Engine	Model	Cylinder Head	Head Set	Full Set
9	4FB1 4 Cyl. Diesel 1817 cc. 84 x 82	Gemini 1800 1980	JA113M1 BK500	JB113B1x DK501	JD113B1x GK501
10	4FB1 4 Cyl. Diesel 1817 cc. 84 x 82	Gemini 1800 Turbo 1983-	JA113M1 BK500	JB113B1*x DK501	JD113C1*x GK502
11	4FC1 4 Cyl. Diesel 1995 cc. 84 x 90	Fargo 2000 5/83-	JA117G1 BN190	JB117A1x DN190	JD117A1x GN190
12	4FD1 4 Cyl. Diesel 2189 cc. 88 x 90	Fargo 2200 12/86-	JA122G1 BR190	JB122A1*x DR190	JD122A1*x GR190
13	4JA1 4 Cyl. Diesel 2499 cc. 93 x 92	Trooper 2500 1988-	JA139M1 BR990	JB139A1* DR990	JD139A1*x GR990
14	4JB1 4 Cyl. Diesel 2771 cc. 93 x 102	Trooper 2800 1988-	JA139M1 BR990	JB139B1* DR991	JD139B1*x GR991
15	4JG2 4 Cyl. Diesel 3059 cc. 95.4 x 107	Bighorn 3100 1991-	JA157M1 AG7720 or JA158M1 AG7730 or JA159M1		
16	4XC1 4 Cyl. OHC 1471 cc. 77 x 79	Gemini 1500 I-Mark 1500 1985-	JA118G1 BN610	JB118A1*x DN610	JD118A1*x GN610
17	4XC1 4 Cyl. OHC 1471 cc. 77 x 79	Gemini 1500 Turbo I-Mark 1500 Turbo 1987-	JA127G1 BR910	JB127A1*x DR911	JD127A1*x GR910
18	4XE1 4 Cyl. DOHC 1588 cc. 80 x 79	Gemini 1600 1987-89	JA130G1 BS230	JB130A1*x DS230	JD130A1*x GS230
19	4XE1 4 Cyl. DOHC 1588 cc. 80 x 79	Gemini 1600 1990-93	JA130G1 BS230	JB130B1*x DS232	JD130B1*x GS232
20	4XE1 4 Cyl. DOHC 1588 cc. 80 x 79	Gemini 1600 Turbo 1990-93	JA133G1 BV560		
21	4ZA1 4 Cyl. OHC 1584 cc. 82 x 84	Fargo 1600 1981-	JA132M1 BT790	JB132A1* DT790	JD132A1*x GT790
22	4ZC1 4 Cyl. OHC 1994 cc. 88 x 82	Aska 2000 12/84-	JA121G1 BP980	JB121A1*x DP980	JD121A1*x GP980

## Isuzu

Line	Engine	Model	Cylinder Head	Head Set	Full Set
23	4ZC1 4 Cyl. OHC 1994 cc. 88 x 82	Impulse 2000 Turbo 1985-88 Piazza 2000 Turbo 2/05-12/06	JA119G1 BP770	JB119A1*x DP770	JD119A1*x GP770
24	4ZD1 4 Cyl. OHC 2254 cc. 89.3 x 90	Pick-up 2300 4WD 1986- Trooper 2300 1987-	JA120G1 BP920	JB120A1*x DP920	JD120A1*x GP920
25	4ZD1 4 Cyl. OHC 2254 cc. 89.3 x 90	Aska 2300 Pick-up 2300 2WD 1986-	JA120G1 BP920	JB120A1*x DP920	JD120B1*x GP921
26	4ZD1 4 Cyl. OHC 2254 cc. 89.3 x 90	Impulse 2300 1988-	JA128G1 BR920	JB128A1*x DR920	JD128A1*x GR920
27	4ZE1 4 Cyl. OHC 2559 cc. 92.6 x 95	Pick-up 2600 Trooper 2600 1988-	JA129G1 BR940	JB129A1*x DR940	JD129A1*x GR940
28	6BB1 6 Cyl. Diesel 5393 cc. 102 x 110	Forward 5400 12/81-	JA109T1 BJ480	JB109A1* DJ480	JD109A1*x GJ480
29	6BD1 6 Cyl. Diesel 5785 cc. 102 x 118	Forward 5800 1984-	JA109T1 BJ480	JB109C1* DJ482	JD109C1*x GJ482
30	6BG1 6 Cyl. Diesel 6494 cc. 105 x 125	Forward 6500 8/86-87	JA124M1 BR550	JB124A1* DR550	JD124A1*x GR550
31	6RA1 6 Cyl. Diesel 12023 cc. 135 x 140	Truck & Bus 12000 1981-	JA108M1 (2) BJ260 (2)	JB108C1* DJ262	JD108C1*x GJ262
32	6RA1 6 Cyl. Diesel 12023 cc. 135 x 140	Truck & Bus 12000 1981-	JA137M1 (2) BX520 (2)	JB137A1* DJ262	JD137A1*x GJ262
33	6RB1 6 Cyl. Diesel 13741 cc. 135 x 160	Truck & Bus 13700 1982-	JA108M1 (2) BJ260 (2)	JB108C1* DJ262	JD108C1*x GJ262
34	6RB1 6 Cyl. Diesel 13741 cc. 135 x 160	Truck & Bus 13700 1982-	JA137M1 (2) BX520 (2)	JB137A1* DJ262	JD137A1*x GJ262
35	6SA1 6 Cyl. Diesel 8413 cc. 115 x 135	Truck & Bus 8400 1985-	JA126M1 BR820	JB126A1* DR820	JD126A1*x GR820
36	6SD1 6 Cyl. Diesel 9839 cc. 120 x 145	Truck & Bus 9800 1989-94	JA138M1 BX530	JB138A1* DR820	JD138A1*x GX530

## Isuzu

Line	Engine	Model	Cylinder Head	Head Set	Full Set
37	C190 4 Cyl. Diesel 1951 cc. 86 x 84	Elf 2000 1981	JA111T1 BJ650	JB111A1 DJ650	JD111A1x GJ650
38	C190 4 Cyl. Diesel 1951 cc. 86 x 84	Elf 2000 1983-	JA111T1 BJ650	JB111B1 DJ652	JD111B1x GJ653
39	C190 4 Cyl. Diesel 1951 cc. 86 x 84	Faster 2000 1979	JA102T1 AX180	JB102B1 CX182	JD102B1x FX182
40	C190 4 Cyl. Diesel 1951 cc. 86 x 84	Faster 2000 1982	JA111T1 BJ650	JB111C1 DJ654	JD111C1x GJ654
41	C201PT 4 Cyl. Diesel 2010 cc. 83 x 92.9	Industrial Engine	JA115T1 BM370	JB115D1* DM371	JD115D1*x GM373
42	C223 4 Cyl. Diesel 2238 cc. 88 x 92	Pick-up 2200 2WD 1981-	JA115T1 BM370	JB115B1 DM370	JD115A1x GM370
43	C223 4 Cyl. Diesel 2238 cc. 88 x 92	Pick-up 2200 4WD 1981-	JA115T1 BM370	JB115B1 DM370	JD115B1x GM371
44	C223 4 Cyl. Diesel 2238 cc. 88 x 92	Trooper 2200 1983-	JA115T1 BM370	JB115B1 DM370	JD115C1x GM372
45	C223/D 4 Cyl. Diesel 2238 cc. 88 x 92	Pick-up 2200 Turbo Trooper 2200 Turbo 1986-	JA123M1 BR200	JB123A1*x DR200	JD123A1*x GR200
46	C240 4 Cyl. Diesel 2369 cc. 86 x 102	Elf 2400 1970-81	JA102T1 AX180	JB102A1* CX181	JD102A1*x FX181
47	C240 4 Cyl. Diesel 2369 cc. 86 x 102	Elf 2400 1982-	JA111T1 BJ650	JB111C1* DJ654	JD111D1*x GJ655
48	C330 4 Cyl. Diesel 3318 cc. 98 x 110	Pick-up 3300 1973-75	JA106T1 BD730	JB106A1* DD730	JD106A1*x GD730
49	C330 4 Cyl. Diesel 3318 cc. 98 x 110	Pick-up 3300 1976-83	JA106T1 BD730	JB106B1* DD731	JD106B1*x GD731
50	DH100 6 Cyl. Diesel 10179 cc. 120 x 150	Truck & Bus 10200 1969-72	JA107T1 (2) BJ240 (2)	JB107A1* DJ240	JD107A1*x! GJ240

**Isuzu**

Line	Engine	Model	Cylinder Head	Head Set	Full Set
51	E120 6 Cyl. Diesel 12023 cc. 135 x 140	Truck & Bus 12000 1971-81	JA108M1 (2) BJ260 (2)	JB108A1* DJ260	JD108A1*x GJ260
52	E120 6 Cyl. Diesel 12023 cc. 135 x 140	Truck & Bus 12000 1982-	JA108M1 (2) BJ260 (2)	JB108C1* DJ262	JD108C1*x GJ262
53	G161 4 Cyl. OHC 1584 cc. 82 x 75	Unicab 1600 1969-72	JA101F1 AJ150	JB101A1 CJ151	JD101A1x FJ151
54	G161 4 Cyl. OHC 1584 cc. 82 x 75	Unicab 1600 1973-75	JA101F1 AJ150	JB101A1 CJ151	JD101B1x FJ152
55	G161Z 4 Cyl. OHC 1584 cc. 82 x 75	Gemini 1600 Unicab 1600 1978-	JA104G1 BC220	JB104A1* DC221	JD104A1*x GC221
56	G180Z 4 Cyl. OHC 1817 cc. 84 x 82	Gemini 1800 1977-9/82 Pick-up 1800 1981-	JA105G1 BD360	JB105A1* DD363	JD105A1*x GD363
57	G200 4 Cyl. OHC 1950 cc. 87 x 82	Piazza 2000 3/85-9/85	JA116G1 BM490	JB116A1* DM491	JD116B1*x GM492

**KIA**

Line	Engine	Model	Cylinder Head	Head Set	Full Set
1	A3E 4 Cyl. OHC 1343 cc. 71.6 x 83.3	Rio 1300 2000-	LA158M1 AG7830	LB158A1*x CG7830	LD158A1*x FG7830
2	A5D 4 Cyl. Diesel 1493 cc. 75 x 84.5	Rio 1500 2000-	LA159M1 AG8250	LB159A1*x CG8250	LD159A1*x FG8250
3	A6 4 Cyl. DOHC 1594 cc. 78 x 83.4	Shuma 1600 Sephia II 1600 2002-	LA155M1 AG8260	LB155A1*x CG8260	LD155A1*x FG8260
4	B3 4 Cyl. OHC 1323 cc. 71 x 83.6	Pride 1300	LA124G1 BR960	LB124D1*x	LD124D1*x GR963
5	B5 4 Cyl. DOHC 1498 cc. 78 x 78.4	Sephia 1500 Mentor 1500 1997-	LA157F1 AG7840	LB157A1*x CG7840	LD157A1*x FG7840

**KIA**

Line	Engine	Model	Cylinder Head	Head Set	Full Set
6	J2 4 Cyl. Diesel 2665 cc. 94.5 x 95	Pregio 2700 10/97-	LA152M1 AE5470		
7	J3 4 Cyl. Diesel 2902 cc. 97.1 x 98	Sedona 2900 Carnival 2900 1999-	LA156M1 AG8140	LB156A1*x CG8140	LD156A1*x FG8140
8	T8 4 Cyl. DOHC 1793 cc.	Clarus 1800 Credos 1800 1996-	LA153M1 AG8200	LB153A1*x CG8200	LD153A1*x FG8200

**Komatsu**

Line	Engine	Model	Cylinder Head	Head Set	Full Set
1	4D92 4 Cyl. Diesel 2600 cc.	Komatsu 2600	KA110F1	KB110A1	KD110A1
2	4D94 4 Cyl. Diesel 2933 cc. 94 x 106	Komatsu 2900	KA111F1	KB111A1	KD111A1
3	4D95 4 Cyl. Diesel 2687 cc. 95 x 95	Komatsu 2700	KA118F1	KB118A1	KD118A1
4	4D95 4 Cyl. Diesel 2687 cc. 95 x 95	Komatsu 2700	KA118G1	KB118A2	KD118A2
5	4D95 4 Cyl. Diesel 2687 cc. 95 x 95	Komatsu 2700	KA112M1	KB112A1	KD112A1
6	4D105-3 4 Cyl. Diesel 4326 cc. 105 x 125	Komatsu 4300	KA106F1	KB106A1	KD106A1
7	4D105-5 4 Cyl. Diesel 4326 cc. 105 x 125	Komatsu 4300	KA107F1	KB107A1	KD107A1
8	4D120 4 Cyl. Diesel	Komatsu	KA108T1	KB108A1	KD108A1
9	4D130 4 Cyl. Diesel 8488 cc. 130 x 160	Komatsu 8500	KA109T1	KB109A1	KD109A1

## Komatsu

Line	Engine	Model	Cylinder Head	Head Set	Full Set
10	S6D95 6 Cyl. Diesel 4890 cc. 95 x 115	Komatsu 4900	KA102G1 BW820	KB102A2 DW820N	KD102A2 GW820N
11	S6D95 6 Cyl. Diesel 4890 cc. 95 x 115	Komatsu 4900	KA102M1	KB102A3	KD102A3
12	S6D95 6 Cyl. Diesel 4890 cc. 95 x 115	Komatsu 4900	KA117M1	KB117A1	KD117A1
13	6D105 6 Cyl. Diesel 6490 cc. 105 x 125	Komatsu 6500	KA101F1	KB101B1	KD101B1
14	6D105 6 Cyl. Diesel 6490 cc. 105 x 125	Komatsu 6500	KA101F2 BW810N	KB101A2 DW810N	KD101A2 GW810N
15	6D105 6 Cyl. Diesel 6490 cc. 105 x 125	Komatsu 6500	KA101F1	KB101A3	KD101A3
16	6D108 6 Cyl. Diesel 7145 cc. 108 x 130	Komatsu 7100	KA113M1	KB113A1	KD113A1
17	6D110 6 Cyl. Diesel 7128 cc. 110 x 125	Komatsu 7100	KA114M1	KB114A1	KD114A1
18	6D125 6 Cyl. Diesel 11045 cc. 125 x 150	Komatsu 11000	KA104M2(6)	KB104B1	KD104B1
19	6D125 6 Cyl. Diesel 11045 cc. 125 x 150	Komatsu 11000	KA104M1(6)	KB104A1	KD104A1
20	6D125 6 Cyl. Diesel 11045 cc. 125 x 150	Komatsu 11000	KA104M2(6)	KB104A2	KD104A2
21	6D125N 6 Cyl. Diesel 11045 cc. 125 x 150	Komatsu 11000	KA105M1(6)	KB105A1	KD105A1
22	6D125N 6 Cyl. Diesel 11045 cc. 125 x 150	Komatsu 11000	KA105M2(6)	KB105A2	KD105A2
23	6D140 6 Cyl. Diesel 15240 cc. 140 x 165	Komatsu 15200	KA115M1(6)	KB115A1	KD115A1

## Komatsu

Line	Engine	Model	Cylinder Head	Head Set	Full Set
24	<b>6D155</b> 6 Cyl. Diesel 19255 cc. 155 x 170	Komatsu 19300	KA116M1(3) BX380 (3)	KB116A1	KD116A1
25	<b>6D155</b> 6 Cyl. Diesel 19255 cc. 155 x 170	Komatsu 19300	KA116M1(3) BX380 (3)	KB116B1 DX380	KD116B1 GX380

## Mazda

Line	Engine	Model	Cylinder Head	Head Set	Full Set
1	<b>AM</b> 4 Cyl. OHC 2555 cc. 91.1 x 98	MPV 2600 B Series (Pick-up) 2600 1989-	LA128G1 BS280	LB128A1* DS280	LD128A1*x GS280
2	<b>B3</b> 4 Cyl. OHC 1323 cc. 71 x 83.6	Familia 1300 12/86-	LA124G1 BR960	LB124A1*x DR960	LD124A1*x GR960
3	<b>B3</b> 4 Cyl. OHC 1323 cc. 71 x 83.6	323 1300 1987-	LA124G1 BR960	LB124B1*x DR961	LD124B1*x GR961
4	<b>B3</b> 4 Cyl. DOHC 1323 cc. 71 x 83.6	Familia 1300 1990-	LA139G1 BV430	LB139A1*x DV431	LD139A1*x GV431
5	<b>B6</b> 4 Cyl. DOHC 1597 cc. 78 x 83.6	Familia 1600 323 1600 1985-86	LA140G1 BV510	LB140A1*x DV510	LD140A1*x GV510
6	<b>B6</b> 4 Cyl. DOHC 1597 cc. 78 x 83.6	323 1600 Turbo 1988-	LA119G1 BP570	LB119B1*x DP571	LD119B1*x GP571
7	<b>B6</b> 4 Cyl. DOHC 1597 cc. 78 x 83.6	323 1600 1986-87	LA120G1 BP600	LB120A1*x DP600	LD120A1*x GP600
8	<b>B6</b> 4 Cyl. DOHC 1597 cc. 78 x 83.6	MX3 1600 8/91-	LA130G1 BS940	LB130A1*x DS940	LD130A1*x GS940
9	<b>B6</b> 4 Cyl. DOHC 1597 cc. 78 x 83.6	323 1600 1991-	LA132F1 BV110	LB132A1*x DV110	LD132A1*x GV110
10	<b>BP</b> 4 Cyl. OHC 1840 cc. 83 x 85	Familia 1800 Protege 1800 323 1800 1990-	LA131M1 BS950	LB131C1*x DS953	LD131C1*x GS953

## Mazda

Line	Engine	Model	Cylinder Head	Head Set	Full Set
11	BP 4 Cyl. DOHC 1840 cc. 83 x 85	Familia 1800 Protege 1800 323 1800	LA131M1 BS950	LB131A1*x DS950	LD131A1*x GS950
12	E1 4 Cyl. OHC 1071 cc. 70 x 69.6	323 1100 1980-	LA112F1 BJ420	LB112A1* DJ420	LD112A1*x GJ420
13	E3 4 Cyl. OHC 1296 cc. 77 x 69.6	323 1300 6/80-11/82	LA113G1 BJ430	LB113A1* DJ430	LD113A1*x GJ430
14	E3 4 Cyl. OHC 1296 cc. 77 x 69.6	323 1300 1985-	LA113G1 BJ430	LB113C1* DJ432	LD113C1*x GJ432
15	E5 4 Cyl. OHC 1490 cc. 77 x 80	Familia 1500 323 1500 6/80-11/82	LA113G1 BJ430	LB113A1* DJ430	LD113A1*x GJ430
16	E5 4 Cyl. OHC 1490 cc. 77 x 80	Familia 1500 323 1500 1985-	LA118G1 BP540	LB118A1* DP540	LD118A1*x GP540
17	F2 4 Cyl. OHC 2184 cc. 86 x 94	626 2200 1991-	LA122G1 BR730	LB122E1*x DR734	LD122E1*x GR734
18	F6 4 Cyl. OHC 1587 cc. 81 x 77	Capella 1600 9/82-11/86	LA116G1 BM300	LB116A1* DM300	LD116A1*x GM300
19	F8 4 Cyl. OHC 1789 cc. 86 x 77	Capella 1800 1983-2/87	LA114G1 BL320	LB114A1*x DL320	LD114A1*x GL320
20	F8 4 Cyl. OHC 1789 cc. 86 x 77	Capella 1800 E Series 1800 3/87-	LA122G1 BR730	LB122A1*x DR730	LD122A1*x GR730
21	FE 4 Cyl. OHC 1998 cc. 86 x 86	Capella 2000 626 2000 1982-85	LA114G1 BL320	LB114A1*x DL320	LD114A1*x GL320
22	FE 4 Cyl. OHC 1998 cc. 86 x 86	626 2000 Turbo 2/85-	LA114G1 BL320	LB114C1*x DL322	LD114C1*x GL322
23	FE 4 Cyl. OHC 1998 cc. 86 x 86	626 2000 2/87-	LA123G1 BR850	LB123A1*x DR850	LD123A1*x GR850
24	HA 4 Cyl. Diesel 2977 cc. 95 x 105	E Series 3000 T Series (Truck) 3000 3/77-9/80	LA110G1 BE360	LB110A1 DE360	LD110A1 GE360



## Mazda

Line	Engine	Model	Cylinder Head	Head Set	Full Set
25	HA 4 Cyl. Diesel 2977 cc. 95 x 105	T Series (Truck) 3000 10/80-1/84	LA115G1 BL880	LB115A1* DL880	LD115A1*x GL880
26	HA 4 Cyl. Diesel 2977 cc. 95 x 105	T Series (Truck) 3000 2/84-	LA115G1 BL880	LB115A1* DL880	LD115B1*x GL881
27	JE V6 Cyl. OHC 2954 cc. 90 x 77.4	Luce 3000 929 3000 1986-89	LA125M1 & LA126M1 BR980 & DR970	LB125A1*x DR970	LD125A1*x GR970
28	JE V6 Cyl. OHC 2954 cc. 90 x 77.4	Luce 3000 MPV 3000 929 3000 1989-	LA125M1 & LA126M1 BR980 & BR970	LB125C1*x DR972	LD125C1*x GR972
29	JE V6 Cyl. DOHC 2954 cc. 90 x 77.4	Luce 3000 1991-	LA125M1 & LA126M1 BR980 & DR970	LB125B1*x DR971	LD125B1*x GR971
30	KF-ZE V6 Cyl. DOHC 1995 cc. 78 x 69.6	MS8 2000 1/92- MX6 2000 11/91-	LA142M1 & LA143M1 BX780 & DV700	LB142A1*x DX780	LD142A1*x GX780
31	KJ-ZEM V6 Cyl. DOHC 2254 cc. 80.3 x 74.2	Eunos 800 2300 8/93-4/96	LA160M1 & LA161M1	LB160A1*x CG8150	LD160A1*x FG8150
32	KL V6 Cyl. DOHC 2496 cc. 84.5 x 74.2	MS6 2500 Capella Wagon 2500 Millenia 2500 Telstar 2500 1991-98	LA137M1 & LA138M1 BV410 & BV420		
33	MA 4 Cyl. OHC 1970 cc. 80 x 98	Capella 2000 121 2000 626 2000 929 2000 11/78-79	LA101G1 AJ120	LB101K1* CJ12C	LD101K1*x FJ12B
34	MA 4 Cyl. OHC 1970 cc. 80 x 98	626 2000 B Series (Pick-up) 2000 1981-	LA101G1 AJ120	LB101H1* CJ127	LD101H1*x FJ127
35	PB 4 Cyl. OHV 987 cc. 68 x 68	Familia 1000 B Series (Pick-up) 1000 1967-73	LA102F1 AJ190	LB102A1* CJ192	LD102A1*x FJ192

## Mazda

Line	Engine	Model	Cylinder Head	Head Set	Full Set
36	PN 4 Cyl. Diesel 1720 cc. 78 x 90	Familia 1700 323 1700 1987	LA127G1 BS070	LB127A1*x DS070	LD127A1*x GS070
37	R2 4 Cyl. Diesel 2184 cc. 86 x 94	E Series 2200 11/86-	LA154M1 BN620	LB154B1*x DN621	LD154B1*x GN621
38	R2 4 Cyl. Diesel 2184 cc. 86 x 94	E Series 2200 11/86-	LA129G1 BS460		
39	RE12A 2 x 573 cc. Rotary Engine	RX7 1100 1980			LD144A1 HL398
40	RE12A 2 x 573 cc. Rotary Engine	RX7 1100 1981-82			LD145A1x HL425
41	RF 4 Cyl. Diesel 1998 cc. 86 x 86	Capella 2000 626 2000 1982-85	LA117G1 BM730	LB117A1*x DM730	LD117A1*x GM730 or LD117A2*x GM731
42	RF 4 Cyl. Diesel 1998 cc. 86 x 86	E Series 2000 1984-	LA154M1 BN620	LB154A1*x DN620	LD154A1*x GN620
43	RF 4 Cyl. Diesel 1998 cc. 86 x 86	E Series 2000 1984-	LA129G1 BS460		
45	S2 4 Cyl. Diesel 2209 cc. 88.9 x 89	B Series (Pick-up) 2200 9/79-7/82	LA105G1 AJ630	LB105B1 CJ631	LD105B1x FJ631
46	S2 4 Cyl. Diesel 2209 cc. 88.9 x 89	B Series (Pick-up) 2200 8/82-9/83	LA105G1 AJ630	LB105C1* CJ633	LD105C1*x FJ632
47	SL 4 Cyl. Diesel 3455 cc. 100 x 110	T Series (Truck) 3500 2/84-	LA121G1 BP840	LB121A1* DP840	LD121A1*x GP840
48	SL 4 Cyl. Diesel 3455 cc. 100 x 110	T Series (Truck) 3500 Turbo 2/87-	LA133M1 BV260	LB133A1* DV260	LD133A1*x GV260
49	TB 4 Cyl. OHV 1169 cc. 70 x 76	Familia 1200 323 1200 1969-70 B Series (Pick-up) 1200 1971-	LA103F1 AJ210	LB103B1* CJ211	LD103B1*x FJ211

## Mazda

Line	Engine	Model	Cylinder Head	Head Set	Full Set
50	TC 4 Cyl. OHC 1272 cc. 73 x 76	Familia 1300 323 1300 E Series 1300 1977-2/78	LA107G1 AJ650	LB107B1* CJ652	LD107B1*x FJ652
51	UC 4 Cyl. OHC 1415 cc. 77 x 76	GLC 1400 10/79-80 323 1400 10/79-81 E Series 1400 10/79-	LA111G1 BE540	LB111C1* DE544	LD111B1*x GE541
52	UC 4 Cyl. OHC 1415 cc. 77 x 76	GLC 1400 1981-	LA111G1 BE540	LB111D1* DE543	LD111D1*x GE543
53	UC 4 Cyl. OHC 1415 cc. 77 x 76	323 1400 1982-7/85 B Series (Pick-up) 1400 9/83-7/85	LA111G1 BE540	LB111E1* DE545	LD111E1*x GE544
54	VA 4 Cyl. OHV 1985 cc. 82 x 94	E Series 2000 1972-77	LA109G1 BE340	LB109A1* DE340	LD109A1*x GE340
55	VC 4 Cyl. OHC 1769 cc. 80 x 88	Capella 1800 Luce 1800 121 1800 626 1800 929 1800 1974-75	LA101G1 AJ120	LB101A1* CJ120	LD101A1*x FJ120
56	Z5 4 Cyl. DOHC 1489 cc. 75.3 x 83.6	Familia 1500 Laser 1500 1994-98	LA163M1 AG5120		
57	ZB 6 Cyl. Diesel 4052 cc. 92 x 101.6	T Series (Truck) 4100 1980-83	LA106G1 AJ640	LB106A1* CJ641	LD106A1*x FJ641
58	ZB 6 Cyl. Diesel 4052 cc. 92 x 101.6	T Series (Truck) 4100 1984-	LA106G1 AJ640	LB106B1* CJ642	LD106B1*x FJ642
59	ZL 4 Cyl. DOHC 1498 cc. 78 x 78.4	Familia 1500 4/98-	LA162M1 AA5030	LB162A1*x CA5030	LD162A1*x FA5030

### Symbols

- \* Set with Valve Stem Seals
- x Set with Oil Seals
- ! Set with Cylinder Liner O Rings

## Mitsubishi

Line	Engine	Model	Cylinder Head	Head Set	Full Set
1	6A10 V6 Cyl. DOHC 1597 cc. 73 x 63.6	Lancer 1600 1991-93	MA215G1 AD5730	MB215B1*x CD5730	
2	6A11 V6 Cyl. OHC 1829 cc. 75 x 69	Galant 1800 1992-96	MA215G1 BZ210	MB215A1*x DZ210	
3	6A12 V6 Cyl. DOHC 1998 cc. 78.4 x 69	Galant 2000 1992-96	MA180G1 AF5500		
4	6A12 V6 Cyl. OHC 1998 cc. 78.4 x 69	Galant 2000 1992-96	MA180G1 BZ220	MB180A1*x DZ220	
5	6A12 V6 Cyl. DOHC 1998 cc. 78.4 x 69	Galant 2000 1992-96	MA180G1 BZ220	MB180B1*x DZ221	
6	G11B 4 Cyl. OHC 1244 cc. 69.5 x 82	Lancer 1200 1978-10/81 Mirage 1200 1978-8/81	MA111G1 BE060	MB111A1*x DE060	MD111A1*x GE060
7	G11B 4 Cyl. OHC 1244 cc. 69.5 x 82	Lancer 1200 11/81-	MA111G1 BE060	MB111A1*x DE060	MD111B1*x GE061
8	G12B 4 Cyl. OHC 1410 cc. 74 x 82	Lancer 1400 1978-10/81 Mirage 1400 1978-8/81	MA112G1 BE070	MB112C1*x DE070	MD112A1*x GE070
9	G12B 4 Cyl. OHC 1410 cc. 74 x 82	Lancer 1400 11/81-1/83 Mirage 1400 9/81-1/83	MA112G1 BE070	MB112C1*x DE070	MD112B1*x GE071
10	G12B 4 Cyl. OHC 1410 cc. 74 x 82	Lancer 1400 2/83- Tredia 1400 2/83-	MA112G1 BE070	MB112C1*x DE070	MD112C1*x GE072
11	G13B 4 Cyl. OHC 1298 cc. 71 x 82	Lancer 1300 10/83- Proton Saga 1300 1985-	MA132G1 BN330	MB132A1*x DN330 or MB132A2*x DN331	MD132A1*x GN330 or MD132A2*x GN331
12	G13B 4 Cyl. OHC 1298 cc. 71 x 82	Lancer 1300 1/86-9/87	MA132G1 BN330	MB132B1*x DN332	MD132B1*x GN332

## Mitsubishi

Line	Engine	Model	Cylinder Head	Head Set	Full Set
13	<b>G15B</b> 4 Cyl. OHC 1468 cc. 75.5 x 82	Lancer 1500 10/83-85 Proton Saga 1500 1985-	MA131G1 BN230	MB131A1*x DN230 or MB131A2*x DN231	MD131A1*x GN230 or MD131A2*x GN231
14	<b>G15B</b> 4 Cyl. OHC 1468 cc. 75.5 x 82	Lancer 1500 1989-	MA141G1 BT430		MD141B1*x GT431
15	<b>4G15</b> 4 Cyl. OHC 1468 cc. 75.5 x 82	Mirage 1500 1989-5/90	MA141G1 BT430	MB141B1*x DT431	MD141B1*x GT431
16	<b>4G15</b> 4 Cyl. OHC 1468 cc. 75.5 x 82	Mirage 1500 Proton Saga 1500 5/90-	MA141G1 BT430	MB141A1*x DT430	MD141A1*x GT430
17	<b>4G15</b> 4 Cyl. DOHC 1468 cc. 75.5 x 82	Lancer 1500 Mirage 1500	MA162M1 AF5470	MB162B1*x CF5470	MD162B1*x
18	<b>4G18</b> 4 Cyl. OHC 1584 cc.	Lancer 1600 Proton Waja 1600 2000-	MA167M1		
19	<b>4G30</b> 4 Cyl. OHC 1289 cc. 73 x 77	Galant 1300 1969-71	MA104G1 AX470	MB104A1* CX470	MD104A1*x FX470
20	<b>G32B</b> 4 Cyl. OHC 1597 cc. With balanced shafts 76.9 x 86	Galant 1600 Lancer 1600 Sigma 1600 1978	MA108G1 BD040	MB108B1*x DD041	MD108B1*x GD041
21	<b>G32B</b> 4 Cyl. OHC 1597 cc. With balanced shafts 76.9 x 86	Galant 1600 Lancer 1600 Sigma 1600 1979-8/81	MA108G1 BD040	MB108C1*x DD042	MD108C1*x GD042
22	<b>G32B</b> 4 Cyl. OHC 1597 cc. 76.9 x 86	Cordia 1600 Galant 1600 Mirage 1600 Sapporo 1600 9/81-84	MA120G1 BK410	MB120A1*x DK410	MD120A1*x GK410
23	<b>G32B</b> 4 Cyl. OHC 1597 cc. With balanced shafts 76.9 x 86	Galant 1600 Lancer 1600 Sigma 1600 9/81-84	MA120G1 BK410	MB120A1*x DK410	MD120B1*x GK411
24	<b>G32B</b> 4 Cyl. OHC 1597 cc. With balanced shafts 76.9 x 86	Galant 1600 Sigma 1600 1984-	MA120G1 BK410	MB120D1*x DK412	MD120D1*x GK413

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Line	Engine	Model	Cylinder Head	Head Set	Full Set
25	<b>G32B</b> 4 Cyl. OHC 1597 cc. 76.9 x 86	Cordia 1600 Turbo Tredia 1600 Turbo 2/82-5/83	MA120G1 BK410	MB120E1*x DK413	MD120E1*x GK414
26	<b>4G32</b> 4 Cyl. OHC 1597 cc. 76.9 x 86	Galant 1600 Lancer 1600 1970-9/75	MA102G1 AJ690	MB102A1* CJ690	MD102A1*x FJ690
27	<b>4G32</b> 4 Cyl. OHC 1597 cc. 76.9 x 86	Galant 1600 Lancer 1600 1976	MA106G1 BD010	MB106A1* DD010	MD106A1*x GD011
28	<b>4G32</b> 4 Cyl. OHC 1597 cc. With balanced shafts 76.9 x 86	Lancer 1600 Sigma 1600 1977	MA108G1 BD040	MB108A1*x DD040	MD108A1*x GD040
29	<b>G33B</b> 4 Cyl. OHC 1439 cc. 73 x 86	Lancer 1400 9/81-84	MA121G1 BK420	MB121A1*x DK420	MD121A1*x GK420
30	<b>4G33</b> 4 Cyl. OHC 1439 cc. 73 x 86	Galant 1400 Lancer 1400 1972-9/75	MA104G1 AX470	MB104A1* CX470	MD104A1*x FX470
31	<b>4G33</b> 4 Cyl. OHC 1439 cc. 73 x 86	Galant 1400 Lancer 1400 11/76-7/77	MA107G1 BD020	MB107A1* DD020	MD107B1*x GD021
32	<b>4G33</b> 4 Cyl. OHC 1439 cc. 73 x 86	Lancer 1400 8/77-9/78	MA110G1 BD980	MB110A1* DD980	MD110A1*x GD980
33	<b>4G33</b> 4 Cyl. OHC 1439 cc. 73 x 86	Lancer 1400 L300 1400 10/78-8/81	MA110G1 BD980	MB110B1* DD981	MD110B1*x GD981
34	<b>4G33</b> 4 Cyl. OHC 1439 cc. 73 x 86	Delica 1400 L300 1400 9/81-84	MA121G1 BK420	MB121A1*x DK420	MD121A1*x GK420
35	<b>G36B</b> 4 Cyl. OHC 1238 cc. 73 x 74	Lancer 1200 9/81-84	MA121G1 BK420	MB121A1*x DK420	MD121A1*x GK420
36	<b>4G36</b> 4 Cyl. OHC 1238 cc. 73 x 74	Lancer 1200 11/76-7/77	MA107G1 BD020	MB107A1* DD020	MD107B1*x GD021
37	<b>4G36</b> 4 Cyl. OHC 1238 cc. 73 x 74	Lancer 1200 8/77-9/78	MA110G1 BD980	MB110A1* DD980	MD110A1*x GD980
38	<b>4G36</b> 4 Cyl. OHC 1238 cc. 73 x 74	Lancer 1200 10/78-8/81	MA110G1 BD980	MB110B1* DD981	MD110B1*x GD981

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Line	Engine	Model	Cylinder Head	Head Set	Full Set
39	<b>G37B</b> 4 Cyl. OHC 1755 cc. With balanced shafts 80.6 x 86	Galant 1800 Space Wagon 1800 Tredia 1800 9/84-1/87	MA128F1 BM830	MB128A1*x DM830	MD128A1*x GM830
40	<b>G37B</b> 4 Cyl. OHC 1755 cc. 80.6 x 86	Tredia 1800 1/87-	MA128F1 BM830	MB128B1*x DM831	MD128B1*x GM831
41	<b>4G52</b> 4 Cyl. OHC 1995 cc. 84 x 90	Canter 2000 1976-77	MA105G1 BC970	MB105A1* DC971	MD105A1*x GC971
42	<b>4G52</b> 4 Cyl. OHC 1995 cc. 84 x 90	Galant 2000 Sapporo 2000 Sigma 2000 1978-80	MA105G1 BC970	MB105B1* DC972	MD105B1*x GC972
43	<b>4G52</b> 4 Cyl. OHC 1995 cc. 84 x 90	L200 2000 1981	MA105G1 BC970	MB105B1* DC972	MD105B1*x GC972
44	<b>G54B</b> 4 Cyl. OHC 2555 cc. 91.1 x 98	Sapporo 2600 1977-80	MA109G1 BD900	MB109A1* DD900	MD109A1*x GD900
45	<b>G54B</b> 4 Cyl. OHC 2555 cc. 91.1 x 98	Sapporo 2600 1981-82	MA118G1 BJ890	MB118B1*x DJ892	MD118B1*x GJ892
46	<b>G54B</b> 4 Cyl. OHC 2555 cc. 91.1 x 98	Sapporo 2600 1983	MA118G1 BJ890	MB118A1*x DJ891	MD118A1*x GJ891
47	<b>G54B</b> 4 Cyl. OHC 2555 cc. 91.1 x 98	Sapporo 2600 1984-	MA118G1 BJ890	MB118C1*x DJ894	MD118C1*x GJ893
48	<b>G54B</b> 4 Cyl. OHC 2555 cc. 91.1 x 98	Pajero 2600 1984- Starion 2600 1983-87	MA118G1 BJ890	MB118D1*x DJ898	MD118D1*x GJ897
49	<b>G54B</b> 4 Cyl. OHC 2555 cc. 91.1 x 98	Starion 2600 Turbo 3/88-	MA134G1 BR640	MB134A1*x DR640	MD134A1*x GR640
50	<b>4G61</b> 4 Cyl. DOHC 1595 cc. 82.3 x 75	Mirage 1600 1989-90	MA138G1 BS240	MB138B1*x DS241	MD138B1*x GS241
51	<b>G62B</b> 4 Cyl. OHC 1795 cc. With balanced shafts 80.6 x 88	Galant 1800 Turbo 9/81-5/83	MA126G1 BL450	MB126B1*x DL451	MD126B1*x GL451

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Line	Engine	Model	Cylinder Head	Head Set	Full Set
52	<b>G62B</b> 4 Cyl. OHC 1795 cc. With balanced shafts 80.6 x 88	Tredia 1800 1982-7/84	MA126G1 BL450	MB126A1*x DL450	MD126A1*x GL450
53	<b>G62B</b> 4 Cyl. OHC 1795 cc. With balanced shafts 80.6 x 88	Galant 1800 Turbo 6/83-12/85	MA126G1 BL450	MB126C1*x DL452	MD126C1*x GL452
54	<b>G63B</b> 4 Cyl. OHC 1997 cc. With balanced shafts 85 x 88	Galant 2000 Sapporo 2000 Sigma 2000 -10/80	MA114G1 BH060	MB114A1*x DH060	MD114A1*x GH060
55	<b>G63B</b> 4 Cyl. OHC 1997 cc. With balanced shafts 85 x 88	Galant 2000 Turbo Space Wagon 2000 Turbo Starion 2000 Turbo 1985-	MA114G1 BH060	MB114E1*x DH064	MD114E1*x GH064
56	<b>G63B</b> 4 Cyl. OHC 1997 cc. With balanced shafts 85 x 88	Pajero 2000 Turbo 5/85-	MA114G1 BH060	MB114D1*x DH063	MD114D1*x GH063
57	<b>4G63</b> 4 Cyl. OHC 1997 cc. With balanced shafts 85 x 88	Galant 2000 Turbo 1988-	MA136G1 BS120	MB136A1*x DS120	MD136A1*x GS120
58	<b>4G63</b> 4 Cyl. OHC 1997 cc. 85 x 88	Delica 2000 1992-	MA151G1 AY380	MB151A1*x CY380	MD151A1*x FY380
59	<b>4G63</b> 4 Cyl. OHC 1997 cc. 85 x 88	Chariot 2000 Space Wagon 2000 6/92-9/97	MA153G1 AA5390	MB153A1*x CA5390	MD153A1*x FA5390
60	<b>4G63</b> 4 Cyl. OHC 1997 cc. 85 x 88	Chariot 2000 Space Wagon 2000 6/92-9/97	MA153G1 AG5140		
61	<b>G64B</b> 4 Cyl. OHC 2350 cc. With balanced shafts 86.5 x 100	Galant 2400 1985-	MA142G1 BT880	MB142A1*x DT880	MD142A1*x GT880
62	<b>G64B</b> 4 Cyl. OHC 2350 cc. With balanced shafts 86.5 x 100	Delica 2400 5/92-	MA142G1 BT880	MB142B1*x DT882	MD142B1*x GT882
63	<b>G64B</b> 4 Cyl. OHC 2350 cc. With balanced shafts 86.5 x 100	Delica 2400 1995-	MA154G1 AE5230		



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Line	Engine	Model	Cylinder Head	Head Set	Full Set
64	<b>4G64</b> 4 Cyl. OHC 2350 cc. With balanced shafts 86.5 x 100	Chariot 2400 5/93-	MA147G1 BV550	MB147A1*x DV550	MD147A1*x GV550
65	<b>4G91</b> 4 Cyl. DOHC 1496 cc. 78.4 x 77.5	Lancer 1500 7/91-11/95	MA143G1 AA5060	MB143B1*x CA5060	MD143B1*x FA5060
66	<b>4G92</b> 4 Cyl. OHC 1597 cc. 81 x 77.5	Lancer 1600 Proton Wira 1600 1992-	MA143G1 BT890	MB143A1*x DT890	MD143A1*x GT890
67	<b>4G92</b> 4 Cyl. DOHC 1597 cc. 81 x 77.5	Lancer 1600 7/91-8/95	MA143G1 AA5060	MB143C1*x CA5061	MD143C1*x FA5061
68	<b>4G93</b> 4 Cyl. OHC 1834 cc. 81 x 89	Galant 1800 2/92-8/96	MA143G1 BT890	MB143E1*x DT892	MD143E1*x GT892
69	<b>4G93</b> 4 Cyl. DOHC 1834 cc. 81 x 89	Lancer 1800 1991-	MA143G1 BT890	MB143D1*x DT891	MD143D1*x GT891
70	<b>4G93</b> 4 Cyl. DOHC 1834 cc. 81 x 89	Mirage 1800 Carisma 1800 6/96-4/97	MA168M1		
71	<b>6G72</b> V6 Cyl. OHC 2972 cc. 91.1 x 76	Diamante 3000 1990-92 Galant 3000 1987-	MA133G1 (2) BR600 (2)	MB133A1*x DR600	MD133A1*x GR600
72	<b>6G72</b> V6 Cyl. OHC 2972 cc. 91.1 x 76	Pajero 3000 1989-91	MA133G1 (2) BR600 (2)	MB133B1*x DR601	MD133B1*x GR601
73	<b>6G72</b> V6 Cyl. DOHC 2972 cc. 91.1 x 76	3000GT 3000 1990-92	MA145G1 (2) BV010 (2)	MB145A1*x DV010	MD145A1*x GV010
74	<b>6G72</b> V6 Cyl. DOHC 2972 cc. 91.1 x 76	3000GT 3000 Turbo 1990-92	MA145G1 (2) BV010 (2)	MB145B1*x DV011	MD145B1*x GV011
75	<b>4D30</b> 4 Cyl. Diesel 3298 cc. 100 x 105	Canter 3300 10/78-9/82	MA117G1 BJ670	MB117A1* DJ670	MD117A1* GJ670
76	<b>4D30A</b> 4 Cyl. Diesel 3298 cc. 100 x 105	Canter 3300 1980-7/82	MA117G1 BJ670	MB117B1* DJ671	MD117B1* GJ671
77	<b>4D30</b> 4 Cyl. Diesel 3298 cc. 100 x 105	Canter 3300 10/82-	MA129M1 BM890	MB129A1* DM890	MD129A1*x GM890

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Line	Engine	Model	Cylinder Head	Head Set	Full Set
78	4D31 4 Cyl. Diesel 3298 cc. 100 x 105	Canter 3300 12/83-	MA129M1 BM890	MB129C1* DM892	MD129C1*x GM892
79	4D31T 4 Cyl. Diesel 3298 cc. 100 x 105	Canter 3300 Turbo 8/87-	MA129M1 BM890	MB129B1* DM891	MD129B1*x GM891
80	4D55T 4 Cyl. Diesel 2346 cc. With balanced shafts 91.1 x 90	Sigma 2300 Turbo 1981	MA116G1 BJ600	MB116A1*x DJ600	MD116A1*x GJ600
81	4D55T 4 Cyl. Diesel 2346 cc. With balanced shafts 91.1 x 90	Sigma 2300 Turbo Pajero 2300 Turbo 1982- L200 2300 Turbo L300 2300 Turbo 1983	MA116G1 BJ600	MB116B1*x DJ601	MD116B1*x GJ601
82	4D56 4 Cyl. Diesel 2477 cc. With balanced shafts 91.1 x 95	Delica 2500 L300 2500 Pajero 2500 3/86-	MA116G1 BJ600	MB116A1*x DJ600	MD116A1*x GJ600
83	4D56T 4 Cyl. Diesel 2477 cc. With balanced shafts 91.1 x 95	Pajero 2500 Turbo 3/86-	MA137G1 BS130	MB137A1*x DS130	MD137A1*x GS130
84	4D56T 4 Cyl. Diesel 2477 cc. With balanced shafts 91.1 x 95	Delica 2500 Turbo Pajero 2500 Turbo 5/93-3/94	MA163G1 or MA164G1 or MA165G1		
85	4D56T 4 Cyl. Diesel 2477 cc. With balanced shafts 91.1 x 95	Delica 2500 Turbo Pajero 2500 Turbo 4/94-6/99	MA165G1 or MA137G1 or MA166G1		
86	4D56T 4 Cyl. Diesel 2477 cc. 91.1 x 95	Triton 1 ton Pick Up	MA196M1	MB196A1*x	
87	4D65 4 Cyl. Diesel 1795 cc. With balanced shafts 80.6 x 88	Lancer 1800 Mirage 1800 10/83-	MA130G1 BN220	MB130A1*x DN220	MD130A1*x GN220
88	4D65T 4 Cyl. Diesel 1795 cc. With balanced shafts 80.6 x 88	Galant 1800 Turbo Sigma 1800 Turbo 5/85-8/87 Space Wagon 1800 Turbo 9/94-	MA130G1 BN220	MB130B1*x DN221	MD130B1*x GN221

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Line	Engine	Model	Cylinder Head	Head Set	Full Set
89	4DR5 4 Cyl. Diesel 2659 cc. 92 x 100	Canter 2700 Rosa Bus 2700 1971-6/81	MA113F1 BE410	MB113A1 DE410	MD113A1 GE410
90	4DR5 4 Cyl. Diesel 2659 cc. 92 x 100	Canter 2700 7/81-	MA127G1 BM750	MB127A1* DM750	MD127A1*x GM750
91	6D14 6 Cyl. Diesel 6557 cc. 110 x 115	Truck & Bus 6600 1976-82	MA122F1 BK560 or MA122F2	MB122A1 DK560	MD122A1 GK560 or MD122A2
92	6D14-2ATT 6 Cyl. Diesel 6557 cc. 110 x 115	Truck & Bus 6600 Turbo 10/87-	MA199F1		
93	6D14T 6 Cyl. Diesel 6557 cc. 110 x 115	Truck & Bus 6600 Turbo 3/82-2/84	MA122F1 BK560 or MA122F2	MB122C1* DK562	MD122C1*x GK562
94	6D14T 6 Cyl. Diesel 6557 cc. 110 x 115	Truck & Bus 6600 Turbo 2/84-	MA122F1 BK560 or MA122F2	MB122D1* DK563	MD122D1*x GK563 or MD122D2*x
95	6D15 6 Cyl. Diesel 6919 cc. 113 x 115	Truck & Bus 6900 8/82-	MA135F1 BS040	MB135A1* DS040	MD135A1*x ! GS040
96	6D15 6 Cyl. Diesel 6919 cc. 113 x 115	Truck & Bus 6900	MA201F1		
97	6D15 6 Cyl. Diesel 6919 cc. 113 x 115	Truck & Bus 6900 1990-95	MA202F1		
98	6D16 6 Cyl. Diesel 7545 cc. 118 x 115	Truck & Bus 7500 2/89-12/89	MA144F1 BT940	MB144A1* DT940	MD144A1*x ! GT940
99	6D16 6 Cyl. Diesel 7545 cc. 118 x 115	Truck & Bus 7500 1/90-10/92	MA200F1		
100	6D16 6 Cyl. Diesel 7545 cc. 118 x 115	Truck & Bus 7500 10/92-9/93	MA203F1		

## Mitsubishi

Line	Engine	Model	Cylinder Head	Head Set	Full Set
101	6D17 6 Cyl. Diesel 8201 cc. 118 x 125	Truck & Bus 8200	MA204F1		
102	6D20 6 Cyl. Diesel 10308 cc. 125 x 140	Truck & Bus 10300 9/79-1/80	MA146M1 (6) BV280 (6)	MB146A1 DV280	MD146A1 GV280
103	6D22A 6 Cyl. Diesel 11149 cc. 130 x 140	Truck & Bus 11100 1984-	MA139M1 (6) BS640 (6)	MB139A1* DS641	MD139A1*x ! GS641
104	6D22T 6 Cyl. Diesel 11149 cc. 130 x 140	Truck & Bus 11100 1985-	MA139M1 (6) BS640 (6)	MB139A1* DS641	MD139A1*x ! GS641
105	6D31T 6 Cyl. Diesel 4948 cc. 100 x 105	Truck & Bus 4900 1989-	MA205M1		
106	6D34T 6 Cyl. Diesel 5861 cc. 104 x 115	Truck & Bus 5900	MA206M1		
107	6D40 V6 Cyl. Diesel 12023 cc. 135 x 140	Truck & Bus 12000 1991-99	MA210M1 (2)		
108	6DR5 6 Cyl. Diesel 3988 cc. 92 x 100	Rosa Bus 4000 1980-	MA157G1 BW550	MB157A1 DW550	MD157A1 GW550
109	6DS3 6 Cyl. Diesel 5103 cc. 95 x 120	Truck & Bus 5100 1972-76	MA119F1 BJ990	MB119A1* DJ990	MD119A1 GJ990
110	6DS5 6 Cyl. Diesel 4978 cc. 98 x 110	Truck & Bus 5000 1970-72	MA119F1 BJ990	MB119A1* DJ990	MD119A1 GJ990
111	6DS7 6 Cyl. Diesel 5430 cc. 98 x 120	Truck & Bus 5400 1973-10/77	MA119F1 BJ990	MB119A1* DJ990	MD119A1 GJ990
112	8DC6 V8 Cyl. Diesel 14886 cc. 135 x 130	Truck & Bus 14900 1972-73	MA123F1 (2) BK860 (2)	MB123A1 DK860	MD123A1 GK860
113	8DC8 V8 Cyl. Diesel 14886 cc. 135 x 130	Truck & Bus 14900 1976-	MA125T1 (2) BL050 (2)	MB125A1 DL050	MD125A1x! GL050
114	8DC9 V8 Cyl. Diesel 16031 cc. 135 x 140	Truck & Bus 16000 1979-83	MA140F1 (2) BS930 (2)	MB140A1 DS930	MD140A1 GS930
115	8DC11 V8 Cyl. Diesel 17737 cc. 142 x 140	Truck & Bus 17700 1989-05	MA207F1 (2)		

## Mitsubishi

Line	Engine	Model	Cylinder Head	Head Set	Full Set
116	10DC6 / 10DC8 V10 Cyl. Diesel 22171 cc.	Truck & Bus 22200	MA197F1 (2)		
117	10DC11 V10 Cyl. Diesel 22171 cc.	Truck & Bus 22200	MA208F1 (2)		
118	4M40 4 Cyl. Diesel 2835 cc. 95 x 100	Ind. Engine MTJS 2800 12/95-10/96	MA152G1 AA5020	MB152B1 CA5020	MD152B1 FA5020
119	4M40 4 Cyl. Diesel 2835 cc. 95 x 100	Ind. Engine CZJA 2800 12/95-10/96	MA152G1	MB152D1	MD152D1
120	4M40 4 Cyl. Diesel 2835 cc. 95 x 100	Pajero 2800 1993-	MA152G1	MB152C1	MD152C1
121	4M40T 4 Cyl. Diesel 2835 cc. 95 x 100	Pajero 2800 Turbo 1993-	MA152G1	MB152A1	MD152A1
122	8M20 V8 Cyl. Diesel 20089 cc.	Truck & Bus 20100 9/91-5/93	MA212F1 (2)		
123	8M20 V8 Cyl. Diesel 20089 cc.	Truck & Bus 20100 5/93-7/96	MA211F1 (2)		
124	S4K 4 Cyl. Diesel 4429 cc. 102 x 130	Tractor 4400	MA198N1		
125	S6K V6 Cyl. Diesel 6373 cc. 102 x 130	Tractor 6400	MA194M1 (2)		

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Line	Engine	Model	Cylinder Head	Head Set	Full Set
1	A10 4 Cyl. OHV 988 cc. 73 x 59	Sunny 1000 1973-75	NA104F1 AJ130	NB104A1* CJ130	ND104A1*x FJ130
2	A10 4 Cyl. OHV 988 cc. 73 x 59	Cherry 1000 1972-78	NA104F1 AJ130	NB104A1* CJ130	ND104B1*x FJ135

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Line	Engine	Model	Cylinder Head	Head Set	Full Set
3	A12 4 Cyl. OHV 1171 cc. 73 x 70	Sunny 1200 1973-75	NA104F1 AJ130	NB104A1* CJ130	ND104A1*x FJ130
4	A12 4 Cyl. OHV 1171 cc. 73 x 70	Cherry 1200 1972-78	NA104F1 AJ130	NB104A1* CJ130	ND104B1*x FJ135
5	A12 4 Cyl. OHV 1171 cc. 73 x 70	Sunny 1200 1976-80	NA141G1 BN170	NB141A1* DN170	ND141A1*x GN170
6	A14 4 Cyl. OHV 1397 cc. 76 x 77	210 1400 1974-80 310 1400 Sunny 1400 1974-79	NA113G1 BC270	NB113A1* DC270	ND113A1*x GC270
7	A14 4 Cyl. OHV 1397 cc. 76 x 77	Cherry 1400 Sunny 1400 1979-	NA113G1 BC270	NB113F1* DC274	ND113F1*x GC276
8	A14 4 Cyl. OHV 1397 cc. 76 x 77	210 1400 1981-82	NA113G1 BC270	NB113E1* DC273	ND113E1*x GC275
9	A15 4 Cyl. OHV 1488 cc. 76 x 82	210 1500 1974-80 310 1500 1974-79	NA113G1 BC270	NB113A1* DC270	ND113A1*x GC270
10	A15 4 Cyl. OHV 1488 cc. 76 x 82	210 1500 1981-82 310 1500 1981-	NA113G1 BC270	NB113E1* DC273	ND113E1*x GC275
11	A15 4 Cyl. OHV 1488 cc. 76 x 82	Sunny 1500 1981-	NA128G1 BK750	NB128A1* DK750	ND128A1*x GK750
12	CA16D 4 Cyl. DOHC 1598 cc. 78 x 83.6	Pulsar 1600 Sunny 1600 1987-	NA151G1 BR240	NB151A1*x DR240	ND151A1*x GR240
13	CA18 4 Cyl. OHC 1809 cc. 83 x 83.6	Stanza 1800 8/81-1/83	NA130G1 BK840	NB130A1*x DK840	ND130A1*x GK840
14	CA18 4 Cyl. OHC 1809 cc. 83 x 83.6	Bluebird 1800 7/86-	NA138G1 BM590	NB138G1*x DM596	
15	CA18D 4 Cyl. DOHC 1809 cc. 83 x 83.6	Skyline 1800 1986-	NA156G1 BS050	NB156A1*x DS050	ND156A1*x GS050

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Line	Engine	Model	Cylinder Head	Head Set	Full Set
16	CA18ET 4 Cyl. OHC 1809 cc. 83 x 83.6	Bluebird 1800 Turbo 12/85-7/86	NA138G1 BM590	NB138D1*x DM593	
17	CA18S 4 Cyl. OHC 1809 cc. 83 x 83.6	Prairie 1800 7/83-2/85	NA138G1 BM590	NB138J1*x DM598	ND138J1*x GM598
18	CA18S 4 Cyl. OHC 1809 cc. 83 x 83.6	Bluebird 1800 12/85-6/86	NA130G1 BK840	NB130D1*x DK843	ND130D1*x GK843
19	CA18T 4 Cyl. OHC 1809 cc. 83 x 83.6	200SX 1800 Turbo 10/83-	NA138G1 BM590	NB138A1*x DM590	ND138A1*x GM590
20	CA20E 4 Cyl. OHC 1974 cc. 84.5 x 88	Stanza 2000 10/83-6/86	NA139G1 BM760	NB139A1*x DM760	ND139A1*x GM760
21	CA20E 4 Cyl. OHC 1974 cc. 84.5 x 88	Stanza 2000 7/86-87	NA139G1 BM760	NB139C1*x DM762	ND139C1*x GM72
22	CA20E 4 Cyl. OHC 1974 cc. 84.5 x 88	Bluebird 2000 7/86-87	NA139G1 BM760	NB139F1*x DM765	ND139F1*x GM765
23	CA20E 4 Cyl. OHC 1974 cc. 84.5 x 88	Bluebird 2000 Stanza 2000 1988-	NA139G1 BM760	NB139G1*x DM766	ND139G1*x GM766
24	CA20E 4 Cyl. OHC 1974 cc. 84.5 x 88	Silvia 2000 1986-	NA139G1 BM760	NB139E1*x DM764	ND139E1*x GM764
25	CA20P/S 4 Cyl. OHC 1974 cc. 84.5 x 88	Cedric 2000 6/83-6/85	NA139G1 BM760	NB139D1*x DM763	ND139D1*x GM763
26	CD17 4 Cyl. Diesel 1681 cc. 80 x 83.6	Sunny 1700 10/82-85 Sentra 1700 1982	NA145G1 BP580	NB145B1*x DP581	
27	CD17 4 Cyl. Diesel 1681 cc. 80 x 83.6	Pulsar 1700 Sunny 1700 1986- Sentra 1700 1983-87	NA145G1 BP580	NB145A1*x DP580	ND145A1*x GP580
28	CD20 4 Cyl. Diesel 1974 cc. 84.5 x 88	Vanette 2000 5/90-8/93	NA172M1 BW420	NB172A1*x DW420	ND172A1*x GW420

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Line	Engine	Model	Cylinder Head	Head Set	Full Set
29	CD20 / T 4 Cyl. Diesel 1974 cc. 84.5 x 88	Bluebird 2000 / 2000 Turbo 3/98- Pulsar 2000 / 2000 Turbo 10/99-	NA220M1 AD5280 or NA221M1 AD5281		
30	E10 4 Cyl. OHC 988 cc. 73 x 59	100A 1000 1980-84	NA122F1 BJ690	NB122A1*x DJ690	ND122A1*x GJ690
31	E13 4 Cyl. OHC 1270 cc. 76 x 70	Cherry 1300 1983-4/84 Pulsar 1300 Sunny 1300 5/82-12/82	NA124G1 BK440	NB124B1*x DK441	ND124B1*x GK441
32	E13 4 Cyl. OHC 1270 cc. 76 x 70	Cherry 1300 5/84- Pulsar 1300 1983-2/87 Sunny 1300 1983-	NA124G1 BK440	NB124E1*x DK444	ND124E1*x GK444
33	E15 4 Cyl. OHC 1488 cc. 76 x 82	Pulsar 1500 Sentra 1500 Sunny 1500 1980-11/83	NA124G1 BK440	NB124A1*x DK440	ND124A1*x GK440
34	E16 4 Cyl. OHC 1597 cc. 76 x 88	Pulsar 1600 Sentra 1600 1982-84	NA124G1 BK440	NB124A1*x DK440	ND124A1*x GK440
35	E16 4 Cyl. OHC 1597 cc. 76 x 88	Pulsar 1600 1985-86	NA124G1 BK440	NB124K1*x DK449	ND124K1*x GK44A
36	FD6 6 Cyl. Diesel 5654 cc. 100 x 120	Truck & Bus 5700 1979-80	NA121T1 BJ390	NB121B1* DJ391	ND121B1*x! GJ391
37	FD6 6 Cyl. Diesel 5654 cc. 100 x 120	Truck & Bus 5700 1980-	NA121T1 BJ390	NB121C1* DJ392	ND121C1*x! GJ392
38	FD33 / FD33T 4 Cyl. Diesel 3298 cc. 100 x 105	Civilian 3300 Civilian 3300 Turbo Atlas 3300 Atlas 3300 Turbo 12/83-	NA212T1		
39	FD35 / FD35T 4 Cyl. Diesel 3465 cc.	Atlas 3500 Atlas 3500 Turbo 11/86-5/89	NA213M1		
40	FD46 6 Cyl. Diesel 4617 cc.	Truck & Bus 4600 12/98-	NA201M1		



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Line	Engine	Model	Cylinder Head	Head Set	Full Set
41	FE6 / FE6T 6 Cyl. Diesel 6925 cc.	Truck & Bus 6900 Truck & Bus 6900 Turbo 4/98-	NA208M1		
42	FJ20E 4 Cyl. DOHC 1990 cc. 89 x 88	Silvia 2000 1982-84	NA143G1 BN680	NB143A1* DN680	NB143A1*x GN680
43	GA14DS 4 Cyl. OHC 1392 cc.	Sunny 1400 1990-	NA146G1 BP950	NB146A1* DP950	ND146A1*x GP950
44	GA14S 4 Cyl. OHC 1392 cc.	Sunny 1400 7/88-	NA171G1 BV990	NB171A1* DV990	ND171A1*x GV990
45	GA15E 4 Cyl. OHC 1497 cc. 73.6 x 88	Sunny 1500 4/88-	NA171G1 BV990	NB171B1* DV991	ND171B1*x GV991
46	GA16 4 Cyl. OHC 1597 cc. 76 x 88	Pulsar 1600 Sentra 1600 7/88-	NA158G1 BS610	NB158B1* DS612	ND158B1*x GS612
47	GA16 4 Cyl. OHC 1597 cc. 76 x 88	Sunny 1600 1989-	NA158G1 BS610	NB158A1* DS610	ND158A1*x GS610
48	GA16DE 4 Cyl. DOHC 1597 cc. 76 x 88	Sentra 1600 Sunny 1600 1990-	NA147G1 BP960	NB147A1* DP960	ND147A1*x GP960
49	GA16DS 4 Cyl. DOHC 1597 cc. 76 x 88	Sentra 1600 Sunny 1600 1990-	NA148G1 BP970	NB148A1*x DP970	ND148A1*x GP970
50	H20 4 Cyl. OHV 1982 cc. 87.2 x 83	Cedric 2000 Caball 2000 Civilian Bus 2000 Clipper 2000 1967-4/75	NA103G1 AJ100	NB103A1* CJ101	ND103A1*x FJ101
51	H20 4 Cyl. OHV 1982 cc. 87.2 x 83	Cedric 2000 Caball 2000 Cabstar 2000 E20 Van 2000 Homer 2000 1975-	NA103G1 AJ100	NB103B1* CJ102	ND103B1*x FJ102
52	J13 4 Cyl. OHV 1299 cc. 73 x 77.6	Bluebird 1300 1970-79	NA102G1 AJ060		ND102A1*x FJ061
53	KA20DE 4 Cyl. DOHC 1998 cc. 86 x 86	Atlas 2000 Datsun 2000 Caravan 2000 6/99-	NA189G1 AD5620		

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Line	Engine	Model	Cylinder Head	Head Set	Full Set
54	KA24DE 4 Cyl. DOHC 2389 cc. 89 x 96	Altima 2400 1993-	NA170G1 BV310	NB170A1* DV310	ND170A1*x GV310
55	KA24DE 4 Cyl. DOHC 2389 cc. 89 x 96	Caravan 2400 6/99-	NA189G1 AD5620		
56	KA24E 4 Cyl. OHC 2389 cc. 89 x 96	240SX 2400 1989-90	NA160G1 BS770	NB160A1* DS770	ND160A1*x GS770
57	KA24E 4 Cyl. OHC 2389 cc. 89 x 96	Axxess 2400 1989-90	NA160G1 BS770	NB160B1* DS771	ND160B1*x GS771
58	L13 4 Cyl. OHC 1296 cc. 83 x 59.9	Bluebird 1300 1968-81	NA101F1 AJ050	NB101B1* CJ051	ND101B1*x FJ051
59	L14 4 Cyl. OHV 1428 cc. 83 x 66	Bluebird 1400 Violet 1400 1968-81	NA101F1 AJ050	NB101B1* CJ051	ND101B1*x FJ051
60	L16 4 Cyl. OHC 1595 cc. 83 x 73.7	Bluebird 1600 Violet 1600 1968-81	NA101F1 AJ050	NB101B1* CJ051	ND101B1*x FJ051
61	L16 4 Cyl. OHC 1595 cc. 83 x 73.7	Stanza 1600 1976-81	NA106G1 AJ490	NB106C1* CJ494	ND106C1*x FJ495
62	L18 4 Cyl. OHC 1770 cc. 85 x 78	Bluebird 1800 1972-81 Laurel 1800 Skyline 1800 1976-81	NA106G1 AJ490	NB106C1* CJ494	ND106C1*x FJ495
63	L24 6 Cyl. OHC 2393 cc. 83 x 73.7	Cedric 2400 Fairlady 2400 Skyline 2400 9/72-4/75	NA108G1 AJ580	NB108A1* CJ582	ND108A1*x FJ580
64	L24E 6 Cyl. OHC 2393 cc. 83 x 73.7	Laurel 2400 1980-84 Maxima 2400 Skyline 2400 1981-84	NA108G1 AJ580	NB108D1* CJ586	ND108D1*x FJ586
65	L26 6 Cyl. OHC 2565 cc. 83 x 79	Cedric 2600 Fairlady 2600 Skyline 2600 9/72-4/75	NA108G1 AJ580	NB108A1* CJ582	ND108A1*x FJ580

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Line	Engine	Model	Cylinder Head	Head Set	Full Set
66	L28E 6 Cyl. OHC 2753 cc. 86 x 79	Cedric 2800 1981-8/82	NA114G1 BC380	NB114D1* DC386	ND114D1*x GC385
67	LD20 4 Cyl. Diesel 1952 cc. 85 x 86	Bluebird 2000 11/80-10/83 Vanette 2000 10/81-4/83	NA132G1 BL310	NB132A1* DL310	ND132A1*x GL310
68	LD20 4 Cyl. Diesel 1952 cc. 85 x 86	Bluebird 2000 9/87- Vanette 2000 1/86-	NA153G1 BR360	NB153A1*x DR360	ND153A1*x GR360
69	LD20T 4 Cyl. Diesel 1952 cc. 85 x 86	Vanette 2000 Turbo 1987-	NA153G1 BR360	NB153C1*x DR362	ND153C1*x GR362
70	LD28 6 Cyl. Diesel 2793 cc. 84.5 x 83	Maxima 2800 1979-84	NA123G1 BK080	NB123A1* DK081	ND123A1*x GK081
71	MA10 4 Cyl. OHC 987 cc. 68 x 68	March 1000 1983-2/87	NA133G1 BL760	NB133A1*x DL760	ND133A1*x GL760
72	MA10 4 Cyl. OHC 987 cc. 68 x 68	March 1000 3/87-	NA133G1 BL760	NB133B1*x DL761	ND133B1*x GL761
73	MA12 4 Cyl. OHC 1235 cc.	Micra 1200 1984-4/90	NA149G1 BR160	NB149A1*x DR160	ND149A1*x GR160
74	MA12 4 Cyl. OHC 1235 cc.	Micra 1200 4/90-	NA149G1 BR160	NB149B1*x DR161	ND149B1*x GR161
75	NA16S 4 Cyl. OHC 1627 cc.	Atlas 1600 7/90- Datsun 1600 9/89-8/95	NA179F1 AY780		
76	NA20S 4 Cyl. OHC 1998 cc.	Atlas 2000 Datsun 2000 Caravan 2000 9/89-6/99	NA178F1 AY330		
77	ND6 6 Cyl. Diesel 6842 cc. 110 x 120	Truck & Bus 6800 1969-89	NA115T1 (2) BE380 (2)	NB115A1* DE380	ND115A1*x GE380
78	NE6T 6 Cyl. Diesel 7412 cc. 110 x 130	Truck & Bus 7400 Turbo 1986-	NA115T1 (2) BE380 (2)	NB115B1* DE382	ND115B1*x GE382

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Line	Engine	Model	Cylinder Head	Head Set	Full Set
79	P 6 Cyl. OHV 3956 cc. 85.7 x 114.3	Patrol 4000 6/80-7/82	NA105F1 AJ380		ND105B1*x FJ381
80	PD6 6 Cyl. Diesel 10308 cc. 125 x 140	Truck & Bus 10300 PT, PR 1969-	NA116T1 (2) BE910 (2)	NB116A1 DE910	ND116A1 GE910
81	PD6 6 Cyl. Diesel 10308 cc. 125 x 140	Truck & Bus 10300 CK, CW, TF, TK, U 1969-	NA116T1 (2) BE910 (2)	NB116A1 DE910	ND116B1x GE911
82	PD6T 6 Cyl. Diesel 10308 cc. 125 x 140	Truck & Bus 10300 Turbo 1972-	NA116T1 (2) BE910 (2)	NB116C1 DE913	ND116C1x GE913
83	PD6 / PD6T 6 Cyl. Diesel 10308 cc. 125 x 140	Truck & Bus 10300 Truck & Bus 10300 Turbo 1972-	NA192F1 (2) AE5700 (2)	NB192A1 CE5700	ND192A1x FE5700
84	PE6 6 Cyl. Diesel 11670 cc. 133 x 140	Truck & Bus 11700 1971-	NA126T1 (2) BK710 (2)	NB126A1* DK710	ND126A1*x GK710
85	PE6T 6 Cyl. Diesel 11670 cc. 133 x 140	Truck & Bus 11700 Turbo 1980-	NA126T1 (2) BK710 (2)	NB126B1 DK711	ND126B1x GK711
86	PE6 / PE6T 6 Cyl. Diesel 11670 cc. 133 x 140	Truck & Bus 11700 1971- Truck & Bus 11700 Turbo 1980-	NA193F1 (2) AE5710 (2)	NB193B1 CE5711	ND193B1x FE5711
87	PF6 / PF6T 6 Cyl. Diesel 12503 cc.	Truck & Bus 12500 11/92-3/95 Truck & Bus 12500 Turbo 2/92-2/95	NA202F1 (2)		
88	PF6T 6 Cyl. Diesel 12503 cc.	Truck & Bus 12500 Turbo 10/97-	NA210M1 (2)		
89	PG6 6 Cyl. Diesel 13337 cc.	Truck & Bus 13300 12/93-3/95	NA202F1 (2)		
90	PG6 6 Cyl. Diesel 13337 cc.	Truck & Bus 13300 10/97-	NA210M1 (2)		
91	QD32 4 Cyl. Diesel 3153 cc. 99.2 x 102	Elgrand 3200 Caravan 3200 597- Terrano 3200 8/96-	NA217M1 BZ380		

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Line	Engine	Model	Cylinder Head	Head Set	Full Set
92	QG16DE 4 Cyl. DOHC 1596 cc.	Sunny 1600 1999-	NA188M1 AB5630		
93	QR20DE 4 Cyl. DOHC 1998 cc. 89 x 80.3	Primera 2000 1/01-5/02 X-Trail 10/00-6/03	NA209M1	NB209C1*x	ND209C1*x
94	QR20DE 4 Cyl. DOHC 1998 cc. 89 x 80.3	Primera 2000 5/02-7/03 X-Trail 6/03-12/05	NA209M1	NB209D1*x	ND209D1*x
95	QR25DD 4 Cyl. DOHC 2488 cc. 89 x 100	Primera 2500 1/01-5/02	NA209M1	NB209A1*x	ND209A1*x
96	QR25DE 4 Cyl. DOHC 2488 cc. 89 x 100	Presage 2500 8/01-	NA209M1	NB209B1*x	ND209B1*x
97	RB20DT 6 Cyl. DOHC 1998 cc. 78 x 69.7	Laurel 2000 Turbo 1986-	NA175G1 BX070	NB175A1*x DX070	ND175A1*x GX070
98	RB20E 6 Cyl. OHC 1998 cc. 78 x 69.7	Skyline 2000 1987-	NA155G1 BR870	NB155A1*x DR870	ND155A1*x GR870
99	RB26DETT 6 Cyl. DOHC 2568 cc. 86 x 73.7	Skyline 2600 Turbo 1/95-8/98 Stagea 2600 Turbo 11/97-	NA182N1 AD5410		
100	RB30E 6 Cyl. OHC 2962 cc. 86 x 85	Skyline 3000 1987-	NA144G1 BP550	NB144A1*x DP550	ND144A1*x GP550
101	RD8 V8 Cyl. Diesel 14313 cc. 135 x 125	Truck & Bus 14300 1973-	NA125T1 (2) BK530 (2)	NB125A1* DK530	ND125A1*x! GK530
102	RD10 V10 Cyl. Diesel 17892 cc. 135 x 125	Truck & Bus 17900 1972-	NA127T1 (2) BK720 (2)	NB127A1* DK720	ND127A1*x! GK720
103	RD28 6 Cyl. Diesel 2825 cc. 85 x 83	Cedric 2800 6/87-6/93	NA174M1 BW620	NB174A1*x DW620	ND174A1*x GW620
104	RD28T 6 Cyl. Diesel 2825 cc. 85 x 83	Cedric 2800 Turbo 8/92-	NA167M1 BV250	NB167A1*x DV250	ND167A1*x GV250
105	RE8 V8 Cyl. Diesel 15115 cc. 135 x 132	Truck & Bus 15100 6/86-	NA125T1 (2) BK530 (2)	NB125B1* DK531	ND125B1*x! GK531

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Line	Engine	Model	Cylinder Head	Head Set	Full Set
106	RE8 V8 Cyl. Diesel 15115 cc. 135 x 132	Truck & Bus 15100 1989-	NA125F1 (2)		
107	RE10 V10 Cyl. Diesel 18894 cc. 135 x 132	Truck & Bus 18900	NA127T1 (2) BK720 (2)	NB127B1* DK721	ND127B1*x! GK721
108	RE10 V10 Cyl. Diesel 18894 cc. 135 x 132	Truck & Bus 18900 1/86-	NA203F1 (2)		
109	RF8 V8 Cyl. Diesel 16991 cc. 138 x 142	Truck & Bus 17000 1991-	NA200F1 (2)		
110	RF8 V8 Cyl. Diesel 16991 cc. 138 x142	Truck & Bus 17000 3/98-	NA207F1 (2)		
111	RF10 V10 Cyl. Diesel 21239 cc.	Truck & Bus 21200 6/86-	NA204F1 (2)		
112	RG8 V8 Cyl. Diesel 17990 cc.	Truck & Bus 18000 3/98-	NA207F1 (2)		
113	RH8 V8 Cyl. Diesel 21205 cc.	Truck & Bus 21200 5/94-	NA206F1 (2)		
114	RH10 V10 Cyl. Diesel 26507 cc.	Truck & Bus 26500 10/00-	NA205F1 (2)		
115	SD22 4 Cyl. Diesel 2164 cc. 83 x 100	Cedric 2200 Caball 2200 1970-1/76	NA110G1 AJ680	NB110A1* CJ680	ND110A1*x FJ680
116	SD22 4 Cyl. Diesel 2164 cc. 83 x 100	Cedric 2200 Homer 2200 6/77-7/78	NA135G1 BM290	NB135B1* DM291	ND135C1*x GM292
117	SD22 4 Cyl. Diesel 2164 cc. 83 x 100	Cedric 2200 Homer 2200 8/78-81 Pick-up 2200 6/77-7/80	NA135G1 BM290	NB135D1* DM292	ND135D1*x GM293
118	SD22 4 Cyl. Diesel 2164 cc. 83 x 100	Pick-up 2200 8/80-81	NA135G1 BM290	NB135E1* DM293	ND135E1*x GM294
119	SD22 4 Cyl. Diesel 2164 cc. 83 x 100	Homer 2200 Pick-up 2200 1982-3/83	NA135G1 BM290	NB135A1* DM290	ND135A1*x GM290

## Nissan

Line	Engine	Model	Cylinder Head	Head Set	Full Set
120	SD22 4 Cyl. Diesel 2164 cc. 83 x 100	Pick-up 2200 1985-	NA135G1 BM290	NB135F1* DM294	ND135F1*x GM295
121	SD22 4 Cyl. Diesel 2164 cc. 83 x 100	Fork Lift 2200	NA135G1 BM290	NB135G1* DM295	ND135G1*x GM296
122	SD23 4 Cyl. Diesel 2289 cc. 89 x 92	Cabstar 2300 Homer 2300 2/82-7/83	NA134G1 BL770	NB134A1* DL770	ND134A1*x GL770
123	SD23 4 Cyl. Diesel 2289 cc. 89 x 92	Pick-up 2300 11/83-7/85	NA137M1 BM580	NB137A1* DM580	ND137A1*x GM580
124	SD23 4 Cyl. Diesel 2289 cc. 89 x 92	Pick-up 2300 8/85-	NA137M1 BM580	NB137B1* DM581	ND137B1*x GM581
125	SD25 4 Cyl. Diesel 2488 cc. 89 x 100	Cabstar 2500 Homer 2500 2/82-7/83	NA134G1 BL770	NB134A1* DL770	ND134A1*x GL770
126	SD25 4 Cyl. Diesel 2488 cc. 89 x 100	Pick-up 2500 11/83-7/85	NA137M1 BM580	NB137A1* DM580	ND137A1*x GM580
127	SD25 4 Cyl. Diesel 2488 cc. 89 x 100	Pick-up 2500 8/85-	NA137M1 BM580	NB137B1* DM581	ND137B1*x GM581
128	SD33 6 Cyl. Diesel 3246 cc. 83 x 100	Patrol 3200 6/80-81	NA119G1 BJ360	NB119A1* DJ360	ND119A1*x GJ360
129	SD33 6 Cyl. Diesel 3246 cc. 83 x 100	Patrol 3200 7/82-	NA119G1 BJ360	NB119B1* DJ363	ND119B1*x GJ363
130	SD33T 6 Cyl. Diesel 3246 cc. 83 x 100	Patrol 3200 Turbo 8/83-	NA152M1 BR260	NB152A1* DR260	ND152A1*x GR260
131	SR20DE 4 Cyl. DOHC 1998 cc. 86 x 86	Bluebird 2000 1990-	NA164G1 BT050	NB164A1* DT050	ND164A1*x GT050
132	SR20DE 4 Cyl. DOHC 1998 cc. 86 x 86	Sentra 2000 8/90-	NA164G1 BT050	NB164B1* DT051	ND164B1*x GT051
133	SR20DE 4 Cyl. DOHC 1998 cc. 86 x 86	Vanette Serena 2000 2/92-6/99	NA183G1 AG5190		

## Nissan

Line	Engine	Model	Cylinder Head	Head Set	Full Set
134	SR20DET 4 Cyl. DOHC 1998 cc. 86 x 86	Silvia 2000 Turbo 6/96-1/99	NA190M1 AE5090		
135	TB42E 6 Cyl. OHV 4169 cc. 96 x 96	Safari 4200 10/90-	NA226M1 AF5600	NB226A1* CF5600	ND226A1*x FF5600
136	TB42S 6 Cyl. OHV 4169 cc. 96 x 96	Safari 4200 10/87-04/91	NA226M1 AF5600	NB226B1* CF5601	ND226B1*x
137	TD23 4 Cyl. Diesel 2289 cc. 89 x 92	Pick-up 2300 1986-	NA159M1 BS760	NB159A1* DS760	ND159A1* GS760
138	TD25 4 Cyl. Diesel 2494 cc. 92.9 x 92	Pick-up 2500 1986-	NA173M1 BW540	NB173A1* DW540	ND173A1*x GW540
139	TD27 4 Cyl. Diesel 2663 cc. 96 x 92	Pick-up 2700 8/86-	NA157M1 BS200	NB157A1* DS200	ND157A1*x GS200
140	TD27T 4 Cyl. Diesel 2663 cc. 96 x 92	Caravan 2700 10/88- Datsun 8/92-	NA216M1		
141	TD42 4 Cyl. Diesel 4169 cc. 96 x 96	Civilian 4200 5/88-8/95 Safari 10/87-8/95	NA181M1 BZ420		
142	TD42 4 Cyl. Diesel 4169 cc. 96 x 96	Civilian 4200 Safari 8/95-	NA211M1		
143	TD42T 4 Cyl. Diesel 4169 cc. 96 x 96	Civilian 4200 2/99-9/04 Safari 10/97-11/02	NA211M1		
144	VE30DE V6 Cyl. DOHC 2960 cc. 87 x 83	Maxima 3000 08/91-	NA168G1 & NA169G1 BV290 & BV300	NB168A1*x DV290	ND168A1*x GV290
145	VG30DET V6 Cyl. DOHC 2960 cc. 87 x 83	300ZX 3000 Turbo 1990	NA163G1 (2) BS910 (2)	NB163A1*x DS910	ND163A1*x GS910
146	VG30DTT V6 Cyl. DOHC 2960 cc. 87 x 83	Fairlady 3000 Turbo 7/89-8/92	NA163G1 (2) BS910 (2)	NB163B1*x DS911	ND163B1*x



## Nissan

Line	Engine	Model	Cylinder Head	Head Set	Full Set
147	VG30E V6 Cyl. OHC 2960 cc. 87 x 83	Cedric 3000 Fairlady 3000 Maxima 3000 7/83-87	NA136G1 (2) BM570 (2)	NB136A1*x DM570	ND136A1*x GM570
148	VG30ET V6 Cyl. OHC 2960 cc. 87 x 83	Cedric 3000 Turbo Fairlady 3000 Turbo 300ZX 3000 Turbo 1988-	NA136G1 (2) BM570 (2)	NB136E1*x DM574	ND136E1*x GM574
149	VG30i V6 Cyl. OHC 2960 cc. 87 x 83	Fairlady 3000 Pick-up 3000 1988-	NA136G1 (2) BM570 (2)	NB136C1*x DM572	ND136C1*x GM572
150	VH45D V8 Cyl. DOHC 4494 cc. 93 x 82.7	Infinity 4500 1990-	NA161G1 & NA162G1 BS830 & BS840	NB161A1* DS830	ND161A1*x GS830
151	VQ20DE V6 Cyl. DOHC 1995 cc. 76 x 73.3	Cefiro 2000 8/94-2/98	NA222F1 & NA223F1 AG8240 & AG8230		
152	VQ20DE V6 Cyl. DOHC 1995 cc. 76 x 73.3	Cefiro 2000 2/98-	NA224F1 & NA225F1 AG8220 & AG8210		
153	VQ30DE V6 Cyl. DOHC 2960 cc. 87 x 83	Cefiro 3000 8/94-1/97	NA186M1 & NA187M1 AB5060 & AB5070		
154	VQ35DE V6 Cyl. DOHC 3498 cc. 95.5 x 81.4	Elgrand 3500 8/00-	NA194M1 & NA195M1 AE5880 & AE5890		
155	Z16 4 Cyl. OHC 1595 cc. 83 x 73.7	Bluebird 1600 Skyline 1600 1978-3/80	NA140G1 BM820	NB140A1* DM820	ND140A1*x GM820
156	Z16E 4 Cyl. OHC 1595 cc. 83 x 73.7	Stanza 1600 Violet 1600 4/78-3/80	NA140G1 BM820	NB140A1* DM820	ND140A1*x GM820

## Nissan

Line	Engine	Model	Cylinder Head	Head Set	Full Set
157	Z16S 4 Cyl. OHC 1595 cc. 83 x 73.7	910 1600 Pick-up 1600 5/82-	NA140G1 BM820	NB140B1* DM821	ND140B1*x GM821
158	Z20S 4 Cyl. OHC 1952 cc. 85 x 86	Bluebird 2000 Laurel 2000 1982- Pick-up 2000 8/82-9/86	NA117G1 BG720	NB117C1* DG724	ND117C1*x GG724
159	Z20S 4 Cyl. OHC 1952 cc. 85 x 86	Pick-up 2000 10/86-	NA117G1 BG720	NB117D1* DG725	ND117D1*x GG725
160	Z22 4 Cyl. OHC 2187 cc. 87 x 92	Pick-up 2200 1981-82	NA118F1 BJ350	NB118A1* DJ351	ND118A1*x GJ351
161	Z24I 4 Cyl. OHC 2389 cc. 89 x 96	Vanette 2400 1988-	NA154G1 BR660	NB154B1* DR661	ND154B1*x GR661
162	ZD30DDT 4 Cyl. Diesel 2953 cc. 96 x 102	Elgrand 3000 Turbo Safari 3000 Turbo 8/99-	NA227M1 AF5740 or NA228M1 AF5750		
163	Z24S 4 Cyl. OHC 2389 cc. 89 x 96	Pick-up 720 2400 1983	NA131G1 BL260	NB131A1* DL260	ND131A1*x GL260
164	Z24S 4 Cyl. OHC 2389 cc. 89 x 96	Pick-up 720 2400 1984-	NA154G1 BR660	NB154C1* DR662	ND154C1*x GR662

## Subaru

Line	Engine	Model	Cylinder Head	Head Set	Full Set
1	EA63S H4 Cyl. OHV 1361 cc. 85 x 60	Subaru 1400 1973-76	RA101F1 (2) AX400 (2)	RB101A1* CX401	RD101A1*x FX401
2	EA65 H4 Cyl. OHV 1298 cc. 83 x 60	Subaru 1300 9/80-5/84	RA106F1 (2) BM340 (2)	RB106A1* DM340	RD106A1*x GM340
3	EA71 H4 Cyl. OHV 1595 cc. 92 x 60	Subaru 1600 1975-4/79	RA102F1 (2) BC640 (2)	RB102A1* DC640	RD102A1*x GC640

## Subaru

Line	Engine	Model	Cylinder Head	Head Set	Full Set
4	EA71 H4 Cyl. OHV 1595 cc. 92 x 60	Subaru 1600 5/79-84	RA104G1 (2) BG770 (2)	RB104A1* DG770	RD104A1*x GG770
5	EA81 H4 Cyl. OHV 1781 cc. 92 x 67	Subaru 1800 5/79-	RA103G1 (2) BG740 (2)	RB103A1* DG740	RD103A1*x GG740
6	EA82 H4 Cyl. OHC 1781 cc. 92 x 67	Subaru 1800 8/84-85	RA108G1 (2) BN550 (2)	RB108A1*x DN550	RD108A1*x GN550
7	EA82 H4 Cyl. OHC 1781 cc. 92 x 67	Subaru 1800 1986-87	RA108G1 (2) BN550 (2)	RB108B1*x DN551	RD108B1*x GN551
8	EA82 H4 Cyl. OHC 1781 cc. 92 x 67	Subaru 1800 1988-	RA108G1 (2) BN550 (2)	RB108C1*x DN552	RD108C1*x GN552
9	EA82 H4 Cyl. OHC 1781 cc. 92 x 67	Subaru 1800 Turbo 8/84-87	RA109G1 (2) BN560 (2)	RB109A1*x DN560	RD109A1*x GN560
10	EA82 H4 Cyl. OHC 1781 cc. 92 x 67	Subaru 1800 Turbo 1988-	RA109G1 (2) BN560 (2)	RB109B1*x DN561	RD109B1*x GN561
11	EF10 3 Cyl. OHC 997 cc. 78 x 69.6	Van 1000 9/83-	RA110G1 BP730	RB110A1* DP730	RD110A1*x GP730
12	EF10 3 Cyl. OHC 997 cc. 78 x 69.6	Justy 1000 Subaru 1000 7/85-	RA110G1 BP730	RB110B1*x DP731	RD110B1*x GP731
13	EF12 3 Cyl. OHC 1189 cc. 78 x 83	Justy 1200 10/85-86	RA111G1 BR560	RB111A1*x DR560	RD111A1*x GR560
14	EF12 3 Cyl. OHC 1189 cc. 78 x 83	Justy 1200 1987-	RA111G1 BR560	RB111B1*x DR561	RD111B1*x GR561
15	EG33D H6 Cyl. DOHC 3313 cc. 96.9 x 75	Alcyone 3300 3/91-12/91	RA118M1 (2) AF5760 (2)		
16	EJ18 H4 Cyl. OHC 1820 cc. 87.9 x 75	Legasy 1800 1991-8/98	RA114G1 (2) BW140 (2)		
17	EJ18 H4 Cyl. OHC 1820 cc. 87.9 x 75	Impreza 1800 4/98-7/00	RA116M1 (2) AG5590 (2)		

## Subaru

Line	Engine	Model	Cylinder Head	Head Set	Full Set
18	EJ20D H4 Cyl. DOHC 1994 cc. 92 x 75	Legasy 2000 7/88-4/91	RA117G1 (2) BX210 (2)	RB117A1*x DX210	RD117A1*x GX210
19	EJ20G H4 Cyl. DOHC 1994 cc. 92 x 75	Legasy 2000 Turbo 7/88-9/93	RA117G1 (2) BX210 (2)	RB117C1*x DX212	RD117C1*x GX212
20	EJ20G / H H4 Cyl. DOHC 1994 cc. 92 x 75	Legasy 2000 Turbo 12/95-11/98 Impreza 2000 Turbo 4/96-7/98 Forester 2000 Turbo 2/97-	RA117G1 (2) BX210 (2)	RB117B1*x DX211	RD117B1*x GX211
21	EJ20G / H H4 Cyl. DOHC 1994 cc. 92 x 75	Legasy 2000 Turbo 10/99-4/03 Impreza 2000 Turbo 4/98-7/00 Forester 2000 Turbo 11/01-11/03	RA120M1 (2) AG5580 (2)		
22	EJ22 H4 Cyl. OHC 2212 cc. 96.9 x 75	Legasy 2200 1993-	RA113G1 (2) BV450 (2)	RB113A1*x DV450	RD113A1*x GV450
23	EJ25D H4 Cyl. DOHC 2457 cc. 99.5 x 79	Legasy 2500 10/94-5/96	RA119M1 (2) AG5200 (2)		
24	EK23 / 24 2 Cyl. OHC 544 cc. 76 x 60	Van 600 8/82-	RA105G1 BL280	RB105A1* DL280	RD105A1*x GL280
25	EK23 / 24 2 Cyl. OHC 544 cc. 76 x 60	Van 600 4WD 8/82-	RA105G1 BL280	RB105B1* DL281	RD105B1*x GL281
26	ER27 H6 Cyl. OHC 2672 cc. 92 x 67	Alcyone 2700 -1989	RA112G1 (2) BS270 (2)	RB112A1* DS270	RD112A1*x GS270
27	EZ30D H6 Cyl. DOHC 2999 cc. 89.2 x 80	Legasy 3000	RA121M1 & RA122M1 AG5610 & AG5600		

### Symbols

- \* Set with Valve Stem Seals
- x Set with Oil Seals
- ! Set with Cylinder Liner O Rings

## Suzuki

Line	Engine	Model	Cylinder Head	Head Set	Full Set
1	AB51 3 Cyl. OHC 796 cc. 68.5 x 72	Suzuki 800 11/83-85	SA105G1 BM910	SB105A1*x DM910	SD105A1*x GM910
2	AB51 3 Cyl. OHC 796 cc. 68.5 x 72	Suzuki 800 1986-	SA105G1 BM910	SB105B1*x DM911	SD105B1*x GM911
3	AB51 3 Cyl. OHC 796 cc. 68.5 x 72	Suzuki 800 (Europe) 1986-	SA105G1 BM910	SB105C1*x DM912	SD105C1*x GM912
4	F5A 3 Cyl. OHC 543 cc. 62 x 60	Alto 550 Jeep, Pick-up 550 1980-	SA102F1 BH740	SB102A1*x DH740	SD102A1*x GH740
5	F5A 3 Cyl. OHC 543 cc. 62 x 60	Alto 550 1984-	SA108F1 BP780	SB108A1* DP780	SD108A1*x GP780
6	F8A 4 Cyl. OHC 797 cc. 62 x 66	Alto 800 Jeep, Pick-up 800 1978-	SA101G1 BE550	SB101A1*x DE550	SD101A1*x GE550
7	F10A 4 Cyl. OHC 970 cc. 65.5 x 72	Jeep, Pick-up 1000 1982-	SA103F1 BL390	SB103A1*x DL390	SD103A1*x GL390
8	F10A 4 Cyl. OHC 970 cc. 65.5 x 72	Jeep, Pick-up 1000 2/86-	SA103F1 BL390	SB103B1*x DL391	SD103B1*x GL391
9	G10 3 Cyl. OHC 993 cc. 74 x 77	Swift 1000 11/84-	SA104G1 BM740	SB104A1* DM740	SD104A1* GM740
10	G10 3 Cyl. OHC 993 cc. 74 x 77	Cultus 1000 9/88-	SA110G1 BT900	SB110A1* DT900	SD110A1* GT900
11	G13A 4 Cyl. OHC 1324 cc. 74 x 77	Cultus 1300 Swift 1300 11/84-	SA106G1 BN480	SB106A1* DN480	SD106A1* GN480
12	G13A 4 Cyl. OHC 1324 cc. 74 x 77	Cultus 1300 4WD 1985-	SA106G1 BN480	SB106B1*x DN481	SD106B1*x GN481
13	G13B 4 Cyl. OHC 1298 cc. 74 x 75.5	Jeep, Pick-up 1300 1985-	SA106G1 BN480	SB106B1*x DN481	SD106B1*x GN481
14	G13B 4 Cyl. OHC 1298 cc. 74 x 75.5	Swift 1300 1989-	SA106G1 BN480	SB106D1*x DN483	SD106D1*x GN483
15	G13B 4 Cyl. DOHC 1298 cc. 74 x 75.5	Cultus 1300 Swift 1300 4/78-88	SA106G1 BN480	SB106C1*x DN482	SD106C1*x GN482

## Suzuki

Line	Engine	Model	Cylinder Head	Head Set	Full Set
16	<b>G13B</b> 4 Cyl. DOHC 1298 cc. 74 x 75.5	Swift 1300 1989-	SA106G1 BN480	SB106E1*x DN484	SD106E1*x GN484
17	<b>G16A</b> 4 Cyl. OHC 1590 cc. 75 x 90	Vitara 1600 1989-	SA109G1 BS600	SB109A1*x DS600	SD109A1*x GS600
18	<b>G16A</b> 4 Cyl. OHC 1590 cc. 75 x 90	X-90 1600 1992-	SA111G1 BV130	SB111B1*x DV130	SD111B1*x GV130
19	<b>K10A</b> 4 Cyl. DOHC 996 cc. 68 x 68.6	Wagon R 1000 1/97-	SA120N1 AG8120		
20	<b>H20A</b> V6 Cyl. DOHC 1998 cc. 78 x 69.7	Escudo 2000 11/94-	SA113N1 & SA114N1 AG5710 & AG5720	SB113A1*	SD113A1*x
21	<b>H25A</b> V6 Cyl. DOHC 2493 cc. 84 x 75	Escudo 2500 11/98-	SA115N1 & SA116N1 AG5730 & AG5740	SB115A1* CG5730	SD115A1*x
22	<b>H27A</b> V6 Cyl. DOHC 2736 cc. 88 x 75	Escudo 2700 11/00-	SA117N1 & SA118N1 AG8100 & AG8110	SB117A1* CG8100	SD117A1*x FG8100
23	<b>J18A</b> 4 Cyl. DOHC 1839 cc. 84 x 83	Cultus 1800 5/98-4/00	SA119N1	SB119A1*	SD119A1*x
24	<b>J20A</b> 4 Cyl. DOHC 1995 cc. 84 x 90	Escudo 2000 11/97-3/00	SA119N1	SB119B1*	SD119B1*x

## Toyota

Line	Engine	Model	Cylinder Head	Head Set	Full Set
1	<b>1AC</b> 4 Cyl. OHC 1453 cc. 77.5 x 77	Terrel 1500 10/79-81	TA125G1 BG670	TB125A1*x DG670	TD125A1*x GG670
2	<b>2A</b> 4 Cyl. OHC 1295 cc. 76 x 71.4	Corolla 1300 5/83-	TA152G1 BM870	TB152A1*x DM870	TD152A1*x GM870

## Toyota

Line	Engine	Model	Cylinder Head	Head Set	Full Set
3	2AU 4 Cyl. OHC 1295 cc. 76 x 71.4	Tercel 1300 3/79-4/82	TA126G1 BG690	TB126A1* DG690	TD126A1*x GG690
4	3AC / 3AU 4 Cyl. OHC 1453 cc. 77.5 x 77	Corolla 1500 Tercel 1500 1983-9/84	TA144G1 BL340	TB144A1*x DL340	TD144A1*x GL340
5	3AU 4 Cyl. OHC 1453 cc. 77.5 x 77	Corolla 1500 Tercel 1500 10/84-	TA144G1 BL340	TB144B1*x DL341	TD144B1*x GL341
6	4AC / 4AELU 4 Cyl. OHC 1587 cc. 81 x 77	Corolla 1600 -7/83	TA146G1 BL740	TB146A1*x DL740	TD146A1*x GL740
7	4AF 4 Cyl. DOHC 1587 cc. 81 x 77	Corolla 1600 10/87-88	TA166G1 BR750	TB166A1*x DR750	TD166A1*x GR750
8	4AF 4 Cyl. DOHC 1587 cc. 81 x 77	Corolla 1600 1989-	TA166G1 BR750	TB166B1*x DR751	TD166B1*x GR751
9	4AF 4 Cyl. DOHC 1587 cc. 81 x 77	Corolla 1600 1993-	TA183G1 BV370	TB183A1*x DV370	
10	4AGEU 4 Cyl. DOHC 1587 cc. 81 x 77	Celica 1600 Corolla 1600 MR-2 1600 5/83-5/84	TA155G1 BN390	TB155B1*x DN392	TD155B1*x GN392
11	4AGEU 4 Cyl. DOHC 1587 cc. 81 x 77	Celica 1600 Corolla 1600 MR-2 1600 6/84-	TA155G1 BN390	TB155A1*x DN390	TD155A1*x GN390
12	4AGZE 4 Cyl. DOHC 1587 cc. 81 x 77	Corolla 1600 5/87-5/89 MR-2 1600 1988-	TA168G1 BR900	TB168A1*x DR900	TD168A1*x GR900
13	4AGE 4 Cyl. DOHC 1587 cc. 81 x 77	Corolla 1600 Sprinter 1600 6/91-5/95	TA202G1 AA5930	TB202A1*x CA5930	TD202A1*x FA5930
14	4ALC 4 Cyl. OHC 1587 cc. 81 x 77	Corolla 1600 1986-	TA158G1 BP530	TB158A1*x DP530	
15	5AFHE 4 Cyl. DOHC 1498 cc. 78.7 x 77	Corolla 1500 Sprinter 1500 5/89-1/90	TA201F1 AA5700	TB201A1*x CA5700	
16	7AFE 4 Cyl. DOHC 1762 cc. 81 x 85.5	Corolla 1800 1992-	TA182M1 BV360	TB182A1*x DV360	

## Toyota

Line	Engine	Model	Cylinder Head	Head Set	Full Set
17	1AZFSE 4 Cyl. DOHC 1998 cc. 86 x 86	Caldina 2000 9/02-3/03 RAV4 2000 4/01-4/03	TA205M1 AB5940		
18	2AZFE 4 Cyl. DOHC 2362 cc. 88.5 x 96	Camry 2400 Harrier 2400 Kluger 2400 4/03-	TA206M1 AE5380		
19	B 4 Cyl. Diesel 2977 cc. 95 x 105	Coaster 3000 Dyna 3000 Landcruiser 3000 1973-8/77	TA113G1 AX420	TB113A1* CX420	TD113A1*x FX420
20	B 4 Cyl. Diesel 2977 cc. 95 x 105	Coaster 3000 Dyna 3000 Landcruiser 3000 8/77-7/80	TA113G1 AX420	TB113B1* CX421	TD113B1*x FX421
21	B 4 Cyl. Diesel 2977 cc. 95 x 105	Dyna 3000 5/80-8/83	TA148G1 BL840	TB148A1* DL840	TD148A1*x GL840
22	B 4 Cyl. Diesel 2977 cc. 95 x 105	Coaster 3000 Dyna 3000 Landcruiser 3000 9/84-	TA169G1 BR950	TB169A1* DR950	TD169A1*x GR950
23	11B 4 Cyl. Diesel 2977 cc. 95 x 105	Dyna 3000 1985-8/87	TA169G1 BR950	TB169B1* DR951	TD169B1*x GR951
24	2B 4 Cyl. Diesel 3168 cc. 98 x 105	Coaster 3200 Dyna 3200 Landcruiser 3200 8/77-5/80	TA113G1 AX420	TB113B1* CX421	TD113B1*x FX421
25	3B 4 Cyl. Diesel 3431 cc. 102 x 105	Coaster 3400 Dyna 3400 Landcruiser 3400 8/80-8/84	TA130G1 BJ740	TB130A1* DJ740	TD130A1*x GJ740
26	3B 4 Cyl. Diesel 3431 cc. 102 x 105	Coaster 3400 Dyna 3400 Landcruiser 3400 11/84-8/87	TA130G1 BJ740	TB130C1* DJ742	TD130C1*x GJ742
27	13B 4 Cyl. Diesel 3431 cc. 102 x 105	Dyna 3400 8/87-	TA130G1 BJ740	TB130B1* DJ741	TD130B1*x GJ741
28	14B 4 Cyl. Diesel 3660 cc. 102 x 112	Dyna 3700 8/88-10/89	TA184M1 BV620	TB184A1* DV620	TD184A1*x GV620



## Toyota

Line	Engine	Model	Cylinder Head	Head Set	Full Set
29	14BT 4 Cyl. Diesel 3660 cc. 102 x 112	Dyna 3700 10/90-5/95	TA184M1 BV620	TB184B1*	TD184B1*x
30	1C 4 Cyl. Diesel 1839 cc. 83 x 85	Carina 1800 Corona 1800 10/82-4/83	TA143G1 BL300	TB143A1*x DL300	TD143A1*x GL300
31	1C 4 Cyl. Diesel 1839 cc. 83 x 85	Corolla 1800 1989-	TA190M1 BX010	TB190A1*x DX010	TD190A1*x GX010
32	1CL 4 Cyl. Diesel 1839 cc. 83 x 85	Corolla 1800 7/83-1/85	TA149F1 AB5000	TB149A2*x CB5000	TD149A2*x FB5000
33	2C 4 Cyl. Diesel 1974 cc. 86 x 85	Camry 2000 5/84-5/85	TA165G1 BR580	TB165B1*x DR581	TD165B1*x GR581
34	2CTL 4 Cyl. Diesel 1974 cc. 86 x 85	Camry 2000 Turbo 8/85-	TA165G1 BR580	TB165A1*x DR580	TD165A1*x GR580
35	2CT 4 Cyl. Diesel 1974 cc. 86 x 85	Townace 2000 Turbo 1989-	TA191M1 BX020	TB191A1*x DX020	TD191A1*x GX020
36	2C 4 Cyl. Diesel 1974 cc. 86 x 85	Caldina 2000 1/96-8/97 Corolla 2000 Sprinter 2000 5/95-8/97	TA225M1 AD5350		
37	2C 4 Cyl. Diesel 1974 cc. 86 x 85	Caldina 2000 Corolla 2000 Sprinter 2000 8/97-4/98	TA241M1 AG7650 or TA242M1 AG7660		
38	3CT 4 Cyl. Diesel 2184 cc. 86 x 94	Camry 2200 Turbo Vista 2200 Turbo 6/94-9/95	TA223M1 AA5270	TB223A1*x CA5270	TD223A1*x
39	3CT 4 Cyl. Diesel 2184 cc. 86 x 94	Townace 2200 Turbo 9/93-4/95	TA223M1 AA5270	TB223B1*x CA5271	TD223B1*x
40	2D 6 Cyl. Diesel 6494 cc. 105 x 125	Truck & Bus 6500 4/77-	TA121F1 (2) BE330 (2)	TB121A1* DE330	TD121A1*x! GE330
41	1DZ	Truck & Bus	TA228M1		

## Toyota

Line	Engine	Model	Cylinder Head	Head Set	Full Set
42	1DZ-II	Truck & Bus	TA230M1		
43	1E 4 Cyl. OHC 999 cc. 70.5 x 64	Starlet 1000 10/84-	TA156G1 BN530	TB156A1*x DN530	TD156A1*x GN530
44	2E 4 Cyl. OHC 1295 cc. 73 x 77.4	Corolla 1300 Starlet 1300 10/84-	TA154G1 BN200	TB154A1*x DN200	TD154A1*x GN200
45	3E 4 Cyl. OHC 1456 cc. 73 x 87	Tercel 1500 5/86-9/90	TA154G1 BN200	TB154B1*x DN201	TD154B1*x GN201
46	3EE 4 Cyl. OHC 1456 cc. 73 x 87	Tercel 1500 5/88-	TA154G1 BN200	TB154C1*x DN202	TD154C1*x GN202
47	4EFE 4 Cyl. DOHC 1331 cc. 74 x 77.4	Corolla 1300 Tercel 1300 9/90-7/93	TA181G1 BV330	TB181C1*x DV332	
48	5EFE 4 Cyl. DOHC 1496 cc. 74 x 87	Corolla 1500 Tercel 1500 9/90-7/93	TA181G1 BV330	TB181A1*x DV330	TD181A1*x GV330
49	F 6 Cyl. OHV 3878 cc. 90 x 101.6	Landcruiser 3900 1967-9/73	TA105F1 AJ430	TB105A1* CJ431	TD105A1*x FJ431
50	F 6 Cyl. OHV 3878 cc. 90 x 101.6	Landcruiser 3900 9/73-1/75	TA118G1 BD860	TB118A1* DD860	TD118A1*x GD860
51	2F 6 Cyl. OHV 4230 cc. 94 x 101.6	Landcruiser 4200 1/75-8/75	TA114G1 BC260	TB114A1* DC260	TD114A1*x GC260
52	2F 6 Cyl. OHV 4230 cc. 94 x 101.6	Landcruiser 4200 11/80-	TA114G1 BC260	TB114C1* DC264	TD114C1*x GC264
53	3F 6 Cyl. OHV 3955 cc. 94 x 95	Landcruiser 4000 11/84-87	TA114G1 BC260	TB114D1* DC265	TD114D1*x GC265
54	3F 6 Cyl. OHV 3955 cc. 94 x 95	Landcruiser 4000 1988-	TA114G1 BC260	TB114E1* DC266	TD114E1*x GC266
55	1FZFE 6 Cyl. DOHV 4476 cc. 100 x 95	Landcruiser 4500 8/92-1/98	TA215G1 AF5790	TB215A1* CF5792	TD215A1*x FF5790
56	1GEU 6 Cyl. OHC 1988 cc. 75 x 75	Chaser 2000 Cressida 2000 1982-	TA136G1 BK680	TB136A1*x DK680	TD136A1*x GK680

## Toyota

Line	Engine	Model	Cylinder Head	Head Set	Full Set
57	1GFE 6 Cyl. DOHC 1988 cc. 75 x 75	Chaser 2000 Cressida 2000 8/88-7/90	TA180G1 BT630	TB180A1*x DT630	TD180A1*x GT630
58	1GGEU 6 Cyl. DOHC 1988 cc. 75 x 75	Chaser 2000 Cressida 2000 8/82-	TA151G1 BM480	TB151A1*x DM480	TD151A1*x GM480
59	3GRFSE V6 Cyl. DOHC 2994 cc. 87.5 x 83	Crown 3000 8/04- Mark X 3000 11/04-	TA212M1 & TA213M1		
60	H 6 Cyl. Diesel 3576 cc. 88 x 98	Dyna 3600 2/72-6/73	TA131G1 BJ830	TB131A1* DJ830	TD131A1*x GJ830
61	H 6 Cyl. Diesel 3576 cc. 88 x 98	Dyna 3600 Landcruiser 3600 6/73-9/77	TA132G1 BK380	TB132A1* DK380	TD132A1*x GK380
62	H 6 Cyl. Diesel 3576 cc. 88 x 98	Landcruiser 3600 9/77-	TA120F1 BE250	TB120A1* DE250	TD120A1*x GE250
63	12HT 6 Cyl. Diesel 3980 cc. 91 x 102	Landcruiser 4000 Turbo 8/87-	TA167F1 BR890	TB167A1* DR890	TD167A1*x GR890
64	2H 6 Cyl. Diesel 3980 cc. 91 x 102	Dyna 4000 1976-	TA142G1 BK940	TB142A1* DK940	TD142A1*x GK940
65	2H 6 Cyl. Diesel 3980 cc. 91 x 102	Coaster 4000 Landcruiser 4000 10/82-10/84	TA141G1 BK930	TB141A1* DK930	TD141A1*x GK930
66	2H 6 Cyl. Diesel 3980 cc. 91 x 102	Landcruiser 4000 10/84-	TA164F1 BR570	TB164A1* DR570	TD164A1*x GR570
67	2H 6 Cyl. Diesel 3980 cc. 91 x 102	Landcruiser 4000	TA229F1		
68	1J 4 Cyl. Diesel 2336 cc. 88 x 96	Dyna 2300 1964-69	TA235F1 BJ540		
69	2J 4 Cyl. Diesel 2481 cc. 88 x 102	Coaster 2500 Dyna 2500 1969-72	TA235F1 BJ540		
70	2J 4 Cyl. Diesel 2481 cc. 88 x 102	Fork Lift 2500	TA123G1 BE390	TB123C1* DE393	TD123C1*x GE393

## Toyota

Line	Engine	Model	Cylinder Head	Head Set	Full Set
71	2J 4 Cyl. Diesel 2481 cc. 88 x 102	Dyna 2500 Toyoace 2500 7/72-8/80 Fork Lift 2500	TA123G1 BE390	TB123B1* DE392	TD123B1*x GE392
72	2J 4 Cyl. Diesel 2481 cc. 88 x 102	Dyna 2500 1981-83	TA139F1 BK910	TB139A1* DK910	TD139A1*x GK910
73	2JZGE 6 Cyl. DOHC 2997 cc. 86 x 86	Cressida 3000 6/93-8/96 Lexus 3000 1993-	TA221M1	TB221A1*x CF5850	TD221A1*x
74	2JZGE 6 Cyl. DOHC 2997 cc. 86 x 86	Cressida 3000 9/96-6/01 Lexus 3000 1996-	TA209M1 AG5100	TB209A1*x	TD209A1*x
75	2JZGTE 6 Cyl. DOHC 2997 cc. 86 x 86	Aristo 3000 Turbo 8/97-5/04 Supra 3000 Turbo 8/97-8/02	TA222M1 AF5850	TB222A1*x	TD222A1*x
76	2K 4 Cyl. OHV 993 cc. 72 x 61	Starlet 1000 4/69-4/74	TA101G1 AJ270	TB101A1* CJ270	TD101A1*x FJ270
77	2K 4 Cyl. OHV 993 cc. 72 x 61	Starlet 1000 2/78-	TA101G1 AJ270	TB101B1* CJ271	TD101C1*x FJ272
78	3KB 4 Cyl. OHV 1166 cc. 75 x 66	Corolla 1200 1970-8/74	TA102G1 AJ290	TB102B1* CJ291	TD102B1*x FJ291
79	3K / 3KC / 3KH 4 Cyl. OHV 1166 cc. 75 x 66	Corolla 1200 Starlet 1200 Liteace 1200 8/74-11/77	TA102G1 AJ290	TB102C1* CJ292	TD102C1*x FJ292
80	4K 4 Cyl. OHV 1290 cc. 75 x 73	Corolla 1300 Starlet 1300 Liteace 1300 3/78-79	TA119G1 BD950	TB119B1* DD951	TD119B1*x GD951
81	4K 4 Cyl. OHV 1290 cc. 75 x 73	Corolla 1300 Liteace 1300 8/82-	TA119G1 BD950	TB119E1* DD955	TD119E1*x GD955
82	4KC 4 Cyl. OHV 1290 cc. 75 x 73	Starlet 1300 5/81-	TA119G1 BD950	TB119E1* DD955	TD119E1*x GD955
83	4KJ 4 Cyl. OHV 1290 cc. 75 x 73	Townace 1300 1985-	TA119G1 BD950	TB119E1* DD955	TD119E1*x GD955

## Toyota

Line	Engine	Model	Cylinder Head	Head Set	Full Set
84	5K 4 Cyl. OHV 1486 cc. 80.5 x 73	Corolla 1500 8/83-	TA161G1 BR270	TB161A1* DR270	TD161A1*x GR270
85	5KU 4 Cyl. OHV 1486 cc. 80.5 x 73	Liteace 1500 1987-	TA161G1 BR270	TB161A1* DR270	TD161A1*x GR270
86	7K / 7KE 4 Cyl. OHV 1781 cc. 80.5 x 87.5	Liteace 1800 11/96-12/98 Townace 1800 11/96-12/98	TA203G1 AB5500		
87	1KZTE 4 Cyl. Diesel 2982 cc. 96 x 103	Landcruiser Prado 3000 Turbo Hilux Surf 3000 Turbo 9/95-12/95	TA216M1 AA5100 or TA217M1 AA5110 or TA218M1 AA5120	TB216A1*x CA5100	TD216A1*x FA5100
88	1KZTE 4 Cyl. Diesel 2982 cc. 96 x 103	Landcruiser Prado 3000 Turbo Hilux Surf 3000 Turbo 9/95-12/95	TA216M1 AA5100 or TA217M1 AA5110 or TA218M1 AA5120	TB218A1*x	TD218A1*x
89	1KZTE 4 Cyl. Diesel 2982 cc. 96 x 103	Landcruiser Prado 3000 Turbo Hilux Surf 3000 Turbo 12/95-8/04	TA243M1 or TA244M1 or TA245M1 AG5230		
90	L 4 Cyl. Diesel 2188 cc. 90 x 86	Hiace 2200 Hilux 2200 1979-7/81	TA127G1 BJ500	TB127A1* DJ501	TD127A1*x GJ501
91	2L 4 Cyl. Diesel 2446 cc. 92 x 92	Crown 2400 Hiace 2400 8/83-1/85	TA150G1 BL950	TB150A1* DL950	TD150A1*x GL950
92	2L 4 Cyl. Diesel 2446 cc. 92 x 92	Cressida 2400 Crown 2400 Dyna 2400 Hiace 2400 Toyoace 2400 1988-	TA188M1 BW800	TB188B1*x DW801	TD188B1*x GW801
93	2LT 4 Cyl. Diesel 2446 cc. 92 x 92	Pick-Up 2400 Turbo 8/87-7/88	TA179F1 BT130	TB179A1*x DT130	TD179A1*x GT130

## Toyota

Line	Engine	Model	Cylinder Head	Head Set	Full Set
94	4ME 6 Cyl. OHC 2563 cc. 80 x 85	Celica 2600 9/78-8/79	TA117G1 BD760	TB117D1* DD763	TD117C1*x GD762
95	5ME 6 Cyl. OHC 2759 cc. 83 x 85	Cressida 2800 Crown 2800 11/80-8/82	TA133G1 BK430	TB133A1* DK430	TD133A1*x GK430
96	5MGE 6 Cyl. DOHC 2759 cc. 83 x 85	Celica 2800 Cressida 2800 Crown 2800 1981-85	TA134G1 BK460	TB134A1*x DK461	TD134A1*x GK461
97	7MGEU 6 Cyl. DOHC 2954 cc. 83 x 91	Celica 3000 9/87-	TA162G1 BR300	TB162B1*x DR301	TD162B1*x GR301
98	7MGTEU 6 Cyl. DOHC 2954 cc. 83 x 91	Celica 3000 Turbo 2/86-8/87	TA162G1 BR300	TB162A1*x DR300	TD162A1*x GR300
99	1MZFE V6 Cyl. DOHC 2994 cc. 87.5 x 83	Windom 3000 8/96-10/97 Mark II 3000 4/97-10/97	TA236G1 & TA237G1 BZ340 & BZ350	TB236A1*x DZ340	TD236A1*x GZ340
100	1MZFE V6 Cyl. DOHC 2994 cc. 87.5 x 83	Alphard 3000 Kluger 3000 Estima 3000 8/04-	TA210M1 & TA211M1		
101	3MZFE V6 Cyl. DOHC 3310 cc. 92 x 83	Harrier 3300 Kluger 3300 2005-	TA238M1 & TA239M1 AF5000 & AF5010		
102	1NZFE 4 Cyl. DOHC 1496 cc. 75 x 84.7	Yaris 1500 2000- Platz 1500 8/99-2/03	TA204M1 AB5750	TB204A1*x CB5750	TD204A1*x FB5750
103	2NZFE 4 Cyl. DOHC 1298 cc. 75 x 73.5	Yaris 1300 1999- Platz 1300 8/99-2/03	TA204M1 AB5750	TB204A1*x CB5750	TD204A1*x FB5750
104	4P 4 Cyl. OHV 1493 cc. 76.6 x 81	Fork Lift 1500	TA108G1 AJ510	TB108A1* CJ511	TD108A1*x FJ511
105	5R 4 Cyl. OHV 1994 cc. 88 x 82	Crown 2000 Dyna 2000 Toyoace 2000 5/78-8/82	TA122G1 BE350	TB122B1* DE351	TD122B1*x GE351

## Toyota

Line	Engine	Model	Cylinder Head	Head Set	Full Set
106	12R 4 Cyl. OHV 1587 cc. 80.5 x 78	Hiace 1600 Hilux 1600 Toyoace 1600 11/75-1/77	TA110G1 AJ910	TB110C1* CJ912	TD110C1*x FJ912
107	12R 4 Cyl. OHV 1587 cc. 80.5 x 78	Corona 1600 Hiace 1600 Hilux 1600 Toyoace 1600 1/77-	TA110G1 AJ910	TB110B1* CJ911	TD110B1*x FJ911
108	18RGEU 4 Cyl. DOHC 1968 cc. 88.5 x 80	Celica 2000 7/81-10/82	TA137F1 BK690	TB137A1* DK690	TD137A1*x GK690
109	20R 4 Cyl. OHC 2189 cc. 88.5 x 89	Celica 2200 Corona 2200 Hiace 2200 Hilux 2200 8/74-7/78	TA124G1 BE870	TB124C1*x DE872	TD124C1*x GE872
110	20R 4 Cyl. OHC 2189 cc. 88.5 x 89	Celica 2200 Corona 2200 Hiace 2200 Hilux 2200 2/79-11/80	TA124G1 BE870	TB124B1* DE871	TD124B1*x GE871
111	21R 4 Cyl. OHC 1972 cc. 84 x 89	Chaser 2000 9/80- Cressida 2000 1981-8/82	TA138G1 BK700	TB138A1* DK700	TD138A1*x GK700
112	21R 4 Cyl. OHC 1972 cc. 84 x 89	Celica 2000 8/84-1985	TA138G1 BK700	TB138C1* DK702	TD138C1*x GK702
113	21R 4 Cyl. OHC 1972 cc. 84 x 89	Celica 2000 1986-	TA138G1 BK700	TB138B1* DK701	TD138B1*x GK701
114	22R 4 Cyl. OHC 2367 cc. 92 x 89	Celica 2400 Corona 2400 1981-7/83 Pick-up 2400 1981-82	TA129G1 BJ660	TB129A1* DJ660	TD129A1*x GJ660
115	22R 4 Cyl. OHC 2367 cc. 92 x 89	Celica 2400 Corona 2400 8/83-	TA153G1 BM880	TB153B1* DM881	TD153B1*x GM881
116	22R 4 Cyl. OHC 2367 cc. 92 x 89	Pick-up 2400 1983-84	TA129G1 BJ660	TB129B1* DJ661	TD129B1*x GJ661
117	22REC 4 Cyl. OHC 2367 cc. 92 x 89	Pick-up 2400 1985-88	TA153G1 BM880	TB153B1* DM881	TD153B1*x GM881

## Toyota

Line	Engine	Model	Cylinder Head	Head Set	Full Set
118	<b>22REC</b> 4 Cyl. OHC 2367 cc. 92 x 89	Pick-up 2400 8/88-6/90	TA153G1 BM880	TB153D1* DM883	TD153D1*x GM883
119	<b>1RZ</b> 4 Cyl. OHC 1998 cc. 86 x 86	Hiace 2000 1989-	TA187G1 BW560	TB187A1* DW560	TD187A1*x GW560
120	<b>2RZ</b> 4 Cyl. OHC 2438 cc. 95 x 86	Hiace 2400 1989-	TA192G1 BX060	TB192A1* DX060	TD192A1*x GX060
121	<b>3RZFE</b> 4 Cyl. DOHC 2693 cc. 95 x 95	Hilux Surf 2700 11/95-3/99 Landcruiser Prado 2700 4/97-3/99 Dyna 200 2700 5/95-3/99	TA197G1 BZ170		
122	<b>1SL</b> 4 Cyl. OHC 1832 cc. 80.5 x 90	Celica 1800 Corona 1800 1983-10/83	TA135G1 BK670	TB135A1*x DK670	TD135B1*x GK671
123	<b>1SU</b> 4 Cyl. OHC 1832 cc. 80.5 x 90	Celica 1800 Chaser 1800 1981-82	TA135G1 BK670	TB135A1*x DK670	TD135A1*x GK670
124	<b>2SEL</b> 4 Cyl. OHC 1995 cc. 84 x 90	Camry 2000 8/82- Celica 2000 1986-87	TA145G1 BL350	TB145A1*x DL350	TD145A1*x GL350
125	<b>3SFE</b> 4 Cyl. DOHC 1998 cc. 86 x 86	Camry 2000 10/86 Celica 2000 1986-	TA160G1 BR250	TB160A1*x DR250	TD160A1*x GR250
126	<b>3SFE</b> 4 Cyl. DOHC 1998 cc. 86 x 86	Camry 2000 12/96-08/04 Ipsum 2000 12/96-04/98 Avensis 1997-	TA224M1 AD5330	TB224A1*x CD5330	TD224A1*x FD5330
127	<b>3SGE / 3SGELU</b> 4 Cyl. DOHC 1998 cc. 86 x 86 Eng No. 0xxxxxx-8xxxxxx.	Camry 2000 6/84- Celica 2000 8/87- Corona 2000 12/87	TA163G1 BR330	TB163A1*x DR330	TD163A1*x GR330



## Toyota

Line	Engine	Model	Cylinder Head	Head Set	Full Set
128	3SGE / 3SGELU 4 Cyl. DOHC 1998 cc. 86 x 86 Eng No. 9xxxxxx-	Camry 2000 6/84- Celica 2000 8/87- Corona 2000 12/87	TA163G1 BR330	TB163B1*x DR332	TD163B1*x GR332
129	3SGTE 4 Cyl. DOHC 1998 cc. 86 x 86	Celica 2000 10/87-	TA170G1 BS060	TB170A1*x DS060	TD170A1*x GS060
130	3SGTE 4 Cyl. DOHC 1998 cc. 86 x 86	MR-2 2000 Turbo 1990-91	TA170G1 BS060	TB170B1*x DS061	TD170B1*x GS061
131	4SFE 4 Cyl. DOHC 1838 cc. 82.5 x 86	Corona 1800 11/89-	TA186G1 BW460	TB186A1*x DW460	TD186A1*x GW460
132	5SFE 4 Cyl. DOHC 2164 cc. 87 x 91	MR2 2200 1990-91	TA178G1 BS970	TB178A1*x DS970	TD178A1*x GS970
133	5SFE 4 Cyl. DOHC 2164 cc. 87 x 91	Scepter 2200 11/92-8/95	TA178G1 BS970	TB178C1*x DS972	TD178C1*x GS972
134	5SFE 4 Cyl. DOHC 2164 cc. 87 x 91	Camry Gracia 2200 12/96-9/01 Harrier 2200 12/97-2/033 Mark II 2200 4/97-12/01	TA207M1 AE5410		
135	1SZFE 4 Cyl. DOHC 997 cc. 69 x 66.7	Yaris 1000 1999- Vitz 1000 01/99- Platz 1000 8/99-12/01	TA208M1 AD5380	TB208A1* CD5380	TD208A1* FD5380
136	2T / 12T / 12TJ 4 Cyl. OHV 1588 cc. 85 x 70	Celica 1600 8/80-8/81 Carina 1600 Corolla 1600 Corona 1600 8/80-	TA115G1 BC990	TB115B1* DC994	TD115B1*x GC994
137	2TG 4 Cyl. DOHC 1588 cc. 85 x 70	Carina 1600 Celica 1600 8/72-9/75	TA116G1 BS870	TB116A1* DD060	TD116A1*x GD060
138	2TGEU 4 Cyl. DOHC 1588 cc. 85 x 70	Carina 1600 Celica 1600 8/81-4/83	TA116G1 BS870	TB116B1* DD061	TD116B1*x GD061

## Toyota

Line	Engine	Model	Cylinder Head	Head Set	Full Set
139	2TZFE 4 Cyl. DOHC 2438 cc. 95 x 86	Previa 2400 1990-	TA177G1 BS870	TB177A1* DS870	TD177A1*x GS870
140	3T / 3TC / 3TE / 13T 4 Cyl. OHV 1770 cc. 85 x 78	Cressida 1800 Corolla 1800 8/80-8/81 Celica 1800 Corona 1800 8/80-	TA115G1 BC990	TB115B1* DC994	TD115B1*x GC994
141	1UZFE V8 Cyl. DOHC 3968 cc. 87.5 x 82.5	Lexus 4000 8/89-	TA175G1 & TA176G1 BS400 & BS410	TB175A1*x DS400	TD175A1*x GS400
142	1UZFE V8 Cyl. DOHC 3968 cc. 87.5 x 82.5	Celsior 4000 8/98-8/00 Lexus 4000 1997-	TA219M1 & TA220M1 AF5030 & AF5040	TB219A1*x CF5030	TD219A1*x FF5030
143	2VZ V6 Cyl. DOHC 2507 cc. 87.5 x 69.5	Camry 2500 1988-	TA171G1 & TA172G1 BS290 & BS300	TB171A1*x DS290	TD171A1*x GS290
144	3VZE V6 Cyl. DOHC 2958 cc. 87.5 x 82	Hilux 3000 1990-	TA173G1 & TA174G1 BS360 & BS370	TB173A1* DS360	TD173A1*x GS360
145	3VZFE V6 Cyl. DOHC 2958 cc. 87.5 x 82	Camry 3000 1992-	TA171G1 & TA172G1 BS290 & BS300	TB171B1*x DS292	TD171B1*x GS292
146	1Y 4 Cyl. OHV 1626 cc. 86 x 70	Townace 1600 12/82-7/85	TA147G1 BL820	TB147A1* DL820	TD147A1*x GL820
147	2Y 4 Cyl. OHV 1812 cc. 86 x 78	Hiace 1800 Liteace 1800 Townace 1800 11/82-8/85	TA147G1 BL820	TB147A1* DL820	TD147A1*x GL820
148	3Y 4 Cyl. OHV 1998 cc. 86 x 86	Hiace 2000 Liteace 2000 Townace 2000 12/82-7/85	TA147G1 BL820	TB147A1* DL820	TD147A1*x GL820

## Toyota

Line	Engine	Model	Cylinder Head	Head Set	Full Set
149	3Y 4 Cyl. OHV 1998 cc. 86 x 86	Hiace 2000 Hilux 2000 Townace 2000 8/85-	TA157G1 BN640	TB157A1* DN640	TD157A1*x GN640
150	4Y 4 Cyl. OHV 2237 cc. 91 x 86	Hilux 2200 1985-	TA159G1 BP650	TB159A1*x DP650	TD159A1*x GP650
151	1Z 4 Cyl. Diesel 3500 cc.	Truck & Bus 3500 1986-	TA231F1		
152	11Z 4 Cyl. Diesel 3500 cc.	Truck & Bus 3500 1986-	TA232F1		
153	13Z 4 Cyl. Diesel 4600 cc.	Truck & Bus 4600 1986-	TA234F1		
154	2Z 4 Cyl. Diesel 3500 cc.	Truck & Bus 3500 1986-	TA233G1		
155	1ZZFE 4 Cyl. DOHC 1794 cc. 79 x 91.5	Corolla 1800 RAV4 1800 Vista 1800 2000-	TA231F1		

### Symbols

- \* Set with Valve Stem Seals
- x Set with Oil Seals
- ! Set with Cylinder Liner O Rings

## Interchange

Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
DA101G1	11115-87305	BJ490	<u>Daihatsu</u>		
DA103G1	11115-87711	BM250			
DA103G1	11115-87713	BM250	04111-87116	DD111B1	GR881
DA103G1	11115-87719	BM250	04111-87123	DD111D1	GR883
DA103G1	11115-87720	BM250	04111-87208	DD108A1	GR140
DA103G1	11115-87733	BM250	04111-87212	DD108A1	GR140
DA103G1	11115-87734	BM250	04111-87221	DD115A1	GV660
DA104G1	11115-87709	BM450	04111-87239	DD114A1	GV650
DA105G1	11115-87307	BM900	04111-87270	DD116A1	FC5740
DA105G1	11115-87308	BM900	04111-87307	DD101A1	GJ490
DA106G1	11115-87707	BN250	04111-87307C	DD101A1	GJ490
DA106G1	11115-87715	BN250	04111-87312	DD101A1	GJ490
DA107F1	11115-87309	BP560	04111-87313	DD105A1	GM900
DA107F1	11115-87312	BP560	04111-87314	DD105A1	GM900
DA107F1	11115-87603	BP560	04111-87316	DD107A1	GP560
DA108G1	11115-87208	BR140	04111-87317	DD105B1	GM901
DA108G1	11115-87212	BR140	04111-87318	DD107A1	GP560
DA109G1	11115-87717	BR670	04111-87320	DD107B1	GP561
DA109G1	11115-87718	BR670	04111-87322	DD105C1	GM902
DA109G1	11115-87727	BR670	04111-87323	DD107B1	GP561
DA109G1	11115-87728	BR670	04111-87327	DD107B1	GP561
DA110G1	11115-87724	BR760	04111-87338	DD107D1	GP565
DA111F1	11115-87105	BR880	04111-87339	DD107C1	GP564
DA111F1	11115-87106	BR880	04111-87380	TD113B1	FX421
DA112G1	11115-87723	BS090	04111-87505	DD112A1	GS090
DA112G1	11115-87732	BS090	04111-87703	DD113D1	GS433
DA113G1	11115-87702	BS430	04111-87712	DD113D1	GS433
DA113G1	11115-87705	BS430	04111-87713	DD113D1	GS433
DA113G1	11115-87710	BS430	04111-87726	DD106B1	GN251
DA113G1	11115-87714	BS430	04111-87727	DD113B1	GS431
DA113G1	11115-87729	BS430	04111-87728	DD113B1	GS431
DA114F1	11115-87206	BV650	04111-87736	DD106B1	GN251
DA114F1	11115-87209	BV650	04111-87737	DD106B1	GN251
DA115G1	11115-87210	BV660	04111-87740	DD104A1	GM450
DA116G1	11115-87215	AC5740	04111-87742	DD113F1	GS435
DA117N1	11115-97201	AG5920	04111-87743	DD113K1	GS439
DB101A1	04112-87306	DJ490	04111-87746	DD103A1	GM250
DB101A1	04112-87306A	DJ490	04111-87747	DD113H1	GS437
DB103A1	04112-87730	DM250	04111-87747HS	DB113H1	DS437
DB103A1	04112-87732	DM250	04111-87750	DD113C1	GS432
DB104A1	04112-87726	DM450	04111-87753	DD106B1	GN251
DB105A1	04112-87310	DM900	04111-87754	DD113J1	GS438
DB105A1	04112-87311	DM900	04111-87757	DD109A1	GR670
DB105A1	04112-87313	DM900	04111-87762	DD113C1	GS432
DB105B1	04112-87314	DM901	04111-87764HS	DB113H1	DS437
DB105C1	04112-87316	DM902	04111-87769	DD110A1	GR760
DB106B1	04112-87722	DN251	04111-87771	DD113K1	GS439
DB106B1	04112-87723	DN251	04111-87779	DD113A1	GS430
DB107A1	04112-87315	DP560	04111-97206	DD117A1	FG5920
DB107B1	04112-87317	DP561	04112-87106	DB111A1	DR880

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
DB107B1	04112-87322	DP561	04112-87107	DB111A1	DR880
DB107C1	04112-87324	DP564	04112-87110	DB111C1	DR882
DB107D1	04112-87323	DP565	04112-87114	DB111B1	DR881
DB108A1	04112-87204	DR140	04112-87120	DB111D1	DR883
DB109A1	04112-87740	DR670	04112-87201	DB114A1	DV650
DB110A1	04112-87752	DR760	04112-87204	DB108A1	DR140
DB111A1	04112-87106	DR880	04112-87208	DB115A1	DV660
DB111A1	04112-87107	DR880	04112-87270	DB116A1	CC5740
DB111B1	04112-87114	DR881	04112-87306	DB101A1	DJ490
DB111C1	04112-87110	DR882	04112-87306A	DB101A1	DJ490
DB111D1	04112-87120	DR883	04112-87310	DB105A1	DM900
DB112A1	04112-87503	DS090	04112-87311	DB105A1	DM900
DB113A1	04112-87753	DS430	04112-87312	DB105A1	DM900
DB113B1	04112-87719	DS431	04112-87313	DB105A1	DM900
DB113B1	04112-87720	DS431	04112-87314	DB105B1	DM901
DB113C1	04112-87735	DS432	04112-87315	DB107A1	DP560
DB113C1	04112-87745	DS432	04112-87316	DB105C1	DM902
DB113D1	04112-87703	DS433	04112-87317	DB107B1	DP561
DB113D1	04112-87710	DS433	04112-87322	DB107B1	DP561
DB113F1	04112-87728	DS435	04112-87323	DB107D1	DP565
DB113H1	04111-87747HS	DS437	04112-87324	DB107C1	DP564
DB113H1	04111-87764HS	DS437	04112-87503	DB112A1	DS090
DB113J1	04112-87738	DS438	04112-87703	DB113D1	DS433
DB113K1	04112-87729	DS439	04112-87710	DB113D1	DS433
DB114A1	04112-87201	DV650	04112-87719	DB113B1	DS431
DB115A1	04112-87208	DV660	04112-87720	DB113B1	DS431
DB116A1	04112-87270	CC5740	04112-87722	DB106B1	DN251
DB117A1	04112-97206	CG5920	04112-87723	DB106B1	DN251
DD101A1	04111-87307	GJ490	04112-87726	DB104A1	DM450
DD101A1	04111-87307C	GJ490	04112-87728	DB113F1	DS435
DD101A1	04111-87312	GJ490	04112-87729	DB113K1	DS439
DD103A1	04111-87746	GM250	04112-87730	DB103A1	DM250
DD104A1	04111-87740	GM450	04112-87732	DB103A1	DM250
DD105A1	04111-87313	GM900	04112-87735	DB113C1	DS432
DD105A1	04111-87314	GM900	04112-87738	DB113J1	DS438
DD105B1	04111-87317	GM901	04112-87740	DB109A1	DR670
DD105C1	04111-87322	GM902	04112-87745	DB113C1	DS432
DD106B1	04111-87726	GN251	04112-87752	DB110A1	DR760
DD106B1	04111-87736	GN251	04112-87753	DB113A1	DS430
DD106B1	04111-87737	GN251	04112-97206	DB117A1	CG5920
DD106B1	04111-87753	GN251	11115-87105	DA111F1	BR880
DD107A1	04111-87316	GP560	11115-87106	DA111F1	BR880
DD107A1	04111-87318	GP560	11115-87206	DA114F1	BV650
DD107B1	04111-87320	GP561	11115-87208	DA108G1	BR140
DD107B1	04111-87323	GP561	11115-87209	DA114F1	BV650
DD107B1	04111-87327	GP561	11115-87210	DA115G1	BV660
DD107C1	04111-87339	GP564	11115-87212	DA108G1	BR140
DD107D1	04111-87338	GP565	11115-87215	DA116G1	AC5740
DD108A1	04111-87208	GR140	11115-87305	DA101G1	BJ490
DD108A1	04111-87212	GR140	11115-87307	DA105G1	BM900

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
DD109A1	04111-87757	GR670	11115-87308	DA105G1	BM900
DD110A1	04111-87769	GR760	11115-87309	DA107F1	BP560
DD111A1	04111-87108	GR880	11115-87310	TA130G1	BJ740
DD111A1	04111-87109	GR880	11115-87312	DA107F1	BP560
DD111B1	04111-87116	GR881	11115-87603	DA107F1	BP560
DD111C1	04111-87112	GR882	11115-87702	DA113G1	BS430
DD111D1	04111-87123	GR883	11115-87705	DA113G1	BS430
DD112A1	04111-87505	GS090	11115-87707	DA106G1	BN250
DD113A1	04111-87779	GS430	11115-87709	DA104G1	BM450
DD113B1	04111-87727	GS431	11115-87710	DA113G1	BS430
DD113B1	04111-87728	GS431	11115-87711	DA103G1	BM250
DD113C1	04111-87750	GS432	11115-87713	DA103G1	BM250
DD113C1	04111-87762	GS432	11115-87714	DA113G1	BS430
DD113D1	04111-87703	GS433	11115-87715	DA106G1	BN250
DD113D1	04111-87712	GS433	11115-87717	DA109G1	BR670
DD113D1	04111-87713	GS433	11115-87718	DA109G1	BR670
DD113F1	04111-87742	GS435	11115-87719	DA103G1	BM250
DD113H1	04111-87747	GS437	11115-87720	DA103G1	BM250
DD113J1	04111-87754	GS438	11115-87723	DA112G1	BS090
DD113K1	04111-87743	GS439	11115-87724	DA110G1	BR760
DD113K1	04111-87771	GS439	11115-87727	DA109G1	BR670
DD114A1	04111-87239	GV650	11115-87728	DA109G1	BR670
DD115A1	04111-87221	GV660	11115-87729	DA113G1	BS430
DD116A1	04111-87270	FC5740	11115-87732	DA112G1	BS090
DD117A1	04111-97206	FG5920	11115-87733	DA103G1	BM250
GA101F2	11115-1292A1	BC140N	11115-87734	DA103G1	BM250
GA102F1	11115-1330A	BC150	11115-97201	DA117N1	AG5920
GA102F1	2334-1012-01	BC150			
GA103F1	11115-1201A	BC160			
GA103F1	2400-1005-20	BC160			
GA104F1	11115-1012	BJ270	96325170	WA101G1	AG7990
GA104F1	11115-1012A	BJ270	96378802	WA102M1	AG8000
GA104F1	11115-1012D	BJ270			
GA105F1	11115-1411	BJ280			
GA105F1	2382-1002-30	BJ280			
GA105F2	11115-1411A1	BJ280N	04010-0029	GD102A1	GC150
GA106F1	11115-1021	BJ970	04010-0035	GD105A1	GJ280
GA106F1	11115-1021B	BJ970	04010-0041A	GD103A1	GC160
GA106F1	11115-1022A	BJ970	04010-0041AHS	GB103A1	DC160
GA107F1	11115-1151	BJ980	04010-0043	GD107A1	GJ980
GA107F1	11115-1151A	BJ980	04010-0046	GD104A1	GJ270
GA107F1	11115-1151B	BJ980	04010-0047	GD105A1	GJ280
GA107F1	11115-1151C	BJ980	04010-0087	GD105A1	GJ280
GA107F1	11115-1390	BJ980	04010-0088	GD104A1	GJ270
GA107F1	2380-1002-01	BJ980	04010-0088HS	GB104A1	DJ270
GA107F1	2380-1002-20	BJ980	04010-0089	GD108A1	GK960
GA108F1	11115-1120	BK960	04010-0089HS	GB108A1	DK960
GA108F1	11115-1121	BK960	04010-0093	GD102A1	GC150
GA108F1	11115-1121B	BK960	04010-0093A	GD102A1	GC150
GA108F1	11115-1802	BK960	04010-0102	GB106A1	DJ970

### Daewoo

### Hino

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
GA108F1	11115-1810	BK960	04010-0108	GD107A1	GJ980
GA108F2	11115-1121A	BK960(N)	04010-0112	GD103A1	GC160
GA108F2	11115-1122	BK960(N)	04010-0141	GD108A1	GK960
GA111G1	11115-1292A1	BL130	04010-0146	GD106A1	GJ970
GA111G1	11115-1560	BL130	04010-0152	GD114A1	GN520
GA114F1	11115-1054	BN520	04010-0152HS	GB114A1	DN520
GA114F1	11115-1730	BN520	04010-0153	GD116A1	GR800
GA114F1	11115-1840	BN520	04010-0158	GD114B1	GN521
GA114F1	11115-1840A	BN520	04010-0169	GD108A1	GK960
GA114F1	11115-2030	BN520	04010-0170	GD116A1	GR800
GA114F2	11115-2030A1	BN520N	04010-0170A1	GD116A2	GR800N
GA115F1	11115-1072	BR710	04010-0170HS	GB116A1	DR800
GA115F1	11115-1077	BR710	04010-0170HSA1	GB116A2	DR800N
GA115F1	11115-2040	BR710	04010-0189	GD115A1	GR710
GA115F1	11115-2040A	BR710	04010-0201	GD115A1	GR710
GA116F1	11115-1060	BR800	04010-0201HS	GB115A1	DR710
GA116F1	11115-1061	BR800	04010-0204	GD119A1	GX510
GA116F1	11115-1062	BR800	04010-0204HS	GB119A1	DX510
GA116F2	11115-1062A1	BR800N	04010-0228	GD108B1	GK961
GA117F1	11115-1181	BR810	04010-0228HS	GB108B1	DK961
GA118M1	11115-1781	BV590	04010-0240	GD116A1	GR800
GA118M2	11115-1781A1	BV590N	04010-0266	GD119A1	GX510
GA119M1	11115-2190	BX510	04010-0281	GD114B1	GN521
GA120F1	11115-1721	BS900	04010-0291	GD119A1	GX510
GA120F1	11115-1722	BS900	04010-0291HS	GB119A1	DX510
GA120F1	11115-1722A	BS900	04010-0294	GD114B1	GN521
GA120F1	11115-1722B	BS900	04010-0317	GD118A1	GV590
GA120F1	11115-1722C	BS900	04010-0317HS	GB118A1	DV590
GA121F1	11115-1570	BC170	04010-0317HSA1	GB118A2	DV590N
GA121F1	11115-1650	BC170	04010-2006	GB105A1	DJ280
GA121F1	11115-1670	BC170	04010-2006A	GB105A1	DJ280
GA121F1	2352-1005-04	BC170	04010-2008A	GB102A1	DC150
GA122M1	11115-2741		04010-2012	GB107A1	DJ980
GA122M1	11115-2810		11115-1012	GA104F1	BJ270
GA123M1	11115-2870		11115-1012A	GA104F1	BJ270
GA123M1	11115-2870A		11115-1012D	GA104F1	BJ270
GA124F1	11115-1987		11115-1021	GA106F1	BJ970
GA124F1	11115-2221		11115-1021B	GA106F1	BJ970
GA124F1	11115-2221D		11115-1022A	GA106F1	BJ970
GA124F1	11115-2720		11115-1054	GA114F1	BN520
GA125F1	11115-2180		11115-1060	GA116F1	BR800
GA126F1	11115-2492		11115-1061	GA116F1	BR800
GA127F1	11115-2561		11115-1062	GA116F1	BR800
GA128F1	11115-2611		11115-1062A1	GA116F2	BR800N
GA128F1	11115-2611A		11115-1072	GA115F1	BR710
GA129F1	11115-2701A		11115-1077	GA115F1	BR710
GA130F1	11115-2900		11115-1120	GA108F1	BK960
GA131F1	11115-2451		11115-1121	GA108F1	BK960
GA131F1	11115-2451B		11115-1121A	GA108F2	BK960(N)
GA132F1	11115-1851		11115-1121B	GA108F1	BK960

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
GA133F1	11115-2070		11115-1122	GA108F2	BK960(N)
GA134F1	11115-2440		11115-1151	GA107F1	BJ980
GA135F1	11115-2540		11115-1151A	GA107F1	BJ980
GA136F1	11115-2542		11115-1151B	GA107F1	BJ980
GA137F1	11115-2780		11115-1151C	GA107F1	BJ980
GA138F1	11115-2390		11115-1181	GA117F1	BR810
GA139F1	11115-2340		11115-1201A	GA103F1	BC160
GB102A1	04010-2008A	DC150	11115-1292A1	GA101F2	BC140N
GB103A1	04010-0041AHS	DC160	11115-1292A1	GA111G1	BL130
GB104A1	04010-0088HS	DJ270	11115-1330A	GA102F1	BC150
GB105A1	04010-2006	DJ280	11115-1390	GA107F1	BJ980
GB105A1	04010-2006A	DJ280	11115-1411	GA105F1	BJ280
GB106A1	04010-0102	DJ970	11115-1411A1	GA105F2	BJ280N
GB107A1	04010-2012	DJ980	11115-1560	GA111G1	BL130
GB108A1	04010-0089HS	DK960	11115-1570	GA121F1	BC170
GB108B1	04010-0228HS	DK961	11115-1650	GA121F1	BC170
GB114A1	04010-0152HS	DN520	11115-1670	GA121F1	BC170
GB115A1	04010-0201HS	DR710	11115-1721	GA120F1	BS900
GB116A1	04010-0170HS	DR800	11115-1722	GA120F1	BS900
GB116A2	04010-0170HSA1	DR800N	11115-1722A	GA120F1	BS900
GB117A1		DR810	11115-1722B	GA120F1	BS900
GB118A1	04010-0317HS	DV590	11115-1722C	GA120F1	BS900
GB118A2	04010-0317HSA1	DV590N	11115-1730	GA114F1	BN520
GB119A1	04010-0204HS	DX510	11115-1781	GA118M1	BV590
GB119A1	04010-0291HS	DX510	11115-1781A1	GA118M2	BV590N
GD102A1	04010-0029	GC150	11115-1802	GA108F1	BK960
GD102A1	04010-0093	GC150	11115-1810	GA108F1	BK960
GD102A1	04010-0093A	GC150	11115-1840	GA114F1	BN520
GD102A1	9953-1001-50	GC150	11115-1840A	GA114F1	BN520
GD102A1	9953-1001-53	GC150	11115-1851	GA132F1	
GD103A1	04010-0041A	GC160	11115-1987	GA124F1	
GD103A1	04010-0112	GC160	11115-2030	GA114F1	BN520
GD103A1	9953-1001-70	GC160	11115-2030A1	GA114F2	BN520N
GD103A1	9953-1001-77	GC160	11115-2040	GA115F1	BR710
GD104A1	04010-0046	GJ270	11115-2040A	GA115F1	BR710
GD104A1	04010-0088	GJ270	11115-2070	GA133F1	
GD105A1	04010-0035	GJ280	11115-2180	GA125F1	
GD105A1	04010-0047	GJ280	11115-2190	GA119M1	BX510
GD105A1	04010-0087	GJ280	11115-2221	GA124F1	
GD106A1	04010-0146	GJ970	11115-2221D	GA124F1	
GD107A1	04010-0043	GJ980	11115-2340	GA139F1	
GD107A1	04010-0108	GJ980	11115-2390	GA138F1	
GD108A1	04010-0089	GK960	11115-2440	GA134F1	
GD108A1	04010-0141	GK960	11115-2451	GA131F1	
GD108A1	04010-0169	GK960	11115-2451B	GA131F1	
GD108B1	04010-0228	GK961	11115-2492	GA126F1	
GD114A1	04010-0152	GN520	11115-2540	GA135F1	
GD114B1	04010-0158	GN521	11115-2542	GA136F1	
GD114B1	04010-0281	GN521	11115-2561	GA127F1	
GD114B1	04010-0294	GN521	11115-2611	GA128F1	



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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
GD115A1	04010-0189	GR710	11115-2611A	GA128F1	
GD115A1	04010-0201	GR710	11115-2701A	GA129F1	
GD116A1	04010-0153	GR800	11115-2720	GA124F1	
GD116A1	04010-0170	GR800	11115-2741	GA122M1	
GD116A1	04010-0240	GR800	11115-2780	GA137F1	
GD116A2	04010-0170A1	GR800N	11115-2810	GA122M1	
GD117A1		GR810	11115-2870	GA123M1	
GD118A1	04010-0317	GV590	11115-2870A	GA123M1	
GD119A1	04010-0204	GX510	11115-2900	GA130F1	
GD119A1	04010-0266	GX510	2334-1012-01	GA102F1	BC150
GD119A1	04010-0291	GX510	2352-1005-04	GA121F1	BC170
HA101G1	12251-634-000	BC630	2380-1002-01	GA107F1	BJ980
HA101G1	12251-634-010	BC630	2380-1002-20	GA107F1	BJ980
HA101G1	12251-634-020	BC630	2382-1002-30	GA105F1	BJ280
HA101G1	12251-642-010	BC630	2400-1005-20	GA103F1	BC160
HA101G1	12251-642-020	BC630	9953-1001-50	GD102A1	GC150
HA102F1	12251-657-000	BE090	9953-1001-53	GD102A1	GC150
HA102F1	12251-657-010	BE090	9953-1001-70	GD103A1	GC160
HA103G1	12251-657-003	BE100	9953-1001-77	GD103A1	GC160
HA103G1	12251-657-013	BE100			
HA103G1	12251-657-315	BE100	<b>Honda</b>		
HA103G1	12251-657-325	BE100			
HA104G1	12251-689-000	BE120	06110-634-670	HB101A1	DC631
HA104G1	12251-689-010	BE120	06110-634-670+C/S	HD101A1	GC631
HA104G1	12251-PB2-000	BE120	06110-634-671	HB101A1	DC631
HA105G1	12251-673-000	BG710	06110-634-671+C/S	HD101A1	GC631
HA105G1	12251-673-004	BG710	06110-634-672	HB101A1	DC631
HA105G1	12251-PA0-000	BG710	06110-634-672+C/S	HD101A1	GC631
HA106G1	12251-679-004	BJ610	06110-657-010	HB102B1	DE090
HA106G1	12251-679-014	BJ610	06110-657-010+C/S	HD102B1	GE090
HA106G1	12251-679-024	BJ610	06110-664-010	HB102A1	DE091
HA107G1	12251-PC1-000	BK100	06110-664-010+C/S	HD102A1	GE091
HA107G1	12251-PC1-020	BK100	06110-664-060	HB103B1	DE101
HA108G1	12251-671-000	BK110	06110-664-060+C/S	HD103B1	GE101
HA108G1	12251-671-010	BK110	06110-664-091	HB103B1	DE101
HA108G1	12251-671-020	BK110	06110-664-091+C/S	HD103B1	GE101
HA108G1	12251-671-030	BK110	06110-673-000	HB105A1	DG710
HA108G1	12251-671-303	BK110	06110-673-000+C/S	HD105A1	GG710
HA108G1	12251-PA6-000	BK110	06110-679-000	HB106A1	DJ610
HA108G1	12251-PA6-004	BK110	06110-679-000+C/S	HD106A1	GJ610
HA109G1	12251-PC6-662	BL360	06110-679-010	HB106A1	DJ610
HA109G1	12251-PC6-663	BL360	06110-679-010+C/S	HD106A1	GJ610
HA110G1	12251-PC7-003	BM920	06110-689-030	HB104B1	DE121
HA110G1	12251-PC7-662	BM920	06110-689-030+C/S	HD104B1	GE121
HA110G1	12251-PD6-003	BM920	06110-689-100	HB104B1	DE121
HA110G1	12251-PD6-013	BM920	06110-689-100+C/S	HD104B1	GE121
HA111G1	12251-PE0-003	BM990	06110-689-120	HB104B1	DE121
HA111G1	12251-PE0-004	BM990	06110-689-130	HB104B1	DE121
HA111G1	12251-PE0-010	BM990	06110-689-130+C/S	HD104B1	GE121
HA111G1	12251-PE0-013	BM990	06110-689-670	HB104B1	DE121

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
HA111G1	12251-PE0-023	BM990	06110-P13-000	HB132A1	DV340
HA111G1	12251-PE3-003	BM990	06110-P13-000+C/S	HD132A1	GV340
HA111G1	12251-PE3-004	BM990	06110-P14-000	HB125A1	DV030
HA111G1	12251-PE3-014	BM990	06110-P14-000+C/S	HD125A1	GV030
HA112G1	12251-PC0-010	BN240	06110-P27-010	HB133B1	DV351
HA113G1	12251-PH4-003	BN450	06110-P27-010+C/S	HD133B1	GV351
HA114G1	12251-PG6-003	BP630	06110-P29-000	HB122C1	DS882
HA115G1	12251-PH7-003	BP640	06110-P29-000+C/S	HD122C1	GS882
HA115G1	12251-PH7-004	BP640	06110-P5M-000	HB147A1	CG5760
HA116G1	12251-PH3-003	BP740	06110-P5M-000+C/S	HD147A1	FG5760
HA116G1	12251-PH3-023	BP740	06110-PA6-020	HB101E1	DC637
HA117G1	12251-PM3-003	BR540	06110-PA6-020+C/S	HD101E1	GC635
HA117G1	12251-PM5-000	BR540	06110-PA6-050	HB101E1	DC637
HA118G1	12251-PL2-003	BR650	06110-PCX-000	HB146A1	
HA119G1	12251-PK1-660	BS110	06110-PCX-000+C/S	HD146A1	
HA119G1	12251-PK1-661	BS110	06110-PHM-000	HB148A1	
HA119G1	12251-PK1-662	BS110	06110-PHM-000+C/S	HD148A1	FG7960
HA120M1	12251-PT0-004	BS700	06110-PHM-000+C/S	HD148A1	FG7960
HA120M1	12251-PT0-014	BS700	06110-PLC-010	HB141A1	CG5790
HA120M1	12251-PT0-J02	BS700	06110-PLC-010+C/S	HD141A1	
HA121G1	12251-PC7-010	BS710	06110-PO3-000	HB133A1	DV350
HA121G1	12251-PC7-013	BS710	06110-PO3-000+C/S	HD133A1	GV350
HA122G1	12251-PM7-003	BS880	06110-PO7-000	HB124A1	DV020
HA123M1	12251-PR4-004	BS890	06110-PO8-000	HB124A1	DV020
HA123M1	12251-PR4-A12	BS890	06110-PO8-000+C/S	HD124A1	GV020
HA124M1	12251-PO8-004	BV020	06110-PR2-000	HB133D1	DV353
HA125M1	12251-P14-A02	BV030	06110-PR2-000+C/S	HD133D1	
HA126M1	12251-P30-004	BV040	06110-PR3-000	HB126A1	CB5210
HA126M1	12251-P30-014	BV040	06110-PR3-000+C/S	HD126A1	
HA128M1	12251-PV1-004	BV070	06110-PR3-010	HB126A1	CB5210
HA129G1	12251-PY3-003	BV090	06110-PR4-000	HB123D1	DS893
HA132M1	12251-P13-004	BV340	06110-PR4-000+C/S	HD123D1	
HA133G1	12251-PM5-S01	BV350	06110-PR4-010	HB123D1	DS893
HA133G1	12251-PM5-S02	BV350	06110-PT2-020	HB120D1	DS703
HA134M1	12251-POA-004	BV830	06110-PT2-020+C/S	HD120D1	
HA135M1	12251-PS4-004	BX450	06110-PT3-A00	HB120C1	DS702
HA141M1	12251-PLC-003	AD5010	06110-PT3-A01	HB120C1	DS702
HA141M1	12251-PLC-003	AD5230	06110-PT3-A01+C/S	HD120C1	
HA141M1	12251-PLC-003	AG5790	06110-PY3-000	HB129A1	DV090
HA142M1	12251-PPA-004	AE5770	06110-PY3-000+C/S	HD129A1	GV090
HA143M1	12251-PJ7-004	BX440	061A1-676-000	HB104B1	DE121
HA144M1	12251-PNA-004	AG5810	061A1-679-010	HB106A1	DJ610
HA146M1	12251-PCX-004	AG8010	061A1-679-010+C/S	HD106B1	GJ611
HA147M1	12251-P5M-004	AG5760	061A1-PA6-010	HB108B1	DK112
HA148m1	12251-PHM-004	AG7960	061A1-PA6-010+C/S	HD108B1	GK112
HB101A1	06110-634-670	DC631	061A1-PA6-020	HB108B1	DK112
HB101A1	06110-634-671	DC631	061A1-PA6-020+C/S	HD108B1	GK112
HB101A1	06110-634-672	DC631	061A1-PC0-010	HB112A1	DN240
HB101B1		DC632	061A1-PC0-010+C/S	HD112A1	GN240
HB101C1		DC633	061A1-PC1-000	HB107A1	DK100

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
HB101E1	06110-PA6-020	DC637	061A1-PC1-000+C/S	HD107A1	GK100
HB101E1	06110-PA6-050	DC637	061A1-PC1-010	HB107A1	DK100
HB102A1	06110-664-010	DE091	061A1-PC1-010+C/S	HD107A1	GK100
HB102B1	06110-657-010	DE090	061A1-PC7-030	HB110A1	DM920
HB103B1	06110-664-060	DE101	061A1-PC7-040	HB110A1	DM920
HB103B1	06110-664-091	DE101	061A1-PC7-050	HB110A1	DM920
HB104B1	06110-689-030	DE121	061A1-PC7-660	HB110A1	DM920
HB104B1	06110-689-100	DE121	061A1-PC7-660+C/S	HD110A1	GM920
HB104B1	06110-689-120	DE121	061A1-PC7-661	HB110A1	DM920
HB104B1	06110-689-130	DE121	061A1-PD2-000	HB109C1	DL361
HB104B1	06110-689-670	DE121	061A1-PD2-000+C/S	HD109C1	GL362
HB104B1	061A1-676-000	DE121	061A1-PD3-000	HB110B1	DM921
HB105A1	06110-673-000	DG710	061A1-PD3-000+C/S	HD110B1	GM921
HB105D1		DG713	061A1-PD6-000	HB110C1	DM922
HB106A1	06110-679-000	DJ610	061A1-PD6-000+C/S	HD110C1	GM922
HB106A1	06110-679-010	DJ610	061A1-PE1-661	HB111E1	DM994
HB106A1	061A1-679-010	DJ610	061A1-PE1-661+C/S	HD111E1	GM994
HB107A1	061A1-PC1-000	DK100	061A1-PE1-662	HB111E1	DM994
HB107A1	061A1-PC1-010	DK100	061A1-PE1-662+C/S	HD111E1	GM994
HB108B1	061A1-PA6-010	DK112	061A1-PE1-720	HB111D1	DM993
HB108B1	061A1-PA6-020	DK112	061A1-PE1-720+C/S	HD111D1	GM993
HB109C1	061A1-PD2-000	DL361	061A1-PE1-721	HB111D1	DM993
HB110A1	061A1-PC7-030	DM920	061A1-PE7-000+C/S	HD111C1	GM992
HB110A1	061A1-PC7-040	DM920	061A1-PE7-661+C/S	HD111C1	GM992
HB110A1	061A1-PC7-050	DM920	061A1-PE8-000	HB112A1	DN240
HB110A1	061A1-PC7-660	DM920	061A1-PE8-000+C/S	HD112A1	GN240
HB110A1	061A1-PC7-661	DM920	061A1-PG7-660	HB114A1	DP630
HB110B1	061A1-PD3-000	DM921	061A1-PG7-660+C/S	HD114A1	GP630
HB110C1	061A1-PD6-000	DM922	061A1-PG7-A00	HB122A1	DS880
HB111D1	061A1-PE1-720	DM993	061A1-PG7-A00+C/S	HD122A1	GS880
HB111D1	061A1-PE1-721	DM993	061A1-PG7-A01	HB122A1	DS880
HB111E1	061A1-PE1-661	DM994	061A1-PH3-000	HB116A1	DP740
HB111E1	061A1-PE1-662	DM994	061A1-PH3-000+C/S	HD116A1	GP740
HB112A1	061A1-PC0-010	DN240	061A1-PH3-660	HB116A1	DP740
HB112A1	061A1-PE8-000	DN240	061A1-PH4-000	HB113A1	DN450
HB113A1	061A1-PH4-000	DN450	061A1-PH4-000+C/S	HD113A1	GN450
HB113A1	061A1-PH4-600	DN450	061A1-PH4-600	HB113A1	DN450
HB113A1	061A1-PJ0-000	DN450	061A1-PH4-600+C/S	HD113A1	GN450
HB113B1	061A1-PJ0-660	DN451	061A1-PJ0-000	HB113A1	DN450
HB113B1	061A1-PJ0-A00	DN451	061A1-PJ0-000+C/S	HD113A1	GN450
HB114A1	061A1-PG7-660	DP630	061A1-PJ0-660	HB113B1	DN451
HB114A1	061A1-PJ1-000	DP630	061A1-PJ0-A00	HB113B1	DN451
HB114A1	061A1-PJ1-600	DP630	061A1-PJ0-A00+C/S	HD113B1	GN451
HB116A1	061A1-PH3-000	DP740	061A1-PJ1-000	HB114A1	DP630
HB116A1	061A1-PH3-660	DP740	061A1-PJ1-000+C/S	HD114A1	GP630
HB117A1	061A1-PM3-000	DR540	061A1-PJ1-600	HB114A1	DP630
HB117A1	061A1-PM3-700	DR540	061A1-PJ1-600+C/S	HD114A1	GP630
HB117A1	061A1-PM3-T04	DR540	061A1-PJ7-010	HB143A1	DX440
HB117B1	061A1-PM4-000	DR541	061A1-PJ7-010+C/S	HD143A1	GX440
HB117B1	061A1-PM6-000	DR541	061A1-PK1-305	HB119A1	DS110

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
HB117B1	061A1-PM6-G00	DR541	061A1-PK1-660	HB119A1	DS110
HB117B1	061A1-PM6-G01	DR541	061A1-PK1-660+C/S	HD119A1	GS110
HB117B1	061A1-PM6-G02	DR541	061A1-PK1-680	HB119A1	DS110
HB117B1	061A1-PM6-G03	DR541	061A1-PK2-660	HB119B1	DS111
HB117B1	061A1-PM6-G04	DR541	061A1-PK2-660+C/S	HD119B1	GS111
HB118A1	061A1-PL2-000	DR650	061A1-PK2-A00	HB119B1	DS111
HB118A1	061A1-PL2-660	DR650	061A1-PL2-000	HB118A1	DR650
HB118A1	061A1-PL2-661	DR650	061A1-PL2-000+C/S	HD118A1	GR650
HB119A1	061A1-PK1-305	DS110	061A1-PL2-660	HB118A1	DR650
HB119A1	061A1-PK1-660	DS110	061A1-PL2-661	HB118A1	DR650
HB119A1	061A1-PK1-680	DS110	061A1-PM3-000	HB117A1	DR540
HB119B1	061A1-PK2-660	DS111	061A1-PM3-000+C/S	HD117A1	GR540
HB119B1	061A1-PK2-A00	DS111	061A1-PM3-020	HB133A1	DV350
HB120A1	061A1-PT3-000	DS700	061A1-PM3-020+C/S	HD133A1	GV350
HB120A1	061A1-PT3-010	DS700	061A1-PM3-700	HB117A1	DR540
HB120A1	061A1-PT3-A01	DS700	061A1-PM3-T04	HB117A1	DR540
HB120C1	06110-PT3-A00	DS702	061A1-PM4-000	HB117B1	DR541
HB120C1	06110-PT3-A01	DS702	061A1-PM4-000+C/S	HD117B1	GR541
HB120D1	06110-PT2-020	DS703	061A1-PM6-000	HB117B1	DR541
HB122A1	061A1-PG7-A00	DS880	061A1-PM6-000+C/S	HD117B1	GR541
HB122A1	061A1-PG7-A01	DS880	061A1-PM6-G00	HB117B1	DR541
HB122B1	061A1-PM7-G00	DS881	061A1-PM6-G01	HB117B1	DR541
HB122C1	06110-P29-000	DS882	061A1-PM6-G02	HB117B1	DR541
HB123D1	06110-PR4-000	DS893	061A1-PM6-G03	HB117B1	DR541
HB123D1	06110-PR4-010	DS893	061A1-PM6-G04	HB117B1	DR541
HB124A1	06110-PO7-000	DV020	061A1-PM7-G00	HB122B1	DS881
HB124A1	06110-PO8-000	DV020	061A1-PM7-G00+C/S	HD122B1	GS881
HB125A1	06110-P14-000	DV030	061A1-PS8-000	HB135A1	DX450
HB126A1	06110-PR3-000	CB5210	061A1-PS8-000+C/S	HD135A1	GX450
HB126A1	06110-PR3-010	CB5210	061A1-PT3-000	HB120A1	DS700
HB129A1	06110-PY3-000	DV090	061A1-PT3-000+C/S	HD120A1	GS700
HB132A1	06110-P13-000	DV340	061A1-PT3-004+C/S	HD120A1	GS700
HB133A1	06110-PO3-000	DV350	061A1-PT3-010	HB120A1	DS700
HB133A1	061A1-PM3-020	DV350	061A1-PT3-A01	HB120A1	DS700
HB133B1	06110-P27-010	DV351	12251-634-000	HA101G1	BC630
HB133D1	06110-PR2-000	DV353	12251-634-010	HA101G1	BC630
HB135A1	061A1-PS8-000	DX450	12251-634-020	HA101G1	BC630
HB141A1	06110-PLC-010	CG5790	12251-642-010	HA101G1	BC630
HB143A1	061A1-PJ7-010	DX440	12251-642-020	HA101G1	BC630
HB146A1	06110-PCX-000		12251-657-000	HA102F1	BE090
HB147A1	06110-P5M-000	CG5760	12251-657-003	HA103G1	BE100
HB148A1	06110-PHM-000		12251-657-010	HA102F1	BE090
HD101A1	06110-634-670+C/S	GC631	12251-657-013	HA103G1	BE100
HD101A1	06110-634-671+C/S	GC631	12251-657-315	HA103G1	BE100
HD101A1	06110-634-672+C/S	GC631	12251-657-325	HA103G1	BE100
HD101B1		GC632	12251-671-000	HA108G1	BK110
HD101C1		GC633	12251-671-010	HA108G1	BK110
HD101E1	06110-PA6-020+C/S	GC635	12251-671-020	HA108G1	BK110
HD102A1	06110-664-010+C/S	GE091	12251-671-030	HA108G1	BK110
HD102B1	06110-657-010+C/S	GE090	12251-671-303	HA108G1	BK110

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
HD103B1	06110-664-060+C/S	GE101	12251-673-000	HA105G1	BG710
HD103B1	06110-664-091+C/S	GE101	12251-673-004	HA105G1	BG710
HD104B1	06110-689-030+C/S	GE121	12251-679-004	HA106G1	BJ610
HD104B1	06110-689-100+C/S	GE121	12251-679-014	HA106G1	BJ610
HD104B1	06110-689-130+C/S	GE121	12251-679-024	HA106G1	BJ610
HD105A1	06110-673-000+C/S	GG710	12251-689-000	HA104G1	BE120
HD105D1		GG713	12251-689-010	HA104G1	BE120
HD106A1	06110-679-000+C/S	GJ610	12251-P13-004	HA132M1	BV340
HD106A1	06110-679-010+C/S	GJ610	12251-P14-A02	HA125M1	BV030
HD106B1	061A1-679-010+C/S	GJ611	12251-P30-004	HA126M1	BV040
HD107A1	061A1-PC1-000+C/S	GK100	12251-P30-014	HA126M1	BV040
HD107A1	061A1-PC1-010+C/S	GK100	12251-P5M-004	HA147M1	AG5760
HD108B1	061A1-PA6-010+C/S	GK112	12251-PA0-000	HA105G1	BG710
HD108B1	061A1-PA6-020+C/S	GK112	12251-PA6-000	HA108G1	BK110
HD109C1	061A1-PD2-000+C/S	GL362	12251-PA6-004	HA108G1	BK110
HD110A1	061A1-PC7-660+C/S	GM920	12251-PB2-000	HA104G1	BE120
HD110B1	061A1-PD3-000+C/S	GM921	12251-PC0-010	HA112G1	BN240
HD110C1	061A1-PD6-000+C/S	GM922	12251-PC1-000	HA107G1	BK100
HD111C1	061A1-PE7-000+C/S	GM992	12251-PC1-020	HA107G1	BK100
HD111C1	061A1-PE7-661+C/S	GM992	12251-PC6-662	HA109G1	BL360
HD111D1	061A1-PE1-720+C/S	GM993	12251-PC6-663	HA109G1	BL360
HD111E1	061A1-PE1-661+C/S	GM994	12251-PC7-003	HA110G1	BM920
HD111E1	061A1-PE1-662+C/S	GM994	12251-PC7-010	HA121G1	BS710
HD112A1	061A1-PC0-010+C/S	GN240	12251-PC7-013	HA121G1	BS710
HD112A1	061A1-PE8-000+C/S	GN240	12251-PC7-662	HA110G1	BM920
HD113A1	061A1-PH4-000+C/S	GN450	12251-PCX-004	HA146M1	AG8010
HD113A1	061A1-PH4-600+C/S	GN450	12251-PD6-003	HA110G1	BM920
HD113A1	061A1-PJ0-000+C/S	GN450	12251-PD6-013	HA110G1	BM920
HD113B1	061A1-PJ0-A00+C/S	GN451	12251-PE0-003	HA111G1	BM990
HD114A1	061A1-PG7-660+C/S	GP630	12251-PE0-004	HA111G1	BM990
HD114A1	061A1-PJ1-000+C/S	GP630	12251-PE0-010	HA111G1	BM990
HD114A1	061A1-PJ1-600+C/S	GP630	12251-PE0-013	HA111G1	BM990
HD116A1	061A1-PH3-000+C/S	GP740	12251-PE0-023	HA111G1	BM990
HD117A1	061A1-PM3-000+C/S	GR540	12251-PE3-003	HA111G1	BM990
HD117B1	061A1-PM4-000+C/S	GR541	12251-PE3-004	HA111G1	BM990
HD117B1	061A1-PM6-000+C/S	GR541	12251-PE3-014	HA111G1	BM990
HD118A1	061A1-PL2-000+C/S	GR650	12251-PG6-003	HA114G1	BP630
HD119A1	061A1-PK1-660+C/S	GS110	12251-PH3-003	HA116G1	BP740
HD119B1	061A1-PK2-660+C/S	GS111	12251-PH3-023	HA116G1	BP740
HD120A1	061A1-PT3-000+C/S	GS700	12251-PH4-003	HA113G1	BN450
HD120A1	061A1-PT3-004+C/S	GS700	12251-PH7-003	HA115G1	BP640
HD120C1	06110-PT3-A01+C/S		12251-PH7-004	HA115G1	BP640
HD120D1	06110-PT2-020+C/S		12251-PHM-004	HA148m1	AG7960
HD122A1	061A1-PG7-A00+C/S	GS880	12251-PJ7-004	HA143M1	BX440
HD122B1	061A1-PM7-G00+C/S	GS881	12251-PK1-660	HA119G1	BS110
HD122C1	06110-P29-000+C/S	GS882	12251-PK1-661	HA119G1	BS110
HD123D1	06110-PR4-000+C/S		12251-PK1-662	HA119G1	BS110
HD124A1	06110-PO8-000+C/S	GV020	12251-PL2-003	HA118G1	BR650
HD125A1	06110-P14-000+C/S	GV030	12251-PLC-003	HA141M1	AD5010
HD126A1	06110-PR3-000+C/S		12251-PLC-003	HA141M1	AD5230

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
HD129A1	06110-PY3-000+C/S	GV090	12251-PLC-003	HA141M1	AG5790
HD132A1	06110-P13-000+C/S	GV340	12251-PM3-003	HA117G1	BR540
HD133A1	06110-PO3-000+C/S	GV350	12251-PM5-000	HA117G1	BR540
HD133A1	061A1-PM3-020+C/S	GV350	12251-PM5-S01	HA133G1	BV350
HD133B1	06110-P27-010+C/S	GV351	12251-PM5-S02	HA133G1	BV350
HD133D1	06110-PR2-000+C/S		12251-PM7-003	HA122G1	BS880
HD135A1	061A1-PS8-000+C/S	GX450	12251-PNA-004	HA144M1	AG5810
HD141A1	06110-PLC-010+C/S		12251-PO8-004	HA124M1	BV020
HD143A1	061A1-PJ7-010+C/S	GX440	12251-POA-004	HA134M1	BV830
HD146A1	06110-PCX-000+C/S		12251-PPA-004	HA142M1	AE5770
HD147A1	06110-P5M-000+C/S	FG5760	12251-PR4-004	HA123M1	BS890
HD148A1	06110-PHM-000+C/S	FG7960	12251-PR4-A12	HA123M1	BS890
HD148A1	06110-PHM-000+C/S	FG7960	12251-PS4-004	HA135M1	BX450
JA101F1	9-11141-406-0	AJ150	12251-PT0-004	HA120M1	BS700
JA101F1	9-11141-600-0	AJ150	12251-PT0-014	HA120M1	BS700
JA101F1	94021816	AJ150	12251-PT0-J02	HA120M1	BS700
JA102T1	5-11141-017-0	AX180	12251-PV1-004	HA128M1	BV070
JA102T1	5-11141-017-2	AX180	12251-PY3-003	HA129G1	BV090
JA102T1	9-11141-532-0	AX180			
JA104G1	8-94210-441-0	BC220	<b>Hyundai</b>		
JA104G1	8-94210-441-1	BC220			
JA104G1	8-94210-441-2	BC220	20910-02B00	MD191A1	FG8050
JA104G1	8-94216-870-0	BC220	20910-02B00HS	MB191A1	
JA104G1	94200777	BC220	20910-02F00	MD183A1	FG8060
JA104G1	94210441	BC220	20910-11000	MD104A1	FX470
JA104G1	94216870	BC220	20910-11100	MD104A1	FX470
JA105G1	8-94211-865-0	BD360	20910-11600	MD102A1	FJ690
JA105G1	8-94216-869-0	BD360	20910-11610	MD102A1	FJ690
JA105G1	94201043	BD360	20910-21100	MD112A1	GE070
JA105G1	94211865	BD360	20910-22C10	MD188A1	GY730
JA105G1	94216869	BD360	20910-23A00	MD193A1	GY710
JA106T1	5-11141-088-0	BD730	20910-23A10	MD189A1	FG8040
JA106T1	9-11141-658-0	BD730	20910-23B00	MD185A1	GY720
JA107T1	9-11141-724-0	BJ240	20910-26A01	MD192A1	FG6040
JA108M1	1-11141-104-0	BJ260	20910-26A02	MD192A1	FA5400
JA108M1	1-11141-108-0	BJ260	20910-27C00	MD182A1	FG7910
JA108M1	1-11141-115-0	BJ260	20910-37D00	MD171A1	FG5690
JA108M1	9-11141-684-0	BJ260	20910-38C01	MD186A1	FF5070
JA108M1	9-11141-684-1	BJ260	20910-39A01	MD190A1	FG8090
JA108M1	9-89970-766-0	BJ260	20920-02F00	MB183A1	CG8060
JA109T1	5-11141-056-0	BJ480	20920-22C10	MB188A1	DY730
JA109T1	5-11141-056-1	BJ480	20920-23A00	MB193A1	DY710
JA109T1	9-11145-644-0	BJ480	20920-23A10	MB189A1	CG8040
JA110T1	9-11141-641-0	BJ530	20920-23B00	MB185A1	DY720
JA111T1	5-11141-069-0	BJ650	20920-23B00	MB185A1	CG5950
JA111T1	5-11141-069-1	BJ650	20920-23B00	MB185A1	CG5070
JA111T1	5-11141-072-0	BJ650	20920-23C00	MB181A1	CG8030
JA111T1	5-11141-072-1	BJ650	20920-26A01	MB192A1	CG6040
JA111T1	5-11141-072-2	BJ650	20920-26A02	MB192A1	CA5400
JA111T1	5-11141-073-1	BJ650	20920-27A00	MB173A1	CG7920

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
JA112T1	5-11141-004-0	BK040	20920-27A00FS	MD173A1	
JA112T1	5-11141-030-0	BK040	20920-27C00	MB182A1	CG7910
JA112T1	5-11141-057-0	BK040	20920-35A02	MB190A1	CG8090
JA112T1	5-11141-083-0	BK040	20920-37A00	MB178A1	DZ280
JA112T1	8-94145-839-0	BK040	20920-37A00FS	MD178A1	
JA112T1	94045453	BK040	20920-37D00	MB171A1	CG5690
JA112T1	94145839	BK040	20920-38B00	MB187A1	CF5430
JA113M1	8-94232-468-0	BK500	20920-38C00	MB186A1	CF5070
JA113M1	8-94232-468-1	BK500	22311-02700	MA191F1	AG8050
JA113M1	8-94235-060-0	BK500	22311-02800	MA183M1	AG8060
JA113M1	8-94235-060-1	BK500	22311-11000	MA104G1	AX470
JA113M1	8-94248-027-0	BK500	22311-11600	MA102G1	AJ690
JA113M1	94232468	BK500	22311-21010	MA112G1	BE070
JA113M1	94235060	BK500	22311-21100	MA112G1	BE070
JA115T1	5-11141-067-1	BM370	22311-22001	MA188N1	BY730
JA115T1	5-11141-082-1	BM370	22311-22360	MA184M1	AG8070
JA115T1	94030188	BM370	22311-23000	MA185M1	AG5950
JA116G1	8-94213-809-1	BM490	22311-23000	MA185M1	AG5070
JA116G1	8-94461-093-0	BM490	22311-23000	MA185M1	BY720
JA116G1	94213809	BM490	22311-23000	MA185M1	BY720
JA117G1	8-94123-993-0	BN190	22311-23100	MA193M1	BY710
JA118G1	8-94258-197-0	BN610	22311-23110	MA189M1	AG8040
JA118G1	94258197	BN610	22311-23700	MA181M1	AG8030
JA119G1	8-94143-127-0	BP770	22311-26051	MA192F1	AG6040
JA119G1	8-97091-727-0	BP770	22311-26051	MA192F1	AA5400
JA120G1	8-94146-244-0	BP920	22311-27000	MA173M1	AG7920
JA120G1	8-94146-244-1	BP920	22311-27500	MA182M1	AG7910
JA120G1	8-94146-244-2	BP920	22311-32020	MA126G1	BL450
JA120G1	8-94324-053-0	BP920	22311-32650	MA142G1	BT880
JA120G1	94324053	BP920	22311-33010	MA138G1	BS240
JA121G1	8-94224-313-0	BP980	22311-33110	MA136G1	BS120
JA121G1	8-94224-313-1	BP980	22311-35020	MA190G1	AG8090
JA122G1	8-94124-880-0	BR190	22311-37210	MA178M1	BZ280
JA122G1	8-94438-880-0	BR190	22311-37320	MA171M1	AF5050
JA123M1	8-94156-078-0	BR200	22311-37320	MA171M1	AG5690
JA124M1	1-11141-090-2	BR550	22311-38100	MA187M1	AF5430
JA124M1	1-11141-170-0	BR550	22311-38200	MA186M1	AF5070
JA124M1	1-11141-170-1	BR550	22311-39501	MA176M1	AG7780
JA124M1	1-11141-171-0	BR550			
JA124M1	1-11141-195-0	BR550	<b>Isuzu</b>		
JA124M1	1-11141-196-0	BR550			
JA126M1	1-11141-125-0	BR820	1-11141-090-2	JA124M1	BR550
JA126M1	1-11141-161-0	BR820	1-11141-104-0	JA108M1	BJ260
JA126M1	94047400	BR820	1-11141-108-0	JA108M1	BJ260
JA127G1	8-94140-543-0	BR910	1-11141-115-0	JA108M1	BJ260
JA127G1	8-94140-543-1	BR910	1-11141-125-0	JA126M1	BR820
JA127G1	8-94140-543-2	BR910	1-11141-142-0	JA137M1	BX520
JA127G1	94140543	BR910	1-11141-161-0	JA126M1	BR820
JA128G1	8-94471-399-0	BR920	1-11141-170-0	JA124M1	BR550
JA128G1	8-94471-399-1	BR920	1-11141-170-1	JA124M1	BR550

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
JA129G1	8-94174-279-0	BR940	1-11141-171-0	JA124M1	BR550
JA130G1	8-94429-626-0	BS230	1-11141-195-0	JA124M1	BR550
JA130G1	8-94429-626-1	BS230	1-11141-196-0	JA124M1	BR550
JA130G1	94429626	BS230	1-11141-216-2	JA138M1	BX530
JA132M1	8-94232-097-1	BT790	1-87810-055-1	JD108A1	GJ260
JA132M1	8-97041-767-0	BT790	1-87810-078-1	JD109A1	GJ480
JA133G1	8-94463-678-0	BV560	1-87810-078-2	JD109A1	GJ480
JA137M1	1-11141-142-0	BX520	1-87810-187-0	JD109A1	GJ480
JA137M1	9-11141-142-0	BX520	1-87810-187-1	JD109A1	GJ480
JA138M1	1-11141-216-2	BX530	1-87810-187-2	JD109A1	GJ480
JA139M1	8-94109-553-1	BR990	1-87810-187-3	JD109A1	GJ480
JA139M1	8-94109-553-2	BR990	1-87810-187-4	JD109A1	GJ480
JA139M1	8-94332-326-0	BR990	1-87810-187-5	JD109A1	GJ480
JA139M1	8-94332-327-0	BR990	1-87810-189-0	JB111C1	DJ654
JA139M1	8-94332-328-0	BR990	1-87810-247-1	JD108C1	GJ262
JA139M1	8-94433-733-0	BR990	1-87810-247-2	JD108C1	GJ262
JA139M1	94332326	BR990	1-87810-247-3	JD108C1	GJ262
JA139M1	94332327	BR990	1-87810-247-4	JD108C1	GJ262
JA139M1	94332328	BR990	1-87810-264-0	JB108C1	DJ262
JA157M1	8-97066-196-0	AG7720	1-87810-275-0	JB109A1	DJ480
JA157M1	8-97066-196-0	AA5750	1-87810-275-1	JB109A1	DJ480
JB101A1		CJ151	1-87810-275-2	JB109A1	DJ480
JB102A1	5-87810-094-4HS	CX181	1-87810-275-3	JB109A1	DJ480
JB102B1	5-87810-115-0	CX182	1-87810-275-4	JB109A1	DJ480
JB102B1	5-87810-115-1	CX182	1-87810-276-0	JD109A1	GJ480
JB104A1	8-94219-641-1	DC221	1-87810-276-1	JD109A1	GJ480
JB104A1	94212237	DC221	1-87810-276-2	JD109A1	GJ480
JB104A1	94219641	DC221	1-87810-276-4	JD109A1	GJ480
JB105A1	8-94219-643-0	DD363	1-87810-363-0	JD109C1	GJ482
JB105A1	94202692	DD363	1-87810-363-0HS	JB109C1	DJ482
JB105A1	94213636	DD363	1-87810-363-1	JD109C1	GJ482
JB105A1	94219642	DD363	1-87810-363-2	JD109C1	GJ482
JB105A1	94219643	DD363	1-87810-395-0	JB126A1	DR820
JB105A1	94254789	DD363	1-87810-395-1	JB126A1	DR820
JB105A1	94255347	DD363	1-87810-401-0	JD126A1	GR820
JB106A1	5-87810-117-0	DD730	1-87810-401-2	JD126A1	GR820
JB106A1	5-87810-117-1	DD730	1-87810-404-0	JD124A1	GR550
JB106B1	5-87810-118-0	DD731	1-87810-404-1	JD124A1	GR550
JB106B1	5-87810-118-1	DD731	1-87810-404-1HS	JB124A1	DR550
JB107A1	9-88512-163-1HS	DJ240	1-87810-404-2	JD124A1	GR550
JB108A1	9-88512-171-0HS	DJ260	1-87810-404-3	JD124A1	GR550
JB108C1	1-87810-264-0	DJ262	1-87810-404-4	JD124A1	GR550
JB109A1	1-87810-275-0	DJ480	1-87810-404-5	JD124A1	GR550
JB109A1	1-87810-275-1	DJ480	1-87810-404-6	JD124A1	GR550
JB109A1	1-87810-275-2	DJ480	1-87810-430-0	JD108C1	GJ262
JB109A1	1-87810-275-3	DJ480	1-87810-430-1	JD108C1	GJ262
JB109A1	1-87810-275-4	DJ480	1-87810-430-2	JD108C1	GJ262
JB109A1	5-87810-081-1	DJ480	1-87810-430-3	JD108C1	GJ262
JB109A1	5-87810-081-2	DJ480	1-87810-430-4	JD108C1	GJ262
JB109A1	5-87810-081-3	DJ480	1-87810-440-7	JD124A1	GR550



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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
JB109A1	5-87810-081-4	DJ480	1-87810-609-0	JD124A1	GR550
JB109C1	1-87810-363-0HS	DJ482	1-87810-732-2	JD138A1	GX530
JB110A1	5-87810-043-0HS	DJ530	1-87810-732-2HS	JB138A1	
JB111A1	5-87810-116-0	DJ650	1-87810-874-1	JD124A1	GR550
JB111A1	5-87810-147-0	DJ650	5-11141-004-0	JA112T1	BK040
JB111A1	5-87810-147-1	DJ650	5-11141-017-0	JA102T1	AX180
JB111A1	5-87810-153-0	DJ650	5-11141-017-2	JA102T1	AX180
JB111A1	5-87810-153-1	DJ650	5-11141-030-0	JA112T1	BK040
JB111B1	5-87810-190-0	DJ652	5-11141-056-0	JA109T1	BJ480
JB111B1	5-87810-190-1	DJ652	5-11141-056-1	JA109T1	BJ480
JB111B1	94030182	DJ652	5-11141-057-0	JA112T1	BK040
JB111C1	1-87810-189-0	DJ654	5-11141-067-1	JA115T1	BM370
JB111C1	5-87810-189-0	DJ654	5-11141-069-0	JA111T1	BJ650
JB111C1	5-87810-189-1	DJ654	5-11141-069-1	JA111T1	BJ650
JB111C1	5-87810-189-2	DJ654	5-11141-072-0	JA111T1	BJ650
JB112A1	5-87810-119-0	DK041	5-11141-072-1	JA111T1	BJ650
JB112A1	5-87810-119-1	DK041	5-11141-072-2	JA111T1	BJ650
JB112B1	5-87810-168-0	DK042	5-11141-073-1	JA111T1	BJ650
JB112B1	5-87810-168-1	DK042	5-11141-082-1	JA115T1	BM370
JB112C1	5-87810-120-0	DK043	5-11141-083-0	JA112T1	BK040
JB112C1	5-87810-120-1	DK043	5-11141-088-0	JA106T1	BD730
JB112D1	5-87810-027-0	DK044	5-87810-001-0	JD101B1	FJ152
JB112D1	5-87810-215-0	DK044	5-87810-002-0	JD101A1	FJ151
JB112D1	5-87810-217-0HS	DK044	5-87810-011-0	JD101B1	FJ152
JB112G1	5-87810-286-0	DK047	5-87810-013-1	JD102A1	FX181
JB112G1	5-87810-286-1	DK047	5-87810-016-0	JD106A1	GD730
JB113B1	5-87810-163-0	DK501	5-87810-022-1	JD112A1	GK041
JB113B1	8-94121-629-0	DK501	5-87810-022-2	JD112A1	GK041
JB113B1	8-94121-629-1	DK501	5-87810-027-0	JB112D1	DK044
JB113B1	94029625	DK501	5-87810-043-0	JD110A1	GJ530
JB115B1	8-94115-243-0	DM370	5-87810-043-0HS	JB110A1	DJ530
JB115B1	8-94115-243-1	DM370	5-87810-051-0	JD106A1	GD730
JB115B1	8-94115-243-2	DM370	5-87810-051-1	JD106A1	GD730
JB115B1	8-94241-518-0	DM370	5-87810-053-0	JD106A1	GD730
JB115B1	8-94241-518-1	DM370	5-87810-053-1	JD106A1	GD730
JB115B1	8-94256-830-0	DM370	5-87810-053-2	JD106A1	GD730
JB115B1	94115243	DM370	5-87810-053-3	JD106A1	GD730
JB115B1	94241518	DM370	5-87810-053-4	JD106A1	GD730
JB115B1	94248829HS	DM370	5-87810-058-0	JD112A1	GK041
JB115D1	5-87811-307-0HS	DM371	5-87810-058-1	JD112A1	GK041
JB116A1	5-87810-124-0	DM491	5-87810-058-2	JD112A1	GK041
JB116A1	5-87810-124-1	DM491	5-87810-058-3	JD112A1	GK041
JB116A1	5-87810-246-0	DM491	5-87810-081-1	JB109A1	DJ480
JB116A1	5-87810-246-1	DM491	5-87810-081-2	JB109A1	DJ480
JB116A1	8-94115-244-0	DM491	5-87810-081-3	JB109A1	DJ480
JB116A1	8-94115-244-1	DM491	5-87810-081-4	JB109A1	DJ480
JB116A1	8-94115-244-2	DM491	5-87810-084-0	JD102B1	FX182
JB116A1	8-94248-502-0	DM491	5-87810-084-1	JD102B1	FX182
JB116A1	8-94248-502-1	DM491	5-87810-084-2	JD102B1	FX182
JB116A1	8-94248-502-2	DM491	5-87810-084-3	JD102B1	FX182

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JB116A1	8-94248-827-0	DM491	5-87810-084-4	JD102B1	FX182
JB116A1	8-94255-455-1	DM491	5-87810-094-0	JD102A1	FX181
JB117A1	5-87810-265-0	DN190	5-87810-094-2	JD102A1	FX181
JB117A1	8-94150-392-0	DN190	5-87810-094-4	JD102A1	FX181
JB117A1	94039282	DN190	5-87810-094-4HS	JB102A1	CX181
JB118A1	8-94414-300-0	DN610	5-87810-102-1	JD102B1	FX182
JB118A1	8-94414-300-1	DN610	5-87810-109-0	JD106B1	GD731
JB118A1	8-94414-300-2	DN610	5-87810-109-1	JD106B1	GD731
JB118A1	94414300	DN610	5-87810-109-2	JD106B1	GD731
JB119A1	5-87810-312-0	DP770	5-87810-109-3	JD106B1	GD731
JB119A1	5-87810-312-1	DP770	5-87810-112-0	JD111A1	GJ650
JB120A1	5-87810-321-0	DP920	5-87810-115-0	JB102B1	CX182
JB120A1	5-87810-321-1	DP920	5-87810-115-1	JB102B1	CX182
JB120A1	5-87810-321-2	DP920	5-87810-116-0	JB111A1	DJ650
JB120A1	5-87810-321-3	DP920	5-87810-117-0	JB106A1	DD730
JB120A1	5-87810-321-4	DP920	5-87810-117-1	JB106A1	DD730
JB120A1	5-87810-321-5	DP920	5-87810-118-0	JB106B1	DD731
JB120A1	5-87810-344-2	DP920	5-87810-118-1	JB106B1	DD731
JB120A1	5-87810-344-3	DP920	5-87810-119-0	JB112A1	DK041
JB120A1	5-87810-344-4	DP920	5-87810-119-1	JB112A1	DK041
JB120A1	8-94335-844-0	DP920	5-87810-120-0	JB112C1	DK043
JB120A1	8-94335-844-1	DP920	5-87810-120-1	JB112C1	DK043
JB120A1	94335844	DP920	5-87810-121-0	JD106B1	GD731
JB120A1	94335884	DP920	5-87810-121-1	JD106B1	GD731
JB121A1	5-87810-250-0	DP980	5-87810-121-2	JD106B1	GD731
JB121A1	5-87810-336-0	DP980	5-87810-124-0	JB116A1	DM491
JB122A1	8-94438-318-0	DR190	5-87810-124-1	JB116A1	DM491
JB123A1	5-87810-324-0	DR200	5-87810-145-0	JD111A1	GJ650
JB123A1	5-87810-324-1	DR200	5-87810-145-1	JD111A1	GJ650
JB123A1	5-87810-324-2	DR200	5-87810-145-2	JD111A1	GJ650
JB123A1	8-94248-830-0	DR200	5-87810-146-0	JD111A1	GJ650
JB124A1	1-87810-404-1HS	DR550	5-87810-146-1	JD111A1	GJ650
JB126A1	1-87810-395-0	DR820	5-87810-147-0	JB111A1	DJ650
JB126A1	1-87810-395-1	DR820	5-87810-147-1	JB111A1	DJ650
JB127A1	8-94445-762-1	DR911	5-87810-153-0	JB111A1	DJ650
JB127A1	8-94470-658-0	DR911	5-87810-153-1	JB111A1	DJ650
JB127A1	8-94470-658-1	DR911	5-87810-163-0	JB113B1	DK501
JB127A1	94470658	DR911	5-87810-167-0	JD112C1	GK043
JB128A1	8-94483-089-0	DR920	5-87810-167-1	JD112C1	GK043
JB129A1	5-87810-631-0	DR940	5-87810-167-2	JD112C1	GK043
JB129A1	8-94312-588-0	DR940	5-87810-167-3	JD112C1	GK043
JB129A1	8-94312-588-1	DR940	5-87810-168-0	JB112B1	DK042
JB130A1	8-94331-533-0	DS230	5-87810-168-1	JB112B1	DK042
JB130A1	8-94331-533-1	DS230	5-87810-170-0	JD115A1	GM370
JB130A1	8-94331-533-2	DS230	5-87810-170-1	JD115A1	GM370
JB130A1	8-94331-533-3	DS230	5-87810-170-2	JD115A1	GM370
JB130A1	94331533	DS230	5-87810-176-0	JD106B1	GD731
JB130B1	8-94386-254-0	DS232	5-87810-182-0	JD111B1	GJ653
JB130B1	8-94386-254-1	DS232	5-87810-182-1	JD111B1	GJ653
JB132A1	8-94335-843-1	DT790	5-87810-182-2	JD111B1	GJ653

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JB137A1	DJ262Y+BX520		5-87810-187-2	JD111A1	GJ650
JB138A1	1-87810-732-2HS		5-87810-187-3	JD111A1	GJ650
JB139A1	8-94319-376-0	DR990	5-87810-188-0	JD111C1	GJ654
JB139B1	5-87810-288-0	DR991	5-87810-188-1	JD111C1	GJ654
JD101A1	5-87810-002-0	FJ151	5-87810-188-2	JD111C1	GJ654
JD101A1	94022465	FJ151	5-87810-188-3	JD111C1	GJ654
JD101B1	5-87810-001-0	FJ152	5-87810-189-0	JB111C1	DJ654
JD101B1	5-87810-011-0	FJ152	5-87810-189-1	JB111C1	DJ654
JD101B1	94023333	FJ152	5-87810-189-2	JB111C1	DJ654
JD102A1	5-87810-013-1	FX181	5-87810-190-0	JB111B1	DJ652
JD102A1	5-87810-094-0	FX181	5-87810-190-1	JB111B1	DJ652
JD102A1	5-87810-094-2	FX181	5-87810-208-0	JD111D1	GJ655
JD102A1	5-87810-094-4	FX181	5-87810-208-2	JD111D1	GJ655
JD102A1	9-88512-172-0	FX181	5-87810-212-0	JD106B1	GD731
JD102A1	9-88512-172-1	FX181	5-87810-212-1	JD106B1	GD731
JD102A1	9-88512-172-2	FX181	5-87810-212-2	JD106B1	GD731
JD102A1	9-88512-172-3	FX181	5-87810-214-2	JD111B1	GJ653
JD102B1	5-87810-084-0	FX182	5-87810-215-0	JB112D1	DK044
JD102B1	5-87810-084-1	FX182	5-87810-216-3	JD112D1	GK044
JD102B1	5-87810-084-2	FX182	5-87810-217-0	JD112D1	GK044
JD102B1	5-87810-084-3	FX182	5-87810-217-0HS	JB112D1	DK044
JD102B1	5-87810-084-4	FX182	5-87810-217-1	JD112D1	GK044
JD102B1	5-87810-102-1	FX182	5-87810-217-2	JD112D1	GK044
JD102B1	94026746	FX182	5-87810-217-3	JD112D1	GK044
JD104A1	8-94212-235-0	GC221	5-87810-218-2	JD112B1	GK042
JD104A1	8-94219-639-0	GC221	5-87810-246-0	JB116A1	DM491
JD104A1	8-94219-639-1	GC221	5-87810-246-1	JB116A1	DM491
JD104A1	8-94219-639-2	GC221	5-87810-250-0	JB121A1	DP980
JD104A1	8-94219-639-4	GC221	5-87810-255-0	JD121A1	GP980
JD104A1	94212235	GC221	5-87810-264-0	JD117A1	GN190
JD104A1	94219639	GC221	5-87810-265-0	JB117A1	DN190
JD105A1	8-94212-236-0	GD363	5-87810-286-0	JB112G1	DK047
JD105A1	8-94219-640-0	GD363	5-87810-286-1	JB112G1	DK047
JD105A1	8-94219-640-1	GD363	5-87810-288-0	JB139B1	DR991
JD105A1	8-94235-476-0	GD363	5-87810-290-0	JD112G1	GK047
JD105A1	8-94254-788-0	GD363	5-87810-290-1	JD112G1	GK047
JD105A1	8-94254-788-1	GD363	5-87810-301-2	JD116B1	GM492
JD105A1	8-94255-345-0	GD363	5-87810-301-3	JD116B1	GM492
JD105A1	8-94255-345-1	GD363	5-87810-312-0	JB119A1	DP770
JD105A1	94207913	GD363	5-87810-312-1	JB119A1	DP770
JD105A1	94211881	GD363	5-87810-313-0	JD119A1	GP770
JD105A1	94212236	GD363	5-87810-319-0	JD120A1	GP920
JD105A1	94219640	GD363	5-87810-319-1	JD120A1	GP920
JD105A1	94235476	GD363	5-87810-319-2	JD120A1	GP920
JD105A1	94254788	GD363	5-87810-320-0	JD120B1	GP921
JD105A1	94255345	GD363	5-87810-320-1	JD120B1	GP921
JD106A1	5-87810-016-0	GD730	5-87810-320-2	JD120B1	GP921
JD106A1	5-87810-051-0	GD730	5-87810-320-3	JD120B1	GP921
JD106A1	5-87810-051-1	GD730	5-87810-320-4	JD120B1	GP921
JD106A1	5-87810-053-0	GD730	5-87810-321-0	JB120A1	DP920

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
JD106A1	5-87810-053-1	GD730	5-87810-321-1	JB120A1	DP920
JD106A1	5-87810-053-2	GD730	5-87810-321-2	JB120A1	DP920
JD106A1	5-87810-053-3	GD730	5-87810-321-3	JB120A1	DP920
JD106A1	5-87810-053-4	GD730	5-87810-321-4	JB120A1	DP920
JD106B1	5-87810-109-0	GD731	5-87810-321-5	JB120A1	DP920
JD106B1	5-87810-109-1	GD731	5-87810-323-0	JD123A1	GR200
JD106B1	5-87810-109-2	GD731	5-87810-323-1	JD123A1	GR200
JD106B1	5-87810-109-3	GD731	5-87810-323-2	JD123A1	GR200
JD106B1	5-87810-121-0	GD731	5-87810-323-3	JD123A1	GR200
JD106B1	5-87810-121-1	GD731	5-87810-324-0	JB123A1	DR200
JD106B1	5-87810-121-2	GD731	5-87810-324-1	JB123A1	DR200
JD106B1	5-87810-176-0	GD731	5-87810-324-2	JB123A1	DR200
JD106B1	5-87810-212-0	GD731	5-87810-331-0	JD123A1	GR200
JD106B1	5-87810-212-1	GD731	5-87810-331-1	JD123A1	GR200
JD106B1	5-87810-212-2	GD731	5-87810-331-2	JD123A1	GR200
JD107A1	9-88512-163-0	GJ240	5-87810-333-0	JD121A1	GP980
JD107A1	9-88512-163-1	GJ240	5-87810-336-0	JB121A1	DP980
JD108A1	1-87810-055-1	GJ260	5-87810-342-3	JD120B1	GP921
JD108A1	9-88512-171-0	GJ260	5-87810-343-0	JD120A1	GP920
JD108C1	1-87810-247-1	GJ262	5-87810-343-1	JD120A1	GP920
JD108C1	1-87810-247-2	GJ262	5-87810-343-2	JD120A1	GP920
JD108C1	1-87810-247-3	GJ262	5-87810-343-3	JD120A1	GP920
JD108C1	1-87810-247-4	GJ262	5-87810-344-2	JB120A1	DP920
JD108C1	1-87810-430-0	GJ262	5-87810-344-3	JB120A1	DP920
JD108C1	1-87810-430-1	GJ262	5-87810-344-4	JB120A1	DP920
JD108C1	1-87810-430-2	GJ262	5-87810-411-0	JD127A1	GR910
JD108C1	1-87810-430-3	GJ262	5-87810-456-0	JD139A1	GR990
JD108C1	1-87810-430-4	GJ262	5-87810-456-2	JD139B1	GR991
JD109A1	1-87810-078-1	GJ480	5-87810-459-1	JD112G1	GK047
JD109A1	1-87810-078-2	GJ480	5-87810-477-1	JD119A1	GP770
JD109A1	1-87810-187-0	GJ480	5-87810-579-2	JD139A1	GR990
JD109A1	1-87810-187-1	GJ480	5-87810-631-0	JB129A1	DR940
JD109A1	1-87810-187-2	GJ480	5-87810-648-1	JD139A1	GR990
JD109A1	1-87810-187-3	GJ480	5-87811-307-0	JD115D1	GM373
JD109A1	1-87810-187-4	GJ480	5-87811-307-OHS	JB115D1	DM371
JD109A1	1-87810-187-5	GJ480	8-94109-553-1	JA139M1	BR990
JD109A1	1-87810-276-0	GJ480	8-94109-553-2	JA139M1	BR990
JD109A1	1-87810-276-1	GJ480	8-94115-243-0	JB115B1	DM370
JD109A1	1-87810-276-2	GJ480	8-94115-243-1	JB115B1	DM370
JD109A1	1-87810-276-4	GJ480	8-94115-243-2	JB115B1	DM370
JD109C1	1-87810-363-0	GJ482	8-94115-244-0	JB116A1	DM491
JD109C1	1-87810-363-1	GJ482	8-94115-244-1	JB116A1	DM491
JD109C1	1-87810-363-2	GJ482	8-94115-244-2	JB116A1	DM491
JD110A1	5-87810-043-0	GJ530	8-94121-629-0	JB113B1	DK501
JD111A1	5-87810-112-0	GJ650	8-94121-629-1	JB113B1	DK501
JD111A1	5-87810-145-0	GJ650	8-94121-631-0	JD113C1	GK502
JD111A1	5-87810-145-1	GJ650	8-94121-631-1	JD113C1	GK502
JD111A1	5-87810-145-2	GJ650	8-94123-993-0	JA117G1	BN190
JD111A1	5-87810-146-0	GJ650	8-94124-625-0	JD121A1	GP980
JD111A1	5-87810-146-1	GJ650	8-94124-880-0	JA122G1	BR190

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
JD111A1	5-87810-187-2	GJ650	8-94140-543-0	JA127G1	BR910
JD111A1	5-87810-187-3	GJ650	8-94140-543-1	JA127G1	BR910
JD111A1	94029468	GJ650	8-94140-543-2	JA127G1	BR910
JD111B1	5-87810-182-0	GJ653	8-94143-127-0	JA119G1	BP770
JD111B1	5-87810-182-1	GJ653	8-94145-839-0	JA112T1	BK040
JD111B1	5-87810-182-2	GJ653	8-94146-244-0	JA120G1	BP920
JD111B1	5-87810-214-2	GJ653	8-94146-244-1	JA120G1	BP920
JD111B1	94029937	GJ653	8-94146-244-2	JA120G1	BP920
JD111C1	5-87810-188-0	GJ654	8-94150-392-0	JB117A1	DN190
JD111C1	5-87810-188-1	GJ654	8-94150-395-1	JD117A1	GN190
JD111C1	5-87810-188-2	GJ654	8-94151-887-0	JD118A1	GN610
JD111C1	5-87810-188-3	GJ654	8-94151-887-1	JD118A1	GN610
JD111C1	94030180	GJ654	8-94156-078-0	JA123M1	BR200
JD111D1	5-87810-208-0	GJ655	8-94167-780-0	JD123A1	GR200
JD111D1	5-87810-208-2	GJ655	8-94174-279-0	JA129G1	BR940
JD112A1	5-87810-022-1	GK041	8-94210-441-0	JA104G1	BC220
JD112A1	5-87810-022-2	GK041	8-94210-441-1	JA104G1	BC220
JD112A1	5-87810-058-0	GK041	8-94210-441-2	JA104G1	BC220
JD112A1	5-87810-058-1	GK041	8-94211-865-0	JA105G1	BD360
JD112A1	5-87810-058-2	GK041	8-94212-235-0	JD104A1	GC221
JD112A1	5-87810-058-3	GK041	8-94212-236-0	JD105A1	GD363
JD112B1	5-87810-218-2	GK042	8-94213-809-1	JA116G1	BM490
JD112C1	5-87810-167-0	GK043	8-94216-869-0	JA105G1	BD360
JD112C1	5-87810-167-1	GK043	8-94216-870-0	JA104G1	BC220
JD112C1	5-87810-167-2	GK043	8-94219-639-0	JD104A1	GC221
JD112C1	5-87810-167-3	GK043	8-94219-639-1	JD104A1	GC221
JD112D1	5-87810-216-3	GK044	8-94219-639-2	JD104A1	GC221
JD112D1	5-87810-217-0	GK044	8-94219-639-4	JD104A1	GC221
JD112D1	5-87810-217-1	GK044	8-94219-640-0	JD105A1	GD363
JD112D1	5-87810-217-2	GK044	8-94219-640-1	JD105A1	GD363
JD112D1	5-87810-217-3	GK044	8-94219-641-1	JB104A1	DC221
JD112G1	5-87810-290-0	GK047	8-94219-643-0	JB105A1	DD363
JD112G1	5-87810-290-1	GK047	8-94224-313-0	JA121G1	BP980
JD112G1	5-87810-459-1	GK047	8-94224-313-1	JA121G1	BP980
JD113B1	94029624	GK501	8-94232-097-1	JA132M1	BT790
JD113C1	8-94121-631-0	GK502	8-94232-468-0	JA113M1	BK500
JD113C1	8-94121-631-1	GK502	8-94232-468-1	JA113M1	BK500
JD115A1	5-87810-170-0	GM370	8-94235-060-0	JA113M1	BK500
JD115A1	5-87810-170-1	GM370	8-94235-060-1	JA113M1	BK500
JD115A1	5-87810-170-2	GM370	8-94235-476-0	JD105A1	GD363
JD115A1	8-94241-516-0	GM370	8-94241-516-0	JD115A1	GM370
JD115A1	8-94241-516-1	GM370	8-94241-516-1	JD115A1	GM370
JD115A1	8-94241-516-2	GM370	8-94241-516-2	JD115A1	GM370
JD115A1	8-94241-516-3	GM370	8-94241-516-3	JD115A1	GM370
JD115A1	8-94241-516-4	GM370	8-94241-516-4	JD115A1	GM370
JD115A1	94241516	GM370	8-94241-517-1	JD115B1	GM371
JD115B1	8-94241-517-1	GM371	8-94241-517-2	JD115B1	GM371
JD115B1	8-94241-517-2	GM371	8-94241-518-0	JB115B1	DM370
JD115B1	8-94256-831-0	GM371	8-94241-518-1	JB115B1	DM370
JD115B1	94241517	GM371	8-94248-027-0	JA113M1	BK500

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
JD115C1	8-94248-829-0	GM372	8-94248-502-0	JB116A1	DM491
JD115C1	8-94248-829-1	GM372	8-94248-502-1	JB116A1	DM491
JD115C1	8-94248-829-2	GM372	8-94248-502-2	JB116A1	DM491
JD115C1	8-94248-829-3	GM372	8-94248-827-0	JB116A1	DM491
JD115D1	5-87811-307-0	GM373	8-94248-829-0	JD115C1	GM372
JD116B1	5-87810-301-2	GM492	8-94248-829-1	JD115C1	GM372
JD116B1	5-87810-301-3	GM492	8-94248-829-2	JD115C1	GM372
JD117A1	5-87810-264-0	GN190	8-94248-829-3	JD115C1	GM372
JD117A1	8-94150-395-1	GN190	8-94248-830-0	JB123A1	DR200
JD117A1	94039281	GN190	8-94254-788-0	JD105A1	GD363
JD118A1	8-94151-887-0	GN610	8-94254-788-1	JD105A1	GD363
JD118A1	8-94151-887-1	GN610	8-94255-345-0	JD105A1	GD363
JD118A1	8-94360-352-0	GN610	8-94255-345-1	JD105A1	GD363
JD118A1	94151887	GN610	8-94255-455-1	JB116A1	DM491
JD119A1	5-87810-313-0	GP770	8-94256-830-0	JB115B1	DM370
JD119A1	5-87810-477-1	GP770	8-94256-831-0	JD115B1	GM371
JD120A1	5-87810-319-0	GP920	8-94258-197-0	JA118G1	BN610
JD120A1	5-87810-319-1	GP920	8-94312-587-0	JD129A1	GR940
JD120A1	5-87810-319-2	GP920	8-94312-588-0	JB129A1	DR940
JD120A1	5-87810-343-0	GP920	8-94312-588-1	JB129A1	DR940
JD120A1	5-87810-343-1	GP920	8-94319-370-0	JD139A1	GR990
JD120A1	5-87810-343-2	GP920	8-94319-376-0	JB139A1	DR990
JD120A1	5-87810-343-3	GP920	8-94324-053-0	JA120G1	BP920
JD120B1	5-87810-320-0	GP921	8-94331-532-1	JD130A1	GS230
JD120B1	5-87810-320-1	GP921	8-94331-532-2	JD130A1	GS230
JD120B1	5-87810-320-2	GP921	8-94331-533-0	JB130A1	DS230
JD120B1	5-87810-320-3	GP921	8-94331-533-1	JB130A1	DS230
JD120B1	5-87810-320-4	GP921	8-94331-533-2	JB130A1	DS230
JD120B1	5-87810-342-3	GP921	8-94331-533-3	JB130A1	DS230
JD120B1	8-94335-837-0	GP921	8-94332-326-0	JA139M1	BR990
JD120B1	8-94335-837-1	GP921	8-94332-327-0	JA139M1	BR990
JD120B1	8-94335-837-2	GP921	8-94332-328-0	JA139M1	BR990
JD120B1	94335837	GP921	8-94335-836-3	JD132A1	GT790
JD121A1	5-87810-255-0	GP980	8-94335-837-0	JD120B1	GP921
JD121A1	5-87810-333-0	GP980	8-94335-837-1	JD120B1	GP921
JD121A1	8-94124-625-0	GP980	8-94335-837-2	JD120B1	GP921
JD122A1	8-94438-315-0	GR190	8-94335-839-0	JD129A1	GR940
JD123A1	5-87810-323-0	GR200	8-94335-839-1	JD129A1	GR940
JD123A1	5-87810-323-1	GR200	8-94335-839-2	JD129A1	GR940
JD123A1	5-87810-323-2	GR200	8-94335-839-3	JD129A1	GR940
JD123A1	5-87810-323-3	GR200	8-94335-843-1	JB132A1	DT790
JD123A1	5-87810-331-0	GR200	8-94335-844-0	JB120A1	DP920
JD123A1	5-87810-331-1	GR200	8-94335-844-1	JB120A1	DP920
JD123A1	5-87810-331-2	GR200	8-94360-352-0	JD118A1	GN610
JD123A1	8-94167-780-0	GR200	8-94386-049-0	JD130B1	GS232
JD124A1	1-87810-404-0	GR550	8-94386-254-0	JB130B1	DS232
JD124A1	1-87810-404-1	GR550	8-94386-254-1	JB130B1	DS232
JD124A1	1-87810-404-2	GR550	8-94414-300-0	JB118A1	DN610
JD124A1	1-87810-404-3	GR550	8-94414-300-1	JB118A1	DN610
JD124A1	1-87810-404-4	GR550	8-94414-300-2	JB118A1	DN610

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
JD124A1	1-87810-404-5	GR550	8-94429-626-0	JA130G1	BS230
JD124A1	1-87810-404-6	GR550	8-94429-626-1	JA130G1	BS230
JD124A1	1-87810-440-7	GR550	8-94433-733-0	JA139M1	BR990
JD124A1	1-87810-609-0	GR550	8-94438-315-0	JD122A1	GR190
JD124A1	1-87810-874-1	GR550	8-94438-318-0	JB122A1	DR190
JD126A1	1-87810-401-0	GR820	8-94438-880-0	JA122G1	BR190
JD126A1	1-87810-401-2	GR820	8-94445-762-1	JB127A1	DR911
JD127A1	5-87810-411-0	GR910	8-94461-093-0	JA116G1	BM490
JD127A1	8-94470-657-0	GR910	8-94463-678-0	JA133G1	BV560
JD127A1	8-94470-657-1	GR910	8-94470-657-0	JD127A1	GR910
JD127A1	8-94470-657-2	GR910	8-94470-657-1	JD127A1	GR910
JD127A1	8-94470-657-3	GR910	8-94470-657-2	JD127A1	GR910
JD127A1	94470657	GR910	8-94470-657-3	JD127A1	GR910
JD128A1	8-94483-088-0	GR920	8-94470-658-0	JB127A1	DR911
JD129A1	8-94312-587-0	GR940	8-94470-658-1	JB127A1	DR911
JD129A1	8-94335-839-0	GR940	8-94471-399-0	JA128G1	BR920
JD129A1	8-94335-839-1	GR940	8-94471-399-1	JA128G1	BR920
JD129A1	8-94335-839-2	GR940	8-94483-088-0	JD128A1	GR920
JD129A1	8-94335-839-3	GR940	8-94483-089-0	JB128A1	DR920
JD130A1	8-94331-532-1	GS230	8-97041-767-0	JA132M1	BT790
JD130A1	8-94331-532-2	GS230	8-97066-196-0	JA157M1	AG7720
JD130B1	8-94386-049-0	GS232	8-97066-196-0	JA157M1	AA5750
JD130B1	94386049	GS232	8-97091-727-0	JA119G1	BP770
JD132A1	8-94335-836-3	GT790	9-11141-142-0	JA137M1	BX520
JD137A1	GJ262Y+BX520		9-11141-406-0	JA101F1	AJ150
JD138A1	1-87810-732-2	GX530	9-11141-532-0	JA102T1	AX180
JD139A1	5-87810-456-0	GR990	9-11141-600-0	JA101F1	AJ150
JD139A1	5-87810-579-2	GR990	9-11141-641-0	JA110T1	BJ530
JD139A1	5-87810-648-1	GR990	9-11141-658-0	JA106T1	BD730
JD139A1	8-94319-370-0	GR990	9-11141-684-0	JA108M1	BJ260
JD139B1	5-87810-456-2	GR991	9-11141-684-1	JA108M1	BJ260
KA101F1	6136-11-1813	BW810	9-11141-724-0	JA107T1	BJ240
KA101F1	6136-11-1821	BW810	9-11145-644-0	JA109T1	BJ480
KA101F1	6137-11-1810	BW810	94021816	JA101F1	AJ150
KA101F2	6136-11-1821A1	BW810N	94022465	JD101A1	FJ151
KA102G1	6206-11-1830	BW820	94023333	JD101B1	FJ152
KA102M1	6206-11-1821		94026746	JD102B1	FX182
KA102M1	6207-11-1821		94029468	JD111A1	GJ650
KA104M1	6150-17-1812		94029624	JD113B1	GK501
KA104M2	6150-17-1810		94029625	JB113B1	DK501
KA104M2	6150-17-1812A1		94029937	JD111B1	GJ653
KA104M2	6150-17-1813		94030180	JD111C1	GJ654
KA105M1	6151-12-1810		94030182	JB111B1	DJ652
KA105M2	6151-12-1810A1		94030188	JA115T1	BM370
KA105M2	6151-17-1853		94039281	JD117A1	GN190
KA106F1	6131-11-1811		94039282	JB117A1	DN190
KA107F1	6134-11-1810		94045453	JA112T1	BK040
KA107F1	6134-11-1811		94047400	JA126M1	BR820
KA108T1	6110-13-1811		94115243	JB115B1	DM370
KA109T1	6114-11-1811		94140543	JA127G1	BR910

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
KA110F1	6141-11-1813		94145839	JA112T1	BK040
KA111F1	6144-11-1810		94151887	JD118A1	GN610
KA112M1	6202-11-1812		94200777	JA104G1	BC220
KA113M1	6221-17-1811		94201043	JA105G1	BD360
KA114M1	6138-19-1811		94202692	JB105A1	DD363
KA115M1	6210-17-1813		94207913	JD105A1	GD363
KA116M1	6127-11-1087	BX380	94210441	JA104G1	BC220
KA116M1	6127-11-1817	BX380	94211865	JA105G1	BD360
KA117M1	6026-11-1810		94211881	JD105A1	GD363
KA118F1	6204-11-1810		94212235	JD104A1	GC221
KA118G1	6204-11-1810A1		94212236	JD105A1	GD363
KB101A2	6137-K1-3012A1	DW810N	94212237	JB104A1	DC221
KB101A3	6137-K1-3012A2		94213636	JB105A1	DD363
KB101B1	6136-K1-0111		94213809	JA116G1	BM490
KB102A2	6207-K1-2001A1	DW820N	94216869	JA105G1	BD360
KB102A3	6207-K1-2001A2		94216870	JA104G1	BC220
KB104A1	6151-K1-3000		94219639	JD104A1	GC221
KB104A2	6151-K1-3000A1		94219640	JD105A1	GD363
KB104B1	6150-K1-1200		94219641	JB104A1	DC221
KB104B1	6150-K1-1201		94219642	JB105A1	DD363
KB105A1	6155-K1-9900		94219643	JB105A1	DD363
KB105A2	6155-K1-9900A1		94232468	JA113M1	BK500
KB106A1	6130-K1-4100		94235060	JA113M1	BK500
KB107A1	6134-K1-5000		94235476	JD105A1	GD363
KB108A1	6110-K1-0001		94241516	JD115A1	GM370
KB109A1	6114-K1-9901		94241517	JD115B1	GM371
KB110A1	6141-K1-8000		94241518	JB115B1	DM370
KB111A1	6144-K1-0501		94248829HS	JB115B1	DM370
KB112A1	6205-K1-2100		94254788	JD105A1	GD363
KB113A1	6222-K1-3001		94254789	JB105A1	DD363
KB114A1	6138-K1-0102		94255345	JD105A1	GD363
KB115A1	6211-K1-0102		94255347	JB105A1	DD363
KB116A1	6128-K1-0024		94258197	JA118G1	BN610
KB116B1	6128-K1-9901	DX380	94324053	JA120G1	BP920
KB117A1	6207-K1-2100		94331533	JB130A1	DS230
KB118A1	6202-K1-3100		94332326	JA139M1	BR990
KB118A2	6202-K1-3100A1		94332327	JA139M1	BR990
KD101A2	6137-K1-3012+C/S	GW810N	94332328	JA139M1	BR990
KD101A3	6137-K1-3012+C/S		94335837	JD120B1	GP921
KD101B1	6136-K1-0111+C/S		94335844	JB120A1	DP920
KD101B1	6136-K1-0111+C/S		94335884	JB120A1	DP920
KD102A2	6207-K1-2002+C/S	GW820N	94386049	JD130B1	GS232
KD102A3	6207-K1-2001+C/S		94414300	JB118A1	DN610
KD104A1	6151-K1-3000+C/S		94429626	JA130G1	BS230
KD104A2	6151-K1-3000+C/S		94470657	JD127A1	GR910
KD104B1	6150-K1-1200+C/S		94470658	JB127A1	DR911
KD104B1	6150-K1-1201+C/S		9-88512-163-0	JD107A1	GJ240
KD105A1	6155-K1-9900+C/S		9-88512-163-1	JD107A1	GJ240
KD105A2	6155-K1-9900+C/S		9-88512-163-1HS	JB107A1	DJ240
KD106A1	6130-K1-4100+C/S		9-88512-171-0	JD108A1	GJ260



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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
KD112A1	6205-K1-2100+C/S		9-89970-766-0	JA108M1	BJ260
KD113A1	6222-K1-3001+C/S				
KD114A1	6138-K1-0102+C/S		<b><u>Kia</u></b>		
KD115A1	6211-K1-0102+C/S				
KD116A1	6128-K1-0024+C/S		22311-2X200	LA155M1	AG8260
KD116B1	6128-K1-9901+C/S	GX380	8ABJ-10-271	LD124D1	GR963
KD117A1	6207-K1-2100+C/S		8ABJ-10-271HS	LB124D1	
KD118A1	6202-K1-3100+C/S		KY03-10-271A	LA124G1	BR960
KD118A2	6202-K1-3100+C/S		OK247-10-271B	LA153M1	AG8200
LA101G1	0453-10-271	AJ120	OK2A3-10-271	LA157F1	AG7840
LA101G1	0453-10-271A	AJ120	OK2AC-10-270	LD157A1	FG7840
LA101G1	0453-10-271C	AJ120	OK2AC-10-270HS	LB157A1	CG7840
LA101G1	0453-10-271D	AJ120	OK2NC-10-271	LA155M1	AG8260
LA101G1	D97Z-6051A	AJ120	OK30C-10-270	LD158A1	FG7830
LA102F1	0249-10-271	AJ190	OK30C-10-270HS	LB158A1	CG7830
LA103F1	0268-10-271	AJ210	OK30C-10-271A	LA158M1	AG7830
LA103F1	4880-10-271	AJ210	OK30E-10-270	LD159A1	FG8250
LA105G1	0527-10-271A	AJ630	OK30E-10-270HS	LB159A1	CG8250
LA105G1	0636-10-271	AJ630	OK30E1-10-271A	LA159M1	AG8250
LA105G1	1355-10-271	AJ630	OK551-10-270	LD156A1	FG8140
LA105G1	1456-10-271	AJ630	OK551-10-270HS	LB156A1	CG8140
LA106G1	0727-10-271B	AJ640	OK551-10-271A	LA156M1	AG8140
LA106G1	0727-10-271C	AJ640	OK65A-10-271B	LA152M1	AE5470
LA107G1	0324-10-271	AJ650	OK9AB-10-270B	LD153A1	FG8200
LA107G1	0324-10-271A	AJ650	OK9AB-10-270BHS	LB153A1	CG8200
LA107G1	0324-10-271B	AJ650	OKAJ7-10-270	LD155A1	FG8260
LA107G1	0324-10-271C	AJ650	OKAJ7-10-270HS	LB155A1	CG8260
LA107G1	8034-10-271	AJ650			
LA107G1	8034-10-271A	AJ650	<b><u>Komatsu</u></b>		
LA107G1	8034-10-271B	AJ650			
LA109G1	0552-10-271	BE340	6026-11-1810	KA117M1	
LA109G1	0552-10-271B	BE340	6110-13-1811	KA108T1	
LA110G1	1363-10-271	BE360	6110-K1-0001	KB108A1	
LA111G1	8569-10-271	BE540	6110-K1-0001+C/S	KD108A1	
LA111G1	8569-10-271A	BE540	6114-11-1811	KA109T1	
LA112F1	E101-10-271	BJ420	6114-K1-9901	KB109A1	
LA113G1	E301-10-271	BJ430	6114-K1-9901+C/S	KD109A1	
LA113G1	E301-10-271A	BJ430	6127-11-1087	KA116M1	BX380
LA113G1	E301-10-271B	BJ430	6127-11-1817	KA116M1	BX380
LA113G1	E302-10-271	BJ430	6128-K1-0024	KB116A1	
LA113G1	E501-10-271	BJ430	6128-K1-0024+C/S	KD116A1	
LA113G1	E501-10-271A	BJ430	6128-K1-9901	KB116B1	DX380
LA113G1	E580-10-271	BJ430	6128-K1-9901+C/S	KD116B1	GX380
LA113G1	E580-10-271A	BJ430	6130-K1-4100	KB106A1	
LA113G1	E580-10-271B	BJ430	6130-K1-4100+C/S	KD106A1	
LA114G1	F801-10-271	BL320	6131-11-1811	KA106F1	
LA114G1	F801-10-271A	BL320	6134-11-1810	KA107F1	
LA114G1	F801-10-271B	BL320	6134-11-1811	KA107F1	
LA114G1	F801-10-271C	BL320	6134-K1-5000	KB107A1	
LA114G1	F801-10-271D	BL320	6134-K1-5000+C/S	KD107A1	

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
LA114G1	F802-10-271	BL320	6136-11-1813	KA101F1	BW810
LA114G1	FE30-10-271A	BL320	6136-11-1821	KA101F1	BW810
LA114G1	FE30-10-271B	BL320	6136-11-1821A1	KA101F2	BW810N
LA115G1	SE01-10-271	BL880	6136-K1-0111	KB101B1	
LA116G1	F601-10-271	BM300	6136-K1-0111+C/S	KD101B1	
LA116G1	F601-10-271A	BM300	6136-K1-0111+C/S	KD101B1	
LA116G1	F601-10-271B	BM300	6137-11-1810	KA101F1	BW810
LA116G1	F601-10-271C	BM300	6137-K1-3012+C/S	KD101A3	
LA116G1	F601-10-271D	BM300	6137-K1-3012+C/S	KD101A2	GW810N
LA117G1	RF03-10-271	BM730	6137-K1-3012A1	KB101A2	DW810N
LA117G1	RF03-10-271A	BM730	6137-K1-3012A2	KB101A3	
LA117G1	RF03-10-271D	BM730	6138-19-1811	KA114M1	
LA117G1	RF03-10-271G	BM730	6138-K1-0102	KB114A1	
LA118G1	E5D7-10-271	BP540	6138-K1-0102+C/S	KD114A1	
LA119G1	B660-10-271	BP570	6141-11-1813	KA110F1	
LA119G1	B660-10-271A	BP570	6141-K1-8000	KB110A1	
LA119G1	B660-10-271B	BP570	6141-K1-8000+C/S	KD110A1	
LA119G1	B660-10-271C	BP570	6144-11-1810	KA111F1	
LA120G1	B616-10-271	BP600	6144-K1-0501	KB111A1	
LA120G1	B616-10-271A	BP600	6144-K1-0501+C/S	KD111A1	
LA120G1	B630-10-271	BP600	6150-17-1810	KA104M2	
LA120G1	B630-10-271A	BP600	6150-17-1812	KA104M1	
LA120G1	E7GZ-6051A	BP600	6150-17-1812A1	KA104M2	
LA120G1	E7GZ-6051B	BP600	6150-17-1813	KA104M2	
LA121G1	SL01-10-271	BP840	6150-K1-1200	KB104B1	
LA121G1	SL01-10-271A	BP840	6150-K1-1200+C/S	KD104B1	
LA122G1	F202-10-271	BR730	6150-K1-1201	KB104B1	
LA122G1	F202-10-271A	BR730	6150-K1-1201+C/S	KD104B1	
LA122G1	F220-10-271A	BR730	6151-12-1810	KA105M1	
LA122G1	FE1H-10-271	BR730	6151-12-1810A1	KA105M2	
LA122G1	FE1H-10-271A	BR730	6151-17-1853	KA105M2	
LA122G1	FE1H-10-271B	BR730	6151-K1-3000	KB104A1	
LA123G1	FE3N-10-271	BR850	6151-K1-3000+C/S	KD104A1	
LA124G1	KY03-10-271A	BR960	6151-K1-3000+C/S	KD104A2	
LA124G1	B301-10-271	BR960	6151-K1-3000A1	KB104A2	
LA124G1	B302-10-271	BR960	6155-K1-9900	KB105A1	
LA124G1	B302-10-271A	BR960	6155-K1-9900+C/S	KD105A1	
LA124G1	E8BZ-6051A	BR960	6155-K1-9900+C/S	KD105A2	
LA124G1	E8BZ-6051B	BR960	6155-K1-9900A1	KB105A2	
LA124G1	F0BZ-6051A	BR960	6202-11-1812	KA112M1	
LA125M1	JE01-10-270	BR980	6202-K1-3100	KB118A1	
LA125M1	JE01-10-270A	BR980	6202-K1-3100+C/S	KD118A1	
LA127G1	PN11-10-271	BS070	6202-K1-3100+C/S	KD118A2	
LA127G1	PN11-10-271A	BS070	6202-K1-3100A1	KB118A2	
LA127G1	PN11-10-271B	BS070	6204-11-1810	KA118F1	
LA127G1	PN41-10-271	BS070	6204-11-1810A1	KA118G1	
LA128G1	G601-10-271	BS280	6205-K1-2100	KB112A1	
LA128G1	G601-10-271A	BS280	6205-K1-2100+C/S	KD112A1	
LA128G1	G601-10-271B	BS280	6206-11-1821	KA102M1	
LA129G1	R201-10-271D	BS460	6206-11-1830	KA102G1	BW820

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
LA129G1	R201-10-271E	BS460	6207-11-1821	KA102M1	
LA129G1	R201-10-271F	BS460	6207-K1-2001+C/S	KD102A3	
LA129G1	R201-10-271G	BS460	6207-K1-2001A1	KB102A2	DW820N
LA129G1	RF01-10-271	BS460	6207-K1-2001A2	KB102A3	
LA130G1	B6F4-10-271A	BS940	6207-K1-2002+C/S	KD102A2	GW820N
LA130G1	B6F4-10-271B	BS940	6207-K1-2100	KB117A1	
LA131M1	BP01-10-271	BS950	6207-K1-2100+C/S	KD117A1	
LA131M1	BP05-10-271	BS950	6210-17-1813	KA115M1	
LA131M1	BP26-10-271	BS950	6211-K1-0102	KB115A1	
LA132F1	B61L-10-271	BV110	6211-K1-0102+C/S	KD115A1	
LA133M1	SL50-10-271B	BV260	6221-17-1811	KA113M1	
LA137M1	KL01-10-271B	BV410	6222-K1-3001	KB113A1	
LA139G1	B366-10-271	BV430	6222-K1-3001+C/S	KD113A1	
LA139G1	B3F2-10-271	BV430			
LA140G1	B541-10-271	BV510			
LA140G1	B541-10-271A	BV510			
LA140G1	B64D-10-271	BV510			
LA140G1	B64D-10-271A	BV510			
LA140G1	B6S7-10-271	BV510			
LA142M1	KF01-10-271A	BX780			
LA152M1	OK65A-10-271B	AE5470			
LA153M1	OK247-10-271B	AG8200			
LA154M1	R202-10-271	BN620			
LA154M1	R2B6-10-271	BN620			
LA155M1	22311-2X200	AG8260			
LA155M1	OK2NC-10-271	AG8260			
LA156M1	OK551-10-271A	AG8140			
LA157F1	OK2A3-10-271	AG7840			
LA158M1	OK30C-10-271A	AG7830			
LA159M1	OK30E1-10-271A	AG8250			
LA160M1	KJ01-10-271				
LA162M1	ZL01-10-271	AA5030			
LA162M1	ZL01-10-271A	AA5030			
LA163M1	Z501-10-271	AD5080			
LA163M1	Z501-10-271	AG5120			
LB101A1	0437-99-101	CJ120			
LB101H1	8132-99-101	CJ127			
LB101H1	8171-99-101	CJ127			
LB101H1	8171-99-101A	CJ127			
LB101H1	8171-99-101C	CJ127			
LB101H1	8385-99-101	CJ127			
LB101H1	D97Z-6079B	CJ127			
LB101H1	E17Z-6079A	CJ127			
LB101K1	8171-99-100HS	CJ12C			
LB102A1	0249-99-101	CJ192			
LB103B1	0271-99-101	CJ211			
LB103B1	2350-99-101	CJ211			
LB105B1	1456-99-101	CJ631			
LB105B1	S203-99-101	CJ631			
LB105C1	S210-99-101	CJ633			
			<b>Mazda</b>		
			0249-10-271	LA102F1	AJ190
			0249-99-100	LD102A1	FJ192
			0249-99-101	LB102A1	CJ192
			0259-99-100E	LD102A1	FJ192
			0268-10-271	LA103F1	AJ210
			0271-99-100	LD103B1	FJ211
			0271-99-100B	LD103B1	FJ211
			0271-99-101	LB103B1	CJ211
			0324-10-271	LA107G1	AJ650
			0324-10-271A	LA107G1	AJ650
			0324-10-271B	LA107G1	AJ650
			0324-10-271C	LA107G1	AJ650
			0365-99-101	LB107B1	CJ652
			0365-99-101A	LB107B1	CJ652
			0437-99-100	LD101A1	FJ120
			0437-99-100B	LD101A1	FJ120
			0437-99-101	LB101A1	CJ120
			0453-10-271	LA101G1	AJ120
			0453-10-271A	LA101G1	AJ120
			0453-10-271C	LA101G1	AJ120
			0453-10-271D	LA101G1	AJ120
			0527-10-271A	LA105G1	AJ630
			0550-99-101	LB109A1	DE340
			0550-99-101A	LB109A1	DE340
			0552-10-271	LA109G1	BE340
			0552-10-271B	LA109G1	BE340
			0552-99-100	LD109A1	GE340
			0552-99-100A	LD109A1	GE340
			0636-10-271	LA105G1	AJ630
			0727-10-271B	LA106G1	AJ640
			0727-10-271C	LA106G1	AJ640
			0727-99-100B	LD106A1	FJ641
			0727-99-101	LB106A1	CJ641
			1355-10-271	LA105G1	AJ630

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
LB105C1	S260-99-100	CJ633	1363-10-271	LA110G1	BE360
LB106A1	0727-99-101	CJ641	1363-99-100	LD110A1	GE360
LB106A1	4858-99-101	CJ641	1363-99-100A	LD110A1	GE360
LB106B1	V101-99-101	CJ642	1363-99-100B	LD110A1	GE360
LB106B1	V101-99-101A	CJ642	1363-99-101	LB110A1	DE360
LB106B1	V101-99-101B	CJ642	1456-10-271	LA105G1	AJ630
LB106B1	V115-99-101	CJ642	1456-99-100	LD105B1	FJ631
LB106B1	V115-99-101A	CJ642	1456-99-100E	LD105B1	FJ631
LB107B1	0365-99-101	CJ652	1456-99-100F	LD105B1	FJ631
LB107B1	0365-99-101A	CJ652	1456-99-101	LB105B1	CJ631
LB107B1	8028-99-101C	CJ652	2350-99-100A	LD103B1	FJ211
LB109A1	0550-99-101	DE340	2350-99-101	LB103B1	CJ211
LB109A1	0550-99-101A	DE340	4858-99-100	LD106A1	FJ641
LB110A1	1363-99-101	DE360	4858-99-101	LB106A1	CJ641
LB111C1	8311-99-101A	DE544	4880-10-271	LA103F1	AJ210
LB111C1	8914-99-100HS	DE544	8028-99-100A	LD107B1	FJ652
LB111D1	8325-99-101	DE543	8028-99-100B	LD107B1	FJ652
LB111D1	8325-99-101A	DE543	8028-99-100C	LD107B1	FJ652
LB111E1	D407-99-101	DE545	8028-99-101C	LB107B1	CJ652
LB111E1	D506-99-101	DE545	8034-10-271	LA107G1	AJ650
LB112A1	E101-99-101	DJ420	8034-10-271A	LA107G1	AJ650
LB113A1	E301-99-101	DJ430	8034-10-271B	LA107G1	AJ650
LB113A1	E301-99-101A	DJ430	8132-99-101	LB101H1	CJ127
LB113A1	E580-99-101	DJ430	8171-99-100	LD101K1	FJ12B
LB113C1	8AB1-10-271HS	DJ432	8171-99-100HS	LB101K1	CJ12C
LB114A1	F801-99-101	DL320	8171-99-101	LB101H1	CJ127
LB114A1	F801-99-101A	DL320	8171-99-101A	LB101H1	CJ127
LB114A1	FE01-99-101	DL320	8171-99-101C	LB101H1	CJ127
LB114A1	FE01-99-101C	DL320	8311-99-100	LD111B1	GE541
LB114C1	8AG1-10-235	DL322	8311-99-100A	LD111B1	GE541
LB114C1	8AG1-10-235A	DL322	8311-99-101A	LB111C1	DE544
LB114C1	8AG1-10-235B	DL322	8325-99-100	LD111D1	GE543
LB115A1	SE01-99-100BHS	DL880	8325-99-100A	LD111D1	GE543
LB115A1	SE01-99-101C	DL880	8325-99-101	LB111D1	DE543
LB115A1	SE45-99-100HS	DL880	8325-99-101A	LB111D1	DE543
LB116A1	F601-99-100HS	DM300	8385-99-101	LB101H1	CJ127
LB117A1	RF10-99-101	DM730	8569-10-271	LA111G1	BE540
LB117A1	RF10-99-101A	DM730	8569-10-271A	LA111G1	BE540
LB117A1	RF10-99-101B	DM730	8871-99-100	LD144A1	HL398
LB118A1	8AB3-10-271HS	DP540	8871-99-100A	LD144A1	HL398
LB119B1	8AB3-10-235	DP571	8914-99-100HS	LB111C1	DE544
LB119B1	8AB3-10-235A	DP571	8AB1-10-235	LB120A1	DP600
LB120A1	8AB1-10-235	DP600	8AB1-10-271	LD113C1	GJ432
LB121A1	SL01-99-101	DP840	8AB1-10-271HS	LB113C1	DJ432
LB122A1	8AG5-10-271HS	DR730	8AB3-10-235	LB119B1	DP571
LB122E1	8AU8-10-271HS	DR734	8AB3-10-235A	LB119B1	DP571
LB123A1	8AG6-10-271HS	DR850	8AB3-10-271	LD118A1	GP540
LB124A1	8ABL-10-271HS	DR960	8AB3-10-271HS	LB118A1	DP540
LB124B1	8ABF-10-271HS	DR961	8AB4-10-235	LB132A1	DV110
LB124D1	8ABJ-10-271HS		8AB4-10-271	LD112A1	GJ420

## Interchange

Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
LB125A1	8AH1-10-235	DR970	8AB5-10-235N	LB131C1	DS953
LB125B1	8AHB-10-271HS	DR971	8AB5-10-271	LD113C1	GJ432
LB125C1	8AL2-10-235	DR972	8AB6-10-235	LB131A1	DS950
LB125C1	8AL2-10-235A	DR972	8AB6-10-235A	LB131A1	DS950
LB127A1	8ABN-10-271HS	DS070	8AB6-10-271	LD120A1	GP600
LB128A1	8AL1-10-235	DS280	8AB6-10-271A	LD120A1	GP600
LB130A1	8AN1-10-235	DS940	8AB7-10-271	LD120A1	GP600
LB131A1	8AB6-10-235	DS950	8AB7-10-271A	LD120A1	GP600
LB131A1	8AB6-10-235A	DS950	8ABA-10-271	LD113C1	GJ432
LB131C1	8AB5-10-235N	DS953	8ABF-10-271	LD124B1	GR961
LB132A1	8AB4-10-235	DV110	8ABF-10-271HS	LB124B1	DR961
LB133A1	8AW6-10-235	DV260	8ABL-10-271	LD124A1	GR960
LB139A1	8CB6-10-235	DV431	8ABL-10-271HS	LB124A1	DR960
LB140A1	8ABY-10-235	DV510	8ABN-10-271	LD127A1	GS070
LB142A1	8AGY-10-235	DX780	8ABN-10-271HS	LB127A1	DS070
LB153A1	OK9AB-10-270BHS	CG8200	8ABV-10-271	LD119B1	GP571
LB154A1	R201-99-101	DN620	8ABV-10-271A	LD119B1	GP571
LB154A1	R201-99-101A	DN620	8ABY-10-235	LB140A1	DV510
LB154A1	R201-99-101B	DN620	8ABY-10-271	LD140A1	GV510
LB154A1	R201-99-101C	DN620	8ABY-10-271A	LD140A1	GV510
LB154A1	R201-99-101D	DN620	8AG1-10-235	LB114C1	DL322
LB154A1	R201-99-101E	DN620	8AG1-10-235A	LB114C1	DL322
LB154A1	R202-99-101	DN620	8AG1-10-235B	LB114C1	DL322
LB154A1	RF01-99-100HS	DN620	8AG1-10-271	LD114A1	GL320
LB154B1	8AU3-10-271AHS	DN621	8AG1-10-271A	LD114A1	GL320
LB154B1	8AZ6-10-271AHS	DN621	8AG5-10-271	LD122A1	GR730
LB155A1	OKAJ7-10-270HS	CG8260	8AG5-10-271HS	LB122A1	DR730
LB156A1	OK551-10-270HS	CG8140	8AG6-10-271	LD123A1	GR850
LB157A1	OK2AC-10-270HS	CG7840	8AG6-10-271A	LD123A1	GR850
LB158A1	OK30C-10-270HS	CG7830	8AG6-10-271B	LD123A1	GR850
LB159A1	OK30E-10-270HS	CG8250	8AG6-10-271C	LD123A1	GR850
LB160A1	8AK3-10-271HS	CG8150	8AG6-10-271HS	LB123A1	DR850
LB162A1	8EBN-10-235	CA5030	8AGC-10-271	LD123A1	GR850
LD101A1	0437-99-100	FJ120	8AGC-10-271A	LD123A1	GR850
LD101A1	0437-99-100B	FJ120	8AGC-10-271B	LD123A1	GR850
LD101H1	D97Z-6008B	FJ127	8AGC-10-271C	LD123A1	GR850
LD101H1	HE10-99-100	FJ127	8AGY-10-235	LB142A1	DX780
LD101H1	HE10-99-100A	FJ127	8AGY-10-271	LD142A1	GX780
LD101H1	HE10-99-100B	FJ127	8AH1-10-235	LB125A1	DR970
LD101H1	HE10-99-100C	FJ127	8AH5-10-271	LD125A1	GR970
LD101K1	8171-99-100	FJ12B	8AH6-10-271	LD125A1	GR970
LD102A1	0249-99-100	FJ192	8AHB-10-271	LD125B1	GR971
LD102A1	0259-99-100E	FJ192	8AHB-10-271HS	LB125B1	DR971
LD103B1	0271-99-100	FJ211	8AK3-10-271	LD160A1	FG8150
LD103B1	0271-99-100B	FJ211	8AK3-10-271HS	LB160A1	CG8150
LD103B1	2350-99-100A	FJ211	8AL1-10-235	LB128A1	DS280
LD105B1	1456-99-100	FJ631	8AL1-10-271	LD128A1	GS280
LD105B1	1456-99-100E	FJ631	8AL2-10-235	LB125C1	DR972
LD105B1	1456-99-100F	FJ631	8AL2-10-235A	LB125C1	DR972
LD105B1	S203-99-100	FJ631	8AL2-10-271	LD125C1	GR972

## Interchange

Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
LD105C1	S213-99-100	FJ632	8AL2-10-271A	LD125C1	GR972
LD105C1	S260-99-100A	FJ632	8AN1-10-235	LB130A1	DS940
LD106A1	0727-99-100B	FJ641	8AN1-10-271	LD130A1	GS940
LD106A1	4858-99-100	FJ641	8AN1-10-271A	LD130A1	GS940
LD106B1	V101-99-100	FJ642	8AN1-10-271B	LD130A1	GS940
LD106B1	V101-99-100A	FJ642	8AN6-10-271A	LD131C1	GS953
LD106B1	V101-99-100B	FJ642	8AU3-10-271	LD154B1	GN621
LD106B1	V115-99-100	FJ642	8AU3-10-271A	LD154B1	GN621
LD106B1	V115-99-100A	FJ642	8AU3-10-271AHS	LB154B1	DN621
LD107B1	8028-99-100A	FJ652	8AU3-10-271B	LD154B1	GN621
LD107B1	8028-99-100B	FJ652	8AU8-10-271	LD122E1	GR734
LD107B1	8028-99-100C	FJ652	8AU8-10-271HS	LB122E1	DR734
LD109A1	0552-99-100	GE340	8AW6-10-235	LB133A1	DV260
LD109A1	0552-99-100A	GE340	8AW6-10-271	LD133A1	GV260
LD109A1	GE01-99-100	GE340	8AZ6-10-271A	LD154B1	GN621
LD110A1	1363-99-100	GE360	8AZ6-10-271AHS	LB154B1	DN621
LD110A1	1363-99-100A	GE360	8CB1-10-271	LD132A1	GV110
LD110A1	1363-99-100B	GE360	8CB2-10-271N	LD131C1	GS953
LD111B1	8311-99-100	GE541	8CB3-10-271	LD131A1	GS950
LD111B1	8311-99-100A	GE541	8CB6-10-235	LB139A1	DV431
LD111D1	8325-99-100	GE543	8CB6-10-271	LD139A1	GV431
LD111D1	8325-99-100A	GE543	8CBA-10-271	LD131A1	GS950
LD111E1	D407-99-100	GE544	8CBA-10-271A	LD131A1	GS950
LD111E1	D506-99-100	GE544	8CBA-10-271B	LD131A1	GS950
LD112A1	8AB4-10-271	GJ420	8EBN-10-235	LB162A1	CA5030
LD112A1	E101-99-100	GJ420	8EBN-10-271	LD162A1	FA5030
LD112A1	E101-99-100A	GJ420	AM21-10-271	MA118G1	BJ890
LD112A1	E101-99-100B	GJ420	B301-10-271	LA124G1	BR960
LD113A1	E301-99-100	GJ430	B302-10-271	LA124G1	BR960
LD113A1	E301-99-100A	GJ430	B302-10-271A	LA124G1	BR960
LD113A1	E301-99-100B	GJ430	B366-10-271	LA139G1	BV430
LD113A1	E580-99-100	GJ430	B3F2-10-271	LA139G1	BV430
LD113A1	E580-99-100A	GJ430	B541-10-271	LA140G1	BV510
LD113A1	E580-99-100B	GJ430	B541-10-271A	LA140G1	BV510
LD113A1	E580-99-100C	GJ430	B616-10-271	LA120G1	BP600
LD113A1	E580-99-100D	GJ430	B616-10-271A	LA120G1	BP600
LD113C1	8AB1-10-271	GJ432	B61L-10-271	LA132F1	BV110
LD113C1	8AB5-10-271	GJ432	B630-10-271	LA120G1	BP600
LD113C1	8ABA-10-271	GJ432	B630-10-271A	LA120G1	BP600
LD114A1	8AG1-10-271	GL320	B64D-10-271	LA140G1	BV510
LD114A1	8AG1-10-271A	GL320	B64D-10-271A	LA140G1	BV510
LD114A1	F801-99-100	GL320	B660-10-271	LA119G1	BP570
LD114A1	F801-99-100A	GL320	B660-10-271A	LA119G1	BP570
LD114A1	FE01-99-100	GL320	B660-10-271B	LA119G1	BP570
LD114A1	FE01-99-100A	GL320	B660-10-271C	LA119G1	BP570
LD114A1	FE01-99-100B	GL320	B6F4-10-271A	LA130G1	BS940
LD114A1	FE01-99-100C	GL320	B6F4-10-271B	LA130G1	BS940
LD114A1	FE01-99-100D	GL320	B6S7-10-271	LA140G1	BV510
LD114A1	FE01-99-100E	GL320	BP01-10-271	LA131M1	BS950
LD114C1	FE30-99-100	GL322	BP05-10-271	LA131M1	BS950

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
LD114C1	FE30-99-100A	GL322	BP26-10-271	LA131M1	BS950
LD114C1	FE30-99-100B	GL322	D407-99-100	LD111E1	GE544
LD115A1	SE01-99-100	GL880	D407-99-101	LB111E1	DE545
LD115A1	SE01-99-100A	GL880	D506-99-100	LD111E1	GE544
LD115A1	SE01-99-100B	GL880	D506-99-101	LB111E1	DE545
LD115A1	SE01-99-100C	GL880	D97Z-6008B	LD101H1	FJ127
LD115B1	SE45-99-100	GL881	D97Z-6051A	LA101G1	AJ120
LD116A1	F601-99-100	GM300	D97Z-6079B	LB101H1	CJ127
LD116A1	F601-99-100A	GM300	E101-10-271	LA112F1	BJ420
LD116A1	F601-99-100B	GM300	E101-99-100	LD112A1	GJ420
LD116A1	F601-99-100C	GM300	E101-99-100A	LD112A1	GJ420
LD116A1	F601-99-100D	GM300	E101-99-100B	LD112A1	GJ420
LD116A1	F601-99-100E	GM300	E101-99-101	LB112A1	DJ420
LD117A1	RF10-99-100	GM730	E17Z-6079A	LB101H1	CJ127
LD117A1	RF10-99-100A	GM730	E301-10-271	LA113G1	BJ430
LD117A1	RF10-99-100B	GM730	E301-10-271A	LA113G1	BJ430
LD118A1	8AB3-10-271	GP540	E301-10-271B	LA113G1	BJ430
LD119B1	8ABV-10-271	GP571	E301-99-100	LD113A1	GJ430
LD119B1	8ABV-10-271A	GP571	E301-99-100A	LD113A1	GJ430
LD120A1	8AB6-10-271	GP600	E301-99-100B	LD113A1	GJ430
LD120A1	8AB6-10-271A	GP600	E301-99-101	LB113A1	DJ430
LD120A1	8AB7-10-271	GP600	E301-99-101A	LB113A1	DJ430
LD120A1	8AB7-10-271A	GP600	E302-10-271	LA113G1	BJ430
LD121A1	SL01-99-100	GP840	E501-10-271	LA113G1	BJ430
LD122A1	8AG5-10-271	GR730	E501-10-271A	LA113G1	BJ430
LD122E1	8AU8-10-271	GR734	E580-10-271	LA113G1	BJ430
LD123A1	8AG6-10-271	GR850	E580-10-271A	LA113G1	BJ430
LD123A1	8AG6-10-271A	GR850	E580-10-271B	LA113G1	BJ430
LD123A1	8AG6-10-271B	GR850	E580-99-100	LD113A1	GJ430
LD123A1	8AG6-10-271C	GR850	E580-99-100A	LD113A1	GJ430
LD123A1	8AGC-10-271	GR850	E580-99-100B	LD113A1	GJ430
LD123A1	8AGC-10-271A	GR850	E580-99-100C	LD113A1	GJ430
LD123A1	8AGC-10-271B	GR850	E580-99-100D	LD113A1	GJ430
LD123A1	8AGC-10-271C	GR850	E580-99-101	LB113A1	DJ430
LD124A1	8ABL-10-271	GR960	E5D7-10-271	LA118G1	BP540
LD124B1	8ABF-10-271	GR961	E7GZ-6051A	LA120G1	BP600
LD124D1	8ABJ-10-271	GR963	E7GZ-6051B	LA120G1	BP600
LD125A1	8AH5-10-271	GR970	E8BZ-6051A	LA124G1	BR960
LD125A1	8AH6-10-271	GR970	E8BZ-6051B	LA124G1	BR960
LD125B1	8AHB-10-271	GR971	F0BZ-6051A	LA124G1	BR960
LD125C1	8AL2-10-271	GR972	F202-10-271	LA122G1	BR730
LD125C1	8AL2-10-271A	GR972	F202-10-271A	LA122G1	BR730
LD127A1	8ABN-10-271	GS070	F220-10-271A	LA122G1	BR730
LD128A1	8AL1-10-271	GS280	F601-10-271	LA116G1	BM300
LD130A1	8AN1-10-271	GS940	F601-10-271A	LA116G1	BM300
LD130A1	8AN1-10-271A	GS940	F601-10-271B	LA116G1	BM300
LD130A1	8AN1-10-271B	GS940	F601-10-271C	LA116G1	BM300
LD131A1	8CB3-10-271	GS950	F601-10-271D	LA116G1	BM300
LD131A1	8CBA-10-271	GS950	F601-99-100	LD116A1	GM300
LD131A1	8CBA-10-271A	GS950	F601-99-100A	LD116A1	GM300

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
LD131A1	8CBA-10-271B	GS950	F601-99-100B	LD116A1	GM300
LD131C1	8AN6-10-271A	GS953	F601-99-100C	LD116A1	GM300
LD131C1	8CB2-10-271N	GS953	F601-99-100D	LD116A1	GM300
LD132A1	8CB1-10-271	GV110	F601-99-100E	LD116A1	GM300
LD133A1	8AW6-10-271	GV260	F601-99-100HS	LB116A1	DM300
LD139A1	8CB6-10-271	GV431	F801-10-271	LA114G1	BL320
LD140A1	8ABY-10-271	GV510	F801-10-271A	LA114G1	BL320
LD140A1	8ABY-10-271A	GV510	F801-10-271B	LA114G1	BL320
LD142A1	8AGY-10-271	GX780	F801-10-271C	LA114G1	BL320
LD144A1	8871-99-100	HL398	F801-10-271D	LA114G1	BL320
LD144A1	8871-99-100A	HL398	F801-99-100	LD114A1	GL320
LD145A1	N201-99-100	HL425	F801-99-100A	LD114A1	GL320
LD145A1	N231-99-100	HL425	F801-99-101	LB114A1	DL320
LD153A1	OK9AB-10-270B	FG8200	F801-99-101A	LB114A1	DL320
LD154A1	R201-99-100	GN620	F802-10-271	LA114G1	BL320
LD154A1	R201-99-100A	GN620	FE01-99-100	LD114A1	GL320
LD154A1	R201-99-100B	GN620	FE01-99-100A	LD114A1	GL320
LD154A1	R201-99-100C	GN620	FE01-99-100B	LD114A1	GL320
LD154A1	R201-99-100D	GN620	FE01-99-100C	LD114A1	GL320
LD154A1	R201-99-100E	GN620	FE01-99-100D	LD114A1	GL320
LD154A1	RF01-99-100	GN620	FE01-99-100E	LD114A1	GL320
LD154B1	8AU3-10-271	GN621	FE01-99-101	LB114A1	DL320
LD154B1	8AU3-10-271A	GN621	FE01-99-101C	LB114A1	DL320
LD154B1	8AU3-10-271B	GN621	FE1H-10-271	LA122G1	BR730
LD154B1	8AZ6-10-271A	GN621	FE1H-10-271A	LA122G1	BR730
LD155A1	OKAJ7-10-270	FG8260	FE1H-10-271B	LA122G1	BR730
LD156A1	OK551-10-270	FG8140	FE30-10-271A	LA114G1	BL320
LD157A1	OK2AC-10-270	FG7840	FE30-10-271B	LA114G1	BL320
LD158A1	OK30C-10-270	FG7830	FE30-99-100	LD114C1	GL322
LD159A1	OK30E-10-270	FG8250	FE30-99-100A	LD114C1	GL322
LD160A1	8AK3-10-271	FG8150	FE30-99-100B	LD114C1	GL322
LD162A1	8EBN-10-271	FA5030	FE3N-10-271	LA123G1	BR850
MA102G1	22311-11600	AJ690	G601-10-271	LA128G1	BS280
MA102G1	MD000433	AJ690	G601-10-271A	LA128G1	BS280
MA102G1	MD004430	AJ690	G601-10-271B	LA128G1	BS280
MA102G1	MD004431	AJ690	GE01-99-100	LD109A1	GE340
MA102G1	MD004432	AJ690	HE10-99-100	LD101H1	FJ127
MA102G1	MD004433	AJ690	HE10-99-100A	LD101H1	FJ127
MA104G1	22311-11000	AX470	HE10-99-100B	LD101H1	FJ127
MA104G1	MD002436	AX470	HE10-99-100C	LD101H1	FJ127
MA105G1	MD020747	BC970	JE01-10-270	LA125M1	BR980
MA105G1	MD024512	BC970	JE01-10-270A	LA125M1	BR980
MA106G1	MD000437	BD010	KF01-10-271A	LA142M1	BX780
MA107G1	MD000438	BD020	KJ01-10-271	LA160M1	
MA108G1	MD007015	BD040	KL01-10-271B	LA137M1	BV410
MA108G1	MD007515	BD040	N201-99-100	LD145A1	HL425
MA108G1	MD008766	BD040	N231-99-100	LD145A1	HL425
MA108G1	MD009451	BD040	PN11-10-271	LA127G1	BS070
MA108G1	MD034095	BD040	PN11-10-271A	LA127G1	BS070
MA109G1	MD024514	BD900	PN11-10-271B	LA127G1	BS070



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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
MA109G1	MD024515	BD900	PN41-10-271	LA127G1	BS070
MA109G1	MD024703	BD900	R201-10-271D	LA129G1	BS460
MA109G1	MD024704	BD900	R201-10-271E	LA129G1	BS460
MA110G1	MD009519	BD980	R201-10-271F	LA129G1	BS460
MA110G1	MD034093	BD980	R201-10-271G	LA129G1	BS460
MA111G1	MD030290	BE060	R201-99-100	LD154A1	GN620
MA112G1	22311-21010	BE070	R201-99-100A	LD154A1	GN620
MA112G1	22311-21100	BE070	R201-99-100B	LD154A1	GN620
MA112G1	MD030293	BE070	R201-99-100C	LD154A1	GN620
MA113F1	31601-02103	BE410	R201-99-100D	LD154A1	GN620
MA113F1	31601-02104	BE410	R201-99-100E	LD154A1	GN620
MA113F1	31601-03016	BE410	R201-99-101	LB154A1	DN620
MA113F1	31601-12200	BE410	R201-99-101A	LB154A1	DN620
MA113F1	31601-15100	BE410	R201-99-101B	LB154A1	DN620
MA114G1	MD040533	BH060	R201-99-101C	LB154A1	DN620
MA116G1	MD050545	BJ600	R201-99-101D	LB154A1	DN620
MA116G1	MD088581	BJ600	R201-99-101E	LB154A1	DN620
MA116G1	MD154781	BJ600	R202-10-271	LA154M1	BN620
MA117G1	ME011009	BJ670	R202-99-101	LB154A1	DN620
MA117G1	ME011021	BJ670	R2B6-10-271	LA154M1	BN620
MA118G1	AM21-10-271	BJ890	RF01-10-271	LA129G1	BS460
MA118G1	MD026654	BJ890	RF01-99-100	LD154A1	GN620
MA118G1	MD110383	BJ890	RF01-99-100HS	LB154A1	DN620
MA118G1	MD115846	BJ890	RF03-10-271	LA117G1	BM730
MA119F1	ME020231	BJ990	RF03-10-271A	LA117G1	BM730
MA119F1	ME022821	BJ990	RF03-10-271D	LA117G1	BM730
MA119F1	ME029048	BJ990	RF03-10-271G	LA117G1	BM730
MA120G1	MD010313	BK410	RF10-99-100	LD117A1	GM730
MA120G1	MD012886	BK410	RF10-99-100A	LD117A1	GM730
MA120G1	MD034094	BK410	RF10-99-100B	LD117A1	GM730
MA120G1	MD198002	BK410	RF10-99-101	LB117A1	DM730
MA121G1	MD012887	BK420	RF10-99-101A	LB117A1	DM730
MA121G1	MD304511	BK420	RF10-99-101B	LB117A1	DM730
MA122F1	ME031489	BK560	S203-99-100	LD105B1	FJ631
MA122F1	ME031521	BK560	S203-99-101	LB105B1	CJ631
MA122F1	ME031858	BK560	S210-99-101	LB105C1	CJ633
MA122F1	ME031916	BK560	S213-99-100	LD105C1	FJ632
MA122F1	ME071919-SP	BK560	S260-99-100	LB105C1	CJ633
MA123F1	31201-12809	BK860	S260-99-100A	LD105C1	FJ632
MA123F1	31201-42400	BK860	SE01-10-271	LA115G1	BL880
MA123F1	31201-42401	BK860	SE01-99-100	LD115A1	GL880
MA123F1	31201-42402	BK860	SE01-99-100A	LD115A1	GL880
MA123F1	31201-42403	BK860	SE01-99-100B	LD115A1	GL880
MA125T1	31201-11502	BL050	SE01-99-100BHS	LB115A1	DL880
MA125T1	31201-12500	BL050	SE01-99-100C	LD115A1	GL880
MA126G1	22311-32020	BL450	SE01-99-101C	LB115A1	DL880
MA126G1	MD040532	BL450	SE45-99-100	LD115B1	GL881
MA127G1	ME001061	BM750	SE45-99-100HS	LB115A1	DL880
MA127G1	ME001136	BM750	SL01-10-271	LA121G1	BP840
MA128F1	MD062144	BM830	SL01-10-271A	LA121G1	BP840

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
MA128F1	MD151228	BM830	SL01-99-100	LD121A1	GP840
MA129M1	ME011045	BM890	SL01-99-101	LB121A1	DP840
MA130G1	MD066813	BN220	SL50-10-271B	LA133M1	BV260
MA130G1	MD085548	BN220	V101-99-100	LD106B1	FJ642
MA130G1	MD099568	BN220	V101-99-100A	LD106B1	FJ642
MA131G1	MD016163	BN230	V101-99-100B	LD106B1	FJ642
MA132G1	MD066163	BN330	V101-99-101	LB106B1	CJ642
MA133G1	MD111805	BR600	V101-99-101A	LB106B1	CJ642
MA133G1	MD138312	BR600	V101-99-101B	LB106B1	CJ642
MA133G1	MD143540	BR600	V115-99-100	LD106B1	FJ642
MA133G1	MD147241	BR600	V115-99-100A	LD106B1	FJ642
MA133G1	MD165614	BR600	V115-99-101	LB106B1	CJ642
MA134G1	MD115646	BR640	V115-99-101A	LB106B1	CJ642
MA135F1	ME030913	BS040	Z501-10-271	LA163M1	AD5080
MA135F1	ME031859	BS040	Z501-10-271	LA163M1	AG5120
MA135F1	ME041113	BS040	ZL01-10-271	LA162M1	AA5030
MA136G1	22311-33110	BS120	ZL01-10-271A	LA162M1	AA5030
MA136G1	MD113173	BS120			
MA136G1	MD183808	BS120			
MA137G1	1005B427	BS130			
MA137G1	MD112531	BS130	<b><u>Mitsubishi</u></b>		
MA137G1	MD137976	BS130	1005B427	MA137G1	BS130
MA137G1	MD160942	BS130	31201-11502	MA125T1	BL050
MA137G1	MD174796	BS130	31201-12500	MA125T1	BL050
MA137G1	MD302892	BS130	31201-12809	MA123F1	BK860
MA138G1	22311-33010	BS240	31201-32100	MA140F1	BS930
MA138G1	MD113178	BS240	31201-42400	MA123F1	BK860
MA139M1	ME051021	BS640	31201-42401	MA123F1	BK860
MA139M1	ME051132	BS640	31201-42402	MA123F1	BK860
MA140F1	31201-32100	BS930	31201-42403	MA123F1	BK860
MA140F1	ME091538	BS930	31294-07020	MD125A1	GL050
MA141G1	MD148797	BT430	31294-07020HS	MB125A1	DL050
MA141G1	MD151232	BT430	31294-40021	MD123A1	GK860
MA141G1	MD163597	BT430	31294-40021HS	MD123A1	DK860
MA141G1	MD323473	BT430	31601-02103	MA113F1	BE410
MA142G1	22311-32650	BT880	31601-02104	MA113F1	BE410
MA142G1	MD068823	BT880	31601-03016	MA113F1	BE410
MA142G1	MD173023	BT880	31601-12200	MA113F1	BE410
MA142G1	MD190393	BT880	31601-15100	MA113F1	BE410
MA143G1	MD177339	BT890	31694-00010	MD113A1	GE410
MA143G1	MD177341	AA5060	31694-00020	MD113A1	GE410
MA143G1	MD184399	BT890	31694-00030	MD113A1	GE410
MA144F1	ME071285	BT940	31694-00040	MD113A1	GE410
MA144F1	ME071286	BT940	31694-00050	MD113A1	GE410
MA145G1	MD145826	BV010	31694-00060	MD113A1	GE410
MA145G1	MD166720	BV010	31694-00070	MD113A1	GE410
MA146M1	ME051716	BV280	31694-00070HS	MD113A1	GE410
MA147G1	MD199175	BV550	31701-13104	MD113A1	GE410
MA151G1	MD189978	AY380	31794-00030	MA157G1	BW550
MA152G1	ME200753	AA5020	31794-00030HS	MD157A1	GW550
			31901-42809	MB157A1	DW550
				MA197F1	

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
MA153G1	MD199174	AA5390	34301-00203	MA194M1	
MA153G1	MD199174	AG5140	34301-00704	MA198N1	
MA154G1	MD346925	AE5230	GS242A-ES242A	MB138C1	DS242
MA157G1	31701-13104	BW550	MD000433	MA102G1	AJ690
MA157G1	ME001146	BW550	MD000437	MA106G1	BD010
MA162M1	MD331145	AA5670	MD000438	MA107G1	BD020
MA162M1	MD331145	AF5470	MD000443	MD102A1	FJ690
MA163G1	MD302889		MD001900	MD104A1	FX470
MA165G1	MD302891		MD002436	MA104G1	AX470
MA167M1	MD342397		MD003890	MD106A1	GD011
MA168M1	MD322820		MD003891	MD106A1	GD011
MA171M1	22311-37320	AF5050	MD003904	MD104A1	FX470
MA171M1	22311-37320	AG5690	MD003904HS	MB104A1	CX470
MA173M1	22311-27000	AG7920	MD004430	MA102G1	AJ690
MA176M1	22311-39501	AG7780	MD004431	MA102G1	AJ690
MA178M1	22311-37210	BZ280	MD004432	MA102G1	AJ690
MA180G1	MD198014	AF5500	MD004433	MA102G1	AJ690
MA180G1	MD198014	BZ220	MD005900	MD102A1	FJ690
MA180G1	MD333226	BZ220	MD005909	MD102A1	FJ690
MA181M1	22311-23700	AG8030	MD005909HS	MB102A1	CJ690
MA182M1	22311-27500	AG7910	MD007015	MA108G1	BD040
MA183M1	22311-02800	AG8060	MD007515	MA108G1	BD040
MA184M1	22311-22360	AG8070	MD008766	MA108G1	BD040
MA185M1	22311-23000	AG5950	MD009446HS	MB106A1	DD010
MA185M1	22311-23000	AG5070	MD009447	MD108A1	GD040
MA185M1	22311-23000	BY720	MD009448	MD108A1	GD040
MA185M1	22311-23000	BY720	MD009448HS	MB108A1	DD040
MA186M1	22311-38200	AF5070	MD009449	MD107B1	GD021
MA187M1	22311-38100	AF5430	MD009449HS	MB107A1	DD020
MA188N1	22311-22001	BY730	MD009451	MA108G1	BD040
MA189M1	22311-23110	AG8040	MD009519	MA110G1	BD980
MA190G1	22311-35020	AG8090	MD009970	MD108B1	GD041
MA191F1	22311-02700	AG8050	MD009971	MD108B1	GD041
MA192F1	22311-26051	AG6040	MD009971HS	MB108B1	DD041
MA192F1	22311-26051	AA5400	MD009972	MD110A1	GD980
MA193M1	22311-23100	BY710	MD009972HS	MB110A1	DD980
MA194M1	34301-00203		MD009974	MD108C1	GD042
MA196M1	MD377775		MD009974HS	MB108C1	DD042
MA197F1	31901-42809		MD009975	MD110B1	GD981
MA197F1	ME094417		MD009975HS	MB110B1	DD981
MA198N1	34301-00704		MD010313	MA120G1	BK410
MA199F1	ME071232		MD012886	MA120G1	BK410
MA199F1	ME071326		MD012887	MA121G1	BK420
MA199F1	ME071731		MD016163	MA131G1	BN230
MA200F1	ME071328		MD020747	MA105G1	BC970
MA201F1	ME071327		MD021995	MD105A1	GC971
MA201F1	ME071867		MD021995HS	MB105A1	DC971
MA202F1	ME047571		MD023981	MD105B1	GC972
MA202F1	ME071910		MD023982	MD105B1	GC972
MA203F1	ME071212		MD023982HS	MB105B1	DC972

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
MA203F1	ME071733		MD023983	MD105A1	GC971
MA203F1	ME071955		MD024512	MA105G1	BC970
MA204F1	ME071957B		MD024514	MA109G1	BD900
MA204F1	ME071958		MD024515	MA109G1	BD900
MA204F1	ME078707		MD024703	MA109G1	BD900
MA205M1	ME081515		MD024704	MA109G1	BD900
MA205M1	ME081541		MD025905	MD109A1	GD900
MA206M1	ME081734		MD025905HS	MB109A1	DD900
MA207F1	ME064981		MD025908	MD118B1	GJ892
MA207F1	ME084081		MD025908HS	MB118B1	DJ892
MA207F1	ME092855		MD026654	MA118G1	BJ890
MA207F1	ME093753		MD027931	MD105B1	GC972
MA208F1	ME090920		MD027932	MD118B1	GJ892
MA208F1	ME093242		MD027935	MD118B1	GJ892
MA210M1	ME121234		MD027936	MD118B1	GJ892
MA211F1	ME163925		MD027939	MD118A1	GJ891
MA212F1	ME350011		MD027939HS	MB118A1	DJ891
MA215G1	MD198013	AD5730	MD030290	MA111G1	BE060
MA215G1	MD198013	BZ210	MD030293	MA112G1	BE070
MA215G1	MD316351	BZ210	MD031331	MD111A1	GE060
MB102A1	MD005909HS	CJ690	MD031332	MD112A1	GE070
MB104A1	MD003904HS	CX470	MD034093	MA110G1	BD980
MB105A1	MD021995HS	DC971	MD034094	MA120G1	BK410
MB105B1	MD023982HS	DC972	MD034095	MA108G1	BD040
MB106A1	MD009446HS	DD010	MD040271	MD114A1	GH060
MB107A1	MD009449HS	DD020	MD040271HS	MB114A1	DH060
MB108A1	MD009448HS	DD040	MD040532	MA126G1	BL450
MB108B1	MD009971HS	DD041	MD040533	MA114G1	BH060
MB108C1	MD009974HS	DD042	MD050092	MD116A1	GJ600
MB109A1	MD025905HS	DD900	MD050092HS	MB116A1	DJ600
MB110A1	MD009972HS	DD980	MD050545	MA116G1	BJ600
MB110B1	MD009975HS	DD981	MD062144	MA128F1	BM830
MB111A1	MD997012	DE060	MD066163	MA132G1	BN330
MB112C1	MD997013	DE070	MD066813	MA130G1	BN220
MB112C1	MD997093	DE070	MD068823	MA142G1	BT880
MB113A1	31694-00070HS	DE410	MD085548	MA130G1	BN220
MB114A1	MD040271HS	DH060	MD088581	MA116G1	BJ600
MB114D1	MD997096	DH063	MD099568	MA130G1	BN220
MB114E1	MD997106	DH064	MD110383	MA118G1	BJ890
MB116A1	MD050092HS	DJ600	MD111805	MA133G1	BR600
MB116A1	MD997232	DJ600	MD112531	MA137G1	BS130
MB116B1	MD997023	DJ601	MD113173	MA136G1	BS120
MB117A1	ME018801HS	DJ670	MD113178	MA138G1	BS240
MB117B1	ME999012HS	DJ671	MD115646	MA134G1	BR640
MB118A1	MD027939HS	DJ891	MD115846	MA118G1	BJ890
MB118B1	MD025908HS	DJ892	MD137976	MA137G1	BS130
MB118B1	MD997020	DJ892	MD138312	MA133G1	BR600
MB118B1	MD997021	DJ892	MD143540	MA133G1	BR600
MB118C1	MD997022	DJ894	MD145826	MA145G1	BV010
MB118D1	MD997066	DJ898	MD147241	MA133G1	BR600

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
MB119A1	ME021798HS	DJ990	MD148797	MA141G1	BT430
MB119A1	ME023012HS	DJ990	MD151228	MA128F1	BM830
MB120A1	MD997014	DK410	MD151232	MA141G1	BT430
MB120D1	MD997136	DK412	MD154781	MA116G1	BJ600
MB120E1	MD997057	DK413	MD160942	MA137G1	BS130
MB121A1	MD997015	DK420	MD163597	MA141G1	BT430
MB122A1	ME038521HS	DK560	MD165614	MA133G1	BR600
MB122C1	ME999038HS	DK562	MD166720	MA145G1	BV010
MB122D1	ME999458HS	DK563	MD173023	MA142G1	BT880
MB123A1	31294-40021HS	DK860	MD174796	MA137G1	BS130
MB125A1	31294-07020HS	DL050	MD177339	MA143G1	BT890
MB126A1	MD997061	DL450	MD177341	MA143G1	AA5060
MB126B1	MD997016	DL451	MD183808	MA136G1	BS120
MB126B1	MD997059	DL451	MD184399	MA143G1	BT890
MB126B1	MD997117	DL451	MD189978	MA151G1	AY380
MB126C1	MD997100	DL452	MD190393	MA142G1	BT880
MB127A1	ME999120HS	DM750	MD198002	MA120G1	BK410
MB128A1	MD997104	DM830	MD198013	MA215G1	AD5730
MB128A1	MD997477	DM830	MD198013	MA215G1	BZ210
MB128B1	MD997513	DM831	MD198014	MA180G1	AF5500
MB129A1	ME999278HS	DM890	MD198014	MA180G1	BZ220
MB129B1	ME999663HS	DM891	MD199174	MA153G1	AA5390
MB129C1	ME999279HS	DM892	MD199174	MA153G1	AG5140
MB130A1	MD997115	DN220	MD199175	MA147G1	BV550
MB130B1	MD997134	DN221	MD302889	MA163G1	
MB131A1	MD997109	DN230	MD302891	MA165G1	
MB132A1	MD997108	DN330	MD302892	MA137G1	BS130
MB132B1	MD997234	DN332	MD304511	MA121G1	BK420
MB133A1	MD997311	DR600	MD316351	MA215G1	BZ210
MB133A1	MD997435	DR600	MD322820	MA168M1	
MB133A1	MD997496HS	DR600	MD323473	MA141G1	BT430
MB133B1	MD997488	DR601	MD331145	MA162M1	AA5670
MB134A1	MD997457	DR640	MD331145	MA162M1	AF5470
MB135A1	ME999219HS	DS040	MD333226	MA180G1	BZ220
MB136A1	MD997470	DS120	MD342397	MA167M1	
MB136A1	MD997471	DS120	MD346925	MA154G1	AE5230
MB137A1	MD997248	DS130	MD377775	MA196M1	
MB137A1	MD997433	DS130	MD970441	MB143A1	DT890
MB138B1	MD997469	DS241	MD970442	MB143E1	DT892
MB138C1	GS242A-ES242A	DS242	MD970444	MD143A1	GT890
MB139A1	ME999371HS	DS641	MD970445	MD143E1	GT892
MB140A1	ME067069HS	DS930	MD970664	MB143B1	CA5060
MB141A1	MD997671	DT430	MD970665	MD143B1	FA5060
MB141B1	MD997645	DT431	MD970668	MB143C1	CA5061
MB141B1	MD997646	DT431	MD970669	MD143C1	FA5061
MB142A1	MD997145	DT880	MD970670	MB143D1	DT891
MB142B1	MD971634	DT882	MD970671	MD143D1	GT891
MB143A1	MD970441	DT890	MD970967	MB215B1	CD5730
MB143B1	MD970664	CA5060	MD971341	MB215A1	DZ210
MB143C1	MD970668	CA5061	MD971343	MB180A1	DZ220

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
MB143D1	MD970670	DT891	MD971345	MB180B1	DZ221
MB143E1	MD970442	DT892	MD971621	MB153A1	CA5390
MB144A1	ME999495HS	DT940	MD971621	MB153A1	CG5400
MB145A1	MD997640	DV010	MD971622	MB147A1	DV550
MB145B1	MD997669	DV011	MD971623	MD153A1	FA5390
MB146A1	ME057049HS	DV280	MD971624	MD147A1	GV550
MB147A1	MD971622	DV550	MD971634	MB142B1	DT882
MB151A1	MD971826	CY380	MD971635	MD142B1	GT882
MB152A1	ME995508HS		MD971825	MD151A1	FY380
MB152B1	ME995497HS	CA5020	MD971826	MB151A1	CY380
MB152C1	ME996019HS		MD974286HS	MD151A1	FY380
MB152D1	ME996512HS		MD974547	MB162B1	CF5470
MB153A1	MD971621	CA5390	MD974548	MD162B1	
MB153A1	MD971621	CG5400	MD978641	MB196A1	
MB157A1	31794-00030HS	DW550	MD997012	MB111A1	DE060
MB162B1	MD974547	CF5470	MD997013	MB112C1	DE070
MB171A1	20920-37D00	CG5690	MD997014	MB120A1	DK410
MB173A1	20920-27A00	CG7920	MD997015	MB121A1	DK420
MB176A1		CG7780	MD997016	MB126B1	DL451
MB178A1	20920-37A00	DZ280	MD997020	MB118B1	DJ892
MB180A1	MD971343	DZ220	MD997021	MB118B1	DJ892
MB180B1	MD971345	DZ221	MD997022	MB118C1	DJ894
MB181A1	20920-23C00	CG8030	MD997023	MB116B1	DJ601
MB182A1	20920-27C00	CG7910	MD997027	MD112B1	GE071
MB183A1	20920-02F00	CG8060	MD997028	MD120B1	GK411
MB184A1		CG8070	MD997029	MD120A1	GK410
MB185A1	20920-23B00	DY720	MD997030	MD121A1	GK420
MB185A1	20920-23B00	CG5950	MD997031	MD126B1	GL451
MB185A1	20920-23B00	CG5070	MD997039	MD111B1	GE061
MB186A1	20920-38C00	CF5070	MD997040	MD112B1	GE071
MB187A1	20920-38B00	CF5430	MD997042	MD120B1	GK411
MB188A1	20920-22C10	DY730	MD997043	MD120A1	GK410
MB189A1	20920-23A10	CG8040	MD997044	MD121A1	GK420
MB190A1	20920-35A02	CG8090	MD997045	MD126B1	GL451
MB191A1	20910-02B00HS		MD997049	MD118B1	GJ892
MB192A1	20920-26A01	CG6040	MD997050	MD118B1	GJ892
MB192A1	20920-26A02	CA5400	MD997051	MD118A1	GJ891
MB193A1	20920-23A00	DY710	MD997052	MD116B1	GJ601
MB196A1	MD978641		MD997057	MB120E1	DK413
MB215A1	MD971341	DZ210	MD997058	MD120E1	GK414
MB215B1	MD970967	CD5730	MD997059	MB126B1	DL451
MD102A1	20910-11600	FJ690	MD997061	MB126A1	DL450
MD102A1	20910-11610	FJ690	MD997062	MD126A1	GL450
MD102A1	MD000443	FJ690	MD997063	MD118C1	GJ893
MD102A1	MD005900	FJ690	MD997065	MD118D1	GJ897
MD102A1	MD005909	FJ690	MD997066	MB118D1	DJ898
MD104A1	20910-11000	FX470	MD997089	MD121A1	GK420
MD104A1	20910-11100	FX470	MD997090	MD121A1	GK420
MD104A1	MD001900	FX470	MD997093	MB112C1	DE070
MD104A1	MD003904	FX470	MD997094	MD112C1	GE072

## Interchange

Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
MD105A1	MD021995	GC971	MD997095	MD118D1	GJ897
MD105A1	MD023983	GC971	MD997096	MB114D1	DH063
MD105B1	MD023981	GC972	MD997097	MD114D1	GH063
MD105B1	MD023982	GC972	MD997100	MB126C1	DL452
MD105B1	MD027931	GC972	MD997101	MD126C1	GL452
MD106A1	MD003890	GD011	MD997104	MB128A1	DM830
MD106A1	MD003891	GD011	MD997105	MD128A1	GM830
MD107B1	MD009449	GD021	MD997106	MB114E1	DH064
MD108A1	MD009447	GD040	MD997107	MD114E1	GH064
MD108A1	MD009448	GD040	MD997108	MB132A1	DN330
MD108B1	MD009970	GD041	MD997109	MB131A1	DN230
MD108B1	MD009971	GD041	MD997112	MD132A1	GN330
MD108C1	MD009974	GD042	MD997113	MD131A1	GN230
MD109A1	MD025905	GD900	MD997115	MB130A1	DN220
MD110A1	MD009972	GD980	MD997116	MD130A1	GN220
MD110B1	MD009975	GD981	MD997117	MB126B1	DL451
MD111A1	MD031331	GE060	MD997118	MD126B1	GL451
MD111B1	MD997039	GE061	MD997134	MB130B1	DN221
MD112A1	20910-21100	GE070	MD997135	MD130B1	GN221
MD112A1	MD031332	GE070	MD997136	MB120D1	DK412
MD112B1	MD997027	GE071	MD997137	MD120D1	GK413
MD112B1	MD997040	GE071	MD997145	MB142A1	DT880
MD112C1	MD997094	GE072	MD997146	MD142A1	GT880
MD113A1	31694-00010	GE410	MD997162	MD114D1	GH063
MD113A1	31694-00020	GE410	MD997164	MD126C1	GL452
MD113A1	31694-00030	GE410	MD997165	MD114E1	GH064
MD113A1	31694-00040	GE410	MD997168	MD142A1	GT880
MD113A1	31694-00050	GE410	MD997170	MD130B1	GN221
MD113A1	31694-00060	GE410	MD997232	MB116A1	DJ600
MD113A1	31694-00070	GE410	MD997233	MD116A1	GJ600
MD114A1	MD040271	GH060	MD997234	MB132B1	DN332
MD114D1	MD997097	GH063	MD997236	MD132B1	GN332
MD114D1	MD997162	GH063	MD997248	MB137A1	DS130
MD114E1	MD997107	GH064	MD997249	MD137A1	GS130
MD114E1	MD997165	GH064	MD997311	MB133A1	DR600
MD116A1	MD050092	GJ600	MD997312	MD133A1	GR600
MD116A1	MD997233	GJ600	MD997433	MB137A1	DS130
MD116B1	MD997052	GJ601	MD997434	MD137A1	GS130
MD117A1	ME018801	GJ670	MD997435	MB133A1	DR600
MD117B1	ME999012	GJ671	MD997436	MD133A1	GR600
MD118A1	MD027939	GJ891	MD997457	MB134A1	DR640
MD118A1	MD997051	GJ891	MD997458	MD134A1	GR640
MD118B1	MD025908	GJ892	MD997469	MB138B1	DS241
MD118B1	MD027932	GJ892	MD997470	MB136A1	DS120
MD118B1	MD027935	GJ892	MD997471	MB136A1	DS120
MD118B1	MD027936	GJ892	MD997473	MD138B1	GS241
MD118B1	MD997049	GJ892	MD997474	MD136A1	GS120
MD118B1	MD997050	GJ892	MD997475	MD136A1	GS120
MD118C1	MD997063	GJ893	MD997477	MB128A1	DM830
MD118D1	MD997065	GJ897	MD997479	MD128A1	GM830

## Interchange

Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
MD118D1	MD997095	GJ897	MD997488	MB133B1	DR601
MD119A1	ME021798	GJ990	MD997490	MD133A1	GR600
MD119A1	ME023012	GJ990	MD997494	MD133B1	GR601
MD119A1	ME025129	GJ990	MD997496	MD133A1	GR600
MD120A1	MD997029	GK410	MD997496HS	MB133A1	DR600
MD120A1	MD997043	GK410	MD997513	MB128B1	DM831
MD120B1	MD997028	GK411	MD997514	MD128B1	GM831
MD120B1	MD997042	GK411	MD997640	MB145A1	DV010
MD120D1	MD997137	GK413	MD997641	MD145A1	GV010
MD120E1	MD997058	GK414	MD997645	MB141B1	DT431
MD121A1	MD997030	GK420	MD997646	MB141B1	DT431
MD121A1	MD997044	GK420	MD997647	MD141B1	GT431
MD121A1	MD997089	GK420	MD997648	MD141B1	GT431
MD121A1	MD997090	GK420	MD997669	MB145B1	DV011
MD122A1	ME038521	GK560	MD997670	MD145B1	GV011
MD122A1	ME038596	GK560	MD997671	MB141A1	DT430
MD122C1	ME999038	GK562	MD997672	MD141A1	GT430
MD122D1	ME999458	GK563	ME001061	MA127G1	BM750
MD123A1	31294-40021	GK860	ME001136	MA127G1	BM750
MD125A1	31294-07020	GL050	ME001146	MA157G1	BW550
MD125A1	ME067068	GL050	ME011009	MA117G1	BJ670
MD126A1	MD997062	GL450	ME011021	MA117G1	BJ670
MD126B1	MD997031	GL451	ME011045	MA129M1	BM890
MD126B1	MD997045	GL451	ME018801	MD117A1	GJ670
MD126B1	MD997118	GL451	ME018801HS	MB117A1	DJ670
MD126C1	MD997101	GL452	ME020231	MA119F1	BJ990
MD126C1	MD997164	GL452	ME021798	MD119A1	GJ990
MD127A1	ME999120	GM750	ME021798HS	MB119A1	DJ990
MD127A1	ME999281	GM750	ME022821	MA119F1	BJ990
MD127A1	ME999282	GM750	ME023012	MD119A1	GJ990
MD127A1	ME999283	GM750	ME023012HS	MB119A1	DJ990
MD127A1	ME999284	GM750	ME025129	MD119A1	GJ990
MD128A1	MD997105	GM830	ME029048	MA119F1	BJ990
MD128A1	MD997479	GM830	ME030913	MA135F1	BS040
MD128B1	MD997514	GM831	ME031489	MA122F1	BK560
MD129A1	ME999278	GM890	ME031521	MA122F1	BK560
MD129A1	ME999280	GM890	ME031858	MA122F1	BK560
MD129B1	ME999663	GM891	ME031859	MA135F1	BS040
MD129C1	ME999279	GM892	ME031916	MA122F1	BK560
MD130A1	MD997116	GN220	ME038521	MD122A1	GK560
MD130B1	MD997135	GN221	ME038521HS	MB122A1	DK560
MD130B1	MD997170	GN221	ME038596	MD122A1	GK560
MD131A1	MD997113	GN230	ME041113	MA135F1	BS040
MD132A1	MD997112	GN330	ME047571	MA202F1	
MD132B1	MD997236	GN332	ME051021	MA139M1	BS640
MD133A1	MD997312	GR600	ME051132	MA139M1	BS640
MD133A1	MD997436	GR600	ME051716	MA146M1	BV280
MD133A1	MD997490	GR600	ME057049	MD146A1	GV280
MD133A1	MD997496	GR600	ME057049HS	MB146A1	DV280
MD133B1	MD997494	GR601	ME057051	MD139A1	GS641



## Interchange

Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
MD134A1	MD997458	GR640	ME057241	MD139A1	GS641
MD135A1	ME999219	GS040	ME057242	MD139A1	GS641
MD136A1	MD997474	GS120	ME064981	MA207F1	
MD136A1	MD997475	GS120	ME067068	MD125A1	GL050
MD137A1	MD997249	GS130	ME067069	MD140A1	GS930
MD137A1	MD997434	GS130	ME067069HS	MB140A1	DS930
MD138B1	MD997473	GS241	ME071212	MA203F1	
MD138C1		GS242	ME071232	MA199F1	
MD139A1	ME057051	GS641	ME071285	MA144F1	BT940
MD139A1	ME057241	GS641	ME071286	MA144F1	BT940
MD139A1	ME057242	GS641	ME071326	MA199F1	
MD139A1	ME999233	GS641	ME071327	MA201F1	
MD139A1	ME999370	GS641	ME071328	MA200F1	
MD139A1	ME999371	GS641	ME071731	MA199F1	
MD139A1	ME999609	GS641	ME071733	MA203F1	
MD140A1	ME067069	GS930	ME071867	MA201F1	
MD141A1	MD997672	GT430	ME071910	MA202F1	
MD141B1	MD997647	GT431	ME071919-SP	MA122F1	BK560
MD141B1	MD997648	GT431	ME071955	MA203F1	
MD142A1	MD997146	GT880	ME071957B	MA204F1	
MD142A1	MD997168	GT880	ME071958	MA204F1	
MD142B1	MD971635	GT882	ME078707	MA204F1	
MD143A1	MD970444	GT890	ME081515	MA205M1	
MD143B1	MD970665	FA5060	ME081541	MA205M1	
MD143C1	MD970669	FA5061	ME081734	MA206M1	
MD143D1	MD970671	GT891	ME084081	MA207F1	
MD143E1	MD970445	GT892	ME090920	MA208F1	
MD144A1	ME999495	GT940	ME091538	MA140F1	BS930
MD145A1	MD997641	GV010	ME092855	MA207F1	
MD145B1	MD997670	GV011	ME093242	MA208F1	
MD146A1	ME057049	GV280	ME093753	MA207F1	
MD147A1	MD971624	GV550	ME094417	MA197F1	
MD151A1	MD971825	FY380	ME121234	MA210M1	
MD151A1	MD974286HS	FY380	ME163925	MA211F1	
MD152A1	ME995508		ME200753	MA152G1	AA5020
MD152B1	ME995497	FA5020	ME350011	MA212F1	
MD152B1	ME996511	FA5020	ME995497	MD152B1	FA5020
MD152C1	ME996019		ME995497HS	MB152B1	CA5020
MD152D1	ME995498		ME995498	MD152D1	
MD152D1	ME996512		ME995508	MD152A1	
MD153A1	MD971623	FA5390	ME995508HS	MB152A1	
MD157A1	31794-00030	GW550	ME996019	MD152C1	
MD162B1	MD974548		ME996019HS	MB152C1	
MD171A1	20910-37D00	FG5690	ME996511	MD152B1	FA5020
MD173A1	20920-27A00FS		ME996512	MD152D1	
MD176A1			ME996512HS	MB152D1	
MD178A1	20920-37A00FS		ME999012	MD117B1	GJ671
MD181A1			ME999012HS	MB117B1	DJ671
MD182A1	20910-27C00	FG7910	ME999038	MD122C1	GK562
MD183A1	20910-02F00	FG8060	ME999038HS	MB122C1	DK562

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
MD184A1			ME999120	MD127A1	GM750
MD185A1	20910-23B00	GY720	ME999120HS	MB127A1	DM750
MD186A1	20910-38C01	FF5070	ME999219	MD135A1	GS040
MD187A1			ME999219HS	MB135A1	DS040
MD188A1	20910-22C10	GY730	ME999233	MD139A1	GS641
MD189A1	20910-23A10	FG8040	ME999278	MD129A1	GM890
MD190A1	20910-39A01	FG8090	ME999278HS	MB129A1	DM890
MD191A1	20910-02B00	FG8050	ME999279	MD129C1	GM892
MD192A1	20910-26A01	FG6040	ME999279HS	MB129C1	DM892
MD192A1	20910-26A02	FA5400	ME999280	MD129A1	GM890
MD193A1	20910-23A00	GY710	ME999281	MD127A1	GM750
NA101F1	11044-21003	AJ050	ME999282	MD127A1	GM750
NA101F1	11044-21005	AJ050	ME999283	MD127A1	GM750
NA101F1	11044-A8600	AJ050	ME999284	MD127A1	GM750
NA101F1	11044-N2202	AJ050	ME999370	MD139A1	GS641
NA101F1	11044-N2203	AJ050	ME999371	MD139A1	GS641
NA101F1	11044-N2210	AJ050	ME999371HS	MB139A1	DS641
NA101F1	11044-N2211	AJ050	ME999458	MD122D1	GK563
NA101F1	11044-N2212	AJ050	ME999458HS	MB122D1	DK563
NA101F1	11044-N2213	AJ050	ME999495	MD144A1	GT940
NA101F1	11044-N2214	AJ050	ME999495HS	MB144A1	DT940
NA101F1	11044-N2215	AJ050	ME999609	MD139A1	GS641
NA102G1	11044-13201	AJ060	ME999663	MD129B1	GM891
NA102G1	11044-13202	AJ060	ME999663HS	MB129B1	DM891
NA102G1	11044-30004	AJ060			
NA103G1	11044-74003	AJ100			
NA103G1	11044-E0800	AJ100			
NA103G1	11044-P5100	AJ100	<b>Nissan</b>		
NA103G1	11044-P5101	AJ100	10101-01A25	ND124B1	GK441
NA103G1	11044-P5110	AJ100	10101-01A26	ND124B1	GK441
NA103G1	11044-Y4400	AJ100	10101-01A27	ND124E1	GK444
NA104F1	11044-18001	AJ130	10101-01A28	ND124E1	GK444
NA104F1	11044-18002	AJ130	10101-01A28	ND124B1	GK441
NA104F1	11044-H1000	AJ130	10101-01M25	ND124B1	GK441
NA104F1	11044-H1001	AJ130	10101-01M26	ND124B1	GK441
NA104F1	11044-H1025	AJ130	10101-01M85	ND124B1	GK441
NA104F1	11044-H1001	AJ130	10101-01M86	ND124B1	GK441
NA105F1	11044-58003	AJ380	10101-01P25	ND136A1	GM570
NA105F1	11044-C0600	AJ380	10101-01P26	ND136A1	GM570
NA105F1	11044-C8000	AJ380	10101-01P27	ND136A1	GM570
NA106G1	11044-A8702	AJ490	10101-01Y25	ND156A1	GS050
NA106G1	11044-U0800	AJ490	10101-01Y26	ND156A1	GS050
NA106G1	11044-U0801	AJ490	10101-01Y85	ND156A1	GS050
NA106G1	11044-U0802	AJ490	10101-01Y86	ND156A1	GS050
NA106G1	11044-U0803	AJ490	10101-03G25	ND154C1	GR662
NA106G1	11044-U0810	AJ490	10101-03G26	ND154C1	GR662
NA106G1	11044-U0811	AJ490	10101-03G27	ND154C1	GR662
NA108G1	11044-27L00	AJ580	10101-03J25	ND226B1	FF5601
NA108G1	11044-E3101	AJ580	10101-03J26	ND226B1	FF5601
NA108G1	11044-E3102	AJ580	10101-05B26	ND149A1	GR160
NA108G1	11044-H8701	AJ580	10101-05B27	ND149A1	GR160
			10101-05B28	ND149A1	GR160

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
NA108G1	11044-H8720	AJ580	10101-05E75	ND153A1	GR360
NA108G1	11044-P3000	AJ580	10101-05E76	ND153A1	GR360
NA108G1	11044-P3001	AJ580	10101-05G25	ND101B1	FJ051
NA108G1	11044-P3002	AJ580	10101-05G85	ND106C1	FJ495
NA108G1	11044-P3003	AJ580	10101-05N25	ND117D1	GG725
NA108G1	11044-P3004	AJ580	10101-06F25	ND139A1	GM760
NA108G1	11044-U5720	AJ580	10101-06F28	ND139E1	GM764
NA108G1	11044-U8700	AJ580	10101-06W25	ND118A1	GJ351
NA108G1	11044-U8710	AJ580	10101-06W27	ND118A1	GJ351
NA108G1	11044-U8720	AJ580	10101-06W28	ND118A1	GJ351
NA110G1	11044-76203	AJ680	10101-07F25	ND138A1	GM590
NA110G1	11044-76204	AJ680	10101-08S25	ND106C1	FJ495
NA113G1	11044-H7200	BC270	10101-08S26	ND106C1	FJ495
NA113G1	11044-H7201	BC270	10101-09N25	ND154C1	GR662
NA113G1	11044-H7210	BC270	10101-09W25	ND137A1	GM580
NA113G1	11044-H9820	BC270	10101-09W26	ND137B1	GM581
NA113G1	11044-H9821	BC270	10101-09W27	ND137B1	GM581
NA114G1	11044-N4200	BC380	10101-10B25	ND133B1	GL761
NA114G1	11044-N4210	BC380	10101-10B26	ND133B1	GL761
NA114G1	11044-N4220	BC380	10101-10W25	ND131A1	GL260
NA114G1	11044-P8600	BC380	10101-10W27	ND154C1	GR662
NA114G1	11044-P8601	BC380	10101-11A25	ND124A1	GK440
NA115T1	11044-95000	BE380	10101-11A26	ND124A1	GK440
NA115T1	11044-95003	BE380	10101-11A27	ND124A1	GK440
NA115T1	11044-95004	BE380	10101-11A28	ND124A1	GK440
NA116T1	11044-96000	BE910	10101-11E85	ND130D1	GK843
NA116T1	11044-96001	BE910	10101-11M25	ND124A1	GK440
NA116T1	11044-96002	BE910	10101-11M26	ND124A1	GK440
NA116T1	11044-96003	BE910	10101-11M27	ND124A1	GK440
NA116T1	11044-96004	BE910	10101-11M85	ND124A1	GK440
NA116T1	11044-96005	BE910	10101-11M86	ND124A1	GK440
NA116T1	11044-96006	BE910	10101-11M87	ND124A1	GK440
NA116T1	11044-96007	BE910	10101-11M88	ND124A1	GK440
NA117G1	11044-W0400	BG720	10101-11W25	ND106C1	FJ495
NA117G1	11044-W0402	BG720	10101-12G85	ND136C1	GM572
NA117G1	11044-W4000	BG720	10101-13C25	ND153C1	GR362
NA117G1	11044-W4001	BG720	10101-13C26	ND153C1	GR362
NA118F1	11044-06W00	BJ350	10101-15B25	ND133A1	GL760
NA118F1	11044-06W01	BJ350	10101-15B26	ND133A1	GL760
NA118F1	11044-06W02	BJ350	10101-15B27	ND133A1	GL760
NA118F1	11044-06W03	BJ350	10101-15B28	ND133A1	GL760
NA118F1	11044-06W04	BJ350	10101-15B65	ND133A1	GL760
NA119G1	11044-61512	BJ360	10101-15B85	ND133A1	GL760
NA119G1	11044-61513	BJ360	10101-15B86	ND133A1	GL760
NA119G1	11044-61514	BJ360	10101-15G25	ND140B1	GM821
NA119G1	11044-90003	BJ360	10101-16525	ND102A1	FJ061
NA119G1	11044-C8600	BJ360	10101-17A26	ND145A1	GP580
NA119G1	11044-C8602	BJ360	10101-17C27	ND154B1	GR661
NA121T1	11044-Z5000	BJ390	10101-17C28	ND154B1	GR661
NA121T1	11044-Z5001	BJ390	10101-18025	ND104A1	FJ130

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
NA121T1	11044-Z5002	BJ390	10101-18027	ND104A1	FJ130
NA121T1	11044-Z5004	BJ390	10101-19B25	ND149B1	GR161
NA121T1	11044-Z5005	BJ390	10101-1E425	ND170A1	GV310
NA121T1	11044-Z5505	BJ390	10101-20G25	ND154C1	GR662
NA121T1	11044-Z5507	BJ390	10101-20G26	ND154C1	GR662
NA121T1	11044-Z5509	BJ390	10101-21025	ND101B1	FJ051
NA122F1	11044-41M01	BJ690	10101-21026	ND101B1	FJ051
NA122F1	11044-41M02	BJ690	10101-21028	ND101B1	FJ051
NA122F1	11044-41M10	BJ690	10101-22G25	ND117D1	GG725
NA122F1	11044-41M11	BJ690	10101-22G26	ND117D1	GG725
NA122F1	11044-41M12	BJ690	10101-22J25	ND167A1	GV250
NA123G1	11044-V0700	BK080	10101-22J27	ND167A1	GV250
NA123G1	11044-V0710	BK080	10101-23025	ND101B1	FJ051
NA123G1	11044-V0711	BK080	10101-23027	ND101B1	FJ051
NA123G1	11044-W2500	BK080	10101-23028	ND101B1	FJ051
NA123G1	11044-W2501	BK080	10101-24C25	ND154B1	GR661
NA123G1	11044-W2502	BK080	10101-24E87	ND139F1	GM765
NA124G1	11044-01M00	BK440	10101-29R25	ND139C1	GM762
NA124G1	11044-01M01	BK440	10101-29R26	ND139C1	GM762
NA124G1	11044-01M02	BK440	10101-29R27	ND139C1	GM762
NA124G1	11044-31M00	BK440	10101-29R28	ND139C1	GM762
NA124G1	11044-33M00	BK440	10101-30P25	ND163A1	GS910
NA124G1	11044-33M10	BK440	10101-30R25	ND160B1	GS771
NA124G1	11044-33M11	BK440	10101-30R26	ND160B1	GS771
NA125F1	11044-97503		10101-30R27	ND160B1	GS771
NA125F1	11044-97504		10101-30R28	ND160B1	GS771
NA125F1	11044-ND004		10101-31M25	ND124K1	GK44A
NA125T1	11044-97500	BK530	10101-31M26	ND124K1	GK44A
NA125T1	11044-97501	BK530	10101-34W25	ND135A1	GM290
NA125T1	11044-97502	BK530	10101-34W26	ND135A1	GM290
NA126T1	11044-96502	BK710	10101-37J27	ND226A1	FF5600
NA126T1	11044-96503	BK710	10101-40F25	ND160A1	GS770
NA126T1	11044-96505	BK710	10101-40F26	ND160A1	GS770
NA126T1	11044-96510	BK710	10101-40F27	ND160A1	GS770
NA126T1	11044-96560	BK710	10101-40L26	ND174A1	GW620
NA127T1	11044-97000	BK720	10101-40P25	ND163A1	GS910
NA127T1	11044-97005	BK720	10101-40P26	ND163A1	GS910
NA127T1	11044-97006	BK720	10101-40P27	ND163A1	GS910
NA127T1	11044-97007	BK720	10101-40P28	ND163A1	GS910
NA128G1	11044-H8660	BK750	10101-40P86	ND163B1	
NA128G1	11044-H9822	BK750	10101-41M25	ND122A1	GJ690
NA130G1	11044-D0200	BK840	10101-41M85	ND122A1	GJ690
NA130G1	11044-D0201	BK840	10101-41M86	ND122A1	GJ690
NA130G1	11044-D0202	BK840	10101-43G25	ND157A1	GS200
NA130G1	11044-D0203	BK840	10101-43G25A1	ND173A1	GW540
NA131G1	11044-10W01	BL260	10101-43G25A2	ND159A1	GS760
NA132G1	11044-W1700	BL310	10101-43G26	ND157A1	GS200
NA132G1	11044-W1701	BL310	10101-43G27	ND157A1	GS200
NA132G1	11044-W1702	BL310	10101-43G28	ND157A1	GS200
NA133G1	11044-01B00	BL760	10101-45L25	ND175A1	GX070

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
NA133G1	11044-01B01	BL760	10101-51L25	ND108D1	FJ586
NA133G1	11044-10B00	BL760	10101-52H26	ND226A1	FF5600
NA133G1	11044-10B01	BL760	10101-53Y25	ND146A1	GP950
NA133G1	11044-10B02	BL760	10101-54A25	ND145A1	GP580
NA134G1	11044-L2000	BL770	10101-54A85	ND145A1	GP580
NA135G1	11044-V1700	BM290	10101-55M25	ND151A1	GR240
NA135G1	11044-V1701	BM290	10101-57L25	ND108D1	FJ586
NA135G1	11044-Y1400	BM290	10101-57Y25	ND147A1	GP960
NA135G1	11044-Y1401	BM290	10101-57Y26	ND147A1	GP960
NA136G1	11044-06P00	BM570	10101-57Y85	ND147A1	GP960
NA136G1	11044-21V00	BM570	10101-58S25	ND175A1	GX070
NA136G1	11044-V5200	BM570	10101-59S25	ND175A1	GX070
NA136G1	11044-V5201	BM570	10101-60U25	ND161A1	GS830
NA136G1	11044-V5202	BM570	10101-60U26	ND161A1	GS830
NA136G1	11044-V5203	BM570	10101-61W25	ND117C1	GG724
NA136G1	11044-V5212	BM570	10101-62S25	ND144A1	GP550
NA137M1	11044-09W00	BM580	10101-64Y25	ND164B1	GT051
NA137M1	11044-09W01	BM580	10101-67S25	ND144A1	GP550
NA138G1	11044-48L01	BM590	10101-69S25	ND155A1	GR870
NA138G1	11044-D0204	BM590	10101-6N226	ND209C1	
NA138G1	11044-D0205	BM590	10101-6N227	ND209D1	
NA138G1	11044-D0210	BM590	10101-73Y86	ND146A1	GP950
NA139G1	11044-D1700	BM760	10101-74N25	ND172A1	GW420
NA139G1	11044-D1701	BM760	10101-74N28	ND172A1	GW420
NA139G1	11044-D1702	BM760	10101-74Y25	ND148A1	GP970
NA139G1	11044-D1703	BM760	10101-74Y28	ND148A1	GP970
NA139G1	11044-D1704	BM760	10101-76220	ND110A1	FJ680
NA139G1	11044-D1705	BM760	10101-76221	ND110A1	FJ680
NA139G1	11044-D1706	BM760	10101-76222	ND110A1	FJ680
NA139G1	11044-D1707	BM760	10101-76223	ND110A1	FJ680
NA139G1	11044-D1710	BM760	10101-76224	ND110A1	FJ680
NA140G1	11044-W7000	BM820	10101-76225	ND110A1	FJ680
NA140G1	11044-W7001	BM820	10101-76226	ND110A1	FJ680
NA140G1	11044-W7002	BM820	10101-76227	ND110A1	FJ680
NA140G1	11044-W7003	BM820	10101-76228	ND110A1	FJ680
NA140G1	11044-W7012	BM820	10101-78A25	ND171B1	GV991
NA141G1	11044-H3901	BN170	10101-78A26	ND171B1	GV991
NA141G1	11044-H3925	BN170	10101-78E27	ND164A1	GT050
NA141G1	11044-H3926	BN170	10101-82A25	ND156A1	GS050
NA141G1	11044-H3927	BN170	10101-84A25	ND158B1	GS612
NA143G1	11044-R2000	BN680	10101-84A26	ND158B1	GS612
NA143G1	11044-R2001	BN680	10101-84A27	ND158B1	GS612
NA143G1	11044-R2002	BN680	10101-85M25	ND151A1	GR240
NA144G1	11044-67S02	BP550	10101-85M26	ND151A1	GR240
NA145G1	11044-16A00	BP580	10101-85M85	ND151A1	GR240
NA145G1	11044-16A01	BP580	10101-87A25	ND171A1	GV990
NA145G1	11044-16A02	BP580	10101-87A26	ND171A1	GV990
NA145G1	11044-16A05	BP580	10101-88A25	ND158A1	GS610
NA145G1	11044-16A06	BP580	10101-95025	ND115A1	GE380
NA145G1	11044-16A07	BP580	10101-95028	ND115A1	GE380

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
NA145G1	11044-54A00	BP580	10101-95325	ND115B1	GE382
NA145G1	11044-54A01	BP580	10101-95325HS	NB115B1	DE382
NA145G1	11044-54A02	BP580	10101-96025(new)	ND116B1	GE911
NA145G1	11044-D2800	BP580	10101-96027(new)	ND116C1	GE913
NA145G1	11044-D2801	BP580	10101-96027N	ND192A1	FE5700
NA145G1	11044-D2802	BP580	10101-96028(new)	ND116C1	GE913
NA146G1	11044-53Y00	BP950	10101-96029(new)	ND116C1	GE913
NA146G1	11044-53Y10	BP950	10101-96125(new)	ND126A1	GK710
NA147G1	11044-57Y00	BP960	10101-96127(new)	ND116C1	GE913
NA148G1	11044-74Y00	BP970	10101-96525	ND126B1	GK711
NA149G1	11044-05B00	BR160	10101-96525(new)	ND126B1	GK711
NA149G1	11044-08B00	BR160	10101-96525N	ND193B1	FE5711
NA149G1	11044-08B01	BR160	10101-97025	ND125A1	GK530
NA149G1	11044-08B02	BR160	10101-97027	ND127A1	GK720
NA151G1	11044-55M01	BR240	10101-97128	ND125A1	GK530
NA151G1	11044-85M00	BR240	10101-97225	ND125B1	GK531
NA152M1	11044-C8700	BR260	10101-97225HS	NB125B1	DK531
NA152M1	11044-C8701	BR260	10101-97227	ND125B1	GK531
NA153G1	11044-05E00	BR360	10101-97229	ND127B1	GK721
NA153G1	11044-05E20	BR360	10101-97229HS	NB127B1	DK721
NA153G1	11044-13C00	BR360	10101-97E25	ND168A1	GV290
NA153G1	11044-13C01	BR360	10101-A8625	ND101B1	FJ051
NA153G1	11044-13C02	BR360	10101-AE225	ND209B1	
NA153G1	11044-G5500	BR360	10101-AU025	ND209A1	FB5630
NA153G1	11044-G5501	BR360	10101-B3425	ND102A1	FJ061
NA153G1	11044-G5502	BR360	10101-B3925	ND102A1	FJ061
NA154G1	11044-10W02	BR660	10101-B3926	ND102A1	FJ061
NA155G1	11044-42L00	BR870	10101-B8525	ND103B1	FJ102
NA156G1	11044-01Y00	BS050	10101-B8526	ND103B1	FJ102
NA157M1	11044-43G01	BS200	10101-C6025	ND105B1	FJ381
NA157M1	11044-43G02	BS200	10101-C6026	ND105B1	FJ381
NA157M1	11044-43G03	BS200	10101-C6825	ND119A1	GJ360
NA158G1	11044-84A00	BS610	10101-C6826	ND119A1	GJ360
NA158G1	11044-88A00	BS610	10101-C6827	ND119A1	GJ360
NA159M1	11044-02N01	BS760	10101-C8625	ND119B1	GJ363
NA159M1	11044-02N02	BS760	10101-C8626	ND119B1	GJ363
NA159M1	11044-02N03	BS760	10101-C8627	ND119B1	GJ363
NA160G1	11044-40F00	BS770	10101-C8725	ND152A1	GR260
NA160G1	11044-40F10	BS770	10101-C8726	ND152A1	GR260
NA161G1	11044-60U10	BS830	10101-C8727	ND152A1	GR260
NA163G1	11044-40P00	BS910	10101-D1325	ND130A1	GK840
NA163G1	11044-45V00	BS910	10101-D1326	ND130A1	GK840
NA163G1	11044-45V11	BS910	10101-D1327	ND138J1	GM598
NA164G1	11044-79E02	BT050	10101-D1328	ND138J1	GM598
NA164G1	11044-79E03	BT050	10101-D1329	ND138J1	GM598
NA164G1	11044-79E12	BT050	10101-D3527	ND139G1	GM766
NA164G1	11044-79E13	BT050	10101-D3529	ND139G1	GM766
NA167M1	11044-22J10	BV250	10101-D6025	ND156A1	GS050
NA167M1	11044-22J11	BV250	10101-D8125	ND118A1	GJ351
NA167M1	11044-22J12	BV250	10101-D8126	ND118A1	GJ351

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
NA167M1	11044-22J15	BV250	10101-D8127	ND118A1	GJ351
NA167M1	11044-22J16	BV250	10101-D9727	ND153A1	GR360
NA167M1	11044-22J17	BV250	10101-D9728	ND153A1	GR360
NA167M1	11044-VB302	BV250	10101-D9785	ND153A1	GR360
NA168G1	11044-96E00	BV290	10101-E1025	ND103A1	FJ101
NA168G1	11044-96E10	BV290	10101-E1027	ND103A1	FJ101
NA170G1	11044-1E420	BV310	10101-E3125	ND108A1	FJ580
NA170G1	11044-9E000	BV310	10101-E3126	ND108A1	FJ580
NA171G1	11044-77A00	BV990	10101-E3426	ND108A1	FJ580
NA171G1	11044-87A00	BV990	10101-G3425	ND128A1	GK750
NA172M1	11044-0C402	BW420	10101-G3426	ND128A1	GK750
NA172M1	11044-0C412	BW420	10101-G3427	ND128A1	GK750
NA173M1	11044-44G01	BW540	10101-G5525	ND153A1	GR360
NA173M1	11044-44G02	BW540	10101-G7025	ND135C1	GM292
NA173M1	11044-44G03	BW540	10101-G7026	ND135C1	GM292
NA173M1	11044-87G01	BW540	10101-H1025	ND104A1	FJ130
NA173M1	11044-87G02	BW540	10101-H1026	ND104A1	FJ130
NA173M1	11044-87G03	BW540	10101-H1027	ND104A1	FJ130
NA174M1	11044-1P010	BW620	10101-H3925	ND141A1	GN170
NA174M1	11044-1P011	BW620	10101-H3926	ND141A1	GN170
NA174M1	11044-1P012	BW620	10101-H3927	ND141A1	GN170
NA174M1	11044-1P062	BW620	10101-H3928	ND141A1	GN170
NA174M1	11044-40L26	BW620	10101-H3972	ND141A1	GN170
NA175G1	11044-45L00	BX070	10101-H7225	ND113A1	GC270
NA175G1	11044-56S01	BX070	10101-H7227	ND113A1	GC270
NA175G1	11044-58S01	BX070	10101-H7825	ND113A1	GC270
NA178F1	11044-85G00	AY330	10101-H7828	ND113A1	GC270
NA179F1	11044-84G00	AY780	10101-H8625	ND128A1	GK750
NA181M1	11044-06J00	BW610	10101-H8627	ND128A1	GK750
NA181M1	11044-06J00	BZ420	10101-H8825	ND141A1	GN170
NA181M1	11044-06J00	BW610	10101-H8925	ND113E1	GC275
NA181M1	11044-06J01	BZ420	10101-H9826	ND113E1	GC275
NA181M1	11044-06J01	BW610	10101-J0125	ND103A1	FJ101
NA181M1	11044-06J02	BW610	10101-J0126	ND103A1	FJ101
NA181M1	11044-06J02	BZ420	10101-J5325	ND135F1	GM295
NA182N1	11044-05U16	AD5410	10101-L2526	ND135G1	GM296
NA183G1	11044-1C711	AG5190	10101-L2526HS	NB135G1	DM295
NA186M1	11044-38U00	AB5060	10101-M0125	ND104B1	FJ135
NA186M1	11044-38U02	AB5060	10101-M0126	ND104B1	FJ135
NA188M1	11044-8M010	AB5630	10101-M0127	ND104B1	FJ135
NA189G1	11044-70F00	AD5620	10101-M6625	ND113F1	GC276
NA190M1	11044-65F03	AE5090	10101-M6726	ND113F1	GC276
NA192F1	11044-NC001	AE5700	10101-M9025	ND141A1	GN170
NA193F1	11044-NC000	AE5710	10101-M9026	ND141A1	GN170
NA194M1	11044-4W000	AE5880	10101-M9528	ND113A1	GC270
NA200F1	11044-97505		10101-M9529	ND113A1	GC270
NA200F1	11044-ND007		10101-N4725	ND114D1	GC385
NA201M1	11044-19D05		10101-N7227	ND101B1	FJ051
NA202F1	11044-96561		10101-P1125	ND108A1	FJ580
NA202F1	11044-96564		10101-P1126	ND108A1	FJ580

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
NA202F1	11044-96567		10101-P1127	ND108D1	FJ586
NA203F1	11044-97009		10101-P1425	ND108A1	FJ580
NA204F1	11044-97010		10101-P1426	ND108A1	FJ580
NA204F1	11044-ND009		10101-P1427	ND108A1	FJ580
NA205F1	11044-97011		10101-P1428	ND108A1	FJ580
NA205F1	11044-97014		10101-P7125	ND114D1	GC385
NA205F1	11044-ND000		10101-P7126	ND114D1	GC385
NA206F1	11044-97513		10101-P7127	ND114D1	GC385
NA207F1	11044-97514		10101-Q1726	ND114D1	GC385
NA207F1	11044-97561		10101-R8125	ND135C1	GM292
NA208M1	11044-Z5519		10101-R8126	ND135C1	GM292
NA208M1	11044-Z5565		10101-T3426	ND135C1	GM292
NA209M1	11044-6N202	AF5540	10101-T6025	ND140B1	GM821
NA210M1	11044-96573		10101-T6026	ND140B1	GM821
NA211M1	11044-05D00		10101-T7025	ND117C1	GG724
NA211M1	11044-05D02		10101-T8026	ND117C1	GG724
NA212T1	11044-T9001		10101-T8226	ND134A1	GL770
NA213M1	11044-01T00	BM560	10101-T8226HS	NB134A1	DL770
NA213M1	11044-J6500	BM560	10101-T8227	ND134A1	GL770
NA213M1	11044-T9000	BM560	10101-T8228	ND137B1	GM581
NA213M1	11044-T9001	BM560	10101-T8229	ND137B1	GM581
NA213M1	11044-T9300	BM560	10101-T8295	ND137B1	GM581
NA216M1	11044-54T04		10101-U0125	ND101B1	FJ051
NA216M1	11044-54T05		10101-U0126	ND101B1	FJ051
NA216M1	11044-54T06		10101-U0625	ND106C1	FJ495
NA216M1	11044-54T07		10101-U0626	ND106C1	FJ495
NA217M1	11044-1W400	BZ380	10101-U0627	ND106C1	FJ495
NA217M1	11044-1W401	BZ380	10101-U0628	ND106C1	FJ495
NA217M1	11044-1W402	BZ380	10101-U6027	ND106C1	FJ495
NA220M1	11044-2J616	AD5280	10101-U6028	ND106C1	FJ495
NA222F1	11044-31U00	AG8240	10101-U6029	ND106C1	FJ495
NA222F1	11044-31U00	AA5170	10101-V0625	ND135D1	GM293
NA224F1	11044-31U10	AG8220	10101-V0626	ND135D1	GM293
NA226M1	11044-37J00	AF5600	10101-V0627	ND135D1	GM293
NA227M1	11044-VC100	AF5740	10101-V0725	ND123A1	GK081
NB101B1	11042-05G25	CJ051	10101-V0726	ND123A1	GK081
NB101B1	11042-21025	CJ051	10101-V0727	ND123A1	GK081
NB101B1	11042-21026	CJ051	10101-V1726	ND135E1	GM294
NB101B1	11042-N7227	CJ051	10101-V1727	ND135E1	GM294
NB101B1	11042-U0126	CJ051	10101-V5426	ND139D1	GM763
NB103A1	11042-E1027	CJ101	10101-V5925	ND136A1	GM570
NB103A1	11042-J0125	CJ101	10101-V5926	ND136A1	GM570
NB103A1	11042-J0126	CJ101	10101-V5927	ND136A1	GM570
NB103B1	11042-B8525	CJ102	10101-V6026	ND135D1	GM293
NB104A1	11042-H1025	CJ130	10101-V6225	ND136A1	GM570
NB104A1	11042-H1026	CJ130	10101-W1725	ND132A1	GL310
NB104A1	11042-H1027	CJ130	10101-W1726	ND132A1	GL310
NB104A1	11042-H8826	CJ130	10101-W1727	ND132A1	GL310
NB104A1	11042-M7725	CJ130	10101-W1728	ND132A1	GL310
NB106C1	11042-05G85	CJ494	10101-W2125	ND106C1	FJ495



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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
NB106C1	11042-08S25	CJ494	10101-W2225	ND106C1	FJ495
NB106C1	11042-08S26	CJ494	10101-W2525	ND123A1	GK081
NB106C1	11042-11W25	CJ494	10101-W3125	ND108D1	FJ586
NB106C1	11042-K2525	CJ494	10101-W3126	ND108D1	FJ586
NB106C1	11042-K2526	CJ494	10101-W3827	ND140B1	GM821
NB106C1	11042-K2527	CJ494	10101-W4125	ND117C1	GG724
NB106C1	11042-K2528	CJ494	10101-W4126	ND117C1	GG724
NB106C1	11042-U0625	CJ494	10101-W5725	ND106C1	FJ495
NB106C1	11042-U0626	CJ494	10101-W5726	ND106C1	FJ495
NB106C1	11042-U0627	CJ494	10101-W7025	ND140A1	GM820
NB106C1	11042-W2125	CJ494	10101-W7026	ND140A1	GM820
NB106C1	11042-W5725	CJ494	10101-W7027	ND140A1	GM820
NB108A1	11042-E3125	CJ582	10101-W7125	ND140A1	GM820
NB108A1	11042-E3126	CJ582	10101-W7126	ND140A1	GM820
NB108A1	11042-E4125	CJ582	10101-W7127	ND140A1	GM820
NB108A1	11042-P1125	CJ582	10101-Y7525	ND135C1	GM292
NB108D1	11042-51L25	CJ586	10101-Y7526	ND135C1	GM292
NB108D1	11042-57L25	CJ586	10101-Z5026	ND121C1	GJ392
NB108D1	11042-W3125	CJ586	10101-Z5027	ND121C1	GJ392
NB108D1	11042-W3126	CJ586	10101-Z5126	ND121C1	GJ392
NB110A1	11042-76228	CJ680	10101-Z5426	ND121B1	GJ391
NB113A1	11042-H7225	DC270	10101-Z5427	ND121B1	GJ391
NB113A1	11042-H7227	DC270	10101-Z5428	ND121B1	GJ391
NB113A1	11042-M9528	DC270	10101-Z5526	ND121B1	GJ391
NB113A1	11042-M9529	DC270	10103-95025	ND115A1	GE380
NB113E1	11042-H8925	DC273	10103-95026	ND115A1	GE380
NB113E1	11042-H9826	DC273	10103-95027	ND115A1	GE380
NB113F1	11042-H9526	DC274	10103-95028	ND115A1	GE380
NB113F1	11042-H9527	DC274	10103-95029	ND115A1	GE380
NB113F1	11042-M6625	DC274	10103-96025(new)	ND116B1	GE911
NB113F1	11042-M6626	DC274	10103-96026(new)	ND116B1	GE911
NB113F1	11042-M6726	DC274	10103-96027(new)	ND116B1	GE911
NB114D1	11042-N4725	DC386	10103-Z5125	NB121B1	DJ391
NB114D1	11042-P7125	DC386	10103-Z5525	NB121C1	DJ392
NB114D1	11042-P7126	DC386	10103-Z5526	NB121B1	DJ391
NB114D1	11042-P7127	DC386	11042-01A25	NB124B1	DK441
NB114D1	11042-Q1726	DC386	11042-01A26	NB124B1	DK441
NB115A1	11042-90778	DE380	11042-01A27	NB124E1	DK444
NB115A1	11042-95025	DE380	11042-01A28	NB124E1	DK444
NB115B1	10101-95325HS	DE382	11042-01M25	NB124B1	DK441
NB116A1	11042-96025(new)	DE910	11042-01M26	NB124B1	DK441
NB116C1	11042-96027(new)	DE913	11042-01M85	NB124B1	DK441
NB117C1	11042-61W25	DG724	11042-01M86	NB124B1	DK441
NB117C1	11042-T7025	DG724	11042-01P25	NB136A1	DM570
NB117C1	11042-T7026	DG724	11042-01P26	NB136A1	DM570
NB117C1	11042-W4125	DG724	11042-01Y25	NB156A1	DS050
NB117C1	11042-W4126	DG724	11042-01Y26	NB156A1	DS050
NB117D1	11042-05N25	DG725	11042-03G25	NB154C1	DR662
NB117D1	11042-22G25	DG725	11042-03G26	NB154C1	DR662
NB117D1	11042-22G26	DG725	11042-03G27	NB154C1	DR662

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
NB118A1	11042-06W25	DJ351	11042-03J26	NB226B1	CF5601
NB118A1	11042-06W27	DJ351	11042-05B26	NB149A1	DR160
NB118A1	11042-06W28	DJ351	11042-05B27	NB149A1	DR160
NB118A1	11042-D8125	DJ351	11042-05B28	NB149A1	DR160
NB118A1	11042-D8126	DJ351	11042-05B29	NB149A1	DR160
NB119A1	11042-C6825	DJ360	11042-05E25	NB153A1	DR360
NB119B1	11042-C8625	DJ363	11042-05E75	NB153A1	DR360
NB119B1	11042-C8626	DJ363	11042-05G25	NB101B1	CJ051
NB119B1	11042-C8627	DJ363	11042-05G85	NB106C1	CJ494
NB119B1	11042-C8628	DJ363	11042-05H25	NB128A1	DK750
NB121B1	10103-Z5125	DJ391	11042-05N25	NB117D1	DG725
NB121B1	10103-Z5526	DJ391	11042-06F25	NB139A1	DM760
NB121C1	10103-Z5525	DJ392	11042-06F27	NB139E1	DM764
NB121C1	11042-Z5126	DJ392	11042-06W25	NB118A1	DJ351
NB122A1	11042-41M25	DJ690	11042-06W27	NB118A1	DJ351
NB122A1	11042-41M85	DJ690	11042-06W28	NB118A1	DJ351
NB122A1	11042-41M86	DJ690	11042-07F25	NB138A1	DM590
NB123A1	11042-V0725	DK081	11042-08S25	NB106C1	CJ494
NB124A1	11042-11A25	DK440	11042-08S26	NB106C1	CJ494
NB124A1	11042-11A26	DK440	11042-09N25	NB154C1	DR662
NB124A1	11042-11A27	DK440	11042-09W25	NB137A1	DM580
NB124A1	11042-11A28	DK440	11042-09W26	NB137B1	DM581
NB124A1	11042-11M25	DK440	11042-09W27	NB137B1	DM581
NB124A1	11042-11M26	DK440	11042-10B25	NB133B1	DL761
NB124A1	11042-11M27	DK440	11042-10W25	NB131A1	DL260
NB124A1	11042-11M85	DK440	11042-10W27	NB154C1	DR662
NB124A1	11042-11M86	DK440	11042-11A25	NB124A1	DK440
NB124A1	11042-11M87	DK440	11042-11A26	NB124A1	DK440
NB124A1	11042-11M88	DK440	11042-11A27	NB124A1	DK440
NB124B1	11042-01A25	DK441	11042-11A28	NB124A1	DK440
NB124B1	11042-01A26	DK441	11042-11E85	NB130D1	DK843
NB124B1	11042-01M25	DK441	11042-11M25	NB124A1	DK440
NB124B1	11042-01M26	DK441	11042-11M26	NB124A1	DK440
NB124B1	11042-01M85	DK441	11042-11M27	NB124A1	DK440
NB124B1	11042-01M86	DK441	11042-11M85	NB124A1	DK440
NB124E1	11042-01A27	DK444	11042-11M86	NB124A1	DK440
NB124E1	11042-01A28	DK444	11042-11M87	NB124A1	DK440
NB124K1	11042-31M25	DK449	11042-11M88	NB124A1	DK440
NB124K1	11042-31M26	DK449	11042-11W25	NB106C1	CJ494
NB125A1	11042-97025	DK530	11042-12G85	NB136C1	DM572
NB125B1	10101-97225HS	DK531	11042-13C25	NB153C1	DR362
NB126A1	11042-96125	DK710	11042-15B25	NB133A1	DL760
NB126A1	11042-96125(new)	DK710	11042-15B26	NB133A1	DL760
NB126B1	11042-96525	DK711	11042-15B27	NB133A1	DL760
NB126B1	11042-96525(new)	DK711	11042-15B28	NB133A1	DL760
NB127A1	11042-97027	DK720	11042-15B85	NB133A1	DL760
NB127B1	10101-97229HS	DK721	11042-15B86	NB133A1	DL760
NB128A1	11042-05H25	DK750	11042-15G25	NB140B1	DM821
NB128A1	11042-G3425	DK750	11042-16A25	NB145B1	DP581
NB128A1	11042-G3426	DK750	11042-17A25	NB145B1	DP581

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
NB128A1	11042-G3427	DK750	11042-17A26	NB145A1	DP580
NB128A1	11042-H8625	DK750	11042-19B25	NB149B1	DR161
NB128A1	11042-H8627	DK750	11042-1E425	NB170A1	DV310
NB130A1	11042-D1325	DK840	11042-20G25	NB154C1	DR662
NB130A1	11042-D1326	DK840	11042-20G26	NB154C1	DR662
NB130D1	11042-11E85	DK843	11042-21025	NB101B1	CJ051
NB131A1	11042-10W25	DL260	11042-21026	NB101B1	CJ051
NB132A1	11042-W1725	DL310	11042-21E85	NB138D1	DM593
NB132A1	11042-W1726	DL310	11042-21E87	NB138D1	DM593
NB132A1	11042-W1727	DL310	11042-22G25	NB117D1	DG725
NB132A1	11042-W1728	DL310	11042-22G26	NB117D1	DG725
NB133A1	11042-15B25	DL760	11042-22J25	NB167A1	DV250
NB133A1	11042-15B26	DL760	11042-23E85	NB138G1	DM596
NB133A1	11042-15B27	DL760	11042-23E87	NB138G1	DM596
NB133A1	11042-15B28	DL760	11042-24C25	NB154B1	DR661
NB133A1	11042-15B85	DL760	11042-24C27	NB154B1	DR661
NB133A1	11042-15B86	DL760	11042-24E85	NB139F1	DM765
NB133B1	11042-10B25	DL761	11042-24E87	NB139F1	DM765
NB134A1	10101-T8226HS	DL770	11042-29R25	NB139C1	DM762
NB135A1	11042-34W25	DM290	11042-29R26	NB139C1	DM762
NB135A1	11042-34W26	DM290	11042-29R27	NB139C1	DM762
NB135B1	11042-G7025	DM291	11042-30P25	NB163A1	DS910
NB135B1	11042-R8125	DM291	11042-30R25	NB160B1	DS771
NB135B1	11042-R8126	DM291	11042-31M25	NB124K1	DK449
NB135B1	11042-Y1425	DM291	11042-31M26	NB124K1	DK449
NB135D1	11042-V0625	DM292	11042-34W25	NB135A1	DM290
NB135D1	11042-V0626	DM292	11042-34W26	NB135A1	DM290
NB135D1	11042-V0627	DM292	11042-37J27	NB226A1	CF5600
NB135E1	11042-V1726	DM293	11042-40F25	NB160A1	DS770
NB135E1	11042-V1727	DM293	11042-40F26	NB160A1	DS770
NB135F1	11042-J5325	DM294	11042-40F27	NB160A1	DS770
NB135G1	10101-L2526HS	DM295	11042-40L26	NB174A1	DW620
NB136A1	11042-01P25	DM570	11042-40P25	NB163A1	DS910
NB136A1	11042-01P26	DM570	11042-40P26	NB163A1	DS910
NB136A1	11042-V5925	DM570	11042-40P27	NB163A1	DS910
NB136A1	11042-V5926	DM570	11042-40P85	NB163B1	DS911
NB136A1	11042-V5927	DM570	11042-40P86	NB163B1	DS911
NB136A1	11042-V6225	DM570	11042-41M25	NB122A1	DJ690
NB136C1	11042-12G85	DM572	11042-41M85	NB122A1	DJ690
NB137A1	11042-09W25	DM580	11042-41M86	NB122A1	DJ690
NB137B1	11042-09W26	DM581	11042-43G25	NB157A1	DS200
NB137B1	11042-09W27	DM581	11042-43G25A2	NB159A1	DS760
NB137B1	11042-J1836	DM581	11042-43G26	NB157A1	DS200
NB138A1	11042-07F25	DM590	11042-43G27	NB157A1	DS200
NB138D1	11042-21E85	DM593	11042-45L25	NB175A1	DX070
NB138D1	11042-21E87	DM593	11042-51L25	NB108D1	CJ586
NB138G1	11042-23E85	DM596	11042-53Y25	NB146A1	DP950
NB138G1	11042-23E87	DM596	11042-54A25	NB145A1	DP580
NB138J1	11042-D1327	DM598	11042-54A85	NB145A1	DP580
NB138J1	11042-D1328	DM598	11042-57L25	NB108D1	CJ586

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
NB138J1	11042-D1329	DM598	11042-57L26	NB159A1	DS760
NB139A1	11042-06F25	DM760	11042-57L26	NB159A1	DR180
NB139C1	11042-29R25	DM762	11042-57Y25	NB147A1	DP960
NB139C1	11042-29R26	DM762	11042-57Y85	NB147A1	DP960
NB139C1	11042-29R27	DM762	11042-60U25	NB161A1	DS830
NB139D1	11042-V5426	DM763	11042-61W25	NB117C1	DG724
NB139E1	11042-06F27	DM764	11042-62S25	NB144A1	DP550
NB139F1	11042-24E85	DM765	11042-64Y25	NB164B1	DT051
NB139F1	11042-24E87	DM765	11042-65M25	NB151A1	DR240
NB139G1	11042-D3527	DM766	11042-67S25	NB144A1	DP550
NB140A1	11042-W7025	DM820	11042-69S25	NB155A1	DR870
NB140A1	11042-W7026	DM820	11042-6N226	NB209C1	
NB140A1	11042-W7027	DM820	11042-6N227	NB209D1	
NB140A1	11042-W7125	DM820	11042-70L25	NB174A1	DW620
NB140A1	11042-W7126	DM820	11042-73Y86	NB146A1	DP950
NB140A1	11042-W7127	DM820	11042-74N25	NB172A1	CD5280
NB140B1	11042-15G25	DM821	11042-74N25	NB172A1	DW420
NB140B1	11042-T6025	DM821	11042-74N28	NB172A1	DW420
NB140B1	11042-T6026	DM821	11042-74Y25	NB148A1	DP970
NB140B1	11042-T6027	DM821	11042-76228	NB110A1	CJ680
NB140B1	11042-W3827	DM821	11042-78A25	NB171B1	DV991
NB141A1	11042-H3925	DN170	11042-78E26	NB164A1	DT050
NB141A1	11042-H3926	DN170	11042-82A25	NB156A1	DS050
NB141A1	11042-H3927	DN170	11042-84A25	NB158B1	DS612
NB141A1	11042-H3928	DN170	11042-84A26	NB158B1	DS612
NB141A1	11042-H8825	DN170	11042-84A27	NB158B1	DS612
NB141A1	11042-M3025	DN170	11042-85M25	NB151A1	DR240
NB143A1	11042-R2025	DN680	11042-85M26	NB151A1	DR240
NB143A1	11042-R2026	DN680	11042-87A00	NB171A1	DV990
NB143A1	11042-R2027	DN680	11042-87A25	NB171A1	DV990
NB143A1	11042-R2028	DN680	11042-87A26	NB171A1	DV990
NB144A1	11042-62S25	DP550	11042-88A25	NB158A1	DS610
NB144A1	11042-67S25	DP550	11042-90778	NB115A1	DE380
NB145A1	11042-17A26	DP580	11042-95025	NB115A1	DE380
NB145A1	11042-54A25	DP580	11042-96025(new)	NB116A1	DE910
NB145A1	11042-54A85	DP580	11042-96027(new)	NB116C1	DE913
NB145B1	11042-16A25	DP581	11042-96027N	NB192A1	CE5700
NB145B1	11042-17A25	DP581	11042-96125	NB126A1	DK710
NB146A1	11042-53Y25	DP950	11042-96125(new)	NB126A1	DK710
NB146A1	11042-73Y86	DP950	11042-96525	NB126B1	DK711
NB147A1	11042-57Y25	DP960	11042-96525(new)	NB126B1	DK711
NB147A1	11042-57Y85	DP960	11042-96525N	NB193B1	CE5711
NB148A1	11042-74Y25	DP970	11042-97025	NB125A1	DK530
NB149A1	11042-05B26	DR160	11042-97027	NB127A1	DK720
NB149A1	11042-05B27	DR160	11042-97E25	NB168A1	DV290
NB149A1	11042-05B28	DR160	11042-AE225	NB209B1	CF5540
NB149A1	11042-05B29	DR160	11042-AU025	NB209A1	
NB149B1	11042-19B25	DR161	11042-B8525	NB103B1	CJ102
NB151A1	11042-65M25	DR240	11042-C6825	NB119A1	DJ360
NB151A1	11042-85M25	DR240	11042-C8625	NB119B1	DJ363

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
NB151A1	11042-85M26	DR240	11042-C8626	NB119B1	DJ363
NB152A1	11042-C8725	DR260	11042-C8627	NB119B1	DJ363
NB152A1	11042-C8726	DR260	11042-C8628	NB119B1	DJ363
NB152A1	11042-C8727	DR260	11042-C8725	NB152A1	DR260
NB153A1	11042-05E25	DR360	11042-C8726	NB152A1	DR260
NB153A1	11042-05E75	DR360	11042-C8727	NB152A1	DR260
NB153A1	11042-D9727	DR360	11042-C9425	NB154C1	DR662
NB153A1	11042-D9728	DR360	11042-D1325	NB130A1	DK840
NB153A1	11042-G5525	DR360	11042-D1326	NB130A1	DK840
NB153C1	11042-13C25	DR362	11042-D1327	NB138J1	DM598
NB154B1	11042-24C25	DR661	11042-D1328	NB138J1	DM598
NB154B1	11042-24C27	DR661	11042-D1329	NB138J1	DM598
NB154C1	11042-03G25	DR662	11042-D3527	NB139G1	DM766
NB154C1	11042-03G26	DR662	11042-D6025	NB156A1	DS050
NB154C1	11042-03G27	DR662	11042-D8125	NB118A1	DJ351
NB154C1	11042-09N25	DR662	11042-D8126	NB118A1	DJ351
NB154C1	11042-10W27	DR662	11042-D9727	NB153A1	DR360
NB154C1	11042-20G25	DR662	11042-D9728	NB153A1	DR360
NB154C1	11042-20G26	DR662	11042-E1027	NB103A1	CJ101
NB154C1	11042-C9425	DR662	11042-E3125	NB108A1	CJ582
NB155A1	11042-69S25	DR870	11042-E3126	NB108A1	CJ582
NB156A1	11042-01Y25	DS050	11042-E4125	NB108A1	CJ582
NB156A1	11042-01Y26	DS050	11042-G3425	NB128A1	DK750
NB156A1	11042-82A25	DS050	11042-G3426	NB128A1	DK750
NB156A1	11042-D6025	DS050	11042-G3427	NB128A1	DK750
NB157A1	11042-43G25	DS200	11042-G5525	NB153A1	DR360
NB157A1	11042-43G26	DS200	11042-G7025	NB135B1	DM291
NB157A1	11042-43G27	DS200	11042-H1025	NB104A1	CJ130
NB158A1	11042-88A25	DS610	11042-H1026	NB104A1	CJ130
NB158B1	11042-84A25	DS612	11042-H1027	NB104A1	CJ130
NB158B1	11042-84A26	DS612	11042-H3925	NB141A1	DN170
NB158B1	11042-84A27	DS612	11042-H3926	NB141A1	DN170
NB159A1	11042-43G25A2	DS760	11042-H3927	NB141A1	DN170
NB159A1	11042-57L26	DS760	11042-H3928	NB141A1	DN170
NB159A1	11042-57L26	DR180	11042-H7225	NB113A1	DC270
NB160A1	11042-40F25	DS770	11042-H7227	NB113A1	DC270
NB160A1	11042-40F26	DS770	11042-H8625	NB128A1	DK750
NB160A1	11042-40F27	DS770	11042-H8627	NB128A1	DK750
NB160B1	11042-30R25	DS771	11042-H8825	NB141A1	DN170
NB160B1	A1042-30R2E	DS771	11042-H8826	NB104A1	CJ130
NB161A1	11042-60U25	DS830	11042-H8925	NB113E1	DC273
NB163A1	11042-30P25	DS910	11042-H9526	NB113F1	DC274
NB163A1	11042-40P25	DS910	11042-H9527	NB113F1	DC274
NB163A1	11042-40P26	DS910	11042-H9826	NB113E1	DC273
NB163A1	11042-40P27	DS910	11042-J0125	NB103A1	CJ101
NB163B1	11042-40P85	DS911	11042-J0126	NB103A1	CJ101
NB163B1	11042-40P86	DS911	11042-J1836	NB137B1	DM581
NB164A1	11042-78E26	DT050	11042-J5325	NB135F1	DM294
NB164B1	11042-64Y25	DT051	11042-K2525	NB106C1	CJ494
NB167A1	11042-22J25	DV250	11042-K2526	NB106C1	CJ494

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
NB168A1	11042-97E25	DV290	11042-K2527	NB106C1	CJ494
NB170A1	11042-1E425	DV310	11042-K2528	NB106C1	CJ494
NB171A1	11042-87A00	DV990	11042-M3025	NB141A1	DN170
NB171A1	11042-87A25	DV990	11042-M6625	NB113F1	DC274
NB171A1	11042-87A26	DV990	11042-M6626	NB113F1	DC274
NB171B1	11042-78A25	DV991	11042-M6726	NB113F1	DC274
NB172A1	11042-74N25	CD5280	11042-M7725	NB104A1	CJ130
NB172A1	11042-74N25	DW420	11042-M9528	NB113A1	DC270
NB172A1	11042-74N28	DW420	11042-M9529	NB113A1	DC270
NB173A1		DW540	11042-N4725	NB114D1	DC386
NB174A1	11042-40L26	DW620	11042-N7227	NB101B1	CJ051
NB174A1	11042-70L25	DW620	11042-P1125	NB108A1	CJ582
NB175A1	11042-45L25	DX070	11042-P7125	NB114D1	DC386
NB192A1	11042-96027N	CE5700	11042-P7126	NB114D1	DC386
NB193B1	11042-96525N	CE5711	11042-P7127	NB114D1	DC386
NB209A1	11042-AU025		11042-Q1726	NB114D1	DC386
NB209B1	11042-AE225	CF5540	11042-R2025	NB143A1	DN680
NB209C1	11042-6N226		11042-R2026	NB143A1	DN680
NB209D1	11042-6N227		11042-R2027	NB143A1	DN680
NB226A1	11042-37J27	CF5600	11042-R2028	NB143A1	DN680
NB226B1	11042-03J26	CF5601	11042-R8125	NB135B1	DM291
ND101B1	10101-05G25	FJ051	11042-R8126	NB135B1	DM291
ND101B1	10101-21025	FJ051	11042-T6025	NB140B1	DM821
ND101B1	10101-21026	FJ051	11042-T6026	NB140B1	DM821
ND101B1	10101-21028	FJ051	11042-T6027	NB140B1	DM821
ND101B1	10101-23025	FJ051	11042-T7025	NB117C1	DG724
ND101B1	10101-23027	FJ051	11042-T7026	NB117C1	DG724
ND101B1	10101-23028	FJ051	11042-U0126	NB101B1	CJ051
ND101B1	10101-A8625	FJ051	11042-U0625	NB106C1	CJ494
ND101B1	10101-N7227	FJ051	11042-U0626	NB106C1	CJ494
ND101B1	10101-U0125	FJ051	11042-U0627	NB106C1	CJ494
ND101B1	10101-U0126	FJ051	11042-V0625	NB135D1	DM292
ND102A1	10101-16525	FJ061	11042-V0626	NB135D1	DM292
ND102A1	10101-B3425	FJ061	11042-V0627	NB135D1	DM292
ND102A1	10101-B3925	FJ061	11042-V0725	NB123A1	DK081
ND102A1	10101-B3926	FJ061	11042-V1726	NB135E1	DM293
ND103A1	10101-E1025	FJ101	11042-V1727	NB135E1	DM293
ND103A1	10101-E1027	FJ101	11042-V5426	NB139D1	DM763
ND103A1	10101-J0125	FJ101	11042-V5925	NB136A1	DM570
ND103A1	10101-J0126	FJ101	11042-V5926	NB136A1	DM570
ND103B1	10101-B8525	FJ102	11042-V5927	NB136A1	DM570
ND103B1	10101-B8526	FJ102	11042-V6225	NB136A1	DM570
ND104A1	10101-18025	FJ130	11042-W1725	NB132A1	DL310
ND104A1	10101-18027	FJ130	11042-W1726	NB132A1	DL310
ND104A1	10101-H1025	FJ130	11042-W1727	NB132A1	DL310
ND104A1	10101-H1026	FJ130	11042-W1728	NB132A1	DL310
ND104A1	10101-H1027	FJ130	11042-W2125	NB106C1	CJ494
ND104B1	10101-M0125	FJ135	11042-W3125	NB108D1	CJ586
ND104B1	10101-M0126	FJ135	11042-W3126	NB108D1	CJ586
ND104B1	10101-M0127	FJ135	11042-W3827	NB140B1	DM821

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
ND105B1	10101-C6025	FJ381	11042-W4125	NB117C1	DG724
ND105B1	10101-C6026	FJ381	11042-W4126	NB117C1	DG724
ND106C1	10101-05G85	FJ495	11042-W5725	NB106C1	CJ494
ND106C1	10101-08S25	FJ495	11042-W7025	NB140A1	DM820
ND106C1	10101-08S26	FJ495	11042-W7026	NB140A1	DM820
ND106C1	10101-11W25	FJ495	11042-W7027	NB140A1	DM820
ND106C1	10101-U0625	FJ495	11042-W7125	NB140A1	DM820
ND106C1	10101-U0626	FJ495	11042-W7126	NB140A1	DM820
ND106C1	10101-U0627	FJ495	11042-W7127	NB140A1	DM820
ND106C1	10101-U0628	FJ495	11042-Y1425	NB135B1	DM291
ND106C1	10101-U6027	FJ495	11042-Z5126	NB121C1	DJ392
ND106C1	10101-U6028	FJ495	11044-01B00	NA133G1	BL760
ND106C1	10101-U6029	FJ495	11044-01B01	NA133G1	BL760
ND106C1	10101-W2125	FJ495	11044-01M00	NA124G1	BK440
ND106C1	10101-W2225	FJ495	11044-01M01	NA124G1	BK440
ND106C1	10101-W5725	FJ495	11044-01M02	NA124G1	BK440
ND106C1	10101-W5726	FJ495	11044-01T00	NA213M1	BM560
ND108A1	10101-E3125	FJ580	11044-01Y00	NA156G1	BS050
ND108A1	10101-E3126	FJ580	11044-02N01	NA159M1	BS760
ND108A1	10101-E3426	FJ580	11044-02N02	NA159M1	BS760
ND108A1	10101-P1125	FJ580	11044-02N03	NA159M1	BS760
ND108A1	10101-P1126	FJ580	11044-05B00	NA149G1	BR160
ND108A1	10101-P1425	FJ580	11044-05D00	NA211M1	
ND108A1	10101-P1426	FJ580	11044-05D02	NA211M1	
ND108A1	10101-P1427	FJ580	11044-05E00	NA153G1	BR360
ND108A1	10101-P1428	FJ580	11044-05E20	NA153G1	BR360
ND108D1	10101-51L25	FJ586	11044-05U16	NA182N1	AD5410
ND108D1	10101-57L25	FJ586	11044-06J00	NA181M1	BW610
ND108D1	10101-P1127	FJ586	11044-06J00	NA181M1	BZ420
ND108D1	10101-W3125	FJ586	11044-06J00	NA181M1	BW610
ND108D1	10101-W3126	FJ586	11044-06J01	NA181M1	BZ420
ND110A1	10101-76220	FJ680	11044-06J01	NA181M1	BW610
ND110A1	10101-76221	FJ680	11044-06J02	NA181M1	BW610
ND110A1	10101-76222	FJ680	11044-06J02	NA181M1	BZ420
ND110A1	10101-76223	FJ680	11044-06P00	NA136G1	BM570
ND110A1	10101-76224	FJ680	11044-06W00	NA118F1	BJ350
ND110A1	10101-76225	FJ680	11044-06W01	NA118F1	BJ350
ND110A1	10101-76226	FJ680	11044-06W02	NA118F1	BJ350
ND110A1	10101-76227	FJ680	11044-06W03	NA118F1	BJ350
ND110A1	10101-76228	FJ680	11044-06W04	NA118F1	BJ350
ND113A1	10101-H7225	GC270	11044-08B00	NA149G1	BR160
ND113A1	10101-H7227	GC270	11044-08B01	NA149G1	BR160
ND113A1	10101-H7825	GC270	11044-08B02	NA149G1	BR160
ND113A1	10101-H7828	GC270	11044-09W00	NA137M1	BM580
ND113A1	10101-M9528	GC270	11044-09W01	NA137M1	BM580
ND113A1	10101-M9529	GC270	11044-0C402	NA172M1	BW420
ND113E1	10101-H8925	GC275	11044-0C412	NA172M1	BW420
ND113E1	10101-H9826	GC275	11044-10B00	NA133G1	BL760
ND113F1	10101-M6625	GC276	11044-10B01	NA133G1	BL760
ND113F1	10101-M6726	GC276	11044-10B02	NA133G1	BL760

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
ND114D1	10101-N4725	GC385	11044-10W01	NA131G1	BL260
ND114D1	10101-P7125	GC385	11044-10W02	NA154G1	BR660
ND114D1	10101-P7126	GC385	11044-13201	NA102G1	AJ060
ND114D1	10101-P7127	GC385	11044-13202	NA102G1	AJ060
ND114D1	10101-Q1726	GC385	11044-13C00	NA153G1	BR360
ND115A1	10101-95025	GE380	11044-13C01	NA153G1	BR360
ND115A1	10101-95028	GE380	11044-13C02	NA153G1	BR360
ND115A1	10103-95025	GE380	11044-16A00	NA145G1	BP580
ND115A1	10103-95026	GE380	11044-16A01	NA145G1	BP580
ND115A1	10103-95027	GE380	11044-16A02	NA145G1	BP580
ND115A1	10103-95028	GE380	11044-16A05	NA145G1	BP580
ND115A1	10103-95029	GE380	11044-16A06	NA145G1	BP580
ND115B1	10101-95325	GE382	11044-16A07	NA145G1	BP580
ND116A1	11045-90727	GE910	11044-18001	NA104F1	AJ130
ND116A1	11045-90727(new)	GE910	11044-18002	NA104F1	AJ130
ND116A1	11045-90728(new)	GE910	11044-19D05	NA201M1	
ND116B1	10101-96025(new)	GE911	11044-1C711	NA183G1	AG5190
ND116B1	10103-96025(new)	GE911	11044-1E420	NA170G1	BV310
ND116B1	10103-96026(new)	GE911	11044-1P010	NA174M1	BW620
ND116B1	10103-96027(new)	GE911	11044-1P011	NA174M1	BW620
ND116C1	10101-96027(new)	GE913	11044-1P012	NA174M1	BW620
ND116C1	10101-96028(new)	GE913	11044-1P062	NA174M1	BW620
ND116C1	10101-96029(new)	GE913	11044-1W400	NA217M1	BZ380
ND116C1	10101-96127(new)	GE913	11044-1W401	NA217M1	BZ380
ND117C1	10101-61W25	GG724	11044-1W402	NA217M1	BZ380
ND117C1	10101-T7025	GG724	11044-21003	NA101F1	AJ050
ND117C1	10101-T8026	GG724	11044-21005	NA101F1	AJ050
ND117C1	10101-W4125	GG724	11044-21V00	NA136G1	BM570
ND117C1	10101-W4126	GG724	11044-22J10	NA167M1	BV250
ND117D1	10101-05N25	GG725	11044-22J11	NA167M1	BV250
ND117D1	10101-22G25	GG725	11044-22J12	NA167M1	BV250
ND117D1	10101-22G26	GG725	11044-22J15	NA167M1	BV250
ND118A1	10101-06W25	GJ351	11044-22J16	NA167M1	BV250
ND118A1	10101-06W27	GJ351	11044-22J17	NA167M1	BV250
ND118A1	10101-06W28	GJ351	11044-27L00	NA108G1	AJ580
ND118A1	10101-D8125	GJ351	11044-2J616	NA220M1	AD5280
ND118A1	10101-D8126	GJ351	11044-30004	NA102G1	AJ060
ND118A1	10101-D8127	GJ351	11044-31M00	NA124G1	BK440
ND119A1	10101-C6825	GJ360	11044-31U00	NA222F1	AG8240
ND119A1	10101-C6826	GJ360	11044-31U00	NA222F1	AA5170
ND119A1	10101-C6827	GJ360	11044-31U10	NA224F1	AG8220
ND119B1	10101-C8625	GJ363	11044-33M00	NA124G1	BK440
ND119B1	10101-C8626	GJ363	11044-33M10	NA124G1	BK440
ND119B1	10101-C8627	GJ363	11044-33M11	NA124G1	BK440
ND121B1	10101-Z5426	GJ391	11044-37J00	NA226M1	AF5600
ND121B1	10101-Z5427	GJ391	11044-38U00	NA186M1	AB5060
ND121B1	10101-Z5428	GJ391	11044-38U02	NA186M1	AB5060
ND121B1	10101-Z5526	GJ391	11044-40F00	NA160G1	BS770
ND121C1	10101-Z5026	GJ392	11044-40F10	NA160G1	BS770
ND121C1	10101-Z5027	GJ392	11044-40L26	NA174M1	BW620



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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
ND121C1	10101-Z5126	GJ392	11044-40P00	NA163G1	BS910
ND122A1	10101-41M25	GJ690	11044-41M01	NA122F1	BJ690
ND122A1	10101-41M85	GJ690	11044-41M02	NA122F1	BJ690
ND122A1	10101-41M86	GJ690	11044-41M10	NA122F1	BJ690
ND123A1	10101-V0725	GK081	11044-41M11	NA122F1	BJ690
ND123A1	10101-V0726	GK081	11044-41M12	NA122F1	BJ690
ND123A1	10101-V0727	GK081	11044-42L00	NA155G1	BR870
ND123A1	10101-W2525	GK081	11044-43G01	NA157M1	BS200
ND124A1	10101-11A25	GK440	11044-43G02	NA157M1	BS200
ND124A1	10101-11A26	GK440	11044-43G03	NA157M1	BS200
ND124A1	10101-11A27	GK440	11044-44G01	NA173M1	BW540
ND124A1	10101-11A28	GK440	11044-44G02	NA173M1	BW540
ND124A1	10101-11M25	GK440	11044-44G03	NA173M1	BW540
ND124A1	10101-11M26	GK440	11044-45L00	NA175G1	BX070
ND124A1	10101-11M27	GK440	11044-45V00	NA163G1	BS910
ND124A1	10101-11M85	GK440	11044-45V11	NA163G1	BS910
ND124A1	10101-11M86	GK440	11044-48L01	NA138G1	BM590
ND124A1	10101-11M87	GK440	11044-4W000	NA194M1	AE5880
ND124A1	10101-11M88	GK440	11044-53Y00	NA146G1	BP950
ND124B1	10101-01A25	GK441	11044-53Y10	NA146G1	BP950
ND124B1	10101-01A26	GK441	11044-54A00	NA145G1	BP580
ND124B1	10101-01M25	GK441	11044-54A01	NA145G1	BP580
ND124B1	10101-01M26	GK441	11044-54A02	NA145G1	BP580
ND124B1	10101-01M85	GK441	11044-54T04	NA216M1	
ND124B1	10101-01M86	GK441	11044-54T05	NA216M1	
ND124E1	10101-01A27	GK444	11044-54T06	NA216M1	
ND124E1	10101-01A28	GK444	11044-54T07	NA216M1	
ND124K1	10101-31M25	GK44A	11044-55M01	NA151G1	BR240
ND124K1	10101-31M26	GK44A	11044-56S01	NA175G1	BX070
ND125A1	10101-97025	GK530	11044-57Y00	NA147G1	BP960
ND125A1	10101-97128	GK530	11044-58003	NA105F1	AJ380
ND125B1	10101-97225	GK531	11044-58S01	NA175G1	BX070
ND125B1	10101-97227	GK531	11044-60U10	NA161G1	BS830
ND126A1	10101-96125(new)	GK710	11044-61512	NA119G1	BJ360
ND126B1	10101-96525	GK711	11044-61513	NA119G1	BJ360
ND126B1	10101-96525(new)	GK711	11044-61514	NA119G1	BJ360
ND127A1	10101-97027	GK720	11044-65F03	NA190M1	AE5090
ND127B1	10101-97229	GK721	11044-67S02	NA144G1	BP550
ND128A1	10101-G3425	GK750	11044-6N202	NA209M1	AF5540
ND128A1	10101-G3426	GK750	11044-70F00	NA189G1	AD5620
ND128A1	10101-G3427	GK750	11044-74003	NA103G1	AJ100
ND128A1	10101-H8625	GK750	11044-74Y00	NA148G1	BP970
ND128A1	10101-H8627	GK750	11044-76203	NA110G1	AJ680
ND130A1	10101-D1325	GK840	11044-76204	NA110G1	AJ680
ND130A1	10101-D1326	GK840	11044-77A00	NA171G1	BV990
ND130D1	10101-11E85	GK843	11044-79E02	NA164G1	BT050
ND131A1	10101-10W25	GL260	11044-79E03	NA164G1	BT050
ND132A1	10101-W1725	GL310	11044-79E12	NA164G1	BT050
ND132A1	10101-W1726	GL310	11044-79E13	NA164G1	BT050
ND132A1	10101-W1727	GL310	11044-84A00	NA158G1	BS610

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
ND132A1	10101-W1728	GL310	11044-84G00	NA179F1	AY780
ND133A1	10101-15B25	GL760	11044-85G00	NA178F1	AY330
ND133A1	10101-15B26	GL760	11044-85M00	NA151G1	BR240
ND133A1	10101-15B27	GL760	11044-87A00	NA171G1	BV990
ND133A1	10101-15B28	GL760	11044-87G01	NA173M1	BW540
ND133A1	10101-15B65	GL760	11044-87G02	NA173M1	BW540
ND133A1	10101-15B85	GL760	11044-87G03	NA173M1	BW540
ND133A1	10101-15B86	GL760	11044-88A00	NA158G1	BS610
ND133B1	10101-10B25	GL761	11044-8M010	NA188M1	AB5630
ND133B1	10101-10B26	GL761	11044-90003	NA119G1	BJ360
ND134A1	10101-T8226	GL770	11044-95000	NA115T1	BE380
ND134A1	10101-T8227	GL770	11044-95003	NA115T1	BE380
ND135A1	10101-34W25	GM290	11044-95004	NA115T1	BE380
ND135A1	10101-34W26	GM290	11044-96000	NA116T1	BE910
ND135C1	10101-G7025	GM292	11044-96001	NA116T1	BE910
ND135C1	10101-G7026	GM292	11044-96002	NA116T1	BE910
ND135C1	10101-R8125	GM292	11044-96003	NA116T1	BE910
ND135C1	10101-R8126	GM292	11044-96004	NA116T1	BE910
ND135C1	10101-T3426	GM292	11044-96005	NA116T1	BE910
ND135C1	10101-Y7525	GM292	11044-96006	NA116T1	BE910
ND135C1	10101-Y7526	GM292	11044-96007	NA116T1	BE910
ND135D1	10101-V0625	GM293	11044-96502	NA126T1	BK710
ND135D1	10101-V0626	GM293	11044-96503	NA126T1	BK710
ND135D1	10101-V0627	GM293	11044-96505	NA126T1	BK710
ND135D1	10101-V6026	GM293	11044-96510	NA126T1	BK710
ND135E1	10101-V1726	GM294	11044-96560	NA126T1	BK710
ND135E1	10101-V1727	GM294	11044-96561	NA202F1	
ND135F1	10101-J5325	GM295	11044-96564	NA202F1	
ND135G1	10101-L2526	GM296	11044-96567	NA202F1	
ND136A1	10101-01P25	GM570	11044-96573	NA210M1	
ND136A1	10101-01P26	GM570	11044-96E00	NA168G1	BV290
ND136A1	10101-01P27	GM570	11044-96E10	NA168G1	BV290
ND136A1	10101-V5925	GM570	11044-97000	NA127T1	BK720
ND136A1	10101-V5926	GM570	11044-97005	NA127T1	BK720
ND136A1	10101-V5927	GM570	11044-97006	NA127T1	BK720
ND136A1	10101-V6225	GM570	11044-97007	NA127T1	BK720
ND136C1	10101-12G85	GM572	11044-97009	NA203F1	
ND136C1	A0101-12G8E	GM572	11044-97010	NA204F1	
ND137A1	10101-09W25	GM580	11044-97011	NA205F1	
ND137B1	10101-09W26	GM581	11044-97014	NA205F1	
ND137B1	10101-09W27	GM581	11044-97500	NA125T1	BK530
ND137B1	10101-T8228	GM581	11044-97501	NA125T1	BK530
ND137B1	10101-T8229	GM581	11044-97502	NA125T1	BK530
ND137B1	10101-T8295	GM581	11044-97503	NA125F1	
ND138A1	10101-07F25	GM590	11044-97504	NA125F1	
ND138J1	10101-D1327	GM598	11044-97505	NA200F1	
ND138J1	10101-D1328	GM598	11044-97513	NA206F1	
ND138J1	10101-D1329	GM598	11044-97514	NA207F1	
ND139A1	10101-06F25	GM760	11044-97561	NA207F1	
ND139C1	10101-29R25	GM762	11044-9E000	NA170G1	BV310

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
ND139C1	10101-29R26	GM762	11044-A8600	NA101F1	AJ050
ND139C1	10101-29R27	GM762	11044-A8702	NA106G1	AJ490
ND139C1	10101-29R28	GM762	11044-C0600	NA105F1	AJ380
ND139D1	10101-V5426	GM763	11044-C8000	NA105F1	AJ380
ND139E1	10101-06F28	GM764	11044-C8600	NA119G1	BJ360
ND139F1	10101-24E87	GM765	11044-C8602	NA119G1	BJ360
ND139G1	10101-D3527	GM766	11044-C8700	NA152M1	BR260
ND139G1	10101-D3529	GM766	11044-C8701	NA152M1	BR260
ND140A1	10101-W7025	GM820	11044-D0200	NA130G1	BK840
ND140A1	10101-W7026	GM820	11044-D0201	NA130G1	BK840
ND140A1	10101-W7027	GM820	11044-D0202	NA130G1	BK840
ND140A1	10101-W7125	GM820	11044-D0203	NA130G1	BK840
ND140A1	10101-W7126	GM820	11044-D0204	NA138G1	BM590
ND140A1	10101-W7127	GM820	11044-D0205	NA138G1	BM590
ND140B1	10101-15G25	GM821	11044-D0210	NA138G1	BM590
ND140B1	10101-T6025	GM821	11044-D1700	NA139G1	BM760
ND140B1	10101-T6026	GM821	11044-D1701	NA139G1	BM760
ND140B1	10101-W3827	GM821	11044-D1702	NA139G1	BM760
ND141A1	10101-H3925	GN170	11044-D1703	NA139G1	BM760
ND141A1	10101-H3926	GN170	11044-D1704	NA139G1	BM760
ND141A1	10101-H3927	GN170	11044-D1705	NA139G1	BM760
ND141A1	10101-H3928	GN170	11044-D1706	NA139G1	BM760
ND141A1	10101-H3972	GN170	11044-D1707	NA139G1	BM760
ND141A1	10101-H8825	GN170	11044-D1710	NA139G1	BM760
ND141A1	10101-M9025	GN170	11044-D2800	NA145G1	BP580
ND141A1	10101-M9026	GN170	11044-D2801	NA145G1	BP580
ND144A1	10101-62S25	GP550	11044-D2802	NA145G1	BP580
ND144A1	10101-67S25	GP550	11044-E0800	NA103G1	AJ100
ND145A1	10101-17A26	GP580	11044-E3101	NA108G1	AJ580
ND145A1	10101-54A25	GP580	11044-E3102	NA108G1	AJ580
ND145A1	10101-54A85	GP580	11044-G5500	NA153G1	BR360
ND146A1	10101-53Y25	GP950	11044-G5501	NA153G1	BR360
ND146A1	10101-73Y86	GP950	11044-G5502	NA153G1	BR360
ND147A1	10101-57Y25	GP960	11044-H1000	NA104F1	AJ130
ND147A1	10101-57Y26	GP960	11044-H1001	NA104F1	AJ130
ND147A1	10101-57Y85	GP960	11044-H1025	NA104F1	AJ130
ND148A1	10101-74Y25	GP970	11044-H3901	NA141G1	BN170
ND148A1	10101-74Y28	GP970	11044-H3925	NA141G1	BN170
ND149A1	10101-05B26	GR160	11044-H3926	NA141G1	BN170
ND149A1	10101-05B27	GR160	11044-H3927	NA141G1	BN170
ND149A1	10101-05B28	GR160	11044-H7200	NA113G1	BC270
ND149B1	10101-19B25	GR161	11044-H7201	NA113G1	BC270
ND151A1	10101-55M25	GR240	11044-H7210	NA113G1	BC270
ND151A1	10101-85M25	GR240	11044-H8660	NA128G1	BK750
ND151A1	10101-85M26	GR240	11044-H8701	NA108G1	AJ580
ND151A1	10101-85M85	GR240	11044-H8720	NA108G1	AJ580
ND152A1	10101-C8725	GR260	11044-H9820	NA113G1	BC270
ND152A1	10101-C8726	GR260	11044-H9821	NA113G1	BC270
ND152A1	10101-C8727	GR260	11044-H9822	NA128G1	BK750
ND153A1	10101-05E75	GR360	11044-J6500	NA213M1	BM560

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
ND153A1	10101-05E76	GR360	11044-L2000	NA134G1	BL770
ND153A1	10101-D9727	GR360	11044-N2202	NA101F1	AJ050
ND153A1	10101-D9728	GR360	11044-N2203	NA101F1	AJ050
ND153A1	10101-D9785	GR360	11044-N2210	NA101F1	AJ050
ND153A1	10101-G5525	GR360	11044-N2211	NA101F1	AJ050
ND153C1	10101-13C25	GR362	11044-N2212	NA101F1	AJ050
ND153C1	10101-13C26	GR362	11044-N2213	NA101F1	AJ050
ND154B1	10101-17C27	GR661	11044-N2214	NA101F1	AJ050
ND154B1	10101-17C28	GR661	11044-N2215	NA101F1	AJ050
ND154B1	10101-24C25	GR661	11044-N4200	NA114G1	BC380
ND154C1	10101-03G25	GR662	11044-N4210	NA114G1	BC380
ND154C1	10101-03G26	GR662	11044-N4220	NA114G1	BC380
ND154C1	10101-03G27	GR662	11044-NC000	NA193F1	AE5710
ND154C1	10101-09N25	GR662	11044-NC001	NA192F1	AE5700
ND154C1	10101-10W27	GR662	11044-ND000	NA205F1	
ND154C1	10101-20G25	GR662	11044-ND004	NA125F1	
ND154C1	10101-20G26	GR662	11044-ND007	NA200F1	
ND155A1	10101-69S25	GR870	11044-ND009	NA204F1	
ND156A1	10101-01Y25	GS050	11044-P3000	NA108G1	AJ580
ND156A1	10101-01Y26	GS050	11044-P3001	NA108G1	AJ580
ND156A1	10101-01Y85	GS050	11044-P3002	NA108G1	AJ580
ND156A1	10101-01Y86	GS050	11044-P3003	NA108G1	AJ580
ND156A1	10101-82A25	GS050	11044-P3004	NA108G1	AJ580
ND156A1	10101-D6025	GS050	11044-P5100	NA103G1	AJ100
ND157A1	10101-43G25	GS200	11044-P5101	NA103G1	AJ100
ND157A1	10101-43G26	GS200	11044-P5110	NA103G1	AJ100
ND157A1	10101-43G27	GS200	11044-P8600	NA114G1	BC380
ND157A1	10101-43G28	GS200	11044-P8601	NA114G1	BC380
ND158A1	10101-88A25	GS610	11044-R2000	NA143G1	BN680
ND158A1	A0101-88A2F	GS610	11044-R2001	NA143G1	BN680
ND158B1	10101-84A25	GS612	11044-R2002	NA143G1	BN680
ND158B1	10101-84A26	GS612	11044-T9000	NA213M1	BM560
ND158B1	10101-84A27	GS612	11044-T9001	NA213M1	BM560
ND159A1	10101-43G25A2	GS760	11044-T9001	NA212T1	
ND160A1	10101-40F25	GS770	11044-T9300	NA213M1	BM560
ND160A1	10101-40F26	GS770	11044-U0800	NA106G1	AJ490
ND160A1	10101-40F27	GS770	11044-U0801	NA106G1	AJ490
ND160B1	10101-30R25	GS771	11044-U0802	NA106G1	AJ490
ND160B1	10101-30R26	GS771	11044-U0803	NA106G1	AJ490
ND160B1	10101-30R27	GS771	11044-U0810	NA106G1	AJ490
ND160B1	10101-30R28	GS771	11044-U0811	NA106G1	AJ490
ND161A1	10101-60U25	GS830	11044-U5720	NA108G1	AJ580
ND161A1	10101-60U26	GS830	11044-U8700	NA108G1	AJ580
ND163A1	10101-30P25	GS910	11044-U8710	NA108G1	AJ580
ND163A1	10101-40P25	GS910	11044-U8720	NA108G1	AJ580
ND163A1	10101-40P26	GS910	11044-V0700	NA123G1	BK080
ND163A1	10101-40P27	GS910	11044-V0710	NA123G1	BK080
ND163A1	10101-40P28	GS910	11044-V0711	NA123G1	BK080
ND163B1	10101-40P86		11044-V1700	NA135G1	BM290
ND164A1	10101-78E27	GT050	11044-V1701	NA135G1	BM290

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
ND164B1	10101-64Y25	GT051	11044-V5200	NA136G1	BM570
ND167A1	10101-22J25	GV250	11044-V5201	NA136G1	BM570
ND167A1	10101-22J27	GV250	11044-V5202	NA136G1	BM570
ND168A1	10101-97E25	GV290	11044-V5203	NA136G1	BM570
ND170A1	10101-1E425	GV310	11044-V5212	NA136G1	BM570
ND171A1	10101-87A25	GV990	11044-VB302	NA167M1	BV250
ND171A1	10101-87A26	GV990	11044-VC100	NA227M1	AF5740
ND171B1	10101-78A25	GV991	11044-W0400	NA117G1	BG720
ND171B1	10101-78A26	GV991	11044-W0402	NA117G1	BG720
ND172A1	10101-74N25	GW420	11044-W1700	NA132G1	BL310
ND172A1	10101-74N28	GW420	11044-W1701	NA132G1	BL310
ND173A1	10101-43G25A1	GW540	11044-W1702	NA132G1	BL310
ND174A1	10101-40L26	GW620	11044-W2500	NA123G1	BK080
ND174A1	A0101-40L2F	GW620	11044-W2501	NA123G1	BK080
ND175A1	10101-45L25	GX070	11044-W2502	NA123G1	BK080
ND175A1	10101-58S25	GX070	11044-W4000	NA117G1	BG720
ND175A1	10101-59S25	GX070	11044-W4001	NA117G1	BG720
ND192A1	10101-96027N	FE5700	11044-W7000	NA140G1	BM820
ND193B1	10101-96525N	FE5711	11044-W7001	NA140G1	BM820
ND209A1	10101-AU025	FB5630	11044-W7002	NA140G1	BM820
ND209B1	10101-AE225		11044-W7003	NA140G1	BM820
ND209C1	10101-6N226		11044-W7012	NA140G1	BM820
ND209D1	10101-6N227		11044-Y1400	NA135G1	BM290
ND226A1	10101-37J27	FF5600	11044-Y1401	NA135G1	BM290
ND226A1	10101-52H26	FF5600	11044-Y4400	NA103G1	AJ100
ND226B1	10101-03J25	FF5601	11044-Z5000	NA121T1	BJ390
ND226B1	10101-03J26	FF5601	11044-Z5001	NA121T1	BJ390
RA101F1	31230-0100	AX400	11044-Z5002	NA121T1	BJ390
RA101F1	31230-0101	AX400	11044-Z5004	NA121T1	BJ390
RA101F1	31230-0110	AX400	11044-Z5005	NA121T1	BJ390
RA101F1	31230-0112	AX400	11044-Z5505	NA121T1	BJ390
RA101F1	31230-0121	AX400	11044-Z5507	NA121T1	BJ390
RA101F1	31230-0131	AX400	11044-Z5509	NA121T1	BJ390
RA101F1	31230-0140	AX400	11044-Z5519	NA208M1	
RA101F1	31230-0141	AX400	11044-Z5565	NA208M1	
RA101F1	31230-0151	AX400	11045-90727	ND116A1	GE910
RA102F1	31230-4301	BC640	11045-90727(new)	ND116A1	GE910
RA102F1	31230-4302	BC640	11045-90728(new)	ND116A1	GE910
RA102F1	31230-4304	BC640	A0101-12G8E	ND136C1	GM572
RA103G1	41230-7202	BG740	A0101-40L2F	ND174A1	GW620
RA103G1	41230-7212	BG740	A0101-88A2F	ND158A1	GS610
RA103G1	41230-7222	BG740	A1042-30R2E	NB160B1	DS771
RA104G1	41230-7102	BG770			
RA104G1	41230-7111	BG770			
RA104G1	41230-7112	BG770			
RA104G1	41230-7122	BG770			
RA105G1	41230-5400	BL280	10105-AA000	RD117A1	GX210
RA105G1	41230-5500	BL280	10105-AA000HS	RB117A1	DX210
RA105G1	41230-5600	BL280	10105-AA011	RD117C1	GX212
RA105G1	41230-5700	BL280	10105-AA011HS	RB117C1	DX212
RA105G1	41230-5700	BL280	10105-AA021	RD113A1	GV450

**Subaru**

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
RA106F1	41230-7022	BM340	10105-AA021HS	RB113A1	DV450
RA108G1	11044-AA001	BN550	10105-AA220	RD117B1	GX211
RA108G1	11044-AA003	BN550	10105-AA220HS	RB117B1	DX211
RA109G1	11044-AA011	BN560	10403-5904	RA121M1	AG5610
RA109G1	11044-AA013	BN560	11044-AA001	RA108G1	BN550
RA109G1	11044-AA030	BN560	11044-AA003	RA108G1	BN550
RA110G1	41230-6102	BP730	11044-AA011	RA109G1	BN560
RA110G1	41230-6112	BP730	11044-AA013	RA109G1	BN560
RA110G1	41230-6202	BP730	11044-AA020	RA112G1	BS270
RA111G1	11044-KA010	BR560	11044-AA030	RA109G1	BN560
RA111G1	11044-KA011	BR560	11044-AA080	RA117G1	BX210
RA112G1	11044-AA020	BS270	11044-AA100	RA114G1	AG5280
RA113G1	11044-AA110	BV450	11044-AA100	RA114G1	BX200
RA113G1	11044-AA111	BV450	11044-AA110	RA113G1	BV450
RA113G1	11044-AA112	BV450	11044-AA111	RA113G1	BV450
RA113G1	11044-AA113	BV450	11044-AA112	RA113G1	BV450
RA113G1	11044-AA114	BV450	11044-AA113	RA113G1	BV450
RA114G1	11044-AA100	AG5280	11044-AA114	RA113G1	BV450
RA114G1	11044-AA100	BX200	11044-AA120	RA114G1	BW140
RA114G1	11044-AA120	BW140	11044-AA120	RA114G1	BX200
RA114G1	11044-AA120	BX200	11044-AA241	RA118M1	AF5760
RA116M1	11044-AA572	AG5590	11044-AA355	RA117G1	BX210
RA117G1	11044-AA080	BX210	11044-AA355	RA117G1	AG5210
RA117G1	11044-AA355	BX210	11044-AA443	RA119M1	AG5200
RA117G1	11044-AA355	AG5210	11044-AA470	RA119M1	AA5820
RA118M1	11044-AA241	AF5760	11044-AA470	RA119M1	AG5200
RA119M1	11044-AA443	AG5200	11044-AA482	RA120M1	AG5580
RA119M1	11044-AA470	AA5820	11044-AA572	RA116M1	AG5590
RA119M1	11044-AA470	AG5200	11044-KA010	RA111G1	BR560
RA120M1	11044-AA482	AG5580	11044-KA011	RA111G1	BR560
RA121M1	10403-5904	AG5610	28250-8103	RB102A1	DC640
RB101A1	38250-4603HS	CX401	31230-0100	RA101F1	AX400
RB102A1	28250-8103	DC640	31230-0101	RA101F1	AX400
RB103A1	49712-3001HS	DG740	31230-0110	RA101F1	AX400
RB104A1	49712-3000HS	DG770	31230-0112	RA101F1	AX400
RB105A1	49712-3051HS	DL280	31230-0121	RA101F1	AX400
RB105B1	49712-3056HS	DL281	31230-0131	RA101F1	AX400
RB106A1	49712-3053HS	DM340	31230-0140	RA101F1	AX400
RB108A1	X1041-AA000HS	DN550	31230-0141	RA101F1	AX400
RB108B1	X1041-AA001HS	DN551	31230-0151	RA101F1	AX400
RB108C1	X1041-AA016HS	DN552	31230-4301	RA102F1	BC640
RB109A1	X1041-AA010HS	DN560	31230-4302	RA102F1	BC640
RB109B1	X1041-AA011HS	DN561	31230-4304	RA102F1	BC640
RB110A1	49712-3057HS	DP730	38250-0420	RD101A1	FX401
RB110B1	49712-3058HS	DP731	38250-4600	RD101A1	FX401
RB111A1	49712-3059HS	DR560	38250-4601	RD101A1	FX401
RB111B1	49712-3013HS	DR561	38250-4602	RD101A1	FX401
RB112A1	X1041-AA020HS	DS270	38250-4603	RD101A1	FX401
RB113A1	10105-AA021HS	DV450	38250-4603HS	RB101A1	CX401
RB117A1	10105-AA000HS	DX210	38250-8100	RD102A1	GC640

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
RB117B1	10105-AA220HS	DX211	38250-8101	RD102A1	GC640
RB117C1	10105-AA011HS	DX212	38250-8103	RD102A1	GC640
RD101A1	38250-0420	FX401	41230-5400	RA105G1	BL280
RD101A1	38250-4600	FX401	41230-5500	RA105G1	BL280
RD101A1	38250-4601	FX401	41230-5600	RA105G1	BL280
RD101A1	38250-4602	FX401	41230-5700	RA105G1	BL280
RD101A1	38250-4603	FX401	41230-6102	RA110G1	BP730
RD102A1	38250-8100	GC640	41230-6112	RA110G1	BP730
RD102A1	38250-8101	GC640	41230-6202	RA110G1	BP730
RD102A1	38250-8103	GC640	41230-7022	RA106F1	BM340
RD103A1	49712-3001	GG740	41230-7102	RA104G1	BG770
RD104A1	49712-3000	GG770	41230-7111	RA104G1	BG770
RD105A1	49712-3051	GL280	41230-7112	RA104G1	BG770
RD105B1	49712-3056	GL281	41230-7122	RA104G1	BG770
RD106A1	49712-3053	GM340	41230-7202	RA103G1	BG740
RD108A1	X1041-AA000	GN550	41230-7212	RA103G1	BG740
RD108B1	X1041-AA001	GN551	41230-7222	RA103G1	BG740
RD108B1	X1041-AA002	GN551	49712-3000	RD104A1	GG770
RD108C1	X1041-AA016	GN552	49712-3000HS	RB104A1	DG770
RD109A1	X1041-AA010	GN560	49712-3001	RD103A1	GG740
RD109B1	X1041-AA011	GN561	49712-3001HS	RB103A1	DG740
RD110A1	49712-3057	GP730	49712-3005	RD110B1	GP731
RD110B1	49712-3005	GP731	49712-3013	RD111B1	GR561
RD110B1	49712-3058	GP731	49712-3013HS	RB111B1	DR561
RD111A1	49712-3059	GR560	49712-3051	RD105A1	GL280
RD111B1	49712-3013	GR561	49712-3051HS	RB105A1	DL280
RD112A1	X1041-AA020	GS270	49712-3053	RD106A1	GM340
RD113A1	10105-AA021	GV450	49712-3053HS	RB106A1	DM340
RD117A1	10105-AA000	GX210	49712-3056	RD105B1	GL281
RD117B1	10105-AA220	GX211	49712-3056HS	RB105B1	DL281
RD117C1	10105-AA011	GX212	49712-3057	RD110A1	GP730
SA101G1	11141-73000	BE550	49712-3057HS	RB110A1	DP730
SA101G1	11141-73001	BE550	49712-3058	RD110B1	GP731
SA101G1	11141-73002	BE550	49712-3058HS	RB110B1	DP731
SA101G1	11141-73003	BE550	49712-3059	RD111A1	GR560
SA102F1	11141-76001	BH740	49712-3059HS	RB111A1	DR560
SA103F1	11141-75101	BL390	X1041-AA000	RD108A1	GN550
SA103F1	11141-75102	BL390	X1041-AA000HS	RB108A1	DN550
SA104G1	11141-82000	BM740	X1041-AA001	RD108B1	GN551
SA104G1	11141-82001	BM740	X1041-AA001HS	RB108B1	DN551
SA104G1	11141-82011	BM740	X1041-AA002	RD108B1	GN551
SA104G1	96055143	BM740	X1041-AA010	RD109A1	GN560
SA105G1	11141-78400	BM910	X1041-AA010HS	RB109A1	DN560
SA105G1	11141-78401	BM910	X1041-AA011	RD109B1	GN561
SA105G1	11141-78402	BM910	X1041-AA011HS	RB109B1	DN561
SA106G1	11141-82600	BN480	X1041-AA016	RD108C1	GN552
SA106G1	11141-82601	BN480	X1041-AA016HS	RB108C1	DN552
SA106G1	11141-82602	BN480	X1041-AA020	RD112A1	GS270
SA106G1	11141-82611	BN480	X1041-AA020HS	RB112A1	DS270
SA106G1	11141-86501	BN480			

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
SA106G1	11141-86502	BN480	<b><u>Suzuki</u></b>		
SA106G1	11141-86502	AG5220			
SA108F1	11141-79100	BP780	11100-57811	SB111B1	DV130
SA109G1	11141-60A00	BS600	11100-60811	SB109A1	DS600
SA110G1	11141-60B00	BT900	11100-61810	SB110A1	DT900
SA110G1	11141-60B01	BT900	11100-61820	SB106D1	DN483
SA111G1	11141-71C00	BV130	11100-61820	SB106D1	CG5470
SA115N1	11141-86FA1	AG5730	11100-61840	SB106E1	DN484
SA117N1	11141-52D00	AG8100	11100-61841	SB106E1	DN484
SA119N1	11141-77E01		11100-73818	SB101A1	DE550
SA120N1	11141-75F10	AG8120	11100-77822	SB108A1	DP780
SB101A1	11100-73818	DE550	11100-77829	SB108A1	DP780
SB102A1	11400-78823HS	DH740	11100-77830	SB108A1	DP780
SB103A1	11100-80810	DL390	11100-78820	SB108A1	DP780
SB103A1	11100-80811	DL390	11100-78821	SB108A1	DP780
SB103A1	11100-80812	DL390	11100-78822	SB108A1	DP780
SB103A1	11100-80813	DL390	11100-78823	SB108A1	DP780
SB103A1	11100-80814	DL390	11100-78824	SB108A1	DP780
SB103A1	11100-80815	DL390	11100-78830	SB105A1	DM910
SB103A1	11100-80816	DL390	11100-80810	SB103A1	DL390
SB103A1	11100-80817	DL390	11100-80811	SB103A1	DL390
SB103A1	11100-80818	DL390	11100-80812	SB103A1	DL390
SB103B1	11100-85820	DL391	11100-80813	SB103A1	DL390
SB104A1	11100-82810	DM740	11100-80814	SB103A1	DL390
SB104A1	11100-82812	DM740	11100-80815	SB103A1	DL390
SB104A1	11100-82813	DM740	11100-80816	SB103A1	DL390
SB104A1	11100-82814	DM740	11100-80817	SB103A1	DL390
SB105A1	11100-78830	DM910	11100-80818	SB103A1	DL390
SB105A1	11400-78850HS	DM910	11100-82810	SB104A1	DM740
SB105B1	11400-84824HS	DM911	11100-82812	SB104A1	DM740
SB105C1	11100-84818	DM912	11100-82813	SB104A1	DM740
SB106A1	11100-82821	DN480	11100-82814	SB104A1	DM740
SB106A1	11100-82822	DN480	11100-82821	SB106A1	DN480
SB106A1	11100-82823	DN480	11100-82822	SB106A1	DN480
SB106A1	11100-82824	DN480	11100-82823	SB106A1	DN480
SB106A1	11100-82825	DN480	11100-82824	SB106A1	DN480
SB106A1	11100-82826	DN480	11100-82825	SB106A1	DN480
SB106B1	11100-83810	DN481	11100-82826	SB106A1	DN480
SB106B1	11100-83812	DN481	11100-83810	SB106B1	DN481
SB106B1	11100-83813	DN481	11100-83812	SB106B1	DN481
SB106B1	11100-83814	DN481	11100-83813	SB106B1	DN481
SB106B1	11100-83815	DN481	11100-83814	SB106B1	DN481
SB106B1	11100-83816	DN481	11100-83815	SB106B1	DN481
SB106C1	11100-86822	DN482	11100-83816	SB106B1	DN481
SB106D1	11100-61820	DN483	11100-84818	SB105C1	DM912
SB106D1	11100-61820	CG5470	11100-85820	SB103B1	DL391
SB106E1	11100-61840	DN484	11100-86822	SB106C1	DN482
SB106E1	11100-61841	DN484	11141-52D00	SA117N1	AG8100
SB108A1	11100-77822	DP780	11141-60A00	SA109G1	BS600
SB108A1	11100-77829	DP780	11141-60B00	SA110G1	BT900



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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
SB108A1	11100-77830	DP780	11141-60B01	SA110G1	BT900
SB108A1	11100-78820	DP780	11141-71C00	SA111G1	BV130
SB108A1	11100-78821	DP780	11141-73000	SA101G1	BE550
SB108A1	11100-78822	DP780	11141-73001	SA101G1	BE550
SB108A1	11100-78823	DP780	11141-73002	SA101G1	BE550
SB108A1	11100-78824	DP780	11141-73003	SA101G1	BE550
SB109A1	11100-60811	DS600	11141-75101	SA103F1	BL390
SB110A1	11100-61810	DT900	11141-75102	SA103F1	BL390
SB111B1	11100-57811	DV130	11141-75F10	SA120N1	AG8120
SB113A1	11401-77851HS		11141-76001	SA102F1	BH740
SB115A1	11400-65870HS	CG5730	11141-77E01	SA119N1	
SB115A1	11400-65871HS	CG5730	11141-78400	SA105G1	BM910
SB115A1	11400-65872HS	CG5730	11141-78401	SA105G1	BM910
SB115A1	11400-65873HS	CG5730	11141-78402	SA105G1	BM910
SB117A1	11400-52821HS	CG8100	11141-79100	SA108F1	BP780
SB119A1	11401-77864HS		11141-82000	SA104G1	BM740
SB119B1	11400-65862HS		11141-82001	SA104G1	BM740
SD101A1	11400-73811	GE550	11141-82011	SA104G1	BM740
SD101A1	11400-73813	GE550	11141-82600	SA106G1	BN480
SD101A1	11400-73818	GE550	11141-82601	SA106G1	BN480
SD101A1	11400-73819	GE550	11141-82602	SA106G1	BN480
SD101A1	11400-73820	GE550	11141-82611	SA106G1	BN480
SD101A1	11400-73821	GE550	11141-86501	SA106G1	BN480
SD101A1	11400-73822	GE550	11141-86502	SA106G1	BN480
SD102A1	11400-78821	GH740	11141-86502	SA106G1	AG5220
SD102A1	11400-78822	GH740	11141-86FA1	SA115N1	AG5730
SD102A1	11400-78823	GH740	11400-52820	SD117A1	FG8100
SD102A1	11400-78824	GH740	11400-52821	SD117A1	FG8100
SD102A1	11400-78825	GH740	11400-52821HS	SB117A1	CG8100
SD102A1	11400-78826	GH740	11400-58810	SD111B1	GV130
SD102A1	11400-78827	GH740	11400-58811	SD111B1	GV130
SD102A1	11400-78828	GH740	11400-60811	SD109A1	GS600
SD103A1	11400-80810	GL390	11400-60821	SD109A1	GS600
SD103A1	11400-80811	GL390	11400-61821	SD110A1	GT900
SD103A1	11400-80812	GL390	11400-61822	SD110A1	GT900
SD103A1	11400-80813	GL390	11400-61823	SD110A1	GT900
SD103A1	11400-80814	GL390	11400-61824	SD110A1	GT900
SD103A1	11400-80815	GL390	11400-61825	SD110A1	GT900
SD103A1	11400-80816	GL390	11400-61850	SD106E1	GN484
SD103A1	11400-80817	GL390	11400-61851	SD106E1	GN484
SD103A1	11400-80818	GL390	11400-61852	SD106E1	GN484
SD103B1	11400-85820	GL391	11400-61880	SD106D1	GN483
SD104A1	11400-82810	GM740	11400-65862	SD119B1	
SD104A1	11400-82814	GM740	11400-65862HS	SB119B1	
SD104A1	96055145	GM740	11400-65870HS	SB115A1	CG5730
SD105A1	11400-78850	GM910	11400-65871HS	SB115A1	CG5730
SD105A1	11400-78851	GM910	11400-65872HS	SB115A1	CG5730
SD105A1	11400-78853	GM910	11400-65873	SD115A1	
SD105A1	11400-78854	GM910	11400-65873HS	SB115A1	CG5730
SD105A1	11400-78855	GM910	11400-73811	SD101A1	GE550

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
SD105A1	11400-78856	GM910	11400-73813	SD101A1	GE550
SD105A1	11400-78857	GM910	11400-73818	SD101A1	GE550
SD105B1	11400-84821	GM911	11400-73819	SD101A1	GE550
SD105B1	11400-84824	GM911	11400-73820	SD101A1	GE550
SD105C1	11400-84883	GM912	11400-73821	SD101A1	GE550
SD106A1	11400-82821	GN480	11400-73822	SD101A1	GE550
SD106A1	11400-82822	GN480	11400-78821	SD102A1	GH740
SD106A1	11400-82823	GN480	11400-78822	SD102A1	GH740
SD106A1	11400-82824	GN480	11400-78823	SD102A1	GH740
SD106A1	11400-82825	GN480	11400-78823HS	SB102A1	DH740
SD106A1	11400-82826	GN480	11400-78824	SD102A1	GH740
SD106B1	11400-83810	GN481	11400-78825	SD102A1	GH740
SD106B1	11400-83811	GN481	11400-78826	SD102A1	GH740
SD106B1	11400-83812	GN481	11400-78827	SD102A1	GH740
SD106B1	11400-83813	GN481	11400-78828	SD102A1	GH740
SD106B1	11400-83814	GN481	11400-78840	SD108A1	GP780
SD106B1	11400-83815	GN481	11400-78841	SD108A1	GP780
SD106B1	11400-83816	GN481	11400-78842	SD108A1	GP780
SD106B1	11400-83817	GN481	11400-78843	SD108A1	GP780
SD106B1	11400-83818	GN481	11400-78844	SD108A1	GP780
SD106B1	11400-83819	GN481	11400-78850	SD105A1	GM910
SD106C1	11400-86822	GN482	11400-78850HS	SB105A1	DM910
SD106D1	11400-61880	GN483	11400-78851	SD105A1	GM910
SD106E1	11400-61850	GN484	11400-78853	SD105A1	GM910
SD106E1	11400-61851	GN484	11400-78854	SD105A1	GM910
SD106E1	11400-61852	GN484	11400-78855	SD105A1	GM910
SD108A1	11400-78840	GP780	11400-78856	SD105A1	GM910
SD108A1	11400-78841	GP780	11400-78857	SD105A1	GM910
SD108A1	11400-78842	GP780	11400-80810	SD103A1	GL390
SD108A1	11400-78843	GP780	11400-80811	SD103A1	GL390
SD108A1	11400-78844	GP780	11400-80812	SD103A1	GL390
SD109A1	11400-60811	GS600	11400-80813	SD103A1	GL390
SD109A1	11400-60821	GS600	11400-80814	SD103A1	GL390
SD110A1	11400-61821	GT900	11400-80815	SD103A1	GL390
SD110A1	11400-61822	GT900	11400-80816	SD103A1	GL390
SD110A1	11400-61823	GT900	11400-80817	SD103A1	GL390
SD110A1	11400-61824	GT900	11400-80818	SD103A1	GL390
SD110A1	11400-61825	GT900	11400-82810	SD104A1	GM740
SD111B1	11400-58810	GV130	11400-82814	SD104A1	GM740
SD111B1	11400-58811	GV130	11400-82821	SD106A1	GN480
SD113A1	11401-77851		11400-82822	SD106A1	GN480
SD115A1	11400-65873		11400-82823	SD106A1	GN480
SD117A1	11400-52820	FG8100	11400-82824	SD106A1	GN480
SD117A1	11400-52821	FG8100	11400-82825	SD106A1	GN480
SD119A1	11401-77864		11400-82826	SD106A1	GN480
SD119B1	11400-65862		11400-83810	SD106B1	GN481
TA101G1	11115-12010	AJ270	11400-83811	SD106B1	GN481
TA101G1	11115-12011	AJ270	11400-83812	SD106B1	GN481
TA101G1	11115-12012	AJ270	11400-83813	SD106B1	GN481
TA101G1	11115-12013	AJ270	11400-83814	SD106B1	GN481

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TA102G1	11115-22010	AJ290	11400-83815	SD106B1	GN481
TA102G1	11115-22020	AJ290	11400-83816	SD106B1	GN481
TA102G1	11115-24010	AJ290	11400-83817	SD106B1	GN481
TA102G1	11115-24011	AJ290	11400-83818	SD106B1	GN481
TA102G1	11115-24012	AJ290	11400-83819	SD106B1	GN481
TA102G1	11115-24013	AJ290	11400-84821	SD105B1	GM911
TA102G1	11115-24015	AJ290	11400-84824	SD105B1	GM911
TA105F1	11115-60030	AJ430	11400-84824HS	SB105B1	DM911
TA105F1	11115-60031	AJ430	11400-84883	SD105C1	GM912
TA105F1	11115-60032	AJ430	11400-85820	SD103B1	GL391
TA108G1	11115-23010	AJ510	11400-86822	SD106C1	GN482
TA108G1	11115-23011	AJ510	11401-77851	SD113A1	
TA108G1	11115-23020	AJ510	11401-77851HS	SB113A1	
TA110G1	11115-31020	AJ910	11401-77864	SD119A1	
TA110G1	11115-31021	AJ910	11401-77864HS	SB119A1	
TA110G1	11115-31022	AJ910	96055143	SA104G1	BM740
TA110G1	11115-31023	AJ910	96055145	SD104A1	GM740
TA113G1	11115-56010	AX420			
TA113G1	11115-56011	AX420			
TA114G1	11115-61010	BC260			
TA114G1	11115-61020	BC260	04111-10030	TD156A1	GN530
TA115G1	11115-26015	BC990	04111-10031	TD156A1	GN530
TA115G1	11115-26023	BC990	04111-11020	TD154A1	GN200
TA115G1	11115-26024	BC990	04111-11021	TD154A1	GN200
TA115G1	11115-26026	BC990	04111-11022	TD154A1	GN200
TA116G1	11115-88220	BD060	04111-11023	TD154A1	GN200
TA117G1	11115-45030	BD760	04111-11024	TD154A1	GN200
TA117G1	11115-45040	BD760	04111-11050	TD154B1	GN201
TA118G1	11115-60033	BD860	04111-11051	TD154B1	GN201
TA119G1	11115-13010	BD950	04111-11070	TD154C1	GN202
TA119G1	11115-13030	BD950	04111-11130	TD181A1	GV330
TA119G1	11115-13031	BD950	04111-12010	TD101A1	FJ270
TA120F1	11115-47014	BE250	04111-12019	TD101C1	FJ272
TA120F1	11115-47014B	BE250	04111-12020	TD101A1	FJ270
TA121F1	11115-77014	BE330	04111-13010	TD119B1	GD951
TA121F1	11115-77015	BE330	04111-13011	TD119B1	GD951
TA122G1	11115-44024	BE350	04111-13020	TD119B1	GD951
TA123G1	11115-48025	BE390	04111-13026	TD119E1	GD955
TA124G1	11115-38010	BE870	04111-13030	TD119E1	GD955
TA124G1	11115-38011	BE870	04111-13031	TD119E1	GD955
TA124G1	11115-38012	BE870	04111-13032	TD119E1	GD955
TA124G1	11115-38013	BE870	04111-13033	TD119E1	GD955
TA125G1	11115-15020	BG670	04111-13040	TD161A1	GR270
TA125G1	11115-15021	BG670	04111-13041	TD161A1	GR270
TA125G1	11115-15030	BG670	04111-13042	TD161A1	GR270
TA125G1	11115-15041	BG670	04111-13090	TD161A1	GR270
TA125G1	11115-15042	BG670	04111-14020	TD126A1	GG690
TA126G1	11115-14010	BG690	04111-14050	TD152A1	GM870
TA126G1	11115-14020	BG690	04111-14051	TD152A1	GM870
TA126G1	11115-14021	BG690	04111-14060	TD152A1	GM870

**Toyota**

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TA126G1	11115-14022	BG690	04111-15010	TD125A1	GG670
TA127G1	11115-54010	BJ500	04111-15030	TD144A1	GL340
TA127G1	11115-54011	BJ500	04111-15031	TD144A1	GL340
TA129G1	11115-35010	BJ660	04111-15040	TD144B1	GL341
TA129G1	11115-35011	BJ660	04111-15041	TD144B1	GL341
TA130G1	11115-87310	BJ740	04111-15070	TD144B1	GL341
TA130G1	11115-58010	BJ740	04111-16010	TD146A1	GL740
TA130G1	11115-58011	BJ740	04111-16011	TD146A1	GL740
TA130G1	11115-58012	BJ740	04111-16020	TD155B1	GN392
TA130G1	11115-58013	BJ740	04111-16021	TD155B1	GN392
TA130G1	11115-58040	BJ740	04111-16022	TD155A1	GN390
TA130G1	11115-58050	BJ740	04111-16023	TD155A1	GN390
TA131G1	11115-47011	BJ830	04111-16024	TD155A1	GN390
TA131G1	11115-47030	BJ830	04111-16070	TD155A1	GN390
TA132G1	11115-47012	BK380	04111-16071	TD155A1	GN390
TA132G1	11115-47013	BK380	04111-16072	TD155A1	GN390
TA133G1	11115-43020	BK430	04111-16073	TD155A1	GN390
TA133G1	11115-43021	BK430	04111-16074	TD155A1	GN390
TA134G1	11115-43030	BK460	04111-16075	TD155A1	GN390
TA135G1	11115-63010	BK670	04111-16076	TD155A1	GN390
TA135G1	11115-63020	BK670	04111-16100	TD155B1	GN392
TA136G1	11115-70010	BK680	04111-16110	TD168A1	GR900
TA136G1	11115-70020	BK680	04111-16111	TD168A1	GR900
TA137F1	11115-88231	BK690	04111-16112	TD168A1	GR900
TA137F1	11115-88270	BK690	04111-16120	TD166A1	GR750
TA138G1	11115-37010	BK700	04111-16121	TD166A1	GR750
TA138G1	11115-37020	BK700	04111-16122	TD166A1	GR750
TA138G1	11115-37021	BK700	04111-16123	TD166A1	GR750
TA139F1	11115-48010	BK910	04111-16130	TD166A1	GR750
TA139F1	11115-48020	BK910	04111-16131	TD166A1	GR750
TA139F1	11115-48021	BK910	04111-16132	TD166A1	GR750
TA139F1	11115-48030	BK910	04111-16140	TD166A1	GR750
TA141G1	11115-68010	BK930	04111-16141	TD166A1	GR750
TA142G1	11115-96601	BK940	04111-16142	TD166A1	GR750
TA143G1	11115-64010	BL300	04111-16143	TD166A1	GR750
TA144G1	11115-15050	BL340	04111-16150	TD166A1	GR750
TA144G1	11115-15060	BL340	04111-16151	TD166A1	GR750
TA144G1	11115-15061	BL340	04111-16152	TD166A1	GR750
TA145G1	11115-74010	BL350	04111-16171	TD166B1	GR751
TA145G1	11115-74020	BL350	04111-16210	TD202A1	FA5930
TA146G1	11115-16020	BL740	04111-20031	TD123C1	GE393
TA146G1	94843783	BL740	04111-20031-71	TD123C1	GE393
TA147G1	11115-71010	BL820	04111-20031-71HS	TB123C1	DE393
TA148G1	11115-56020	BL840	04111-20031HS	TB123C1	DE393
TA148G1	11115-56022	BL840	04111-20040	TD236A1	GZ340
TA149F1	11115-64050	AB5000	04111-21040	TD204A1	FB5750
TA149F1	11115-64070	AB5000	04111-21060	TD204A1	FB5750
TA150G1	11115-54012	BL950	04111-23040	TD208A1	FD5380
TA150G1	11115-54020	BL950	04111-24010	TD102B1	FJ291
TA150G1	11115-54021	BL950	04111-24020	TD102C1	FJ292

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TA151G1	11115-70030	BM480	04111-24021	TD102C1	FJ292
TA151G1	11115-88301	BM480	04111-24024	TD102C1	FJ292
TA152G1	11115-14030	BM870	04111-24026	TD102C1	FJ292
TA152G1	11115-14030B	BM870	04111-24030	TD102C1	FJ292
TA152G1	11115-14031	BM870	04111-24032	TD102C1	FJ292
TA152G1	11115-14031B	BM870	04111-24040	TD102C1	FJ292
TA153G1	11115-35020	BM880	04111-24041	TD102C1	FJ292
TA153G1	11115-35022	BM880	04111-24042	TD102C1	FJ292
TA153G1	11115-35030	BM880	04111-24051	TD102C1	FJ292
TA153G1	11115-35040	BM880	04111-24052	TD102C1	FJ292
TA153G1	11115-35060	BM880	04111-27010	TD116A1	GD060
TA154G1	11115-11010	BN200	04111-27011	TD116A1	GD060
TA154G1	11115-11020	BN200	04111-27030	TD116A1	GD060
TA154G1	11115-11020F	BN200	04111-27031	TD116A1	GD060
TA154G1	11115-11030	BN200	04111-27034	TD116B1	GD061
TA154G1	11115-11060	BN200	04111-27050	TD116B1	GD061
TA155G1	11115-16030	BN390	04111-27051	TD116B1	GD061
TA156G1	11115-10010	BN530	04111-28014	TD115B1	GC994
TA156G1	11115-10020	BN530	04111-28015	TD115B1	GC994
TA156G1	11115-10040	BN530	04111-28016	TD115B1	GC994
TA157G1	11115-71011	BN640	04111-28017	TD115B1	GC994
TA158G1	11115-01030	BP530	04111-28042	TD115B1	GC994
TA158G1	11115-16050	BP530	04111-31030	TD110C1	FJ912
TA159G1	11115-73010	BP650	04111-31031	TD110B1	FJ911
TA160G1	11115-74030	BR250	04111-31032	TD110B1	FJ911
TA161G1	11115-13040	BR270	04111-31033	TD110B1	FJ911
TA162G1	11115-42020	BR300	04111-31034	TD110B1	FJ911
TA162G1	11115-42021	BR300	04111-31035	TD110B1	FJ911
TA162G1	11115-42041	BR300	04111-34037	TD137A1	GK690
TA163G1	11115-88360	BR330	04111-34046	TD137A1	GK690
TA163G1	11115-88361	BR330	04111-34074	TD137A1	GK690
TA163G1	11115-88362	BR330	04111-34075	TD137A1	GK690
TA164F1	11115-68020	BR570	04111-34076	TD137A1	GK690
TA164F1	11115-68040	BR570	04111-35020	TD129A1	GJ660
TA165G1	11115-64060	BR580	04111-35021	TD129A1	GJ660
TA165G1	11115-64080	BR580	04111-35022	TD129B1	GJ661
TA165G1	11115-64100	BR580	04111-35050	TD153B1	GM881
TA166G1	11115-16080	BR750	04111-35060	TD153B1	GM881
TA166G1	11115-16081	BR750	04111-35070	TD153B1	GM881
TA166G1	11115-16082	BR750	04111-35420	TD153D1	GM883
TA166G1	11115-16090	BR750	04111-37031	TD138A1	GK700
TA166G1	11115-16100	BR750	04111-37032	TD138A1	GK700
TA166G1	11115-16100A	BR750	04111-37033	TD138A1	GK700
TA167F1	11115-68030	BR890	04111-37034	TD138A1	GK700
TA167F1	11115-68050	BR890	04111-37035	TD138A1	GK700
TA168G1	11115-16070	BR900	04111-37040	TD138C1	GK702
TA169G1	11115-56050	BR950	04111-37041	TD138C1	GK702
TA169G1	11115-56060	BR950	04111-37050	TD138C1	GK702
TA170G1	11115-88380	BS060	04111-37061	TD138B1	GK701
TA170G1	11115-88381	BS060	04111-37062	TD138B1	GK701

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TA170G1	11115-88382	BS060	04111-37063	TD138B1	GK701
TA171G1	11115-62030	BS290	04111-37064	TD138B1	GK701
TA171G1	11115-62030B	BS290	04111-37065	TD138B1	GK701
TA171G1	11115-62060	BS290	04111-38010	TD124C1	GE872
TA173G1	11115-65020	BS360	04111-38011	TD124C1	GE872
TA173G1	11115-65030	BS360	04111-38012	TD124C1	GE872
TA173G1	11115-65031	BS360	04111-38013	TD124C1	GE872
TA173G1	11115-65031A	BS360	04111-38014	TD124C1	GE872
TA173G1	11115-65033	BS360	04111-38015	TD124C1	GE872
TA175G1	11115-50020	BS400	04111-38031	TD124B1	GE871
TA175G1	11115-50021	BS400	04111-42020	TD162A1	GR300
TA175G1	11115-50021	AG7640	04111-42023	TD162A1	GR300
TA177G1	11115-76030	BS870	04111-42030	TD162B1	GR301
TA178G1	11115-74070	BS970	04111-42031	TD162B1	GR301
TA178G1	11115-74080	BS970	04111-42032	TD162B1	GR301
TA179F1	11115-54030	BT130	04111-42033	TD162B1	GR301
TA180G1	11115-70050	BT630	04111-43010	TD133A1	GK430
TA180G1	11115-70060	BT630	04111-43011	TD133A1	GK430
TA181G1	11115-11070	BV330	04111-43020	TD133A1	GK430
TA181G1	11115-11071	BV330	04111-43021	TD133A1	GK430
TA181G1	11115-11080	BV330	04111-43030	TD134A1	GK461
TA182M1	11115-16120	BV360	04111-43031	TD134A1	GK461
TA183G1	11115-16130	BV370	04111-43032	TD134A1	GK461
TA183G1	11115-16130	AD5360	04111-43040	TD134A1	GK461
TA183G1	11115-16150	BV370	04111-43050	TD134A1	GK461
TA184M1	11115-58070	BV620	04111-43051	TD134A1	GK461
TA184M1	11115-58090	BV620	04111-43070	TD134A1	GK461
TA184M1	11115-58100	BV620	04111-43071	TD134A1	GK461
TA186G1	11115-74060	BW460	04111-43072	TD134A1	GK461
TA187G1	11115-75010	BW560	04111-43080	TD134A1	GK461
TA188M1	11115-54080-D0	BW800	04111-44035	TD122B1	GE351
TA188M1	11115-54081-D0	BW800	04111-45050	TD117C1	GD762
TA188M1	11115-54082-D0	BW800	04111-45060	TD117D1	GD763
TA188M1	11115-54083-D0	BW800	04111-46040	TD221A1	
TA188M1	11115-54084-F0	BW800	04111-46041	TD221A1	
TA189M1	11115-54070	BW950	04111-46044	TD221A1	
TA189M1	11115-54071	BW950	04111-46056	TD222A1	
TA189M1	11115-54072	BW950	04111-46102	TD209A1	
TA189M1	11115-54073	BW950	04111-47011	TD131A1	GJ830
TA190M1	11115-64110	BX010	04111-47012	TD132A1	GK380
TA191M1	11115-64122-01	BX020	04111-47013	TD132A1	GK380
TA191M1	11115-64122-02	BX020	04111-47014	TD120A1	GE250
TA191M1	11115-64122-03	BX020	04111-48011	TD123B1	GE392
TA192G1	11115-75020	BX060	04111-48012	TD123B1	GE392
TA197G1	11115-75030	BZ170	04111-48013	TD123B1	GE392
TA197G1	11115-75031	BZ170	04111-48014	TD123B1	GE392
TA198M1	11115-54120	AY800	04111-48015	TD123B1	GE392
TA198M1	11115-54121	AY800	04111-48016	TD123B1	GE392
TA198M1	11115-54121-F0	AY800	04111-48020	TD139A1	GK910
TA201F1	11115-15073	AA5700	04111-50020	TD175A1	GS400

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TA202G1	11115-16110	AA5930	04111-50030	TD175A1	GS400
TA203G1	11115-06010	AB5500	04111-50040	TD175A1	GS400
TA203G1	11115-06020	AB5500	04111-50112	TD219A1	FF5030
TA203G1	11115-13060	AB5500	04111-54010	TD127A1	GJ501
TA204M1	11115-21030	AB5750	04111-54011	TD127A1	GJ501
TA204M1	11115-21050	AB5750	04111-54012	TD127A1	GJ501
TA205M1	11115-28021	AB5940	04111-54013	TD127A1	GJ501
TA205M1	11115-28022	AF5780	04111-54014	TD127A1	GJ501
TA205M1	11115-28022	AB5940	04111-54015	TD127A1	GJ501
TA206M1	11115-28012	AE5380	04111-54020	TD127A1	GJ501
TA207M1	11115-74120	AE5410	04111-54021	TD127A1	GJ501
TA208M1	11115-23030	AD5380	04111-54022	TD127A1	GJ501
TA208M1	11115-23030	AE5590	04111-54023	TD127A1	GJ501
TA208M1	11115-23090	AD5590	04111-54025	TD127A1	GJ501
TA208M1	11115-23090	AD5380	04111-54040	TD150B1	GL951
TA209M1	11115-46045	AG5100	04111-54041	TD150B1	GL951
TA210M1	11115-20032		04111-54042	TD150B1	GL951
TA212M1	11115-31060		04111-54043	TD150B1	GL951
TA215G1	11115-66020	AY950	04111-54050	TD150A1	GL950
TA215G1	11115-66030	AY950	04111-54051	TD150A1	GL950
TA215G1	11115-66030	AF5790	04111-54052	TD150A1	GL950
TA216M1	11115-67040-01	AA5100	04111-54053	TD150A1	GL950
TA219M1	11115-50042	AF5030	04111-54070	TD179A1	GT130
TA221M1	11115-46040		04111-54080	TD188B1	GW801
TA221M1	11115-46041		04111-54081	TD188B1	GW801
TA221M1	11115-46042		04111-54082	TD188B1	GW801
TA222M1	11115-46052	AF5850	04111-54083	TD188B1	GW801
TA223M1	11115-64130	AA5270	04111-54090	TD189A1	GW950
TA223M1	11115-64131	AA5270	04111-54091	TD189A1	GW950
TA224M1	11115-74110	AD5430	04111-54092	TD189A1	GW950
TA224M1	11115-74110	AD5330	04111-54093	TD189A1	GW950
TA225M1	11115-64140	AD5350	04111-54093HS	TB189A1	DW950
TA228M1	11115-20180-71		04111-54103	TD188A1	GW800
TA229F1	11115-68011		04111-54220	TD198A1	FY800
TA230M1	11115-78204-71		04111-56010	TD113A1	FX420
TA231F1	11115-78300-71		04111-56011	TD113A1	FX420
TA232F1	11115-78330-71		04111-56012	TD113B1	FX421
TA233G1	11115-78701-71		04111-56013	TD113B1	FX421
TA234F1	11115-78780-71		04111-56014	TD113B1	FX421
TA235F1	11115-48022A1	BJ540N	04111-56015	TD113B1	FX421
TA236G1	11115-20010	BZ340	04111-56016	TD113B1	FX421
TA238M1	11115-0A012	AF5000	04111-56020	TD113B1	FX421
TA238M1	11115-20050	AF5000	04111-56021	TD113B1	FX421
TA241M1	11115-64141-02	AG7650	04111-56022	TD113B1	FX421
TA243M1	11115-67050-01		04111-56030	TD148A1	GL840
TB101A1	04112-12010	CJ270	04111-56031	TD148A1	GL840
TB101B1	04112-12011	CJ271	04111-56032	TD148A1	GL840
TB101B1	04112-12012	CJ271	04111-56040	TD169A1	GR950
TB101B1	04112-12013	CJ271	04111-56041	TD169A1	GR950
TB101B1	04112-12014	CJ271	04111-56042	TD169A1	GR950

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TB101B1	04112-12020	CJ271	04111-56043	TD169A1	GR950
TB102B1	04112-24010	CJ291	04111-56050	TD169B1	GR951
TB102B1	04112-24012	CJ291	04111-56051	TD169B1	GR951
TB102C1	04112-24020	CJ292	04111-56060	TD184A1	GV620
TB102C1	04112-24021	CJ292	04111-58010	TD130A1	GJ740
TB102C1	04112-24026	CJ292	04111-58011	TD130A1	GJ740
TB102C1	04112-24030	CJ292	04111-58012	TD130A1	GJ740
TB102C1	04112-24040	CJ292	04111-58013	TD130A1	GJ740
TB102C1	04112-24041	CJ292	04111-58014	TD130A1	GJ740
TB102C1	04112-24046	CJ292	04111-58015	TD130A1	GJ740
TB105A1	04112-60080	CJ431	04111-58020	TD130B1	GJ741
TB105A1	04112-60082	CJ431	04111-58050	TD130C1	GJ742
TB108A1	04112-23030	CJ511	04111-58070	TD184B1	
TB110B1	04112-21033	CJ911	04111-58071	TD184B1	
TB110B1	04112-31031	CJ911	04111-58120	TD184B1	
TB110B1	04112-31032	CJ911	04111-58160	TD184B1	
TB110B1	04112-31033	CJ911	04111-60080	TD105A1	FJ431
TB110B1	04112-31034	CJ911	04111-60081	TD105A1	FJ431
TB110B1	04112-31042	CJ911	04111-60082	TD118A1	GD860
TB110C1	04112-31030	CJ912	04111-60090	TD105A1	FJ431
TB113A1	04112-56010	CX420	04111-61010	TD114A1	GC260
TB113A1	04112-56011	CX420	04111-61011	TD114A1	GC260
TB113B1	04112-56012	CX421	04111-61020	TD114A1	GC260
TB113B1	04112-56013	CX421	04111-61040	TD114C1	GC264
TB113B1	04112-56014	CX421	04111-61041	TD114C1	GC264
TB113B1	04112-56015	CX421	04111-61050	TD114D1	GC265
TB114A1	04112-61010	DC260	04111-61051	TD114D1	GC265
TB114A1	04112-61011	DC260	04111-61052	TD114D1	GC265
TB114C1	04112-61040	DC264	04111-61053	TD114D1	GC265
TB114C1	04112-61041	DC264	04111-61054	TD114D1	GC265
TB114D1	04112-61050	DC265	04111-61055	TD114D1	GC265
TB114D1	04112-61053	DC265	04111-61056	TD114D1	GC265
TB114E1	04112-61060	DC266	04111-61057	TD114D1	GC265
TB114E1	04112-61070	DC266	04111-61060	TD114E1	GC266
TB114E1	04112-61080	DC266	04111-61070	TD114E1	GC266
TB115B1	04112-28014	DC994	04111-61080	TD114E1	GC266
TB115B1	04112-28015	DC994	04111-61090	TD114E1	GC266
TB115B1	04112-28016	DC994	04111-62020	TD171A1	GS290
TB116A1	04112-27010	DD060	04111-62021	TD171A1	GS290
TB116A1	04112-27011	DD060	04111-62050	TD171B1	GS292
TB116A1	04112-27030	DD060	04111-63010	TD135A1	GK670
TB116A1	04112-27031	DD060	04111-63011	TD135A1	GK670
TB116B1	04112-27032	DD061	04111-63012	TD135A1	GK670
TB116B1	04112-27033	DD061	04111-63013	TD135A1	GK670
TB117D1	04112-45040	DD763	04111-63014	TD135A1	GK670
TB117D1	04112-45041	DD763	04111-63020	TD135B1	GK671
TB117D1	04112-45050	DD763	04111-63021	TD135B1	GK671
TB118A1	04112-60081	DD860	04111-63022	TD135B1	GK671
TB119B1	04112-13010	DD951	04111-63023	TD135B1	GK671
TB119B1	04112-13011	DD951	04111-64010	TD143A1	GL300



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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TB119E1	04112-13012	DD955	04111-64011	TD143A1	GL300
TB120A1	04112-47014	DE250	04111-64012	TD143A1	GL300
TB121A1	04112-77020	DE330	04111-64040	TD149A2	FB5000
TB121A1	04112-77021	DE330	04111-64041	TD149A2	FB5000
TB121A1	04112-77022	DE330	04111-64042	TD149A2	FB5000
TB122B1	04112-44023	DE351	04111-64043	TD149A2	FB5000
TB123B1	04112-48011	DE392	04111-64044	TD149A2	FB5000
TB123B1	04112-48012	DE392	04111-64050	TD165B1	GR581
TB123B1	04112-48013	DE392	04111-64051	TD165B1	GR581
TB123B1	04112-48014	DE392	04111-64052	TD165B1	GR581
TB123B1	04112-96110	DE392	04111-64053	TD165B1	GR581
TB123B1	04112-96111	DE392	04111-64061	TD149A2	FB5000
TB123B1	04112-96112	DE392	04111-64070	TD165B1	GR581
TB123C1	04111-20031-71HS	DE393	04111-64071	TD165B1	GR581
TB123C1	04111-20031HS	DE393	04111-64072	TD165B1	GR581
TB124B1	04112-38031	DE871	04111-64073	TD165B1	GR581
TB124C1	04112-38010	DE872	04111-64074	TD165B1	GR581
TB124C1	04112-38011	DE872	04111-64075	TD165B1	GR581
TB124C1	04112-38012	DE872	04111-64090	TD165A1	GR580
TB124C1	04112-38013	DE872	04111-64100	TD165A1	GR580
TB124C1	04112-38014	DE872	04111-64101	TD165A1	GR580
TB125A1	04112-15010	DG670	04111-64106	TD191A1	GX020
TB126A1	04112-14020	DG690	04111-64111	TD190A1	GX010
TB127A1	04112-54010	DJ501	04111-64240	TD223B1	
TB127A1	04112-54011	DJ501	04111-64250	TD223A1	
TB127A1	04112-54013	DJ501	04111-65010	TD173A1	GS360
TB127A1	04112-54014	DJ501	04111-65011	TD173A1	GS360
TB129A1	04112-35010	DJ660	04111-65012	TD173A1	GS360
TB129A1	04112-35011	DJ660	04111-65013	TD173A1	GS360
TB129B1	04112-35012	DJ661	04111-65016	TD173A1	GS360
TB130A1	04112-58010	DJ740	04111-66030	TD215A1	FY950
TB130A1	04112-58011	DJ740	04111-66030	TD215A1	FF5790
TB130A1	04112-58012	DJ740	04111-67040	TD216A1	FA5100
TB130A1	04112-58013	DJ740	04111-67040A2	TD218A1	
TB130B1	04112-58020	DJ741	04111-68010	TD141A1	GK930
TB130C1	04112-58040	DJ742	04111-68011	TD141A1	GK930
TB131A1	04112-47011	DJ830	04111-68012	TD141A1	GK930
TB132A1	04112-47012	DK380	04111-68013	TD141A1	GK930
TB132A1	04112-47013	DK380	04111-68020	TD164A1	GR570
TB133A1	04112-43010	DK430	04111-68021	TD164A1	GR570
TB133A1	04112-43011	DK430	04111-68022	TD164A1	GR570
TB133A1	04112-43012	DK430	04111-68030	TD167A1	GR890
TB133A1	04112-43013	DK430	04111-70010	TD136A1	GK680
TB133A1	04112-43020	DK430	04111-70011	TD136A1	GK680
TB133A1	04112-43021	DK430	04111-70012	TD136A1	GK680
TB133A1	04112-43022	DK430	04111-70013	TD136A1	GK680
TB134A1	04112-43030	DK461	04111-70014	TD136A1	GK680
TB134A1	04112-43031	DK461	04111-70015	TD136A1	GK680
TB134A1	04112-43040	DK461	04111-70020	TD151A1	GM480
TB134A1	04112-43041	DK461	04111-70050	TD151A1	GM480

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TB134A1	04112-43042	DK461	04111-70061	TD180A1	GT630
TB134A1	04112-43050	DK461	04111-72010	TD147A1	GL820
TB134A1	04112-43051	DK461	04111-72011	TD147A1	GL820
TB135A1	04112-63010	DK670	04111-72012	TD147A1	GL820
TB135A1	04112-63020	DK670	04111-72013	TD147A1	GL820
TB136A1	04112-70010	DK680	04111-73010	TD147A1	GL820
TB136A1	04112-70011	DK680	04111-73011	TD157A1	GN640
TB136A1	04112-70012	DK680	04111-73012	TD157A1	GN640
TB136A1	04112-70013	DK680	04111-73020	TD157A1	GN640
TB136A1	04112-70014	DK680	04111-73021	TD157A1	GN640
TB136A1	04112-70015	DK680	04111-73022	TD157A1	GN640
TB137A1	04112-34035	DK690	04111-73023	TD157A1	GN640
TB137A1	04112-34036	DK690	04111-73024	TD157A1	GN640
TB137A1	04112-34037	DK690	04111-73040	TD159A1	GP650
TB138A1	04112-37031	DK700	04111-73041	TD159A1	GP650
TB138B1	04112-37061	DK701	04111-73042	TD159A1	GP650
TB138C1	04112-37040	DK702	04111-73043	TD159A1	GP650
TB138C1	04112-37041	DK702	04111-73044	TD159A1	GP650
TB138C1	04112-37050	DK702	04111-74010	TD145A1	GL350
TB139A1	04112-48020	DK910	04111-74011	TD145A1	GL350
TB141A1	04112-68010	DK930	04111-74020	TD145A1	GL350
TB142A1	04112-96601	DK940	04111-74021	TD145A1	GL350
TB143A1	04112-64010	DL300	04111-74030	TD163B1	GR332
TB143A1	04112-64011	DL300	04111-74031	TD163B1	GR332
TB144A1	04112-15030	DL340	04111-74032	TD163B1	GR332
TB144B1	04112-15070	DL341	04111-74033	TD163B1	GR332
TB144B1	04112-15071	DL341	04111-74040	TD163A1	GR330
TB145A1	04112-74010	DL350	04111-74041	TD163A1	GR330
TB145A1	04112-74011	DL350	04111-74042	TD163A1	GR330
TB145A1	04112-74012	DL350	04111-74050	TD160A1	GR250
TB145A1	04112-74013	DL350	04111-74051	TD160A1	GR250
TB146A1	04112-16010	DL740	04111-74052	TD160A1	GR250
TB147A1	04112-72010	DL820	04111-74060	TD170A1	GS060
TB147A1	04112-72011	DL820	04111-74061	TD170A1	GS060
TB147A1	04112-72012	DL820	04111-74062	TD170A1	GS060
TB147A1	04112-72013	DL820	04111-74180	TD186A1	GW460
TB147A1	04112-73010	DL820	04111-74181	TD186A1	GW460
TB148A1	04112-56020	DL840	04111-74210	TD178A1	GS970
TB148A1	04112-56021	DL840	04111-74240	TD170B1	GS061
TB148A1	04112-56022	DL840	04111-74300	TD178C1	GS972
TB148A1	04112-56031	DL840	04111-74590	TD224A1	FD5430
TB149A2	04112-64040	CB5000	04111-74592	TD224A1	FD5430
TB149A2	04112-64041	CB5000	04111-74592	TD224A1	FD5330
TB149A2	04112-64042	CB5000	04111-75010	TD187A1	GW560
TB149A2	04112-64043	CB5000	04111-75011	TD187A1	GW560
TB149A2	04112-64063	CB5000	04111-75030	TD192A1	GX060
TB149A2	04112-64064	CB5000	04111-76070	TD177A1	GS870
TB150A1	04112-54040	DL950	04111-76071	TD177A1	GS870
TB150A1	04112-54041	DL950	04111-76080	TD177A1	GS870
TB150A1	04112-54042	DL950	04111-77020	TD121A1	GE330

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TB150A1	04112-54043	DL950	04111-77021	TD121A1	GE330
TB150B1	04112-54030	DL951	04111-77022	TD121A1	GE330
TB150B1	04112-54031	DL951	04111-96001	TD108A1	FJ511
TB150B1	04112-54032	DL951	04111-96110	TD123B1	GE392
TB151A1	04112-70020	DM480	04111-96111	TD123B1	GE392
TB151A1	04112-70050	DM480	04111-96112	TD123B1	GE392
TB152A1	04112-14050	DM870	04111-96601	TD142A1	GK940
TB152A1	04112-14051	DM870	04112-10020	TB156A1	DN530
TB152A1	04112-14060	DM870	04112-10021	TB156A1	DN530
TB153B1	04112-35040	DM881	04112-11010	TB154A1	DN200
TB153B1	04112-35050	DM881	04112-11011	TB154A1	DN200
TB153B1	04112-35060	DM881	04112-11012	TB154C1	DN202
TB153D1	04112-35420	DM883	04112-11020	TB154A1	DN200
TB154A1	04112-11010	DN200	04112-11040	TB154B1	DN201
TB154A1	04112-11011	DN200	04112-11041	TB154B1	DN201
TB154A1	04112-11020	DN200	04112-11060	TB154C1	DN202
TB154B1	04112-11040	DN201	04112-11062	TB154C1	DN202
TB154B1	04112-11041	DN201	04112-11080	TB181C1	DV332
TB154C1	04112-11012	DN202	04112-11100	TB181A1	DV330
TB154C1	04112-11060	DN202	04112-12010	TB101A1	CJ270
TB154C1	04112-11062	DN202	04112-12011	TB101B1	CJ271
TB155A1	04112-16022	DN390	04112-12012	TB101B1	CJ271
TB155A1	04112-16023	DN390	04112-12013	TB101B1	CJ271
TB155A1	04112-16024	DN390	04112-12014	TB101B1	CJ271
TB155A1	04112-16025	DN390	04112-12020	TB101B1	CJ271
TB155A1	04112-16070	DN390	04112-13010	TB119B1	DD951
TB155A1	04112-16071	DN390	04112-13011	TB119B1	DD951
TB155A1	04112-16072	DN390	04112-13012	TB119E1	DD955
TB155B1	04112-16020	DN392	04112-13020	TB161A1	DR270
TB155B1	04112-16021	DN392	04112-14020	TB126A1	DG690
TB155B1	04112-16100	DN392	04112-14050	TB152A1	DM870
TB156A1	04112-10020	DN530	04112-14051	TB152A1	DM870
TB156A1	04112-10021	DN530	04112-14060	TB152A1	DM870
TB157A1	04112-73011	DN640	04112-15010	TB125A1	DG670
TB157A1	04112-73020	DN640	04112-15030	TB144A1	DL340
TB157A1	04112-73021	DN640	04112-15070	TB144B1	DL341
TB158A1	04112-16090	DP530	04112-15071	TB144B1	DL341
TB158A1	04112-16091	DP530	04112-15110	TB201A1	CA5700
TB159A1	04112-73040	DP650	04112-16010	TB146A1	DL740
TB159A1	04112-73041	DP650	04112-16020	TB155B1	DN392
TB160A1	04112-74050	DR250	04112-16021	TB155B1	DN392
TB161A1	04112-13020	DR270	04112-16022	TB155A1	DN390
TB162A1	04112-42020	DR300	04112-16023	TB155A1	DN390
TB162A1	04112-42021	DR300	04112-16024	TB155A1	DN390
TB162A1	04112-42022	DR300	04112-16025	TB155A1	DN390
TB162A1	04112-42023	DR300	04112-16070	TB155A1	DN390
TB162B1	04112-42030	DR301	04112-16071	TB155A1	DN390
TB162B1	04112-42031	DR301	04112-16072	TB155A1	DN390
TB162B1	04112-42032	DR301	04112-16090	TB158A1	DP530
TB162B1	04112-42033	DR301	04112-16091	TB158A1	DP530

## Interchange

Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TB163A1	04112-74040	DR330	04112-16100	TB155B1	DN392
TB163A1	04112-74041	DR330	04112-16110	TB168A1	DR900
TB163B1	04112-74030	DR332	04112-16111	TB168A1	DR900
TB163B1	04112-74031	DR332	04112-16120	TB166A1	DR750
TB163B1	04112-74032	DR332	04112-16121	TB166A1	DR750
TB164A1	04112-68020	DR570	04112-16122	TB166A1	DR750
TB165A1	04112-64080	DR580	04112-16123	TB166A1	DR750
TB165A1	04112-64081	DR580	04112-16130	TB166A1	DR750
TB165A1	04112-64082	DR580	04112-16131	TB166A1	DR750
TB165A1	04112-64103	DR580	04112-16132	TB166A1	DR750
TB165B1	04112-64050	DR581	04112-16140	TB166A1	DR750
TB165B1	04112-64051	DR581	04112-16141	TB166A1	DR750
TB165B1	04112-64070	DR581	04112-16142	TB166A1	DR750
TB165B1	04112-64071	DR581	04112-16143	TB166A1	DR750
TB165B1	04112-64074	DR581	04112-16144	TB166A1	DR750
TB166A1	04112-16120	DR750	04112-16150	TB166A1	DR750
TB166A1	04112-16121	DR750	04112-16151	TB166A1	DR750
TB166A1	04112-16122	DR750	04112-16152	TB166A1	DR750
TB166A1	04112-16123	DR750	04112-16153	TB166A1	DR750
TB166A1	04112-16130	DR750	04112-16171	TB166B1	DR751
TB166A1	04112-16131	DR750	04112-16210	TB202A1	CA5930
TB166A1	04112-16132	DR750	04112-16260	TB183A1	DV370
TB166A1	04112-16140	DR750	04112-16270	TB182A1	DV360
TB166A1	04112-16141	DR750	04112-16280	TB182A1	DV360
TB166A1	04112-16142	DR750	04112-20030	TB236A1	DZ340
TB166A1	04112-16143	DR750	04112-21033	TB110B1	CJ911
TB166A1	04112-16144	DR750	04112-21040	TB204A1	CB5750
TB166A1	04112-16150	DR750	04112-21060	TB204A1	CB5750
TB166A1	04112-16151	DR750	04112-23030	TB108A1	CJ511
TB166A1	04112-16152	DR750	04112-23040	TB208A1	CD5380
TB166A1	04112-16153	DR750	04112-24010	TB102B1	CJ291
TB166B1	04112-16171	DR751	04112-24012	TB102B1	CJ291
TB167A1	04112-68030	DR890	04112-24020	TB102C1	CJ292
TB168A1	04112-16110	DR900	04112-24021	TB102C1	CJ292
TB168A1	04112-16111	DR900	04112-24026	TB102C1	CJ292
TB169A1	04112-56030	DR950	04112-24030	TB102C1	CJ292
TB169B1	04112-56040	DR951	04112-24040	TB102C1	CJ292
TB170A1	04112-74060	DS060	04112-24041	TB102C1	CJ292
TB170A1	04112-74061	DS060	04112-24046	TB102C1	CJ292
TB170A1	04112-74063	DS060	04112-27010	TB116A1	DD060
TB170B1	04112-74240	DS061	04112-27011	TB116A1	DD060
TB171A1	04112-62020	DS290	04112-27030	TB116A1	DD060
TB171B1	04112-62040	DS292	04112-27031	TB116A1	DD060
TB173A1	04112-65010	DS360	04112-27032	TB116B1	DD061
TB173A1	04112-65011	DS360	04112-27033	TB116B1	DD061
TB173A1	04112-65012	DS360	04112-28014	TB115B1	DC994
TB173A1	04112-65013	DS360	04112-28015	TB115B1	DC994
TB175A1	04112-50020	DS400	04112-28016	TB115B1	DC994
TB175A1	04112-50030	DS400	04112-31030	TB110C1	CJ912
TB175A1	04112-50040	DS400	04112-31031	TB110B1	CJ911

## Interchange

Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TB177A1	04112-76070	DS870	04112-31032	TB110B1	CJ911
TB178A1	04112-74210	DS970	04112-31033	TB110B1	CJ911
TB178C1	04112-74290	DS972	04112-31034	TB110B1	CJ911
TB179A1	04112-54060	DT130	04112-31042	TB110B1	CJ911
TB180A1	04112-70061	DT630	04112-34035	TB137A1	DK690
TB181A1	04112-11100	DV330	04112-34036	TB137A1	DK690
TB181C1	04112-11080	DV332	04112-34037	TB137A1	DK690
TB182A1	04112-16270	DV360	04112-35010	TB129A1	DJ660
TB182A1	04112-16280	DV360	04112-35011	TB129A1	DJ660
TB182A1	94854152	DV360	04112-35012	TB129B1	DJ661
TB183A1	04112-16260	DV370	04112-35040	TB153B1	DM881
TB184A1	04112-56050	DV620	04112-35050	TB153B1	DM881
TB184B1	04112-58060		04112-35060	TB153B1	DM881
TB186A1	04112-74180	DW460	04112-35420	TB153D1	DM883
TB186A1	04112-74181	DW460	04112-37031	TB138A1	DK700
TB187A1	04112-75010	DW560	04112-37040	TB138C1	DK702
TB188B1	04112-54070	DW801	04112-37041	TB138C1	DK702
TB188B1	04112-54071	DW801	04112-37050	TB138C1	DK702
TB188B1	04112-54101	DW801	04112-37061	TB138B1	DK701
TB189A1	04111-54093HS	DW950	04112-38010	TB124C1	DE872
TB190A1	04112-64061	DX010	04112-38011	TB124C1	DE872
TB190A1	04112-64111	DX010	04112-38012	TB124C1	DE872
TB191A1	04112-64086	DX020	04112-38013	TB124C1	DE872
TB192A1	04112-75030	DX060	04112-38014	TB124C1	DE872
TB198A1	04112-54150	CY800	04112-38031	TB124B1	DE871
TB201A1	04112-15110	CA5700	04112-42020	TB162A1	DR300
TB202A1	04112-16210	CA5930	04112-42021	TB162A1	DR300
TB204A1	04112-21040	CB5750	04112-42022	TB162A1	DR300
TB204A1	04112-21060	CB5750	04112-42023	TB162A1	DR300
TB208A1	04112-23040	CD5380	04112-42030	TB162B1	DR301
TB209A1	04112-46102		04112-42031	TB162B1	DR301
TB215A1	04112-66030	CF5792	04112-42032	TB162B1	DR301
TB215A1	04112-66030	CY950	04112-42033	TB162B1	DR301
TB216A1	04112-67040	CA5100	04112-43010	TB133A1	DK430
TB218A1	04112-67040A2		04112-43011	TB133A1	DK430
TB219A1	04112-50112	CF5030	04112-43012	TB133A1	DK430
TB221A1	04112-46040	CF5850	04112-43013	TB133A1	DK430
TB221A1	04112-46041	CF5850	04112-43020	TB133A1	DK430
TB221A1	04112-46044	CF5850	04112-43021	TB133A1	DK430
TB222A1	04112-46056		04112-43022	TB133A1	DK430
TB223A1	04112-64190	CA5270	04112-43030	TB134A1	DK461
TB223B1	04112-64180	CA5271	04112-43031	TB134A1	DK461
TB224A1	04112-74562	CD5330	04112-43040	TB134A1	DK461
TB236A1	04112-20030	DZ340	04112-43041	TB134A1	DK461
TD101A1	04111-12010	FJ270	04112-43042	TB134A1	DK461
TD101A1	04111-12020	FJ270	04112-43050	TB134A1	DK461
TD101C1	04111-12019	FJ272	04112-43051	TB134A1	DK461
TD102B1	04111-24010	FJ291	04112-44023	TB122B1	DE351
TD102C1	04111-24020	FJ292	04112-45040	TB117D1	DD763
TD102C1	04111-24021	FJ292	04112-45041	TB117D1	DD763

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TD102C1	04111-24024	FJ292	04112-45050	TB117D1	DD763
TD102C1	04111-24026	FJ292	04112-46040	TB221A1	CF5850
TD102C1	04111-24030	FJ292	04112-46041	TB221A1	CF5850
TD102C1	04111-24032	FJ292	04112-46044	TB221A1	CF5850
TD102C1	04111-24040	FJ292	04112-46056	TB222A1	
TD102C1	04111-24041	FJ292	04112-46102	TB209A1	
TD102C1	04111-24042	FJ292	04112-47011	TB131A1	DJ830
TD102C1	04111-24051	FJ292	04112-47012	TB132A1	DK380
TD102C1	04111-24052	FJ292	04112-47013	TB132A1	DK380
TD105A1	04111-60080	FJ431	04112-47014	TB120A1	DE250
TD105A1	04111-60081	FJ431	04112-48011	TB123B1	DE392
TD105A1	04111-60090	FJ431	04112-48012	TB123B1	DE392
TD108A1	04111-96001	FJ511	04112-48013	TB123B1	DE392
TD110B1	04111-31031	FJ911	04112-48014	TB123B1	DE392
TD110B1	04111-31032	FJ911	04112-48020	TB139A1	DK910
TD110B1	04111-31033	FJ911	04112-50020	TB175A1	DS400
TD110B1	04111-31034	FJ911	04112-50030	TB175A1	DS400
TD110B1	04111-31035	FJ911	04112-50040	TB175A1	DS400
TD110C1	04111-31030	FJ912	04112-50112	TB219A1	CF5030
TD113A1	04111-56010	FX420	04112-54010	TB127A1	DJ501
TD113A1	04111-56011	FX420	04112-54011	TB127A1	DJ501
TD113B1	04111-87380	FX421	04112-54013	TB127A1	DJ501
TD113B1	04111-56012	FX421	04112-54014	TB127A1	DJ501
TD113B1	04111-56013	FX421	04112-54030	TB150B1	DL951
TD113B1	04111-56014	FX421	04112-54031	TB150B1	DL951
TD113B1	04111-56015	FX421	04112-54032	TB150B1	DL951
TD113B1	04111-56016	FX421	04112-54040	TB150A1	DL950
TD113B1	04111-56020	FX421	04112-54041	TB150A1	DL950
TD113B1	04111-56021	FX421	04112-54042	TB150A1	DL950
TD113B1	04111-56022	FX421	04112-54043	TB150A1	DL950
TD114A1	04111-61010	GC260	04112-54060	TB179A1	DT130
TD114A1	04111-61011	GC260	04112-54070	TB188B1	DW801
TD114A1	04111-61020	GC260	04112-54071	TB188B1	DW801
TD114C1	04111-61040	GC264	04112-54101	TB188B1	DW801
TD114C1	04111-61041	GC264	04112-54150	TB198A1	CY800
TD114D1	04111-61050	GC265	04112-56010	TB113A1	CX420
TD114D1	04111-61051	GC265	04112-56011	TB113A1	CX420
TD114D1	04111-61052	GC265	04112-56012	TB113B1	CX421
TD114D1	04111-61053	GC265	04112-56013	TB113B1	CX421
TD114D1	04111-61054	GC265	04112-56014	TB113B1	CX421
TD114D1	04111-61055	GC265	04112-56015	TB113B1	CX421
TD114D1	04111-61056	GC265	04112-56020	TB148A1	DL840
TD114D1	04111-61057	GC265	04112-56021	TB148A1	DL840
TD114E1	04111-61060	GC266	04112-56022	TB148A1	DL840
TD114E1	04111-61070	GC266	04112-56030	TB169A1	DR950
TD114E1	04111-61080	GC266	04112-56031	TB148A1	DL840
TD114E1	04111-61090	GC266	04112-56040	TB169B1	DR951
TD115B1	04111-28014	GC994	04112-56050	TB184A1	DV620
TD115B1	04111-28015	GC994	04112-58010	TB130A1	DJ740
TD115B1	04111-28016	GC994	04112-58011	TB130A1	DJ740

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TD115B1	04111-28017	GC994	04112-58012	TB130A1	DJ740
TD115B1	04111-28042	GC994	04112-58013	TB130A1	DJ740
TD116A1	04111-27010	GD060	04112-58020	TB130B1	DJ741
TD116A1	04111-27011	GD060	04112-58040	TB130C1	DJ742
TD116A1	04111-27030	GD060	04112-58060	TB184B1	
TD116A1	04111-27031	GD060	04112-60080	TB105A1	CJ431
TD116B1	04111-27034	GD061	04112-60081	TB118A1	DD860
TD116B1	04111-27050	GD061	04112-60082	TB105A1	CJ431
TD116B1	04111-27051	GD061	04112-61010	TB114A1	DC260
TD117C1	04111-45050	GD762	04112-61011	TB114A1	DC260
TD117D1	04111-45060	GD763	04112-61040	TB114C1	DC264
TD118A1	04111-60082	GD860	04112-61041	TB114C1	DC264
TD119B1	04111-13010	GD951	04112-61050	TB114D1	DC265
TD119B1	04111-13011	GD951	04112-61053	TB114D1	DC265
TD119B1	04111-13020	GD951	04112-61060	TB114E1	DC266
TD119E1	04111-13026	GD955	04112-61070	TB114E1	DC266
TD119E1	04111-13030	GD955	04112-61080	TB114E1	DC266
TD119E1	04111-13031	GD955	04112-62020	TB171A1	DS290
TD119E1	04111-13032	GD955	04112-62040	TB171B1	DS292
TD119E1	04111-13033	GD955	04112-63010	TB135A1	DK670
TD120A1	04111-47014	GE250	04112-63020	TB135A1	DK670
TD121A1	04111-77020	GE330	04112-64010	TB143A1	DL300
TD121A1	04111-77021	GE330	04112-64011	TB143A1	DL300
TD121A1	04111-77022	GE330	04112-64040	TB149A2	CB5000
TD122B1	04111-44035	GE351	04112-64041	TB149A2	CB5000
TD123B1	04111-48011	GE392	04112-64042	TB149A2	CB5000
TD123B1	04111-48012	GE392	04112-64043	TB149A2	CB5000
TD123B1	04111-48013	GE392	04112-64050	TB165B1	DR581
TD123B1	04111-48014	GE392	04112-64051	TB165B1	DR581
TD123B1	04111-48015	GE392	04112-64061	TB190A1	DX010
TD123B1	04111-48016	GE392	04112-64063	TB149A2	CB5000
TD123B1	04111-96110	GE392	04112-64064	TB149A2	CB5000
TD123B1	04111-96111	GE392	04112-64070	TB165B1	DR581
TD123B1	04111-96112	GE392	04112-64071	TB165B1	DR581
TD123C1	04111-20031	GE393	04112-64074	TB165B1	DR581
TD123C1	04111-20031-71	GE393	04112-64080	TB165A1	DR580
TD124B1	04111-38031	GE871	04112-64081	TB165A1	DR580
TD124C1	04111-38010	GE872	04112-64082	TB165A1	DR580
TD124C1	04111-38011	GE872	04112-64086	TB191A1	DX020
TD124C1	04111-38012	GE872	04112-64103	TB165A1	DR580
TD124C1	04111-38013	GE872	04112-64111	TB190A1	DX010
TD124C1	04111-38014	GE872	04112-64180	TB223B1	CA5271
TD124C1	04111-38015	GE872	04112-64190	TB223A1	CA5270
TD125A1	04111-15010	GG670	04112-65010	TB173A1	DS360
TD126A1	04111-14020	GG690	04112-65011	TB173A1	DS360
TD127A1	04111-54010	GJ501	04112-65012	TB173A1	DS360
TD127A1	04111-54011	GJ501	04112-65013	TB173A1	DS360
TD127A1	04111-54012	GJ501	04112-66030	TB215A1	CF5792
TD127A1	04111-54013	GJ501	04112-66030	TB215A1	CY950
TD127A1	04111-54014	GJ501	04112-67040	TB216A1	CA5100

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TD127A1	04111-54015	GJ501	04112-67040A2	TB218A1	
TD127A1	04111-54020	GJ501	04112-68010	TB141A1	DK930
TD127A1	04111-54021	GJ501	04112-68020	TB164A1	DR570
TD127A1	04111-54022	GJ501	04112-68030	TB167A1	DR890
TD127A1	04111-54023	GJ501	04112-70010	TB136A1	DK680
TD127A1	04111-54025	GJ501	04112-70011	TB136A1	DK680
TD129A1	04111-35020	GJ660	04112-70012	TB136A1	DK680
TD129A1	04111-35021	GJ660	04112-70013	TB136A1	DK680
TD129B1	04111-35022	GJ661	04112-70014	TB136A1	DK680
TD130A1	04111-58010	GJ740	04112-70015	TB136A1	DK680
TD130A1	04111-58011	GJ740	04112-70020	TB151A1	DM480
TD130A1	04111-58012	GJ740	04112-70050	TB151A1	DM480
TD130A1	04111-58013	GJ740	04112-70061	TB180A1	DT630
TD130A1	04111-58014	GJ740	04112-72010	TB147A1	DL820
TD130A1	04111-58015	GJ740	04112-72011	TB147A1	DL820
TD130B1	04111-58020	GJ741	04112-72012	TB147A1	DL820
TD130C1	04111-58050	GJ742	04112-72013	TB147A1	DL820
TD131A1	04111-47011	GJ830	04112-73010	TB147A1	DL820
TD132A1	04111-47012	GK380	04112-73011	TB157A1	DN640
TD132A1	04111-47013	GK380	04112-73020	TB157A1	DN640
TD133A1	04111-43010	GK430	04112-73021	TB157A1	DN640
TD133A1	04111-43011	GK430	04112-73040	TB159A1	DP650
TD133A1	04111-43020	GK430	04112-73041	TB159A1	DP650
TD133A1	04111-43021	GK430	04112-74010	TB145A1	DL350
TD134A1	04111-43030	GK461	04112-74011	TB145A1	DL350
TD134A1	04111-43031	GK461	04112-74012	TB145A1	DL350
TD134A1	04111-43032	GK461	04112-74013	TB145A1	DL350
TD134A1	04111-43040	GK461	04112-74030	TB163B1	DR332
TD134A1	04111-43050	GK461	04112-74031	TB163B1	DR332
TD134A1	04111-43051	GK461	04112-74032	TB163B1	DR332
TD134A1	04111-43070	GK461	04112-74040	TB163A1	DR330
TD134A1	04111-43071	GK461	04112-74041	TB163A1	DR330
TD134A1	04111-43072	GK461	04112-74050	TB160A1	DR250
TD134A1	04111-43080	GK461	04112-74060	TB170A1	DS060
TD135A1	04111-63010	GK670	04112-74061	TB170A1	DS060
TD135A1	04111-63011	GK670	04112-74063	TB170A1	DS060
TD135A1	04111-63012	GK670	04112-74180	TB186A1	DW460
TD135A1	04111-63013	GK670	04112-74181	TB186A1	DW460
TD135A1	04111-63014	GK670	04112-74210	TB178A1	DS970
TD135B1	04111-63020	GK671	04112-74240	TB170B1	DS061
TD135B1	04111-63021	GK671	04112-74290	TB178C1	DS972
TD135B1	04111-63022	GK671	04112-74562	TB224A1	CD5330
TD135B1	04111-63023	GK671	04112-75010	TB187A1	DW560
TD136A1	04111-70010	GK680	04112-75030	TB192A1	DX060
TD136A1	04111-70011	GK680	04112-76070	TB177A1	DS870
TD136A1	04111-70012	GK680	04112-77020	TB121A1	DE330
TD136A1	04111-70013	GK680	04112-77021	TB121A1	DE330
TD136A1	04111-70014	GK680	04112-77022	TB121A1	DE330
TD136A1	04111-70015	GK680	04112-96110	TB123B1	DE392
TD137A1	04111-34037	GK690	04112-96111	TB123B1	DE392



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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TD137A1	04111-34046	GK690	04112-96112	TB123B1	DE392
TD137A1	04111-34074	GK690	04112-96601	TB142A1	DK940
TD137A1	04111-34075	GK690	11115-01030	TA158G1	BP530
TD137A1	04111-34076	GK690	11115-06010	TA203G1	AB5500
TD138A1	04111-37031	GK700	11115-06020	TA203G1	AB5500
TD138A1	04111-37032	GK700	11115-0A012	TA238M1	AF5000
TD138A1	04111-37033	GK700	11115-10010	TA156G1	BN530
TD138A1	04111-37034	GK700	11115-10020	TA156G1	BN530
TD138A1	04111-37035	GK700	11115-10040	TA156G1	BN530
TD138B1	04111-37061	GK701	11115-11010	TA154G1	BN200
TD138B1	04111-37062	GK701	11115-11020	TA154G1	BN200
TD138B1	04111-37063	GK701	11115-11020F	TA154G1	BN200
TD138B1	04111-37064	GK701	11115-11030	TA154G1	BN200
TD138B1	04111-37065	GK701	11115-11060	TA154G1	BN200
TD138C1	04111-37040	GK702	11115-11070	TA181G1	BV330
TD138C1	04111-37041	GK702	11115-11071	TA181G1	BV330
TD138C1	04111-37050	GK702	11115-11080	TA181G1	BV330
TD139A1	04111-48020	GK910	11115-12010	TA101G1	AJ270
TD141A1	04111-68010	GK930	11115-12011	TA101G1	AJ270
TD141A1	04111-68011	GK930	11115-12012	TA101G1	AJ270
TD141A1	04111-68012	GK930	11115-12013	TA101G1	AJ270
TD141A1	04111-68013	GK930	11115-13010	TA119G1	BD950
TD142A1	04111-96601	GK940	11115-13030	TA119G1	BD950
TD143A1	04111-64010	GL300	11115-13031	TA119G1	BD950
TD143A1	04111-64011	GL300	11115-13040	TA161G1	BR270
TD143A1	04111-64012	GL300	11115-13060	TA203G1	AB5500
TD144A1	04111-15030	GL340	11115-14010	TA126G1	BG690
TD144A1	04111-15031	GL340	11115-14020	TA126G1	BG690
TD144B1	04111-15040	GL341	11115-14021	TA126G1	BG690
TD144B1	04111-15041	GL341	11115-14022	TA126G1	BG690
TD144B1	04111-15070	GL341	11115-14030	TA152G1	BM870
TD145A1	04111-74010	GL350	11115-14030B	TA152G1	BM870
TD145A1	04111-74011	GL350	11115-14031	TA152G1	BM870
TD145A1	04111-74020	GL350	11115-14031B	TA152G1	BM870
TD145A1	04111-74021	GL350	11115-15020	TA125G1	BG670
TD146A1	04111-16010	GL740	11115-15021	TA125G1	BG670
TD146A1	04111-16011	GL740	11115-15030	TA125G1	BG670
TD147A1	04111-72010	GL820	11115-15041	TA125G1	BG670
TD147A1	04111-72011	GL820	11115-15042	TA125G1	BG670
TD147A1	04111-72012	GL820	11115-15050	TA144G1	BL340
TD147A1	04111-72013	GL820	11115-15060	TA144G1	BL340
TD147A1	04111-73010	GL820	11115-15061	TA144G1	BL340
TD148A1	04111-56030	GL840	11115-15073	TA201F1	AA5700
TD148A1	04111-56031	GL840	11115-16020	TA146G1	BL740
TD148A1	04111-56032	GL840	11115-16030	TA155G1	BN390
TD149A2	04111-64040	FB5000	11115-16050	TA158G1	BP530
TD149A2	04111-64041	FB5000	11115-16070	TA168G1	BR900
TD149A2	04111-64042	FB5000	11115-16080	TA166G1	BR750
TD149A2	04111-64043	FB5000	11115-16081	TA166G1	BR750
TD149A2	04111-64044	FB5000	11115-16082	TA166G1	BR750

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TD149A2	04111-64061	FB5000	11115-16090	TA166G1	BR750
TD150A1	04111-54050	GL950	11115-16100	TA166G1	BR750
TD150A1	04111-54051	GL950	11115-16100A	TA166G1	BR750
TD150A1	04111-54052	GL950	11115-16110	TA202G1	AA5930
TD150A1	04111-54053	GL950	11115-16120	TA182M1	BV360
TD150B1	04111-54040	GL951	11115-16130	TA183G1	BV370
TD150B1	04111-54041	GL951	11115-16130	TA183G1	AD5360
TD150B1	04111-54042	GL951	11115-16150	TA183G1	BV370
TD150B1	04111-54043	GL951	11115-20010	TA236G1	BZ340
TD151A1	04111-70020	GM480	11115-20032	TA210M1	
TD151A1	04111-70050	GM480	11115-20050	TA238M1	AF5000
TD152A1	04111-14050	GM870	11115-20180-71	TA228M1	
TD152A1	04111-14051	GM870	11115-21030	TA204M1	AB5750
TD152A1	04111-14060	GM870	11115-21050	TA204M1	AB5750
TD153B1	04111-35050	GM881	11115-22010	TA102G1	AJ290
TD153B1	04111-35060	GM881	11115-22020	TA102G1	AJ290
TD153B1	04111-35070	GM881	11115-23010	TA108G1	AJ510
TD153D1	04111-35420	GM883	11115-23011	TA108G1	AJ510
TD154A1	04111-11020	GN200	11115-23020	TA108G1	AJ510
TD154A1	04111-11021	GN200	11115-23030	TA208M1	AD5380
TD154A1	04111-11022	GN200	11115-23030	TA208M1	AE5590
TD154A1	04111-11023	GN200	11115-23090	TA208M1	AD5590
TD154A1	04111-11024	GN200	11115-23090	TA208M1	AD5380
TD154B1	04111-11050	GN201	11115-24010	TA102G1	AJ290
TD154B1	04111-11051	GN201	11115-24011	TA102G1	AJ290
TD154C1	04111-11070	GN202	11115-24012	TA102G1	AJ290
TD155A1	04111-16022	GN390	11115-24013	TA102G1	AJ290
TD155A1	04111-16023	GN390	11115-24015	TA102G1	AJ290
TD155A1	04111-16024	GN390	11115-26015	TA115G1	BC990
TD155A1	04111-16070	GN390	11115-26023	TA115G1	BC990
TD155A1	04111-16071	GN390	11115-26024	TA115G1	BC990
TD155A1	04111-16072	GN390	11115-26026	TA115G1	BC990
TD155A1	04111-16073	GN390	11115-28012	TA206M1	AE5380
TD155A1	04111-16074	GN390	11115-28021	TA205M1	AB5940
TD155A1	04111-16075	GN390	11115-28022	TA205M1	AF5780
TD155A1	04111-16076	GN390	11115-28022	TA205M1	AB5940
TD155B1	04111-16020	GN392	11115-31020	TA110G1	AJ910
TD155B1	04111-16021	GN392	11115-31021	TA110G1	AJ910
TD155B1	04111-16100	GN392	11115-31022	TA110G1	AJ910
TD156A1	04111-10030	GN530	11115-31023	TA110G1	AJ910
TD156A1	04111-10031	GN530	11115-31060	TA212M1	
TD157A1	04111-73011	GN640	11115-35010	TA129G1	BJ660
TD157A1	04111-73012	GN640	11115-35011	TA129G1	BJ660
TD157A1	04111-73020	GN640	11115-35020	TA153G1	BM880
TD157A1	04111-73021	GN640	11115-35022	TA153G1	BM880
TD157A1	04111-73022	GN640	11115-35030	TA153G1	BM880
TD157A1	04111-73023	GN640	11115-35040	TA153G1	BM880
TD157A1	04111-73024	GN640	11115-35060	TA153G1	BM880
TD159A1	04111-73040	GP650	11115-37010	TA138G1	BK700
TD159A1	04111-73041	GP650	11115-37020	TA138G1	BK700

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TD159A1	04111-73042	GP650	11115-37021	TA138G1	BK700
TD159A1	04111-73043	GP650	11115-38010	TA124G1	BE870
TD159A1	04111-73044	GP650	11115-38011	TA124G1	BE870
TD160A1	04111-74050	GR250	11115-38012	TA124G1	BE870
TD160A1	04111-74051	GR250	11115-38013	TA124G1	BE870
TD160A1	04111-74052	GR250	11115-42020	TA162G1	BR300
TD161A1	04111-13040	GR270	11115-42021	TA162G1	BR300
TD161A1	04111-13041	GR270	11115-42041	TA162G1	BR300
TD161A1	04111-13042	GR270	11115-43020	TA133G1	BK430
TD161A1	04111-13090	GR270	11115-43021	TA133G1	BK430
TD162A1	04111-42020	GR300	11115-43030	TA134G1	BK460
TD162A1	04111-42023	GR300	11115-44024	TA122G1	BE350
TD162B1	04111-42030	GR301	11115-45030	TA117G1	BD760
TD162B1	04111-42031	GR301	11115-45040	TA117G1	BD760
TD162B1	04111-42032	GR301	11115-46040	TA221M1	
TD162B1	04111-42033	GR301	11115-46041	TA221M1	
TD163A1	04111-74040	GR330	11115-46042	TA221M1	
TD163A1	04111-74041	GR330	11115-46045	TA209M1	AG5100
TD163A1	04111-74042	GR330	11115-46052	TA222M1	AF5850
TD163B1	04111-74030	GR332	11115-47011	TA131G1	BJ830
TD163B1	04111-74031	GR332	11115-47012	TA132G1	BK380
TD163B1	04111-74032	GR332	11115-47013	TA132G1	BK380
TD163B1	04111-74033	GR332	11115-47014	TA120F1	BE250
TD164A1	04111-68020	GR570	11115-47014B	TA120F1	BE250
TD164A1	04111-68021	GR570	11115-47030	TA131G1	BJ830
TD164A1	04111-68022	GR570	11115-48010	TA139F1	BK910
TD165A1	04111-64090	GR580	11115-48020	TA139F1	BK910
TD165A1	04111-64100	GR580	11115-48021	TA139F1	BK910
TD165A1	04111-64101	GR580	11115-48022A1	TA235F1	BJ540N
TD165B1	04111-64050	GR581	11115-48025	TA123G1	BE390
TD165B1	04111-64051	GR581	11115-48030	TA139F1	BK910
TD165B1	04111-64052	GR581	11115-50020	TA175G1	BS400
TD165B1	04111-64053	GR581	11115-50021	TA175G1	BS400
TD165B1	04111-64070	GR581	11115-50021	TA175G1	AG7640
TD165B1	04111-64071	GR581	11115-50042	TA219M1	AF5030
TD165B1	04111-64072	GR581	11115-54010	TA127G1	BJ500
TD165B1	04111-64073	GR581	11115-54011	TA127G1	BJ500
TD165B1	04111-64074	GR581	11115-54012	TA150G1	BL950
TD165B1	04111-64075	GR581	11115-54020	TA150G1	BL950
TD166A1	04111-16120	GR750	11115-54021	TA150G1	BL950
TD166A1	04111-16121	GR750	11115-54030	TA179F1	BT130
TD166A1	04111-16122	GR750	11115-54070	TA189M1	BW950
TD166A1	04111-16123	GR750	11115-54071	TA189M1	BW950
TD166A1	04111-16130	GR750	11115-54072	TA189M1	BW950
TD166A1	04111-16131	GR750	11115-54073	TA189M1	BW950
TD166A1	04111-16132	GR750	11115-54080-D0	TA188M1	BW800
TD166A1	04111-16140	GR750	11115-54081-D0	TA188M1	BW800
TD166A1	04111-16141	GR750	11115-54082-D0	TA188M1	BW800
TD166A1	04111-16142	GR750	11115-54083-D0	TA188M1	BW800
TD166A1	04111-16143	GR750	11115-54084-F0	TA188M1	BW800

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TD166A1	04111-16150	GR750	11115-54120	TA198M1	AY800
TD166A1	04111-16151	GR750	11115-54121	TA198M1	AY800
TD166A1	04111-16152	GR750	11115-54121-F0	TA198M1	AY800
TD166B1	04111-16171	GR751	11115-56010	TA113G1	AX420
TD167A1	04111-68030	GR890	11115-56011	TA113G1	AX420
TD168A1	04111-16110	GR900	11115-56020	TA148G1	BL840
TD168A1	04111-16111	GR900	11115-56022	TA148G1	BL840
TD168A1	04111-16112	GR900	11115-56050	TA169G1	BR950
TD169A1	04111-56040	GR950	11115-56060	TA169G1	BR950
TD169A1	04111-56041	GR950	11115-58010	TA130G1	BJ740
TD169A1	04111-56042	GR950	11115-58011	TA130G1	BJ740
TD169A1	04111-56043	GR950	11115-58012	TA130G1	BJ740
TD169B1	04111-56050	GR951	11115-58013	TA130G1	BJ740
TD169B1	04111-56051	GR951	11115-58040	TA130G1	BJ740
TD170A1	04111-74060	GS060	11115-58050	TA130G1	BJ740
TD170A1	04111-74061	GS060	11115-58070	TA184M1	BV620
TD170A1	04111-74062	GS060	11115-58090	TA184M1	BV620
TD170B1	04111-74240	GS061	11115-58100	TA184M1	BV620
TD171A1	04111-62020	GS290	11115-60030	TA105F1	AJ430
TD171A1	04111-62021	GS290	11115-60031	TA105F1	AJ430
TD171B1	04111-62050	GS292	11115-60032	TA105F1	AJ430
TD173A1	04111-65010	GS360	11115-60033	TA118G1	BD860
TD173A1	04111-65011	GS360	11115-61010	TA114G1	BC260
TD173A1	04111-65012	GS360	11115-61020	TA114G1	BC260
TD173A1	04111-65013	GS360	11115-62030	TA171G1	BS290
TD173A1	04111-65016	GS360	11115-62030B	TA171G1	BS290
TD175A1	04111-50020	GS400	11115-62060	TA171G1	BS290
TD175A1	04111-50030	GS400	11115-63010	TA135G1	BK670
TD175A1	04111-50040	GS400	11115-63020	TA135G1	BK670
TD177A1	04111-76070	GS870	11115-64010	TA143G1	BL300
TD177A1	04111-76071	GS870	11115-64050	TA149F1	AB5000
TD177A1	04111-76080	GS870	11115-64060	TA165G1	BR580
TD178A1	04111-74210	GS970	11115-64070	TA149F1	AB5000
TD178C1	04111-74300	GS972	11115-64080	TA165G1	BR580
TD179A1	04111-54070	GT130	11115-64100	TA165G1	BR580
TD180A1	04111-70061	GT630	11115-64110	TA190M1	BX010
TD181A1	04111-11130	GV330	11115-64122-01	TA191M1	BX020
TD184A1	04111-56060	GV620	11115-64122-02	TA191M1	BX020
TD184B1	04111-58070		11115-64122-03	TA191M1	BX020
TD184B1	04111-58071		11115-64130	TA223M1	AA5270
TD184B1	04111-58120		11115-64131	TA223M1	AA5270
TD184B1	04111-58160		11115-64140	TA225M1	AD5350
TD186A1	04111-74180	GW460	11115-64141-02	TA241M1	AG7650
TD186A1	04111-74181	GW460	11115-65020	TA173G1	BS360
TD187A1	04111-75010	GW560	11115-65030	TA173G1	BS360
TD187A1	04111-75011	GW560	11115-65031	TA173G1	BS360
TD188A1	04111-54103	GW800	11115-65031A	TA173G1	BS360
TD188B1	04111-54080	GW801	11115-65033	TA173G1	BS360
TD188B1	04111-54081	GW801	11115-66020	TA215G1	AY950
TD188B1	04111-54082	GW801	11115-66030	TA215G1	AY950

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Sanwa Ref	OE No	Payen Ref	OE No	Sanwa Ref	Payen Ref
TD188B1	04111-54083	GW801	11115-66030	TA215G1	AF5790
TD189A1	04111-54090	GW950	11115-67040-01	TA216M1	AA5100
TD189A1	04111-54091	GW950	11115-67050-01	TA243M1	
TD189A1	04111-54092	GW950	11115-68010	TA141G1	BK930
TD189A1	04111-54093	GW950	11115-68011	TA229F1	
TD190A1	04111-64111	GX010	11115-68020	TA164F1	BR570
TD191A1	04111-64106	GX020	11115-68030	TA167F1	BR890
TD192A1	04111-75030	GX060	11115-68040	TA164F1	BR570
TD198A1	04111-54220	FY800	11115-68050	TA167F1	BR890
TD202A1	04111-16210	FA5930	11115-70010	TA136G1	BK680
TD204A1	04111-21040	FB5750	11115-70020	TA136G1	BK680
TD204A1	04111-21060	FB5750	11115-70030	TA151G1	BM480
TD208A1	04111-23040	FD5380	11115-70050	TA180G1	BT630
TD209A1	04111-46102		11115-70060	TA180G1	BT630
TD215A1	04111-66030	FY950	11115-71010	TA147G1	BL820
TD215A1	04111-66030	FF5790	11115-71011	TA157G1	BN640
TD216A1	04111-67040	FA5100	11115-73010	TA159G1	BP650
TD218A1	04111-67040A2		11115-74010	TA145G1	BL350
TD219A1	04111-50112	FF5030	11115-74020	TA145G1	BL350
TD221A1	04111-46040		11115-74030	TA160G1	BR250
TD221A1	04111-46041		11115-74060	TA186G1	BW460
TD221A1	04111-46044		11115-74070	TA178G1	BS970
TD222A1	04111-46056		11115-74080	TA178G1	BS970
TD223A1	04111-64250		11115-74110	TA224M1	AD5430
TD223B1	04111-64240		11115-74110	TA224M1	AD5330
TD224A1	04111-74590	FD5430	11115-74120	TA207M1	AE5410
TD224A1	04111-74592	FD5430	11115-75010	TA187G1	BW560
TD224A1	04111-74592	FD5330	11115-75020	TA192G1	BX060
TD236A1	04111-20040	GZ340	11115-75030	TA197G1	BZ170
WA101G1	96325170	AG7990	11115-75031	TA197G1	BZ170
WA102M1	96378802	AG8000	11115-76030	TA177G1	BS870
			11115-77014	TA121F1	BE330
			11115-77015	TA121F1	BE330
			11115-78204-71	TA230M1	
			11115-78300-71	TA231F1	
			11115-78330-71	TA232F1	
			11115-78701-71	TA233G1	
			11115-78780-71	TA234F1	
			11115-88220	TA116G1	BD060
			11115-88231	TA137F1	BK690
			11115-88270	TA137F1	BK690
			11115-88301	TA151G1	BM480
			11115-88361	TA163G1	BR330
			11115-88362	TA163G1	BR330
			11115-88380	TA170G1	BS060
			11115-88381	TA170G1	BS060
			11115-88382	TA170G1	BS060
			11115-96601	TA142G1	BK940
			94843783	TA146G1	BL740
			94854152	TB182A1	DV360

Symbols

- \* Set with Valve Stem Seals
- x Set with Oil Seals
- ! Set with Cylinder Liner O Rings